



All-Island Research Observatory
An tIonad Breathnaithe um Thaighde Uile-Éireann

Map Features and Tools

The image shows a screenshot of the AIRO Census 2011 web application interface. The map displays Ireland and parts of the United Kingdom. Various features are highlighted with red boxes and numbered callouts:

- 1. Navigation Pane:** A vertical toolbar on the left side containing zoom in (+), zoom out (-), home, and location icons.
- 2. Select Map Data/Layerlist:** A button in the bottom toolbar with a layer list icon.
- 3. Map Legend:** A button in the bottom toolbar with a legend icon.
- 4. Search Address/Map Content:** A search bar at the top center.
- 5. Chart/Area Profile:** A button in the bottom toolbar with a chart icon.
- 6. Print Map:** A button in the top right toolbar with a printer icon.
- 7. Share Map:** A button in the top right toolbar with a share icon.
- 8. Draw/Measure:** A button in the top right toolbar with a drawing tool icon.
- 9. Change Basemap:** A button in the bottom right toolbar with a grid icon.
- 10. Get Coordinates:** A button in the bottom left toolbar with a location pin icon.
- 11. Google Street View:** A person icon in the bottom toolbar.
- 11. Map Info:** An information icon in the bottom toolbar.

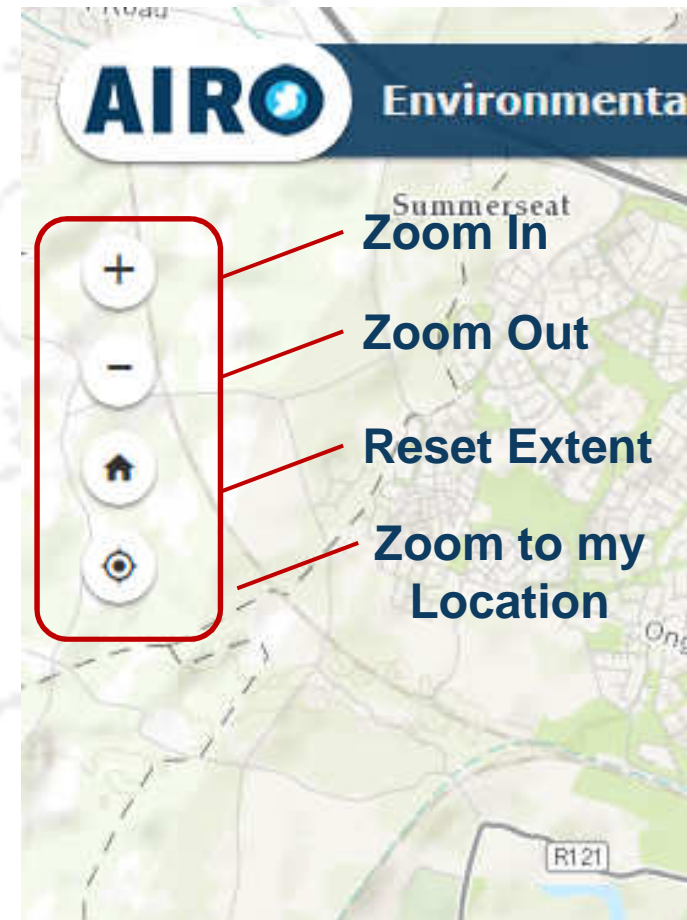
Additional UI elements include the AIRO logo, 'Census 2011' text, a scale bar (60km), and the Esri logo at the bottom right.

Features – 1. Navigation Pane

Use the navigation pane to:

