Quick Start

1. Please review the **Disclaimer** prior to using the BC Economic Atlas (BCEA).

2. Add **economic-related information** - See "BC Economic Layer Menu" section.

3. Add **other map data.**

4. Open and close the **Toolbar.**

5. Clicking the **Home** icon returns you to the home panel.

6. Click the layers icon to turn layers on and off - See "Map Layers" section.

7. I want to...Menu - See "I want to...Menu" section.

8. Search map features, place names or addresses.

9. Zoom in or out.

10. Base Maps - select different base maps.

11. Visit the BCEA home page (www.gov.bc.ca/economicatlas) for other tutorial documents.
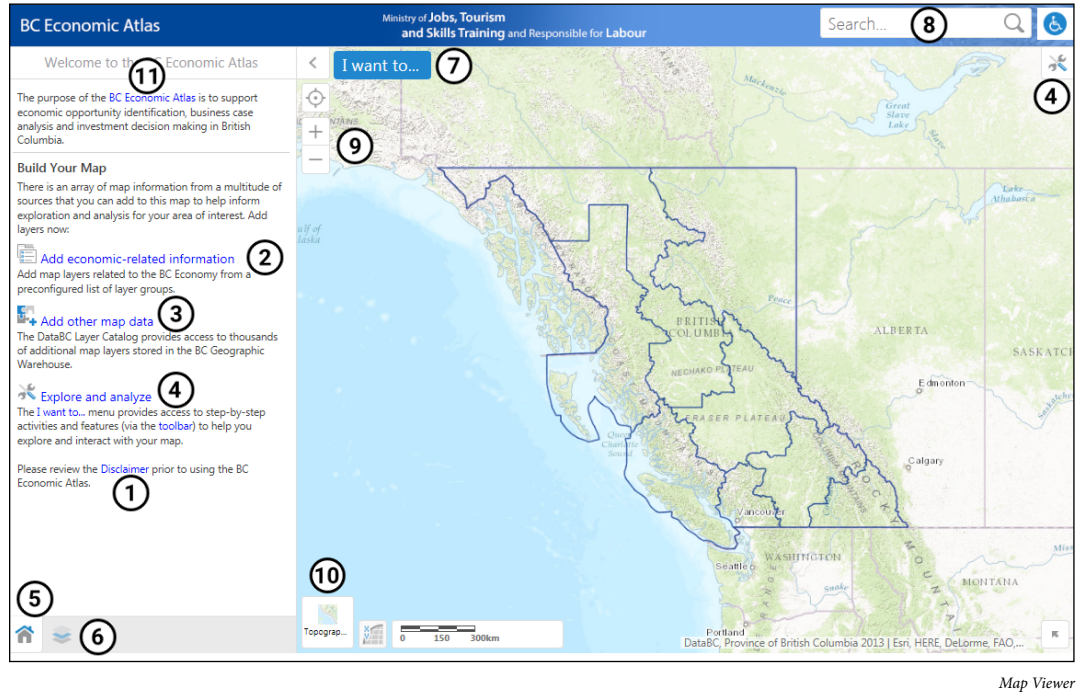
Map Viewer

BC Economic Layer Menu

1. Select the **Layer Groups** in the left column.

2. Click **Add** in the centre column to add layers individually or **Add All** to add all map layers from the active layer group.

3. For more information about layer groups or map layers select the check box for **Show Group Descriptions** or **Show Information Descriptions.**

4. To learn more about each map layer view the metadata record for each layer by clicking the hyperlinked map layer title.

