CANSIM User Guide

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(LAN A internal client)



C A N S I M

Revised July 31, 2004



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About this manual

This manual is a complete guide to CANSIM the authoritative Canadian socio-economic database. Easy to learn and to use, CANSIM offers you data on

agriculture health primary industries arts, culture and recreation justice science and technology business enterprises labour social conditions

communications national accounts trade

construction personal and household transport and warehousing

education finance travel and tourism

energy population and environment demography

government prices and price indexes

With more than 20,000,000 time series covering virtually every aspect of Canadian life, CANSIM data proves invaluable when you want to

make investment conduct market analyses profile demographics

decisions forecast economic

evaluate social conditions conditions

conduct feasibility studies plan programs or services

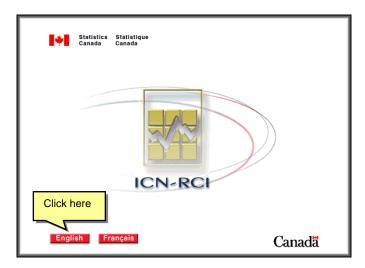
The CANSIM User Guide walks you through each CANSIM screen and option. After reading this guide, you will know how to

- search for data by subject, keyword, table number, series number and survey number;
- load, add, copy and modify data directly into your spreadsheets or databases;
- process your order; and
- contact us.

Accessing CANSIM

There are different paths to access the CANSIM home page. If you don't already have a bookmark for the CANSIM home page here are the steps to access CANSIM.

To access CANSIM you will use the ICN (*Internal Communication Network*). Start your browser (Internet Explorer or Netscape Navigator. At this point the Statistics Canada web site home page will open. Click on the English button to access Internal Communication Network.



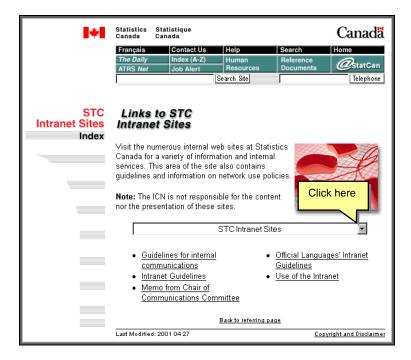
Internal Communications Network

From this page select STC Intranet Network



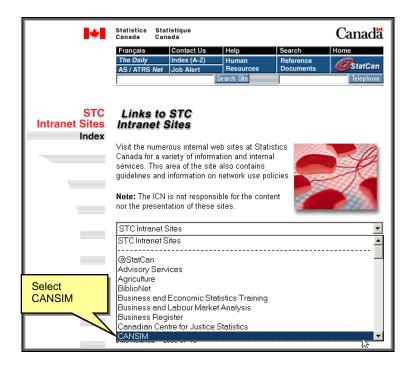
Links to STC Intranet Sites

To expand the drop down list you must click on the triangle on the right side.



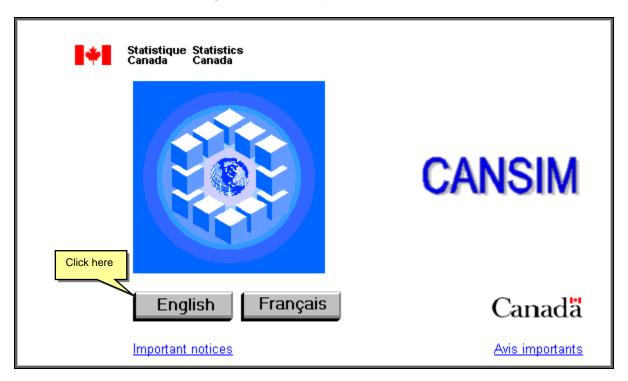
Index for STC Intranet Sites

Select CANSIM from the list.

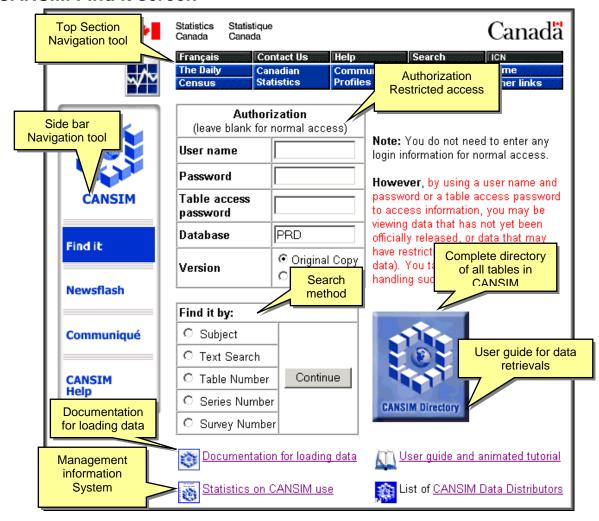


CANSIM

Welcome to CANSIM. Select English (or French) to continue.



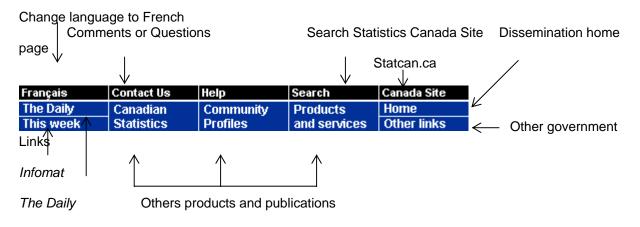
CANSIM Find it screen



The **Find it** screen contains three sections:

Menu bar

The Menu bar helps you navigate anywhere on Statistics Canada's Web site.



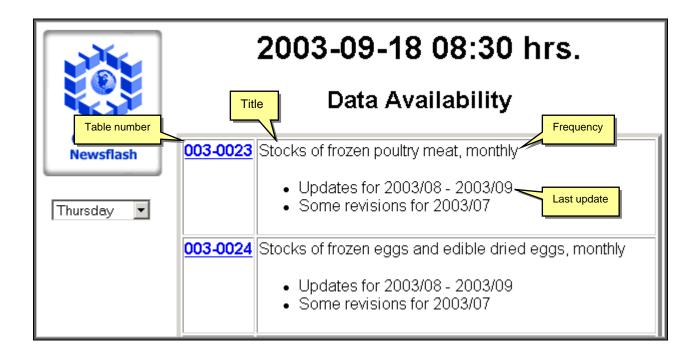
Side Bar



Use the options listed in this sidebar help you navigate CANSIM. We'll explain each option in the sidebar—reserving the explanation of the search options—accessed by clicking **Find it**—for last.

CANSIM Newsflash

Click on **CANSIM Newsflash** to access the Newsflash page. Newsflashes display the title of the table, the frequency and other information. You can choose the day (one of the last five working days is available) for which you wish to view a newsflash from the drop-down list.



CANSIM Communiqué

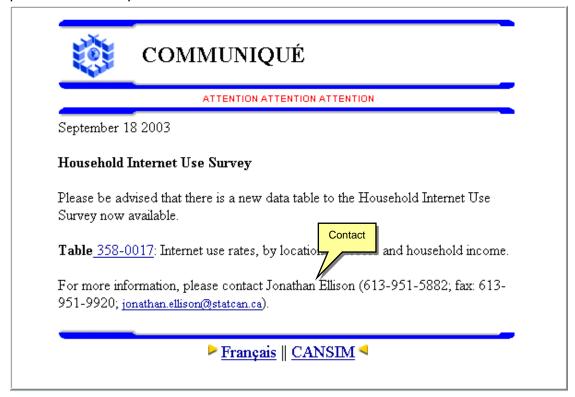
The CANSIM Communiqué is a dated list of announcements alerting clients to important modifications to CANSIM. To access the Communiqué page, click on the date in blue. The Communiqué contains information such as methodology, variables, contact name and any other related information on the subject, which relates important modifications to the CANSIM database.



To access an older Communiqué, click on the drop down list and select the year and click the Submit button. All Communiqués for the reference year will then be accessible the same way.

You may search **all** the CANSIM Communiqués to view the history of modifications made to certain table(s) on the database. Choose "All" in the "List of Communiqués for" drop-down menu and press "Submit". A page containing all the Communiqués issued appears. You can then enter a word string in the "Find on this page" option located under "Edit" in your Internet browser to locate and view all Communiqués concerned with their area of interest.

Sample of Communiqué



CANSIM Help

The CANSIM Help button appears on most CANSIM pages. When you click **Help**, you open a document that provides detailed information about the page or screen you are on.