- Zoom In/Out
- Reset the map extent
- Zoom to your location

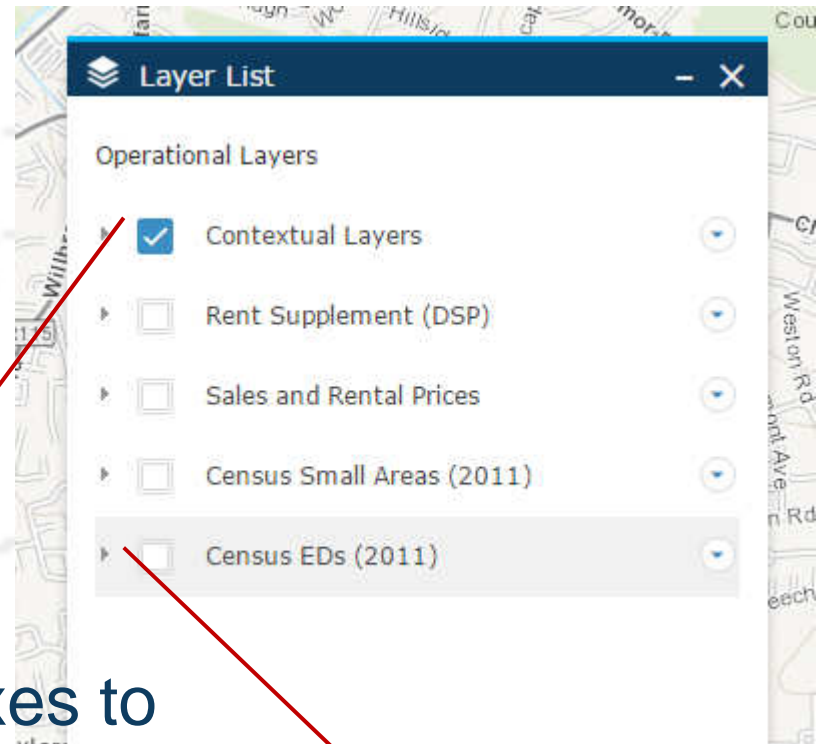
i Tip: The mouse and mouse wheel are also useful for navigation.



Features - 2. Layer List

Use the Layer List to:

- Select which **data** and **map layers** you wish to view
- Reorder layers
- View layer legends
- Get additional layer information



Toggle the check boxes to select & view layers

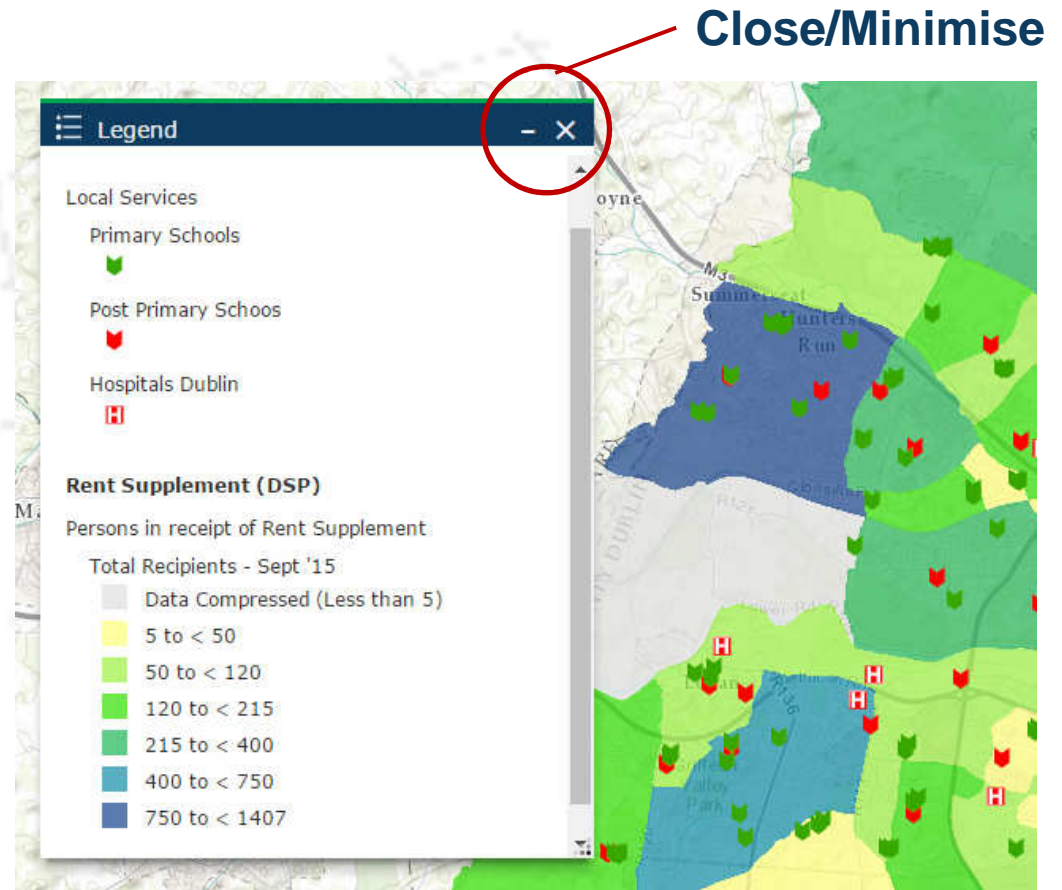
Expand the contents of Layer List by clicking on the small arrows

