

# Visual Analytics

## User Guide

March 2021

Health Analytics and Insights Branch

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# How to clear your internet cache (for Google Chrome)

If you are encountering problems loading reports or report visualizations, it may be related to your web browser's cached memory of images and files. Loading speeds can be improved by clearing your browser's cache and reloading the webpage, as shown below.

The image shows a screenshot of the Google Chrome Settings page. The browser's address bar shows 'chrome://settings'. The settings page is divided into sections: 'Open the New Tab page', 'Continue where you left off', 'Open a specific page or set of pages', and 'Advanced'. The 'Advanced' section is expanded, showing various options like 'Use a web service to help resolve navigation errors', 'Use a prediction service to help complete searches and URLs typed in the address bar', 'Use a prediction service to load pages more quickly', 'Automatically send some system information and page content to Google to help detect dangerous apps and sites', 'Protect you and your device from dangerous sites', 'Automatically send usage statistics and crash reports to Google', 'Send a "Do Not Track" request with your browsing traffic', 'Use a web service to help resolve spelling errors', 'Manage certificates', 'Content settings', and 'Clear browsing data'. The 'Clear browsing data' option is highlighted with a red arrow. A callout box points to the 'Clear browsing data' option, stating: '4. Select "Clear browsing data" from the "Privacy and security" section. Make sure the "Cached images and files" box is checked and then click "Clear Data"'. Another callout box points to the 'Advanced' section, stating: '3. Click "Advanced" at the bottom of the screen to expand the menu'. A third callout box points to the 'Settings' option in the Chrome menu, stating: '2. Click "Settings" in the menu'. A fourth callout box points to the three vertical dots in the top right corner of the browser window, stating: '1. Click the three vertical dots to open the menu.'

1. Click the three vertical dots to open the menu.

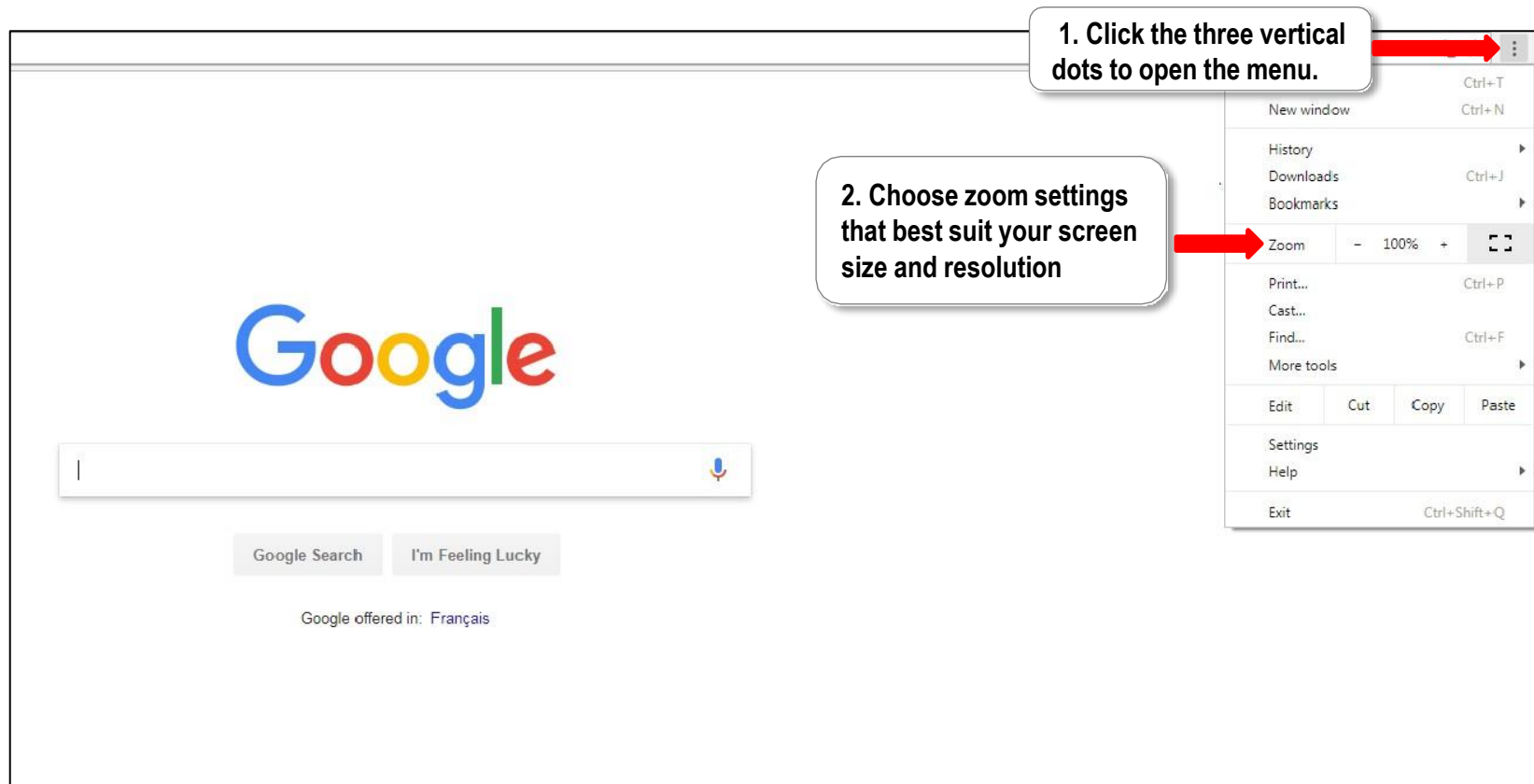
2. Click "Settings" in the menu

3. Click "Advanced" at the bottom of the screen to expand the menu

4. Select "Clear browsing data" from the "Privacy and security" section. Make sure the "Cached images and files" box is checked and then click "Clear Data"

# How to change the zoom in Google Chrome to fit screen

In order to change the scale of the report, or to adjust reports to fit the size of your screen, follow the instructions below.