CANSIM documentation for loading data

Searching for documentation on data entry for CANSIM? See the list below:

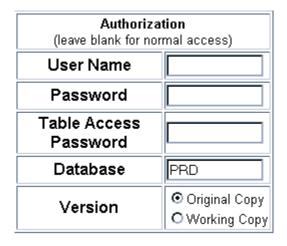
- User Guide coding CSV Files
- User Guide, Loading data with CSV files

Management Information System

To know the number of access for your data, consult the Management Information System. You will find access statistics by Statistic Canada employees and external client based on the chosen frequency. You can filter your research by division, by bloc of table or single table. You can also download your statistic after your selection is completed in Excel format.

Authorization

You do not need to enter any login information for normal access. **However**, by using a user name and password or a table access password to access information, you may be viewing data that has not yet been officially released, or data that may have restricted access (confidential data). You take full responsibility for handling such data appropriately.



CANSIM directory



Click on CANSIM Directory button to get a list of all tables in CANSIM classify by theme and table number.

To access the table, click on the table number.

CANSIM Table Directory

Agriculture

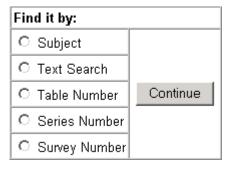
Crops

The Crops Section produces estimates of field crops, horticultural crops and grain marketing statistics.

- 001-0001 Producer deliveries of major grains, Western Canada, monthly
- 001-0002 Estimated stocks of grains on farms, end of crop year at July 31, annual Terminated
- 001-0003 Stocks of grains at July 31, annual
- 001-0004 Estimated summerfallow areas, annual
- 001-0005 Crushing statistics of major oilseeds for Canada, monthly
- 001-0006 Production and value of greenhouse vegetables, annual
- 001-0007 Production and value of honey, annual
- 001-0008 Production and farm value of maple products, annual
- 001-0009 Area, production and farm value of fresh and processed fruits, by province, annual
- 001-0010 Estimated areas, yield, production and average farm price of principal field crops, in metric units, annual
- 001-0011 Supply and disposition of principal grains, by crop year, Canada, annual
- 001-0012 Area, production and sales of mushrooms, annual
- 001-0013 Area, production and farm value of vegetables, annual
- 001-0014 Area, production and farm value of potatoes, annual
- 001-0015 Exports of grains, by final destination, monthly
- 001-0016 Area, production and farm value of tobacco, annual Terminated
- 001-0017 Estimated areas, yield, production, average farm price and total farm value of principal field crops, in imperial units, annual
- 001-0018 Estimated areas, yield, production, average farm price and total farm value of selected principal field crops: sugar beets, tame hay and fodder corn, in imperial units, annual
- 001-0019 Estimated area, yield, production, average farm price and total farm value of selected major speciality field crops, in imperial units, annual

Find it

The **Find it** options list lets you choose one of five search methods. Simply click the button beside the search method you want to use to retrieve your data.



The Five search options are:

- Subjects: Select this option if you want to search by theme or subject. All CANSIM tables are associated with one or more subjects from the Statistics Canada Subjects list.
- Text Search: You can search for words and phrases that occur anywhere in the metadata of CANSIM tables.
- **Table Number**: If you already know the CANSIM Table Number(s), this option is the quickest way to access the data.
- **Series Number**: If you already know the CANSIM series numbers (also referred to as vector numbers), you may enter them directly (separated by a comma).
- **Survey Number**: Opens a list of all surveys related to one or more CANSIM tables; selecting a survey retrieves all related tables.

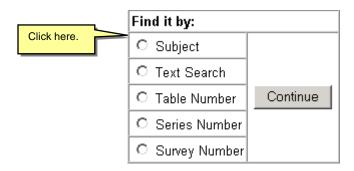
All search methods, except Series Number search, result in the display of one or more CANSIM tables. You are then prompted to select one table from the list displayed and proceed from there. When entering series numbers, you may include series that come from more than one CANSIM table; outputs from a list of series will always display that list as one dimension and time as a second dimension.

Search methods

In the following pages, each of the five search methods is explained in detail.

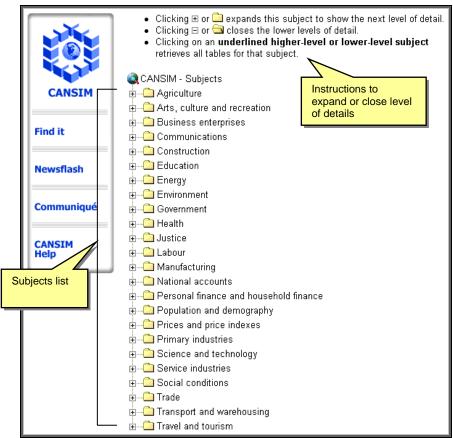
Subjects search

The subjects search method is the first listed in the **Find it** box. To begin, click the button beside Subjects.



When you search by subject, you are presented with a listing of 24 major subjects. This subject list consists of high-level and second-level terms taken from the Statistics Canada Thesaurus. The list developed to provide a broad subject approach to the information holdings on Statistics Canada's Web site and to allow you to locate and access Statistics Canada data by theme.

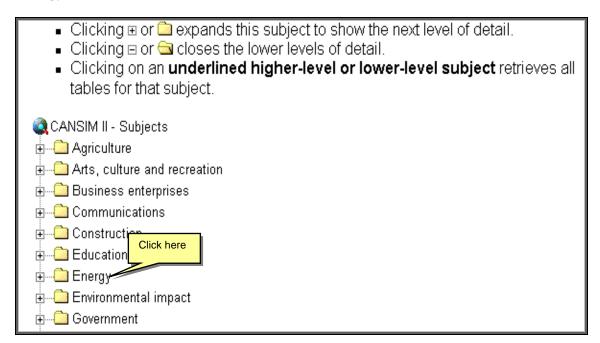
Subjects Screen



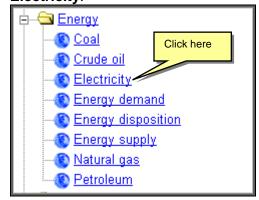
Only subjects for which at least one associated CANSIM table exists are shown. Each major subject can be expanded to one or more second-level subjects. The following options are available:

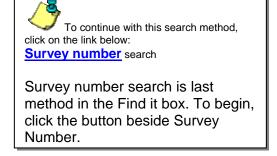
- 1. To see the second-level subjects (or subtopics) that make up a top-level subject, click on
- 2. To obtain the list of all tables available for a top-level or second-level subject, click on the underlined subject title, or on next to it. Click the title of a top-level subject to retrieve the list of all tables pertaining to all the second-level subjects under that major subject.
- 3. To bring back the list that shows only top-level subjects, click on (), which closes the second-level subjects.

For example, to search for "Electricity power statistics," click the top-level subject heading, **Energy**.



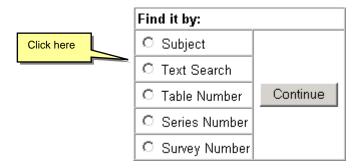
A list of subtopics related to Energy appears. Next, to see all tables related to Electricity click on **Electricity**.





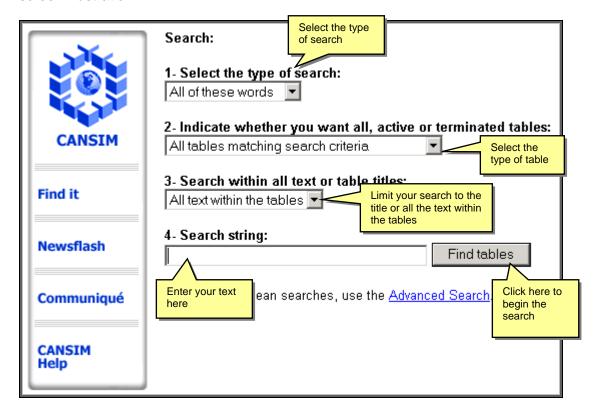
Text Search

To search by keyword, select **Text Search**, the second option listed in **Find it** box.



Text Search Screen

There are four steps to establishing a Text Search; each step is explained in detail following the screen illustration.



- 1. Select the **type of search**:
 - The phrase: looks for the exact string you type including punctuation and spaces.
 - All of these words: looks for tables that contain all the words you enter (functions like the Boolean AND).
 - Any of these words: looks for tables that contain any of the words you enter (functions like the Boolean OR).
 - Note: Searches are not case-or accent-sensitive.
- 2. Indicate what kind of tables you want to retrieve: Active or Terminated or both. Active Tables are updated regularly. Terminated Tables are no longer updated. By default all tables that satisfy the search criteria will be part of the result.
- 3. Choose between searching all of the text in the tables, or only the table titles.
- 4. Enter the phrase or word(s) you are searching for then click **Find Tables**.