5. Click **Finish** on the bottom right of the layer menu to add layers to the map.

6. To remove map layers click **Remove** or **Remove All** from the Added Layer(s) column on right. Click **Finish** again to commit the changes to the map.
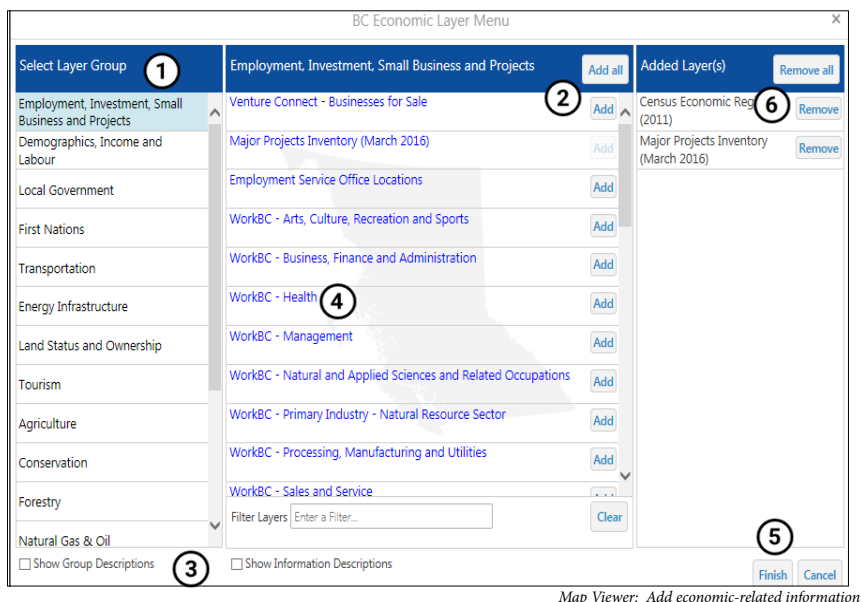
Map Viewer: Add economic-related information

I want to... Menu

- **Add economic-related information** - Add map layers related to the BC Economy.
- **Add other map data** - Add additional map layers stored in the BC Geographic Warehouse.
- **Change visible map layers** - Turn layers on and off, perform layer actions, and access the legend.
- **View map legend** - Figure out what a point, line, or shape on the map represents.
- **Learn about the map** - Click, tap, or draw a rectangle on the map to identify features.
- **Use tools to get stuff done** - Measure distance, print a map, learn more about a given feature, and much more.
- **View the home panel** - View information about this application.

Map Viewer: I want to...

Map Layers

Layers - View the list of map layers

1. Press the − and + to collapse or expand layer groups.

2. Use the check boxes to turn layers on or off.

3. Light grey layer names indicate a layer will not draw at the current scale. Zoom in until the layer appears or click the › icon next to each layer name. This will allow you to Zoom to visible scale

4. Click to see additional legend information for layers symbolized by unique values.

5. The **Panel Actions Menu** will display a tool to **Show Legend**.

6. Toggle between base maps using the check boxes.
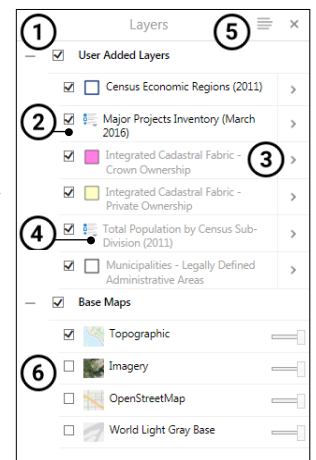
I want to...Change visible map layers

Measuring

Measurement - Measure distance or make area/perimeter measurements on the map.

1. Click the drop down next to the Measure icon to show the measure options. Click a measurement type, e.g., Polygon, Freehand Line etc.

2. Once a measurement type is selected you can select the appropriate measurement unit. Draw the line or area on the map. Note: Measurement units can be changed after the distance or area has been drawn.

Meters (m) ▼
Meter² (m²) ▼

3. Click on the map to start your measurement. Each click represents a corner of your line/area. Double click to stop editing your feature. Click on the map again to make a new measurement.

4. The calculated area or line can be edited or erased using the **Edit** or **Erase** tools on the Edit drop down. Clicking **Clear** will remove all measurements from the map.
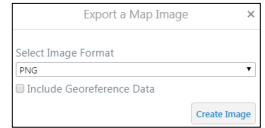
Edit   Erase   Clear

Measurement & Analysis: Advanced Measurement

Drawing Tools

Add custom drawings or text to the map. Drawing markup can be saved as a GIS shapefile.

Point - Click on the map to make points.

Text - Click on the map where you want to write your text. Type your text entry in the pop up window.

Line - Click to identify the corners of the line. Double click to stop drawing.

Freehand - Click and drag your mouse to draw your line. Release your mouse to stop drawing.

Freehand Shape - Click and drag to form the shape edges. Release your mouse to form the polygon.

Ellipse - Click to indicate the centre. Drag your mouse outwards and release to form the polygon.

Polygon - Click and drag to form the shape edges. Release your mouse to form the polygon.

Circle - Click to indicate the centre. Drag your mouse outwards and release to form the polygon.

Rectangle - Click and drag your mouse to form rectangles.

Edit Drawings - To change the shape or edit text click the **Edit** tool.

Move - Click and drag the shape.

Rotate - Click and drag the top centered square above the shape.