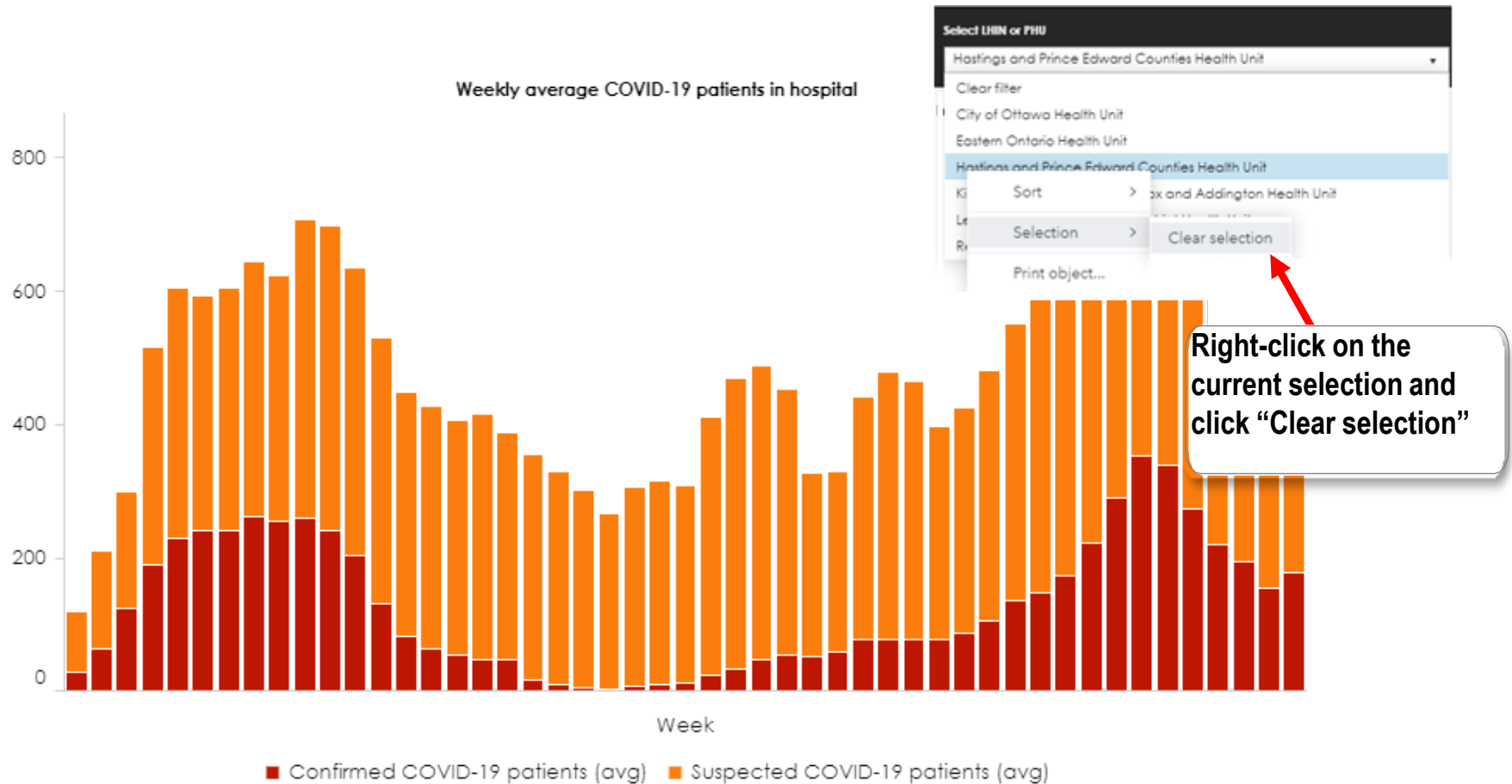
The image shows a screenshot of the Google Chrome browser interface. The Google logo is centered at the top, with a search bar below it. Two buttons, "Google Search" and "I'm Feeling Lucky", are positioned below the search bar. At the bottom, it says "Google offered in: Français". On the right side, the Chrome menu is open, showing options like "New window", "History", "Downloads", "Bookmarks", "Zoom", "Print...", "Cast...", "Find...", "More tools", "Edit", "Cut", "Copy", "Paste", "Settings", "Help", and "Exit". A red arrow points from a callout box to the three vertical dots in the top right corner of the browser window. Another red arrow points from a second callout box to the "Zoom" option in the menu.