i Tip: Group layers can be reordered, not individual layers.

Features – 3. Map Legend

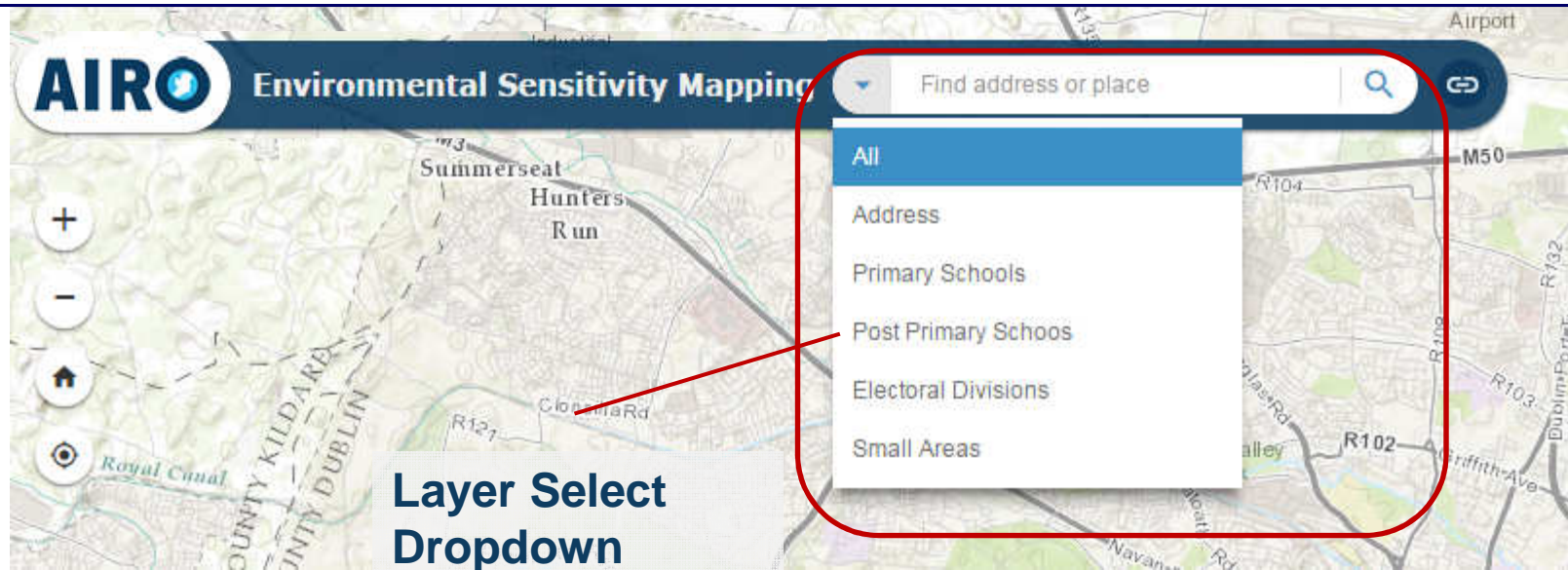
Use the Map Legend to:

- Summarise what layers have been selected
- Understand what colours and map symbols represent



i Tip: Minimise the legend by clicking in the top right corner

Features – 4. Search Address/Map Content



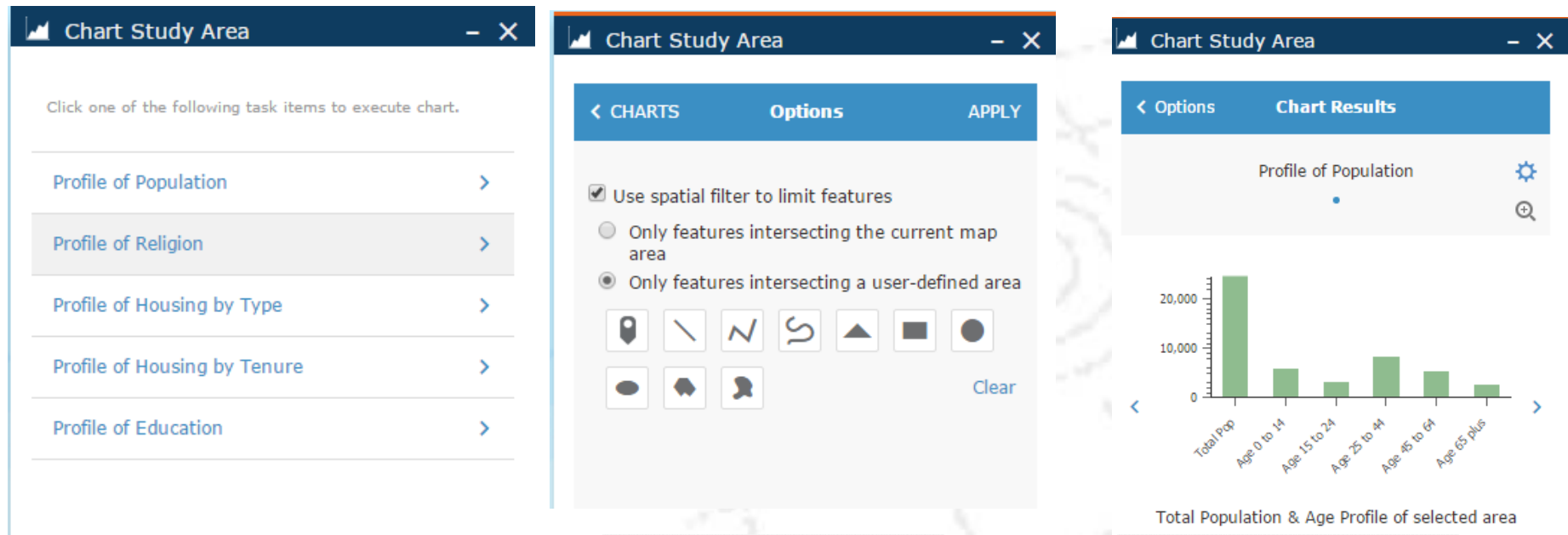
Use the Search widget to:

- Search an Address or Place
- Search selected map content (e.g schools layer)*

i Tip: Click on the dropdown to select and search individual map layers.

*Content dependent of viewer

Features – 5. Area Profile/ Chart



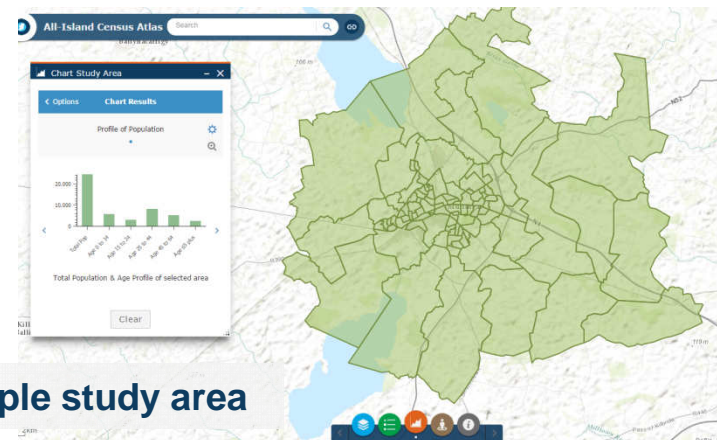
1. Select Profile Theme

2. Use the draw tools to outline profile area on the map

3. Apply and view the results

Use the Chart/Profile widget to:

- Profile a custom drawn area
- Assess specific study area/sites
- Profiler sums data to give an overall figure for selected study area across data categories.