Scale - Click and drag one of the white squares located on either corner.

Change shape - Click and drag a white or grey dot.

Delete a corner - Right click on a grey dot and select Delete.

Select the **Styles** tool to change the colour or font.

Click **Erase** and then click on the shape to remove it from the map.

Click **Clear** to remove all drawings from the map.

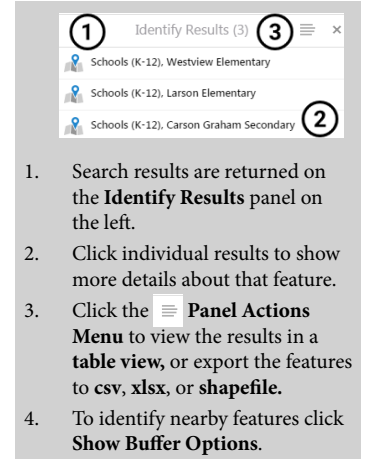*Maps & Data: Draw*

Bookmarks

Bookmarks - Bookmark extent

Bookmark the current map extent so that you can return to it later. Bookmarks are stored in your internet browser cache.

Basic Tools: Navigation

Finding Data (Identify) Tools

Identify Features - Click the drop down for identify options. Choose from the following options to identify the features on your map.

Point - Click on a location on the map.

Freehand - Click and drag your mouse to draw your line. Release your mouse to end the line.

Line - Click to identify the corners of the line. Double click to end the line.

Polygon - Click to identify the corners of the polygon. Double click to indicate finishing the polygon.

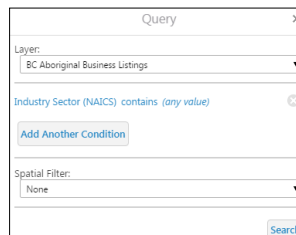**Rectangle** - Click and drag your mouse to form rectangles.

Identify Results (3)

① Schools (K-12), Westview Elementary
Schools (K-12), Larson Elementary
Schools (K-12), Carson Graham Secondary ②
③

1. Search results are returned on the **Identify Results** panel on the left.
2. Click individual results to show more details about that feature.
3. Click the ☰ **Panel Actions Menu** to view the results in a **table view,** or export the features to **csv, xlsx,** or **shapefile.**
4. To identify nearby features click **Show Buffer Options**.

Basic Tools: Find Data

Querying and Filtering

Query or **Filter** - **Query** selects features that meet the criteria. **Filter** removes features from the selected layer that do not meet the filter criteria. Choose from the following options to query or filter features on the map:

1. Choose a layer to perform the query/filter on.

2. Create a query/filter definition based on the field name and value or condition you are interested in.

Query ✕
Layer:
BC Aboriginal Business Listings ▼
Industry Sector (NAICS) contains *(any value)*
Add Another Condition
Spatial Filter:
None ▼
Search

3. Click **Add Another Condition** to add another definition.

4. Leave **Spatial Filter** as is or choose **Current Extent** to query/filter the area seen in the map viewer only.

5. Click **Search**.

Measurement & Analysis: Find Data

Export Options

GeoTIFF Image - Create a GeoTIFF image URL for offline accesss. Export your map with georeferencing information embedded in a TIFF image that can be downloaded via a web-link URL. You can view this image in third-party apps such as: Avenza Maps.

Export - Export the current map as an image.

Export a Map Image ✕
Select Image Format
PNG ▼
☐ Include Georeference Data
Create Image

1. Select the image format (PNG, BMP, JPEG, TIFF, GeoTIFF, or PDF).
2. Check the box beside **Include Georeference Data** to include georeference data.
3. Click **Create Image** to view or download the file.

Share - Share the current map on the most common forms of Social Media. Choose between Facebook, Twitter, LinkedIn, Google+, or Email to share your current map. Note: The share tool currently only supports sharing the current map location and base map - user added map layers or drawings will not be shared.

Maps & Data: Export

Google Street View

Displays an interactive Google Street View for the corresponding location on the map (if available).

Maps & Data: Linked Maps

Creating a Printable Map

Print - Prints the current map in PDF, JPG or PNG format.

1. Choose a layout (**Default** layouts include title and legend).
2. Select resolution (**Low** 96dpi or **High** 150dpi).
3. Choose a map scale (note: changing the scale may change the draw visibility of some layers).
4. Add or change the title (only for **Default** layouts).
5. Click **Print** and then **Open File** to open a pdf of the map.

Maps & Data: Export