**1. Click the three vertical dots to open the menu.**

**2. Choose zoom settings that best suit your screen size and resolution**

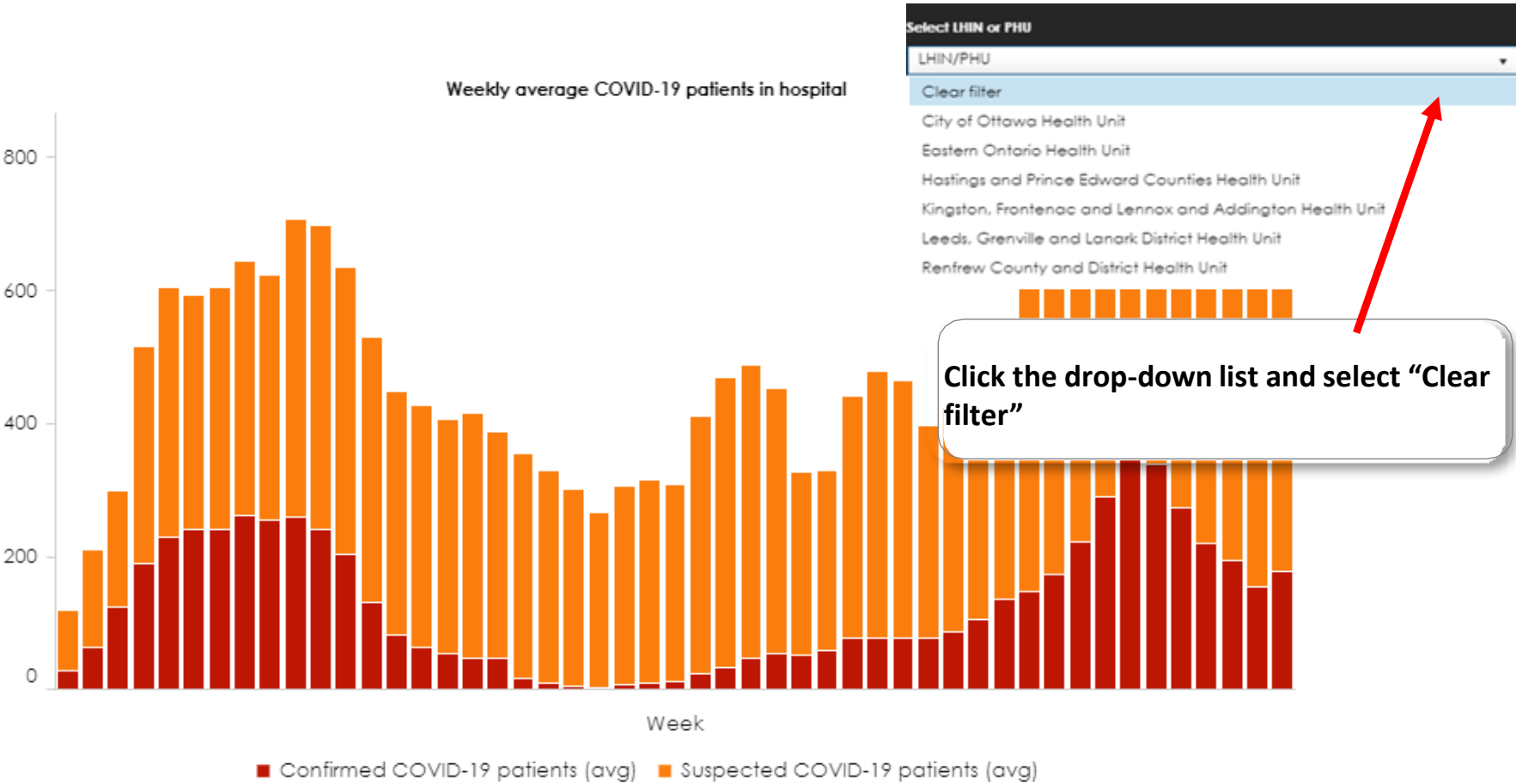
## How to clear your selection

If a table or figure is showing filtered results, it can be restored to its default setting by following the instructions below.



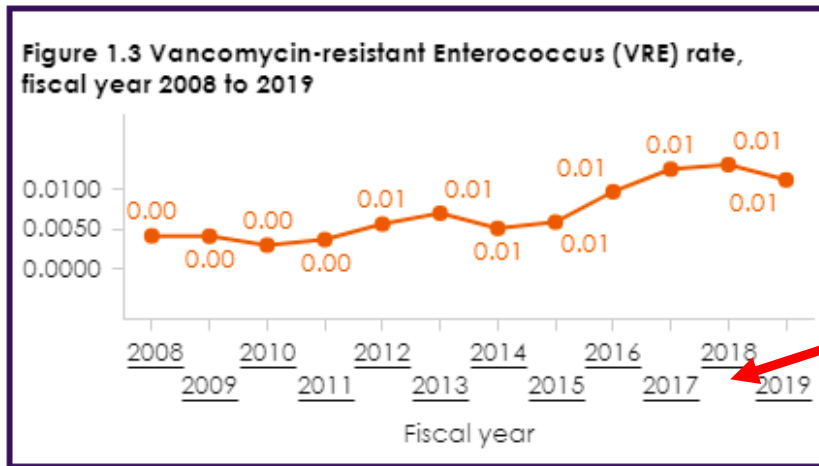
# How to reset drop-down filters

If a page's results are filtered using a button or drop-down menu, you can restore the results to the default setting by clearing the filter as shown below.



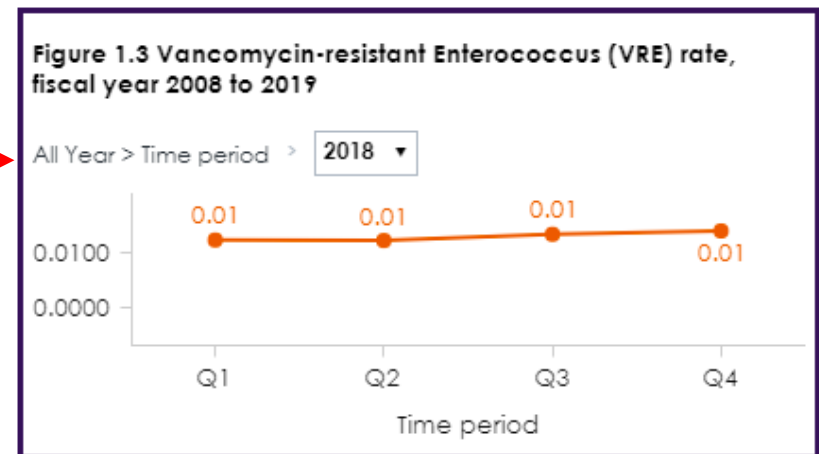
## How to use drill-down function

On figures with a drill down function, you can view data broken down to a smaller unit and restore the results to default view. An example of this is shown below.



1. Click on the underlined fiscal year to drill-down data to fiscal quarters.

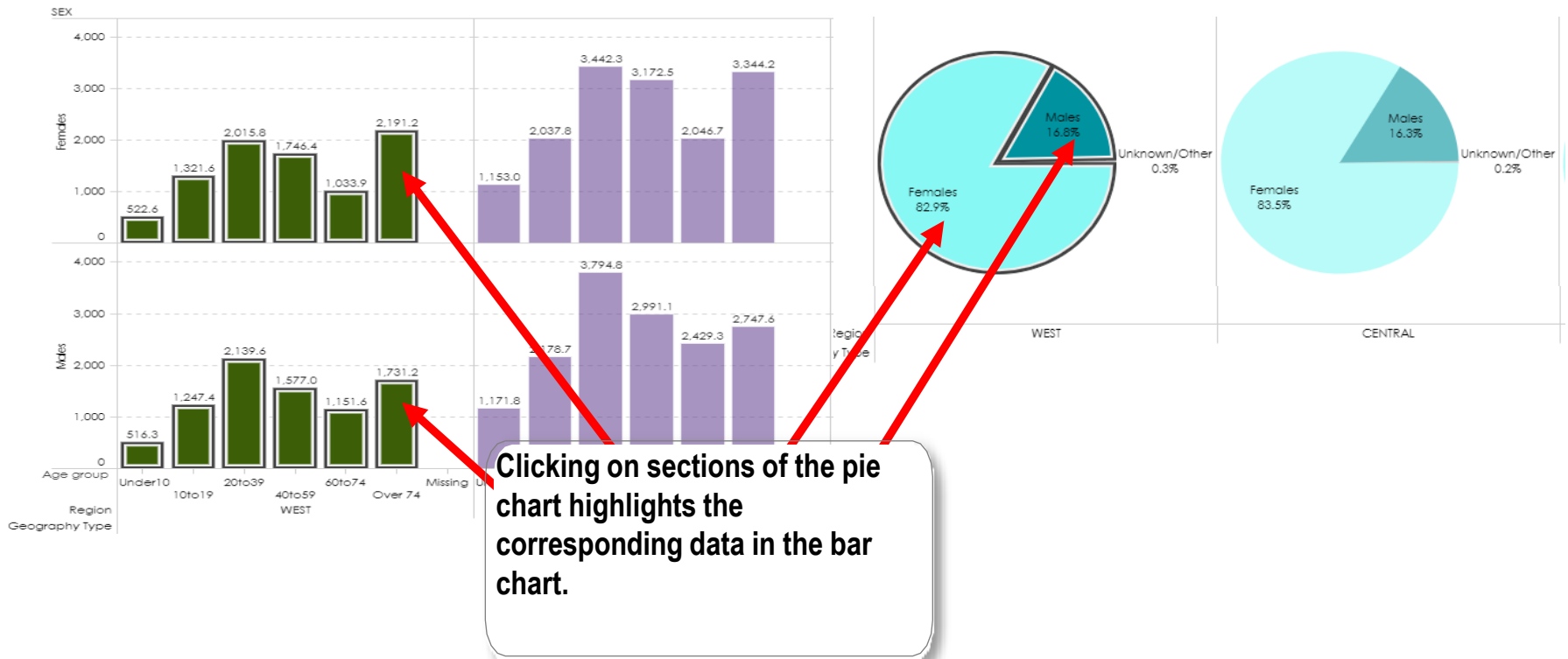
2. Click on 'All Year' to restore figure to display data by Fiscal Year.