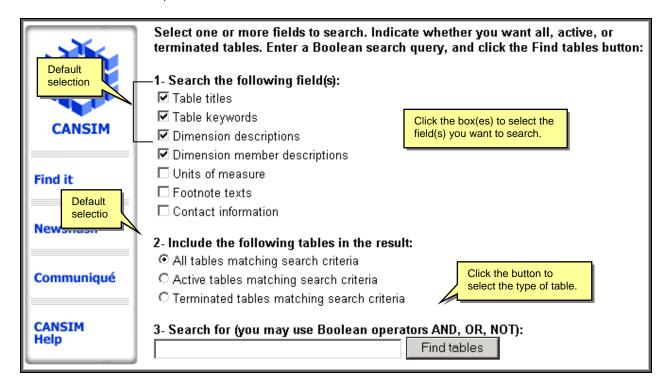
All text in a table will be searched, including table titles, dimension descriptions, and member descriptions. A member is a discrete component in a dimension (e.g., Ontario in a **geography** dimension, or mining in an **industry** dimension).

Time is not a dimension, but rather one of the characteristics of a time series. You cannot search by date.

Words have to be matched exactly. You can use an asterisk as a wildcard character to search for different forms of a word. For example, you might search for *harvest** to find tables containing *harvest*, *harvests*, *harvesting*, *harvested*, etc.).

Advanced Search screen

First, select the fields you wish to search (if you do not select any fields, all the default-selected fields will be searched).



Lt is important to understand the distinction between the following: the **dimension descriptions** field describes the dimension itself (e.g., geography, industry, and type of employee). The **dimension member** field contains the description of each member of each dimension (e.g., Canada, Newfoundland and Ontario for the geography dimension, or public employees and private employees for the type of employee dimension).

Second, indicate whether you wish to include all tables, only active tables or only terminated tables in your search. (A terminated table refers to a table that is no longer being updated.)

Finally, enter a full Boolean query, and then click **Find tables**.

You may use the words **AND**, **OR** and **NOT**, as well as parentheses to specify your search query. Use an asterisk for wildcard searches; for example, you might search for *harvest** to find tables containing *harvested*, *harvesting*, *harvests*, etc.

Keep the following points in mind when you perform Boolean searches:

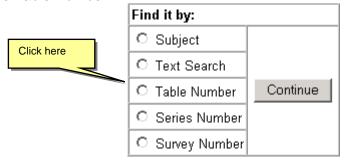
- Searches are not case-sensitive or accent-sensitive.
- If you prefer, you can use symbols instead of words for the operators, & for AND, | for OR and ~ for NOT.
- When you use AND between two words, both words must be found in the same field for
 the search to succeed. For example, say you want to search in both table titles and
 dimension member descriptions, and you search for *Livestock* AND *Ontario*. Although
 there is a table about livestock that includes Ontario as a member of the geography
 dimension, the search will not find it, because *Livestock* is found in the table title, while *Ontario* is found as a member of the geography dimension.
- The NOT operator has a peculiar syntax: it really stands for AND NOT. You should therefore not have it as the first word of a search, and you should also not prefix it with the word AND. For example, if you want to search for "construction excluding residential construction", the syntax is "construction NOT residential", not "construction AND NOT residential."

Time is one of the characteristics of a time series: it does not have the same properties as a dimension, so it is not possible to include dates in your search criteria.

If the result of your search exceeds 100 tables, only the first 100 tables will be listed. To view the next 100 tables, click on Next at the end of the list.

Table Number Search

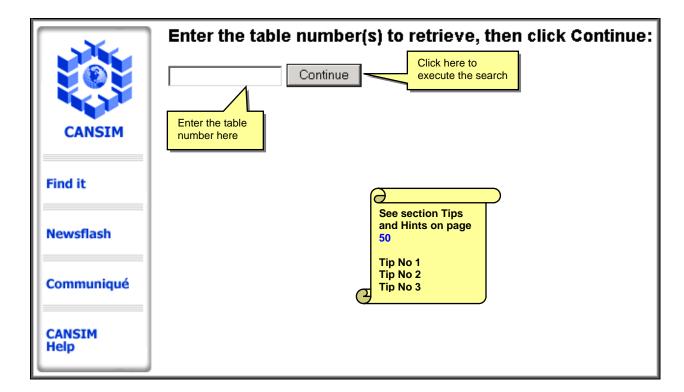
The Table Number search method is the third option listed in the **Find it** box. To begin, click the button beside Table Number.



Enter one or more CANSIM table numbers, separated by commas (do not use any spaces or other punctuation; the hyphen before the last four digits of a table number is optional). If you enter more than one table number, you will be prompted to select the desired table from a list; if you enter only one table number, you will be brought directly to the content selection lists for that table.

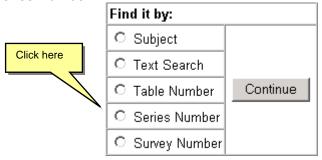
.

Table Number Search Screen



Series Number Search

The Series Number search is the forth method listed in the **Find it** box. To begin, click the button beside Series Number.



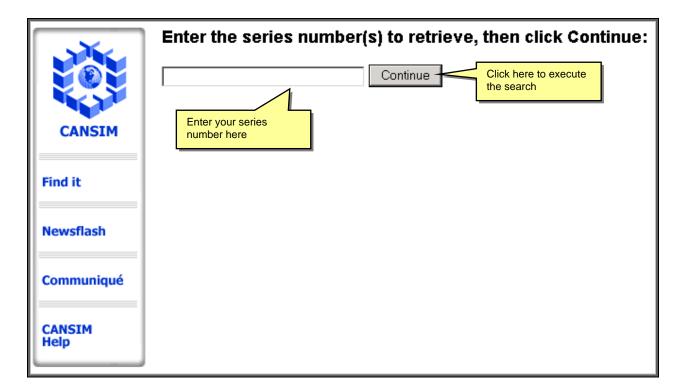
Enter one or more CANSIM series numbers (also known as vector numbers) separated by commas. The selected series do not all have to come from the same CANSIM table, but for most outputs, they do need to have the same *frequency* (periodicity).

When you request several series, each series number must be entered separately. It is not possible to ask for a range.



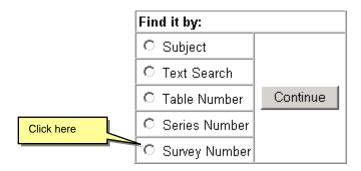
You may also use CANSIM databank numbers or the vector numbers.

Series Number Search Screen



Survey number search

Survey number search is last method in the Find it box. To begin, click the button beside Survey Number.



The Integrated Meta Data Base (IMDB) contains information about the surveys and statistical programs carried out by Statistics Canada and other agencies to collect assemble process and disseminate statistical information.

The database may be used to find out how data for particular CANSIM tables are collected or to identify contacts for questions on the data or survey methodology. The IMDB contains descriptions of over 450 surveys and statistical programs each identified by a unique four-digit survey number.

After selecting a Survey or Program from the list you may choose to either retrieve the list of CANSIM tables for that survey or program or consult the IMDB for more information.

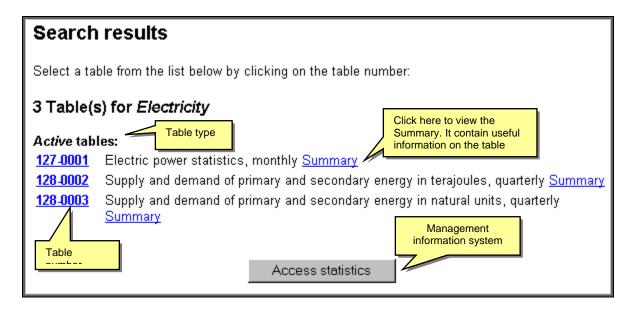


Search Result

Searches most often result in more than one table. To continue, you have to select the table you wish to extract data from (by clicking on the table number). Selecting a table this way will display a screen for you to indicate which subset of the table you want.

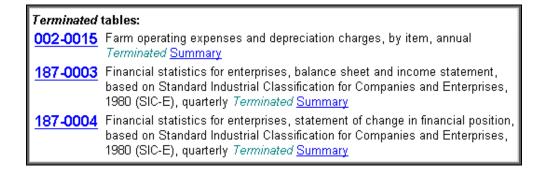
Under Edit on your browser's toolbar, you can use the Find feature to look for specific text within the search results. This is particularly useful when the list of tables contains many tables arranged in no particular order.

In this example, we will select Table number 127-0001—one of three tables related to Electricity. Click the blue table number from the Search results screen.