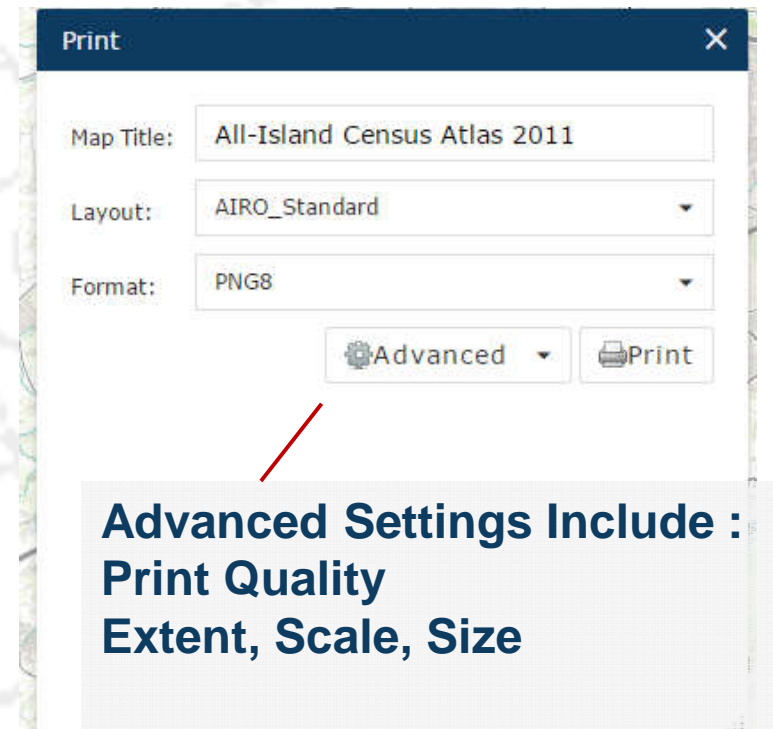
Sample study area

Features – 6. Print/Export Map

Use the Print/Export widget to:

- Save your map selection/view (jpeg,png,pdf..)
- Add a title to your map
- Use advanced print settings

i Tip: Maps can be saved and reused in reports and presentations –
Make sure to reference AIRO

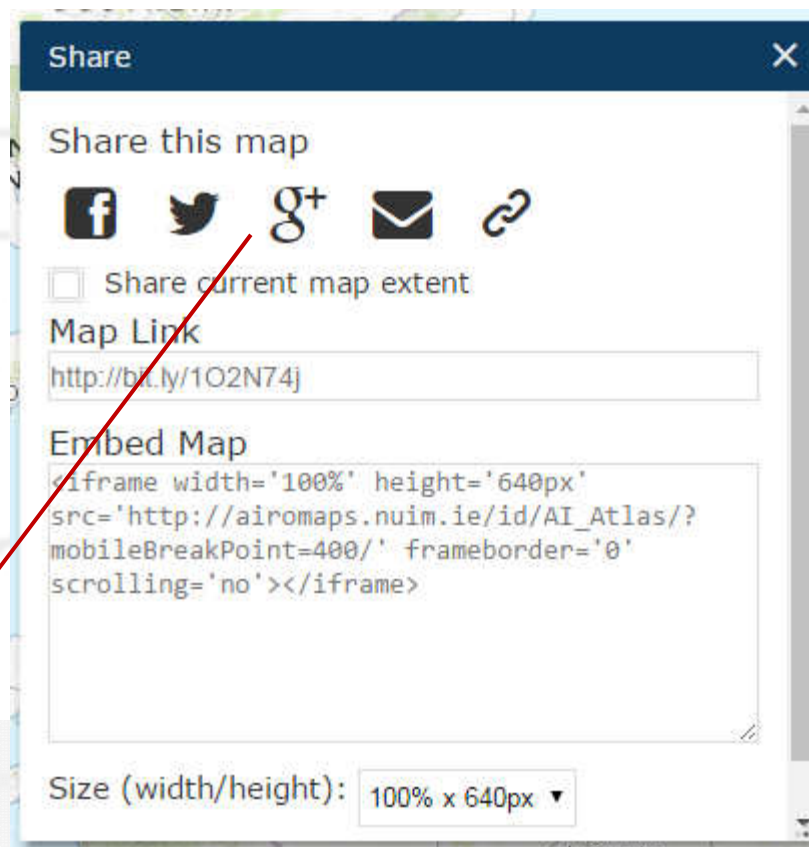


Features – 7. Share Map

Use the Share widget to:

- Share the map viewer with other people
- Use Facebook, Twitter, Google+ or email link.
- Easy way to allow others access the viewer.

Select share option

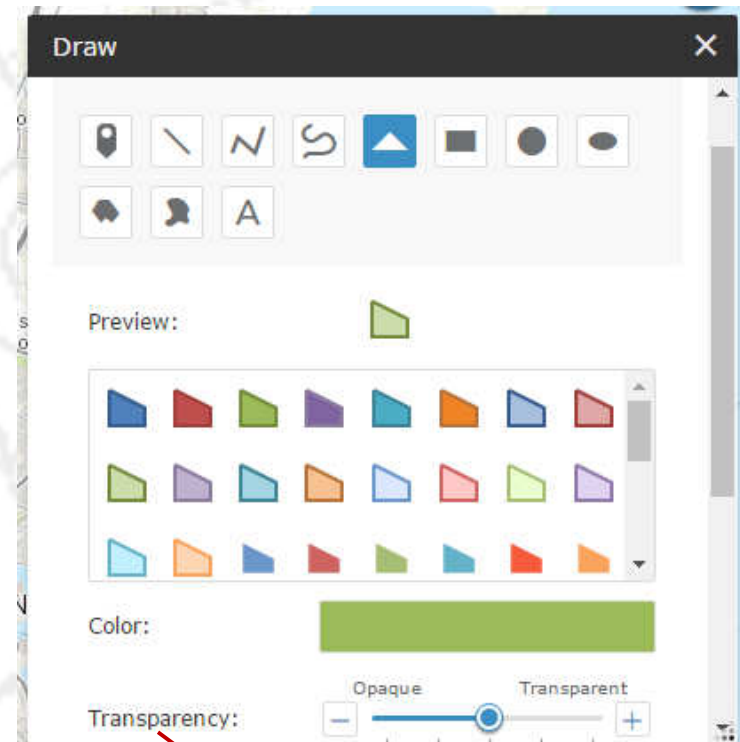


Features – 8. Draw/Annotate Map

Use the Draw/Annotate widget to:

- Annotate your map
- Add comments/details
- Mark points/areas of interest, addresses or accommodation.

i Tip: Adjust transparency of annotations to avoid covering map feature.