# How to utilize data brushing

Data brushing is a feature of some visualizations where the user can select items in one table/graph and have the corresponding data highlighted in other tables/graphs, as shown below.

When data is selected, you can clear your selection by clicking on the white space within the figure you originally clicked on. Hold 'CTRL' and click to select multiple items.





# How to sort in ascending and descending order

Users can organize tables by sorting a column in ascending or descending order.

As of date ▲		Feb/2										
Period ▼		2021 Wee										
Region ▲	LHIN/PHU ▼	Cases	Cases (per 100,000)	Cases (r	Cases (r	Cases (r	Cases (r	Cases (r	Cases (r	Cases (r	Health Care Worker Cases	Health Care Worker Cases (LTC)
CENTRAL EAST PHUs	Peterborough County-City Health Unit	32	21.6									
	Haliburton, Kawartha, Pine Ridge District Health Unit	38	20.1									
	Simcoe Muskoka District Health Unit	272	45.4							13		2
	Durham Regional Health Unit	295	41.4							10		1
	York Regional Health Unit	835	68.1							12		0
	Peel Regional Health Unit	1,350	84.1							36		4

Sort >

✓ Cases (non-LTCH): Ascending 0

Cases (non-LTCH): Descending 0

Add cell graph >

Show totals

Show subtotals

Use abbreviated numerical value

Restore view

Save image

Export data...

Print object...

**Right-click a column heading, choose "Sort", then click either "Ascending" or "Descending"**

Ascending order

Descending order

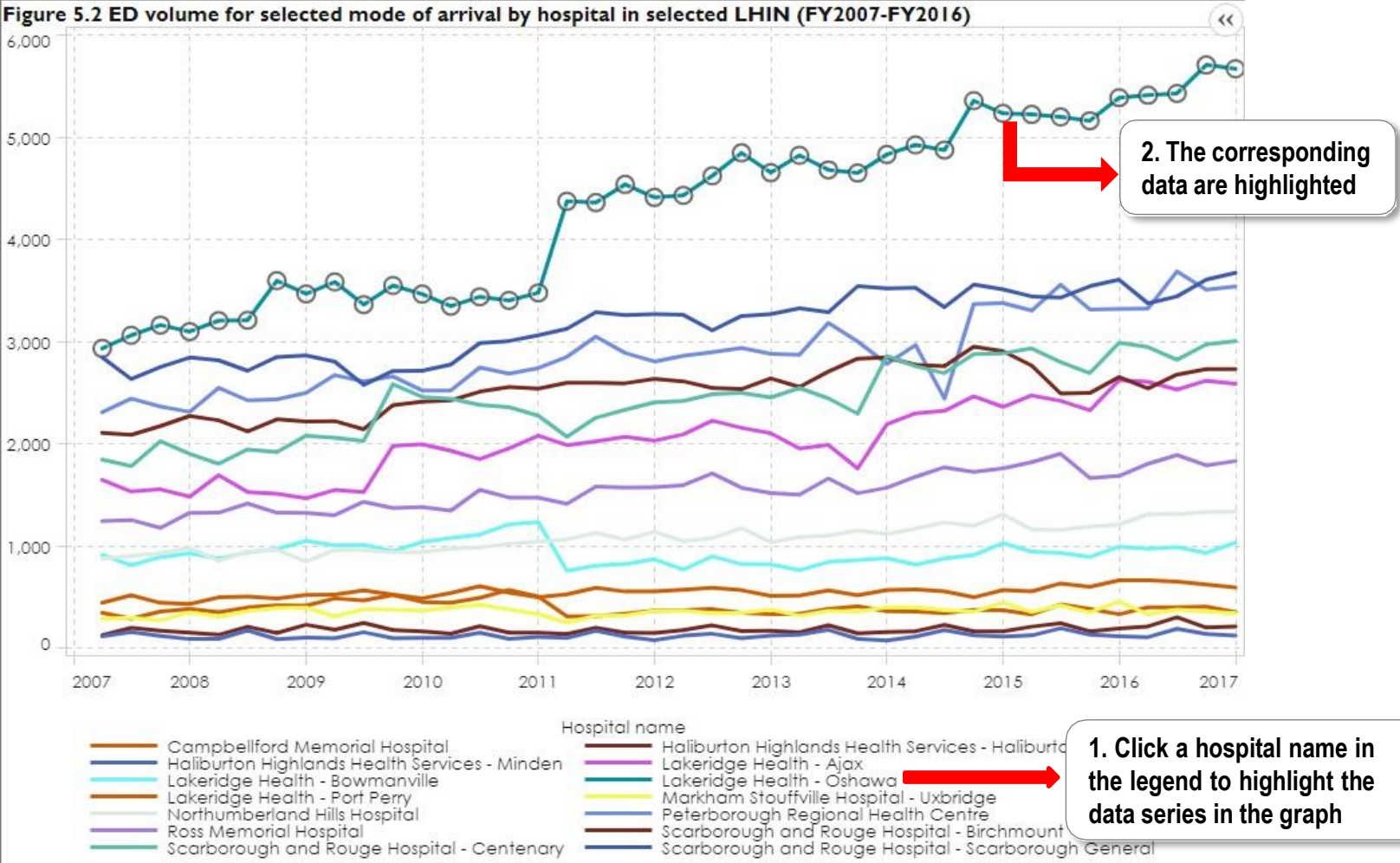
As of date ▲		Feb/2										
Period ▼		2021 Wee										
Region ▲	LHIN/PHU ▼	Cases ▲	Cases (per 100,000)	Cases (r	Cases (r	Cases (r	Cases (r	Cases (r	Cases (r	Cases (r	Health Care Worker Cases	Health Care Worker Cases (LTC)
CENTRAL EAST PHUs	Peterborough County-City Health Unit	32	21.6									
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As of date ▲		Feb/2										
Period ▼		2021 Wee										
Region ▲	LHIN/PHU ▼	Cases ▼	Cases (per 100,000)	Cases (r	Cases (r	Cases (r	Cases (r	Cases (r	Cases (r	Cases (r	Health Care Worker Cases	Health Care Worker Cases (LTC)
CENTRAL EAST PHUs	Peterborough County-City Health Unit	1,350	84.1									
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	Simcoe Muskoka District Health Unit	295	45.4							13		2
	Durham Regional Health Unit	272	41.4							10		1
	York Regional Health Unit	38	20.1							12		0
	Peel Regional Health Unit	32	21.6							36		4