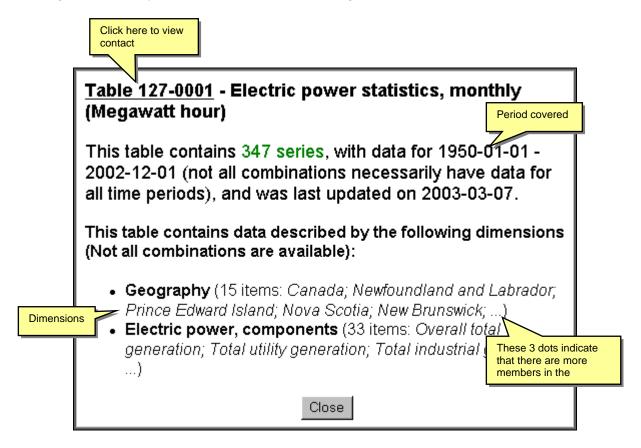
Some table titles may have one or more status designations:

- Active tables (as in the upper picture)
- Terminated tables refers to a table no longer being updated (as in the picture below)



Summary

Clicking on **Summary** will open a new window listing some of the attributes of the table.

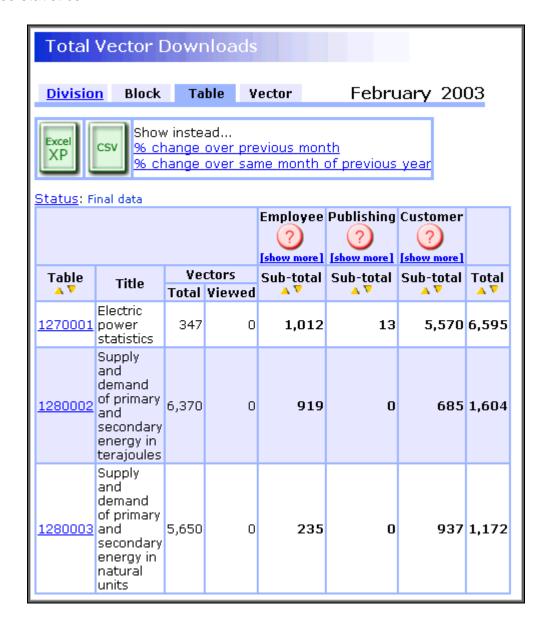


Contact

The Contact window contains information on the Division, contact person, telephone and e-mail address.



Access statistics



Employee columns contain the following types of users:

Intranet - Employee downloads via the Intranet on network A (in real-time at vector level, updated weekly for all other levels);

Internet - Employee downloads via the Internet on network B (updated monthly);

Distributor - Backup application used to create distributor data files (may indicate if a vector is carried by a distributor) (in real-time at vector level, updated weekly for all other levels);

Maintenance - Employee downloads for maintenance purposes. This includes downloads to working copy data (pre-release) from the Intranet, to original data (released) for

development and testing purposes, and downloads from the Array Editor and various other tools. (in real-time at vector level, updated weekly for all other levels);

Accounts - All downloads through an account on network B (updated monthly).

Publishing columns contain the following types of users:

Laurence - Users of the Laurence.exe application which is used to create dynamic publications. These **do not** represent the number of page views for the actual publication For page views of publications, please select "Publications" from the marketing Webtrends site:

SRP - Users of the SRP application which is used to build Canadian Statistics Tables. These **do not** represent the number of page views for Canadian Statistics Tables. For page views of Canadian Statistics tables, please select "Canadian Statistics" from the marketing Webtrends site.

Customers columns contain the following types of users:

Orders - Customer downloads from orders on the website or through the deposit account site on network B. Customers purchase vectors at a cost of \$3 each (volume discounts apply to deposit account customers) and can then download the data as many times as they wish within 24 hours. Note: some users are allocated money in a deposit account that they do not pay for (updated monthly);

Subscribers - Subscriber downloads from the web on network B. Customers can order a subscription for a specified price to gain access to all data within a given theme for a period of a year. More information on subscriptions is available on the CANSIM site on network B (updated monthly);

E-STAT (Education community - Free) - downloads from the E-STAT Internet site on network B (updated monthly);

Distributors - Downloads from CANSIM distributor's customers from the distributor's Websites. **Only distributors paying royalty fees report downloads, higher volume distributors do not report downloads.** Our distributors disseminate the data in a single proprietary format therefore these download figures do not include multiple downloads of the same data from the same customer. (updated monthly towards the middle of each month);

Maintenance - Maintenance from network B including downloads from the Array Editor, Laurence.exe, and various other tools issued by Dissemination Division (updated monthly).

Table pick lists

The Table pick list screen is where you choose which subset of the selected table you want to work with. There is one scrollable pick-list for each dimension in the table, and you must select at least one item from each list before clicking **Continue**.

If the table (or any one of its dimensions) includes footnote references, the pick screen will include hyperlinks. A hyperlink on the table number indicates that the footnotes are applicable to the entire table; hyperlinks on dimension titles indicate that the footnotes are only applicable to that dimension or its members.

You may also notice one or more hyperlinks at the right of the Survey / Program Details line. These links allow access to survey-level meta-information.

View checklist

A **View checklist** button appears under each dimension title, just above the scrollable list. This button lets you open a dimension to see the list of its members in a full-screen view. This view is most useful for selecting from dimensions containing a large number of items, since you can use your Web browser's Find feature (usually found under the Edit option in the menu bar) to locate text.

Select all

The **Select all** button selects all available members, whether they were already selected or not.

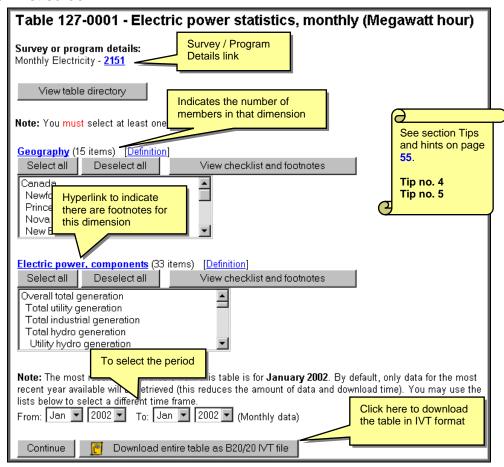
Deselect all

The **Deselect all** button erases all selections.

View checklist and footnotes

The **View checklist and footnotes** button appears under each dimension title, just above the scrollable list **only if footnotes exist for this dimension**. If superscript footnote numbers are attached at the dimension level or for individual members, the actual footnote text is displayed at the very bottom of the screen, after the list of items.

Table Pick List screen



Finally, before you click **Continue**, check the time period for which data is available, and reduce or increase this range if you wish: the response time will vary based on the length of that time period.

Although CANSIM tables are usually structured to minimize sparseness, there is no guarantee that data exists for every dimension intersection or combination. It is therefore possible that even if you have selected at least one item from all the lists, you might still be told that your retrieval contains no series.

If an indication that the table is **frozen** appears just above the **Continue** button, this means you will not be able to access any data from the table.

Tips for selecting items:

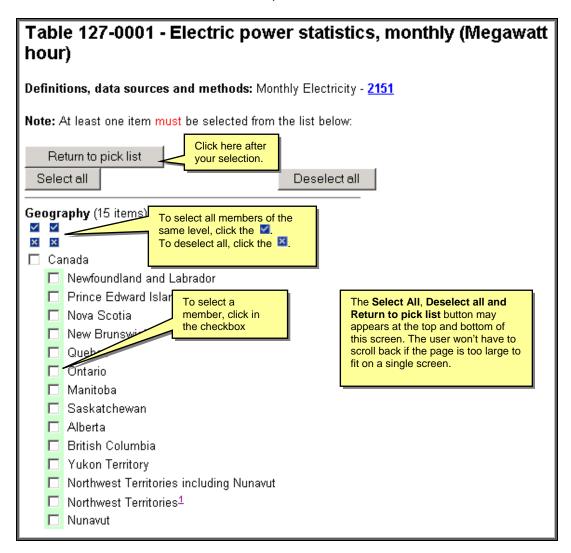
- You can select several contiguous items by clicking on the first, then holding the Shift
 key while clicking on the last.
- On a PC running Windows (but not on a Macintosh), you can also select contiguous items by clicking on the first and dragging until the last item wanted is selected.
- You can select non-contiguous items by holding the Control key while clicking on the second and subsequent items (on a Macintosh, hold the Command key instead of Control).

Checklist screen (dimension detail)

All the members (also called items) for the dimension you selected are listed here. Use the checkboxes to the left of the item descriptions to select or deselect items. If you do so, be sure to use the **Return to pick list** button and **not** your browser's **Back** button to return to the main selection screen. If you used the **Back** button, your selection won't be retained and you will need to go through your selection again.

You can use your browser's **Find** feature (usually found under the Edit option in the menubar) to locate text. This may help you identify items of interest, especially in a long list.