**Clicking on the column headings will also sort the column**

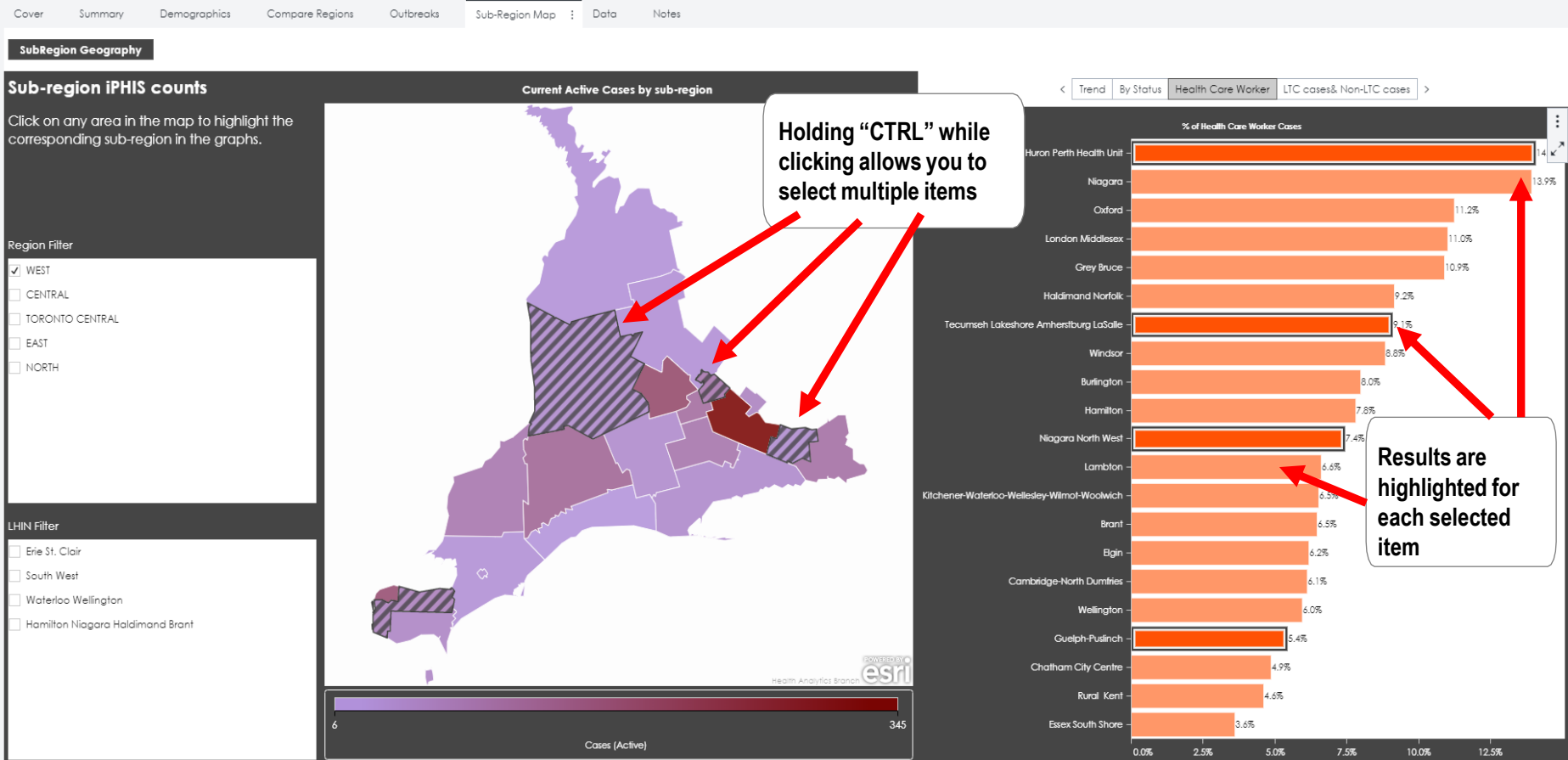
# How to highlight data of interest

Graphs containing a legend allow you to highlight a data series by selecting it in the legend. Note that multiple data series can be highlighted by holding CTRL and clicking each one.



# How to select multiple items within objects

Multiple items can be selected within a figure or table to highlight or filter the corresponding data in another figure/table on the page. An example of this is shown below.



## How to pan on a map and select specific areas

Users can pan on a map to view regions outside the area that the report displays. Do this by clicking on the map and dragging in the direction you want the map to move. Users can also select areas on the map to highlight specific data within that area. Different selection methods can be accessed by following the instructions below.

Note: This feature only applies to maps that exist directly in the report, it does not work for maps that open outside of the VA application.

The screenshot displays a map titled "Current Active Cases by sub-region" showing a geographical area divided into sub-regions. A legend at the bottom indicates a scale from 8 to 358. A context menu is open over the map, showing options for "Rectangular selection" and "Zoom to rectangle". A red arrow points to the "Pan" icon in the top right corner of the map interface, and another red arrow points to the context menu.

1. Hover over the figure and this bar will appear

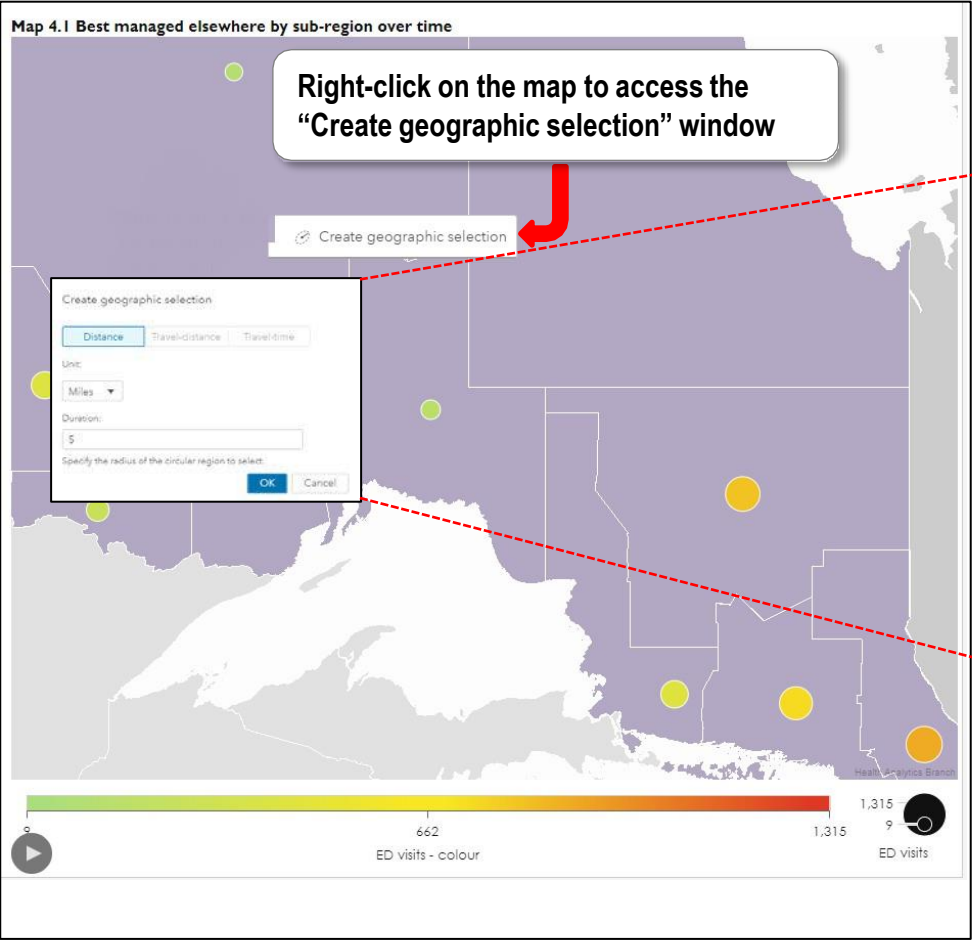
2. Right click on "Pan" icon for a list of selection options

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8 358

# How to select specific geographic areas in time-lapse maps

Time-lapse maps allow you to specify a geographic area to display. The radius of your selection can be customized as shown below.



Create geographic selection

Distance | Travel-distance | Travel-time

Unit: Miles

Duration: 5

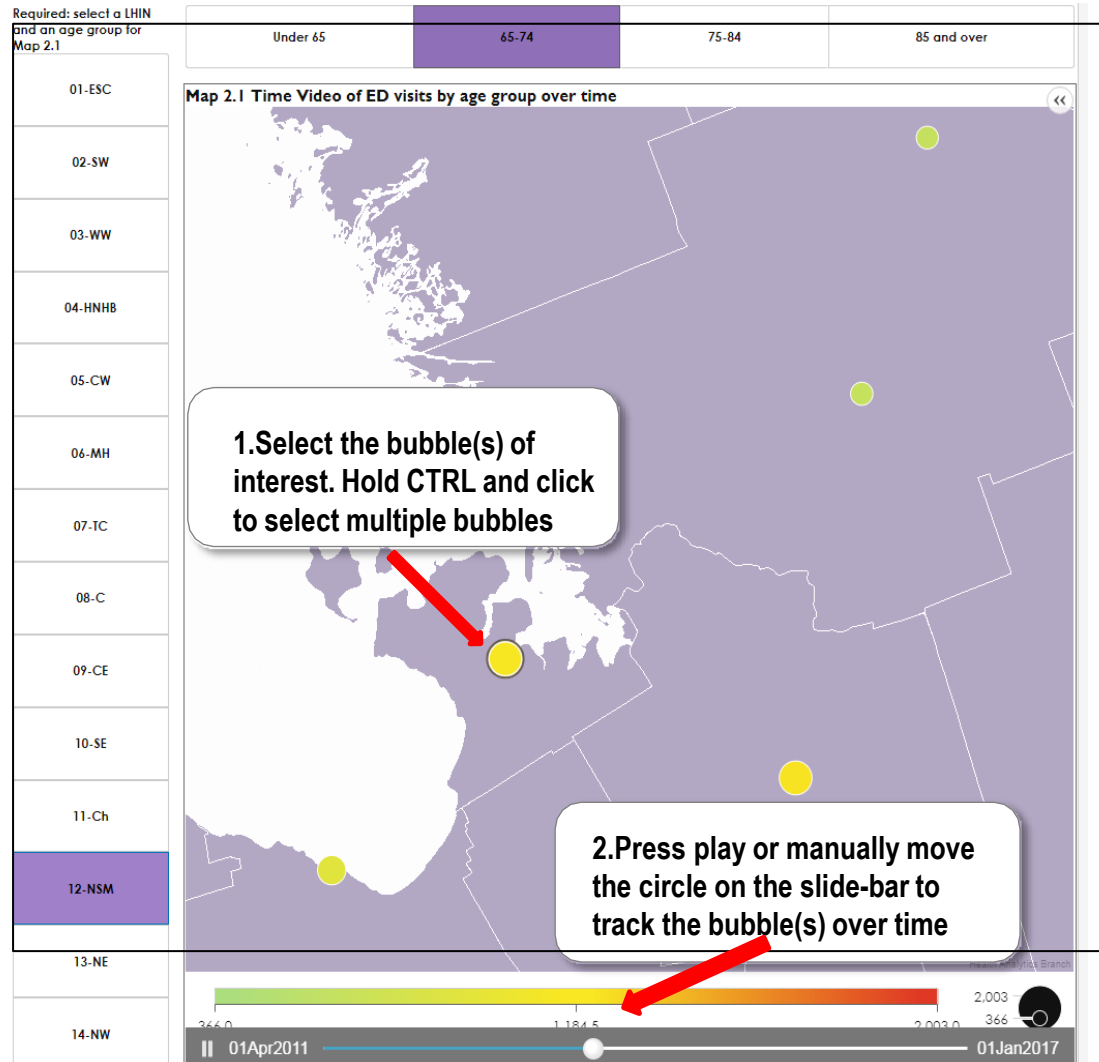
Specify the radius of the circular region to select.