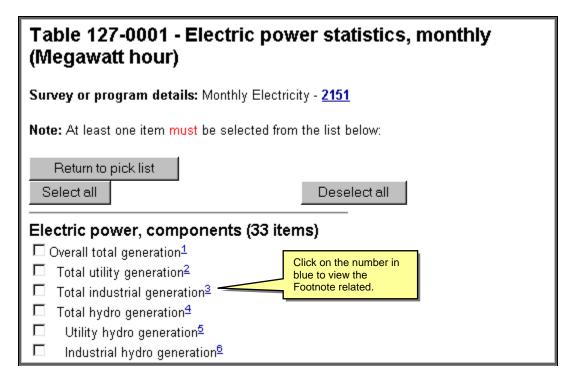
The **Select all** button selects all available members, whether they were already selected or not. The **Deselect all** button erases all selections (even those made at the main selection screen).



Checklist and Footnotes screen

The only difference between the **Pick List** screen and the **Checklist and Footnotes** screen are the footnotes. Footnotes at the dimension level or for individual members are shown as small hyperlink numbers.

For this example, the screen below contains only 6 items out of the 33 items that would be selected.



Footnotes

The actual footnote text is displayed at the very bottom of the screen, after the list of items in the Checklist and Footnotes screen.

Footnotes:

- 1. Total utility and industry generation made by hydro (including tidal and wind), steam (conventional and nuclear), internal combustion and combustion turbine.
- 2. A utility is an organization that, as its prime purpose, generates, transmits and / or distributes electric energy for resale. It can be private or public (provincial or municipal). Electricity can be made from hydro (including tidal and wind), steam (conventional and nuclear), internal combustion and combustion turbine sources.
- Generation from establishments that are not part of the electric power generation, transmission and distribution industry (North American Industry Classification System (NAICS)): 22111).
- 4. Electric power generated from a plant in which the turbine generators are driven by falling water. This is the sum of utility hydro generation and industrial hydro generation.

Going back now to the **Table Pick List** screen, let's make the following selections:

Dimension	Selection
Geography	Canada
Electric Power	Overall Total generation
components	Total Utility generation
	Total Industrial generation
	Total Hydro generation
Period	2000 only

Pressing the Continue button leads you to the Retrieval Confirmation Screen.

Retrieval Confirmation screen

This screen lets you choose between two ways of viewing your data. You should, however, first check the confirmation text in the yellow background box, which will indicate the number of series you will actually retrieve out of the potential number of series chosen. There is no point in continuing if no series match your selection.

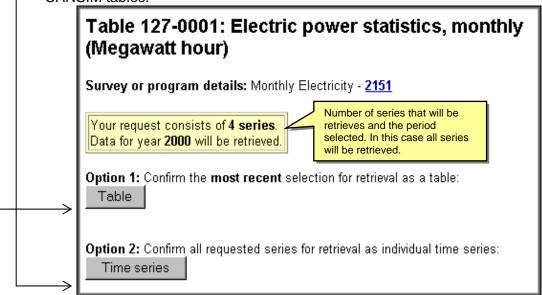
You may choose to work either in a table view or a time series view.

Table

- Produces a table output, as it might typically appear in a publication.
- Allows only one CANSIM table to be used at a time.

Time series

- Uses a time series model.
- Enables adding to a shopping basket of time series that can come from several CANSIM tables.



With another table you could get this result, which indicates that you will retrieve only 195 of the 260 potential series.

Your request consists of **195 series** out of a potential of 260 series. Data for years **1998-1999** has been requested.

Table view—Option 1

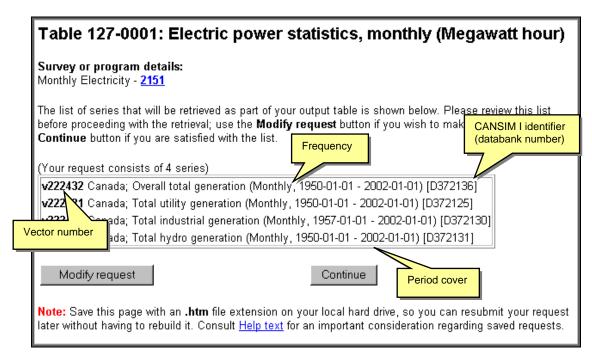
This screen lists the time series that will form the table you have requested.

Only series for which data actually exist are listed; this means that the number of series you see may be less than what you had expected. For example, this would happen if a CANSIM table, with data for Canada and the provinces, gave you a choice between unadjusted and seasonally adjusted figures, but the seasonally adjusted figures were available only at the Canada level.

Some series may carry one or more of the following terms:

- Terminated means this series is no longer updated.
- **Part-secure** means that one or more data cells in the series have been suppressed, usually for confidentiality reasons.
- Secure means that all data cells in the series have been suppressed.

If you are satisfied with the list of series available, click **Continue.** If not, click the **Modify request** button.



If your request is recurrent (for example, if you need to run it every month) you may decide to save this page to your hard disk. If you do, **make sure** you use an **.htm** extension for the file name; otherwise you may have difficulty accessing the page later.

Important consideration: Because a request saved to your hard disk contains the retrieval specifications for the table as it was on the day you saved it, it is possible for a stored request to stop functioning if, for any reason, Statistics Canada modifies the shape of the table (adding or removing a dimension, removing members from a dimension, or even deleting the table). If this happens, you will have to re-specify your selections and save your request again.

Time Series Option 2

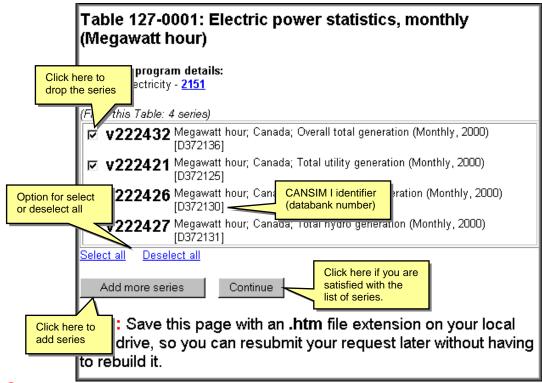
This screen lists all the time series that will be retrieved, including recent selections and previous selections if you have used the **Add more series** button.

Only series for which data actually exist are listed; this means that the number of series you see may be less than what you had expected. For example, a CANSIM table with data for Canada and the provinces might give you a choice between unadjusted and seasonally adjusted figures, but the seasonally adjusted figures are available only at the Canada level.

Some series may carry one or more of the following terms:

- **Terminated** means this series is no longer updated.
- Part-secure means that one or more data cells in the series have been suppressed, usually for confidentiality reasons.
- Secure means that all data cells in the series have been suppressed.

If you are satisfied with the list of available series, click **Continue.** If not, click the **Add more series** button.



You can drop a series from the request by removing the checkmark that appears to the left of its identifier.

If your request is recurrent (for example, you need to run it every month), you may decide to save this page to your hard disk. If you do, **make sure** you use an **.htm** extension for the file name; otherwise you may have difficulty accessing the page later.

Screen outputs and downloadable files

The screen output and downloadable file format will vary based on the selection made at the confirmation screen.

Table option 1

- Produces a rectangular arrangement of text and numeric data.
- Allows only one CANSIM table to be used at a time.

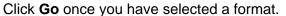
Time series option 2

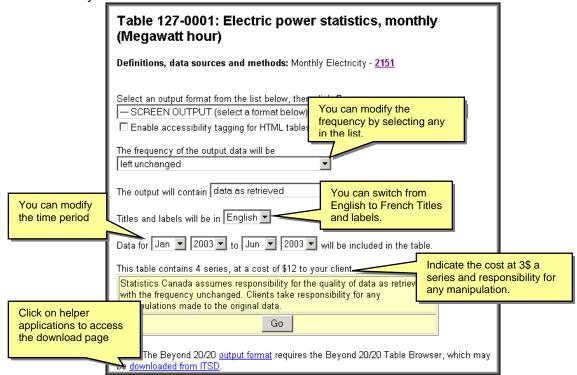
- Uses a time series model.
- Enables adding to a shopping basket of time series that can come from several CANSIM tables.

Table option 1

You have elected to display your most recent selection as a table. You must now select an output format (to help you choose, you may wish to view examples of outputs in various formats). You also have the opportunity to change the time frame and frequency for your retrieval.

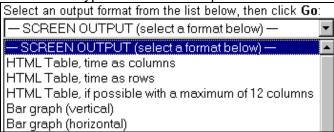
If your objective is to load the data into a spreadsheet package, the best choice for output format is a Comma-Separated Values file (CSV), although some of the newer spreadsheet software may also be able to correctly parse and load HTML outputs.