OK Cancel

Customize geographic selection

# How to track the movement of select bubbles in an animated bubble plot

Users can monitor the change in data represented by bubbles on an animated bubble plot by following the instructions below.



## How to view a specific year in an animated plot

Users can view data for a specific point in time on an animated graph by following the instructions below.



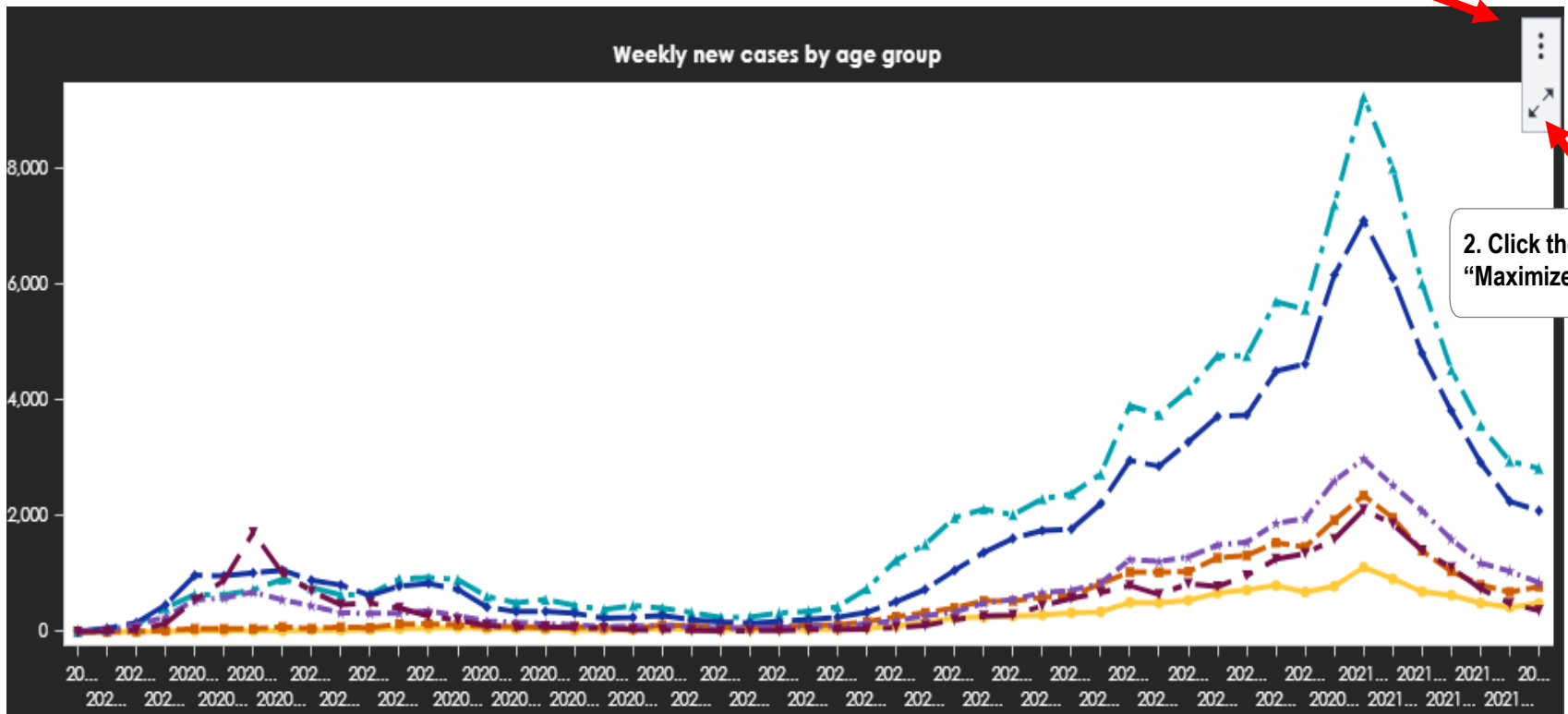
1. Make sure the visualization is stopped (▶ button showing)

2. Click and drag cursor to a specific point in time

# How to expand an object to fill the screen

If you would like enlarge an image to see it better follow the instructions below.

1. Hover over the figure and this bar will appear

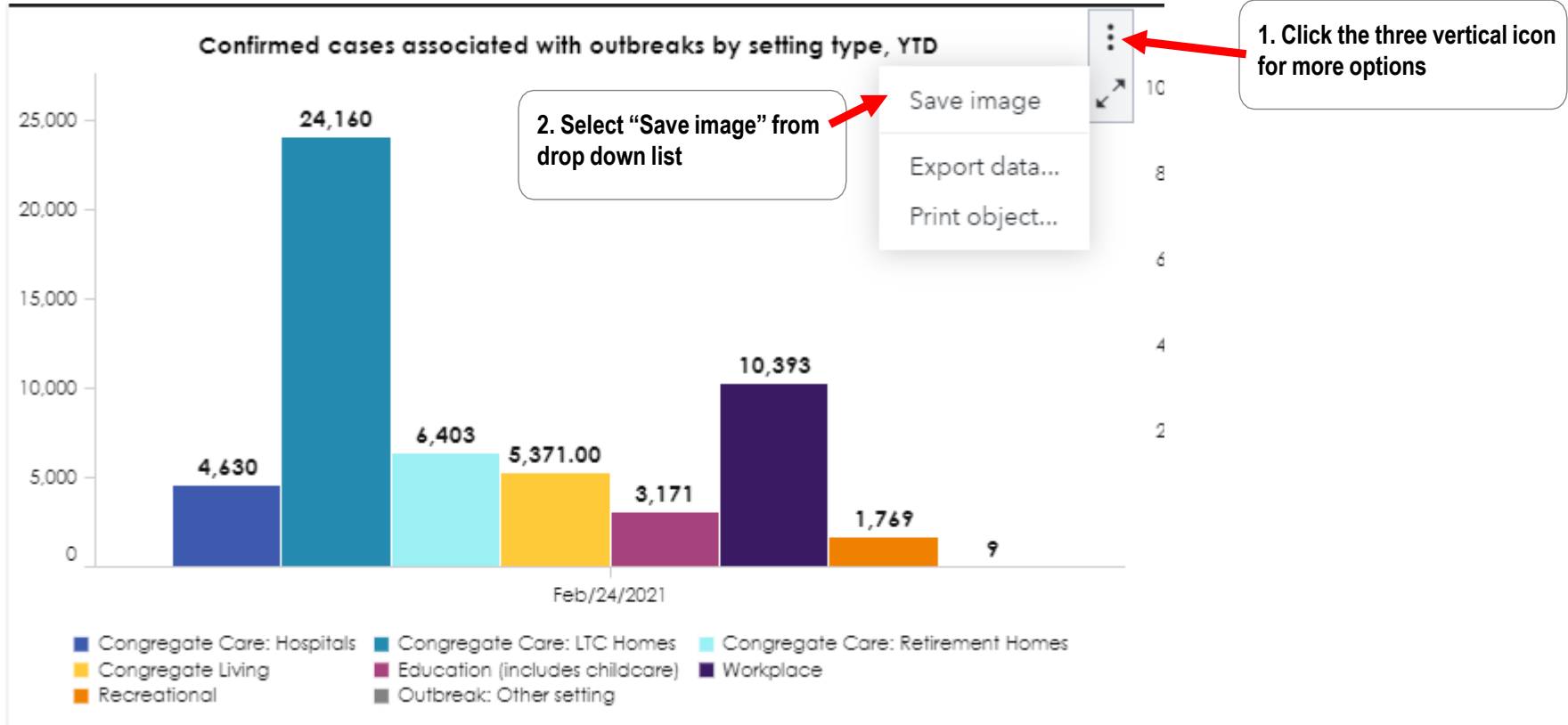


2. Click the "Maximize" icon



# How to save an image

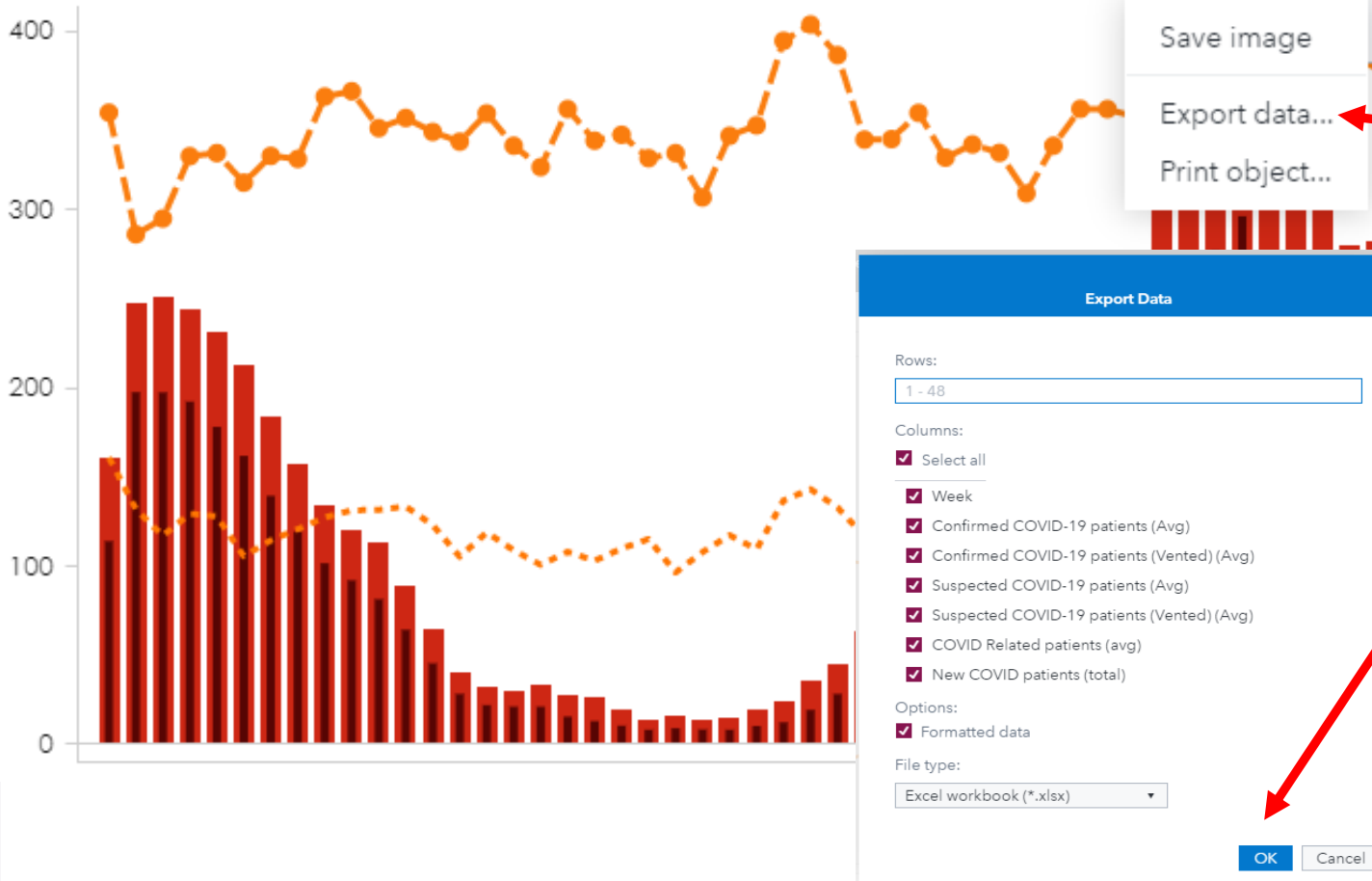
You can save an image of any report object as a PNG file using the following steps.



# How to export data to Excel

The data used for a particular visualization can be exported as an Excel file by following the instructions below.

Weekly average COVID-19 patients in ICU (Confirmed & Suspected)



1. Click the three vertical icon for more options

2. Select "Export data" from drop down list

3. Select/de-select columns of interest from this pop-up window and click "OK"

# How to export pages/objects of a report to PDF (for printing)

You can convert pages of a report, or specific objects within the report, to a PDF using the Print menu. Converting to PDF allows you to print easily using your Adobe or PDF viewer application.

**1. Click the three vertical icon for more options**

**2. Click "Print" from the menu options**

**3. Click "Select Objects" tab and use the expandable menus to select which sections/objects to print**

**Print to PDF**

Document Setup | **Select Objects**

Choose visual elements:  
 Print all items  Print selected items

Objects:

- Select
  - Table of Contents
  - Summary
  - 1. Critical Care
  - 2. Inpatient
  - 3. Assessments
  - 4. PPE
    - PPE
    - PPE
    - Select Region:
    - Select LHIN:
    - Select community:
    - Select hospital:
    - N95 Masks (non-expired)
    - Surgical masks
    - Surgical Gowns
    - PPE Eyewear
    - PPE Footwear

**Print** **Cancel**