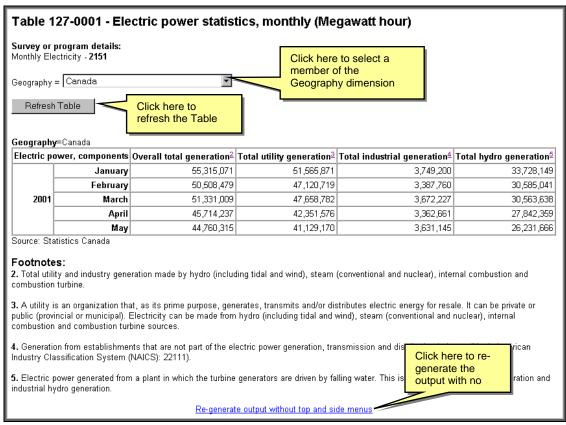
Screen output format

There are 5 types of screens output format.



Examples of screen output format

HTML Table Time as rows



There are two ways to leave the data display screen:

- Use your browser's Back button to return to the output formats screen; or
- Click the Find it link on the left menu to perform another retrieval.

This method **empties** your shopping basket of any time series it contains.

If you decide to save this page to your hard disk, **make sure** you use an .htm extension for the file name; otherwise you may have difficulty accessing the page later.

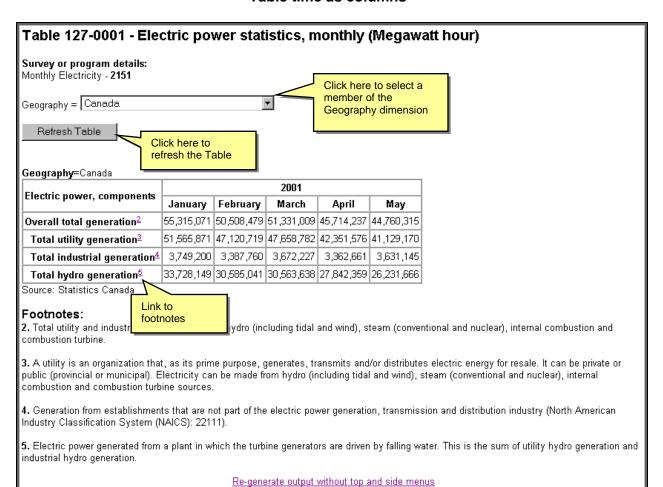


Table time as columns

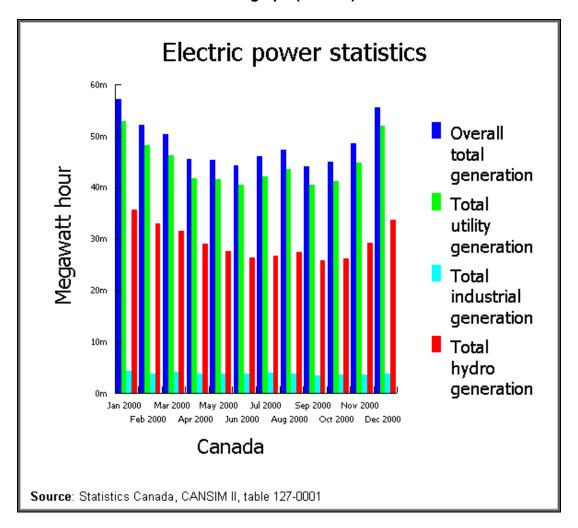
There are two ways to leave the data display screen:

- Use your browser's Back button to return to the output formats screen; or
- Click the Find it link on the left menu to perform another retrieval.

This method **empties** your shopping basket of any time series it contains.

If you decide to save this page to your hard disk, **make sure** you use an **.htm** extension for the file name; otherwise you may have difficulty accessing the page later.

Bar graph (vertical)



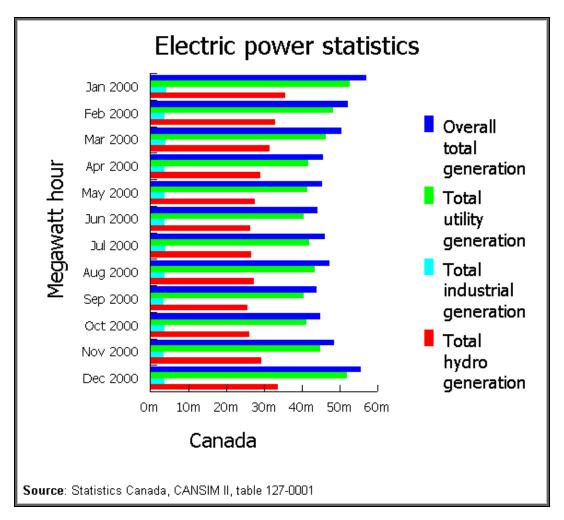
There are two ways to leave the data display screen:

- Use your browser's Back button to return to the output formats screen; or
- Click the Find it link on the left menu to perform another retrieval.

This method **empties** your shopping basket of any time series it contains.

If you decide to save this page to your hard disk, **make sure** you use an .htm extension for the file name; otherwise you may have difficulty accessing the page later.

Bar graph (horizontal)



There are two ways to leave the data display screen:

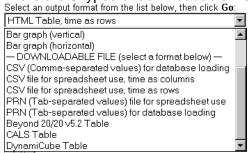
- Use your browser's Back button to return to the output formats screen; or
- Click the **Find it** link on the left menu to perform another retrieval.

This method **empties** your shopping basket of any time series it contains.

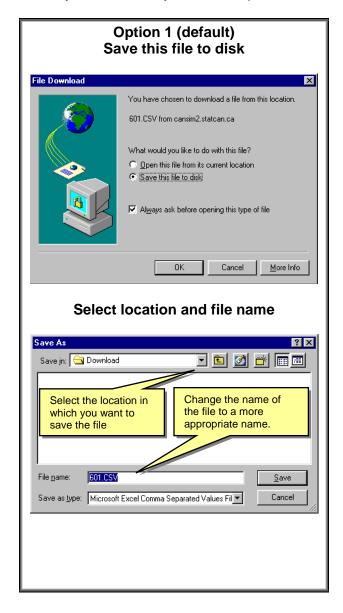
If you decide to save this page to your hard disk, **make sure** you use an **.htm** extension for the file name; otherwise you may have difficulty accessing the page later.

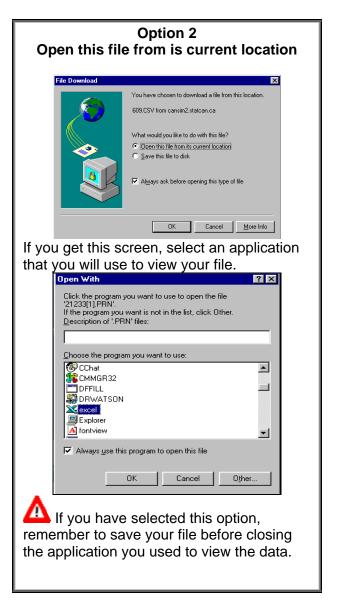
Downloadable file format

There are 8 types of downloadable file formats



After your selection, you have 2 options





Examples of downloadable format

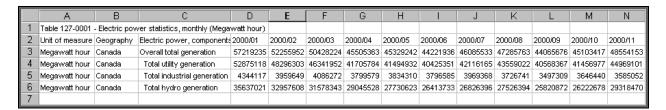
CSV for Worksheet

```
"Table 127-0001 - Electric power statistics, monthly (Megawatt hour)"
"Unit of measure", "Geography", "Electric power, components", 200001, 200002, 200003, 200004, 200005, 200006, 200007, 200008, 200009, 200010, 200011
"Megawatt hour", "Canada", "Overall total
generation", 57219235, 52255952, 50428224, 45505363, 45329242, 44221936, 46085533, 47285763, 44065676, 45103417, 48554153
"Megawatt hour", "Canada", "Total utility
generation", 52875118, 48296303, 46341952, 41705784, 41494932, 40425351, 42116165, 43559022, 40568367, 41456977, 44969101
"Megawatt hour", "Canada", "Total industrial generation", 4344117, 3959649, 4086272, 3799579, 3834310, 3796585, 3969368, 3726741, 3497309, 3646440, 3585052
"Megawatt hour", "Canada", "Total hydro
generation", 35637021, 32957608, 31578343, 29045528, 27730623, 26413733, 26826396, 27526394, 25820872, 26222678, 29318470
```

CSV for database

```
"Ref_Date","UOM","GEO","COMPONENTS","Value"
20000101,"Megawatt hour","Canada","Overall total generation",57219235
20000201,"Megawatt hour","Canada","Overall total generation",5225952
20000301,"Megawatt hour","Canada","Overall total generation",45505363
20000501,"Megawatt hour","Canada","Overall total generation",45505363
20000501,"Megawatt hour","Canada","Overall total generation",44221936
200000601,"Megawatt hour","Canada","Overall total generation",44221936
20000701,"Megawatt hour","Canada","Overall total generation",44085533
20000801,"Megawatt hour","Canada","Overall total generation",47285763
20000901,"Megawatt hour","Canada","Overall total generation",47285763
20001001,"Megawatt hour","Canada","Overall total generation",48564153
200001101,"Megawatt hour","Canada","Total utility generation",4854153
20000101,"Megawatt hour","Canada","Total utility generation",48296303
20000301,"Megawatt hour","Canada","Total utility generation",48296303
20000601,"Megawatt hour","Canada","Total utility generation",41705784
20000601,"Megawatt hour","Canada","Total utility generation",40426351
20000701,"Megawatt hour","Canada","Total utility generation",40426351
20000601,"Megawatt hour","Canada","Total utility generation",40426351
20000001,"Megawatt hour","Canada","Total utility generation",40486372
20000001,"Megawatt hour","Canada","Total utility generation",40486372
20000001,"Megawatt hour","Canada","Total utility generation",40486372
20000001,"Megawatt hour","Canada","Total utility generation",40486372
2000011,"Megawatt hour","Canada","Total utility generation",30599649
20000301,"Megawatt hour","Canada","Total industrial generation",3959649
20000301,"Megawatt hour","Canada","Total industrial generation",3959649
20000301,"Megawatt hour","Canada","Total industrial generation",3969368
20000001,"Megawatt hour","Canada","Total industrial generation",3959685
20000101,"Megawatt hour","Canada","Total industrial generation",3969368
20000001,"Megawatt hour","Canada","Total industrial generation",3969368
20000001,"Megawatt hour","Canad
                                  "Ref_Date","UOM","GEO","COMPONENTS","Value"
```

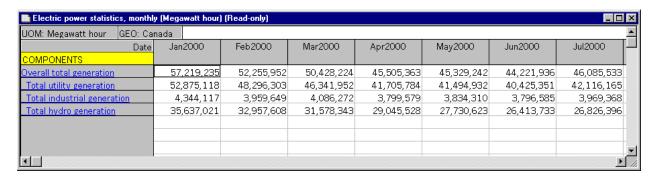
PRN (Tab-separated values) file for spreadsheet use



PRN (Tab-separated values) file for database loading

	А	В	С	D	Е
1	Ref_Date	UOM	GEO	COMPONENTS	Value
2	2000/01	Megawatt hour	Canada	Overall total generation	57219235
3	2000/02	Megawatt hour	Canada	Overall total generation	52255952
4	2000/03	Megawatt hour	Canada	Overall total generation	50428224
5	2000/04	Megawatt hour	Canada	Overall total generation	45505363
6	2000/05	Megawatt hour	Canada	Overall total generation	45329242
7	2000/06	Megawatt hour	Canada	Overall total generation	44221936
8	2000/07	Megawatt hour	Canada	Overall total generation	46085533
9	2000/08	Megawatt hour	Canada	Overall total generation	47285763
10	2000/09	Megawatt hour	Canada	Overall total generation	44065676
11	2000/10	Megawatt hour	Canada	Overall total generation	45103417
12	2000/11	Megawatt hour	Canada	Overall total generation	48554153
13	2000/01	Megawatt hour	Canada	Total utility generation	52875118
14	2000/02	Megawatt hour	Canada	Total utility generation	48296303
15	2000/03	Megawatt hour	Canada	Total utility generation	46341952
16	2000/04	Megawatt hour	Canada	Total utility generation	41705784
17	2000/05	Megawatt hour	Canada	Total utility generation	41494932
18	2000/06	Megawatt hour	Canada	Total utility generation	40425351
19	2000/07	Megawatt hour	Canada	Total utility generation	42116165
20	2000/08	Megawatt hour	Canada	Total utility generation	43559022
21	2000/09	Megawatt hour	Canada	Total utility generation	40568367
22	2000/10	Megawatt hour	Canada	Total utility generation	41456977
23	2000/11	Megawatt hour	Canada	Total utility generation	44969101
24	2000/01	Megawatt hour	Canada	Total industrial generation	4344117
25	2000/02	Megawatt hour	Canada	Total industrial generation	3959649
26	2000/03	Megawatt hour	Canada	Total industrial generation	4086272
27	2000/04	Megawatt hour	Canada	Total industrial generation	3799579
28	2000/05	Megawatt hour	Canada	Total industrial generation	3834310
29	2000/06	Megawatt hour	Canada	Total industrial generation	3796585
30	2000/07	Megawatt hour	Canada	Total industrial generation	3969368
31	2000/08	Megawatt hour	Canada	Total industrial generation	3726741
32	2000/09	Megawatt hour	Canada	Total industrial generation	3497309
33	2000/10	Megawatt hour	Canada	Total industrial generation	3646440

Beyond 20/20





Beyond 20/20 must be install on your PC to visualize that type of file.

To download Beyond 20/20 browser, click on the following link:

http://informatics/E Side/siteadmin/services/Software Services/download/software.asp

Note: A fee per month will be charged for the Beyond 20/20 Browser installed on a Statistics Canada workstation.

Time series option 2

The main purpose of this screen is to allow the selection of an output format. By default, all the time series you have collected in your shopping basket are selected, but you may use the checkmarks to include only what you wish to see in the output.

If your objective is to load the data into a spreadsheet package, the best choice for output format is a Comma-Separated Values file (CSV) or the Generic Worksheet (WK1) format, although some of the newer spreadsheet software may also be able to correctly parse and load HTML outputs.

You must perform an output format selection before clicking Go.

You also have the option of modifying the time range by changing the start or end year for the retrieval (**always** use four digits when specifying years). If the start year is left blank, data starting with the earliest available will be retrieved; if the end date is left blank, data up to the most recent will be retrieved. The time frame covered by each series appears between square brackets after the series description in the list.

Some output formats (for example, the graphics) can only be produced for the time period that is common to all series.

Frequency conversion options are also available; these are particularly useful when not all selected series have the same frequency, since all output formats except those that display series individually require that all series have the same periodicity.

Finally, you can opt to retrieve the data as is, or as a percent change computed either from period to period or with the matching period from the previous year.

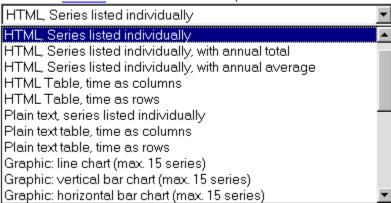
Use the **Go** button to produce output in the selected format.

Screen output format

There are 14 types screens output formats.

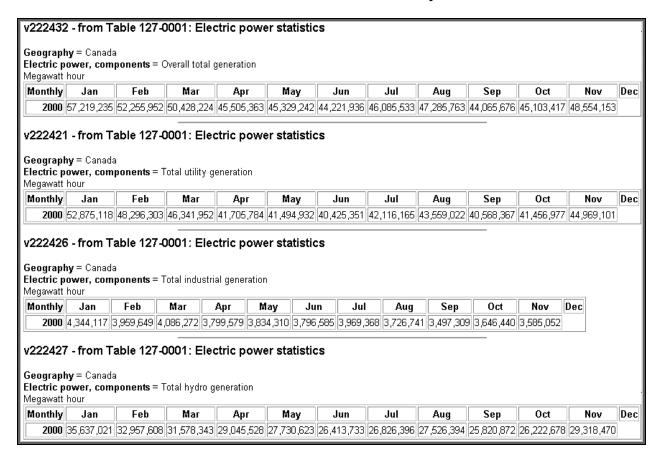
Output format selection

Select a format from the list below, then click Go:



Examples of screen output format

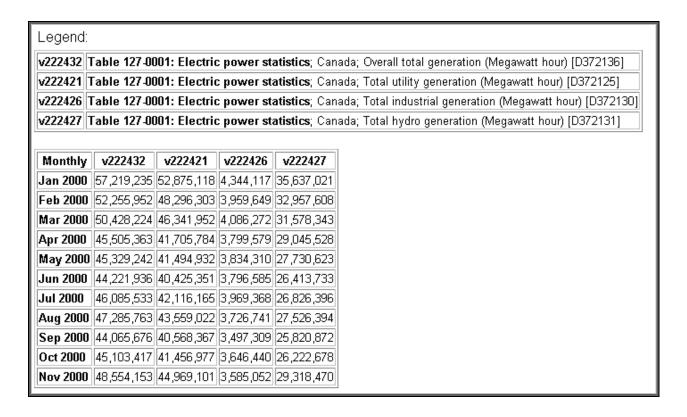
HTML Series listed individually



HTML Table, time as columns

v222432	Table 127-0001: Electric power statistics; Canada; Overall total generation (Megawatt hour) [D372136]							372136]			
v222421	22421 Table 127-0001: Electric power statistics; Canada; Total utility generation (Megawatt hour) [D372125]										
v222426 Table 127-0001: Electric power statistics; Canada; Total industrial generation (Megawatt hour) [D372130]											
v222427 Table 127-0001: Electric power statistics; Canada; Total hydro generation (Megawatt hour) [D372131]											
	10010 12	7 -000 1. E166	arc power s	ausucs, car	iaua, iotai ii	iyulo gellelal	lion (iviegavv	att nodi) [DS	72131]		
Monthly	Jan 200					Jun 2000		Aug 2000	Sep 2000	Oct 2000	Nov 2000
	Jan 200	0 Feb 2000		Apr 2000	May 2000	Jun 2000	Jul 2000	Aug 2000	Sep 2000		
v222432	Jan 200 57,219,23	Feb 2000 52 ,255,95	Mar 2000	Apr 2000 45,505,363	May 2000 45,329,242	Jun 2000 44,221,936	Jul 2000 46,085,533	Aug 2000 47,285,763	Sep 2000 44,065,676	45,103,417	48,554,15
v222432	Jan 200 57,219,23 52,875,1	Feb 2000 52 ,255,95	Mar 2000 2 50,428,224 3 46,341,952	Apr 2000 45,505,363	May 2000 45,329,242 41,494,932	Jun 2000 44,221,936 40,425,351	Jul 2000 46,085,533 42,116,165	Aug 2000 47,285,763 43,559,022	Sep 2000 44,065,676 40,568,367	45,103,417	48,554,15 44,969,10

HTML Table, time as rows

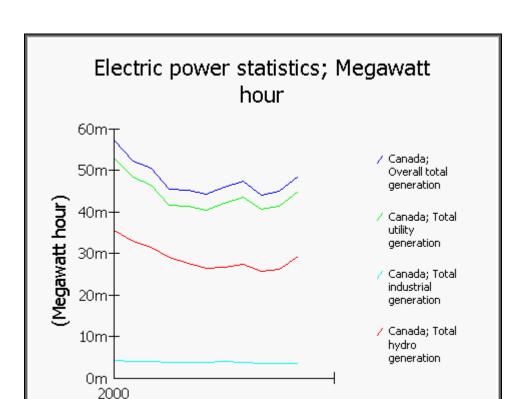


Plain text table, time as columns

```
v222432 - from Table 127-0001: Electric power statistics
Geography = Canada
Electric power, components = Overall total generation
Megawatt hour
                       Feb
Monthly
               Jan
                                Mar
                                         Apr
                                                 Mav
                                                          Jun
                                                                  Jul
                                                                            Aug
                                                                                    Sep
                                                                                             Oct
                                                                                                      Nov
                                                                                                               Dec
2000_
         7,219,2352,255,9520,428,2245,505,3635,329,2424,221,9366,085,5337,285,7634,065,6765,103,4178,554,153
v222421 - from Table 127-0001: Electric power statistics
Geography = Canada
Electric power, components = Total utility generation
Electric -
| Megawatt hour
| Jan
                     Feb
                                      Apr
                              Mar
                                              May
                                                       Jun Jul
                                                                                    Sep
                                                                          Aug
                                                                                             Oct
                                                                                                      Nov
                                                                                                               Dec
         2,875,1188,296,3036,341,9521,705,7841,494,9320,425,3512,116,1653,559,0220,568,3671,456,9774,969,101
v222426 - from Table 127-0001: Electric power statistics
Geography = Canada
Electric power, components = Total industrial generation
Electric possible Megawatt hour Jan
                                                                                           Nov
                     Feb
                            Mar
                                   Apr
                                           May Jun
                                                          Jul
                                                                    Aug
                                                                           Sep
                                                                                    Oct
2000_
         ,344,117,959,649,086,272,799,579,834,310,796,585,969,368,726,741,497,309,646,440,585,052
v222427 - from Table 127-0001: Electric power statistics
Geography = Canada
Electric power, components = Total hydro generation
Megawatt hour
Monthly
               Jan
                       Feb
                                Mar
                                         Apr
                                                 May
                                                          Jun
                                                                   Jul
                                                                            Aug
                                                                                     Sep
                                                                                             Oct
                                                                                                               Dec
         5,637,0212,957,6081,578,3439,045,5287,730,6236,413,7336,826,3967,526,3945,820,8726,222,6789,318,470
2000_
```

Plain text table, time as rows

```
Legend:
v222432
               Table 127-0001: Electric power statistics; Canada; Overall total generation (Megawatt hour) [D372136]
v222421
              Table 127-0001: Electric power statistics; Canada; Total utility generation (Megawatt hour) [D372125]
               Table 127-0001: Electric power statistics; Canada; Total industrial generation (Megawatt hour) [D372130]
v222426
v222427
              Table 127-0001: Electric power statistics; Canada; Total hydro generation (Megawatt hour) [D372131]
Monthly
                    v222432
                                   v222421
                                                 v222426
                                                                 v222427
                57,219,235 52,875,118 4,344,117 35,637,021
Jan 2000
                57,219,235 52,875,118 4,344,117 35,637,021 52,255,952 48,296,303 3,959,649 32,957,608 50,428,224 46,341,952 4,086,272 31,578,343 45,505,363 41,705,784 3,799,579 29,045,528 45,329,242 41,494,932 3,834,310 27,730,623 44,221,936 40,425,351 3,796,585 26,413,733 46,085,533 42,116,165 3,969,368 26,826,396
Feb 2000
Mar 2000
Apr 2000
May 2000
Jun 2000
Jul 2000
                 47,285,763 43,559,022 3,726,741 27,526,394
Aug 2000
Sep 2000
                 44,065,676 40,568,367
                                                3,497,309 25,820,872
Oct 2000
                 45,103,417 41,456,977
                                               3,646,440 26,222,678
Nov 2000
                 48,554,153 44,969,101
                                               3,585,052 29,318,470
```



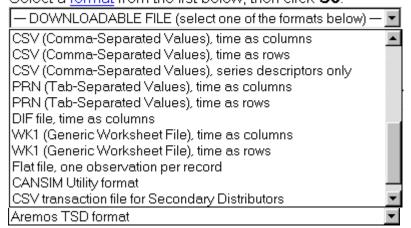
Graphic: line chart (max. 15 series)

Downloadable file format

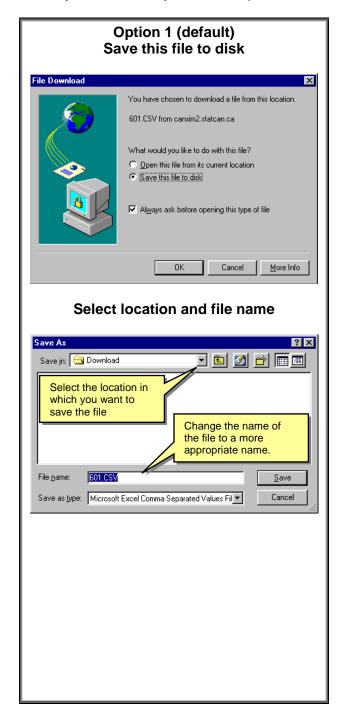
There are 12 types of downloadable file.

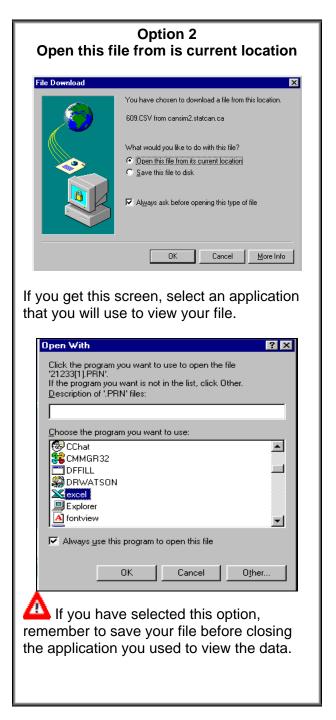
Output format selection

Select a format from the list below, then click **Go**:



After your selection, you have 2 options





Tips and hints

- 1. To retrieve all available Tables in the CANSIM database, enter an * in the box on the **Table Number Search screen** (see page 21).
- 2. To select a range of tables, enter the first table number followed by .. and then the last table of the range in the box on the **Table Number Search screen** (see page 21).
- 3. To retrieve related tables, use first tree digits of the table number followed by * (Remember leading zeros are not necessary). For example 256* retrieves all the tables related to 256-_
- 4. If only one item in the pick list it is automatically selected.
- 5. If no dates appear in the "date" boxes, no data has been loaded.

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CANSIM User Guide

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Fax:	1 800 889-9734 (613) 951-1584	TDD:	1 800 363-7629
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