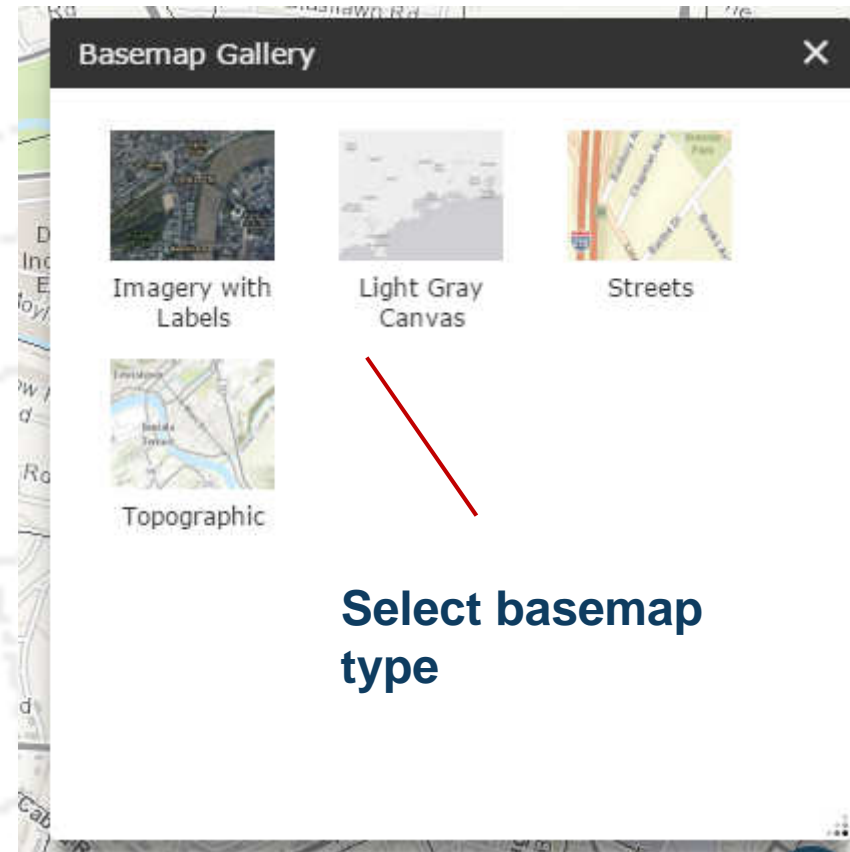
Set Transparency

Features – 9. Change Basemap

Use the Basemap

Widget to:

- Change the type of street mapping in the viewer
- Select between; Aerial Photography, Street Mapping, Topography and Greyscale maps

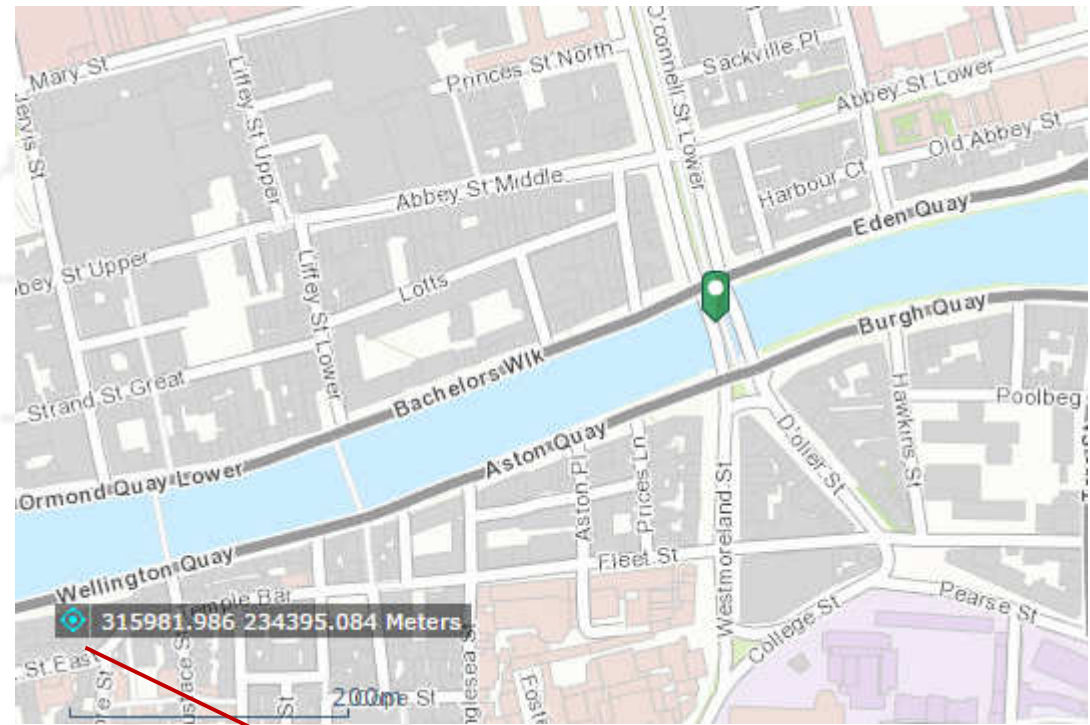


- i** Tip: When a number of layers are selected, Greyscale mapping can simplify the overall map view.

Features – 10. Coordinate Widget

Use the Coordinate Widget to:

- Identify the map coordinates of features/locations on the map
- Extract coordinates of features for other uses.



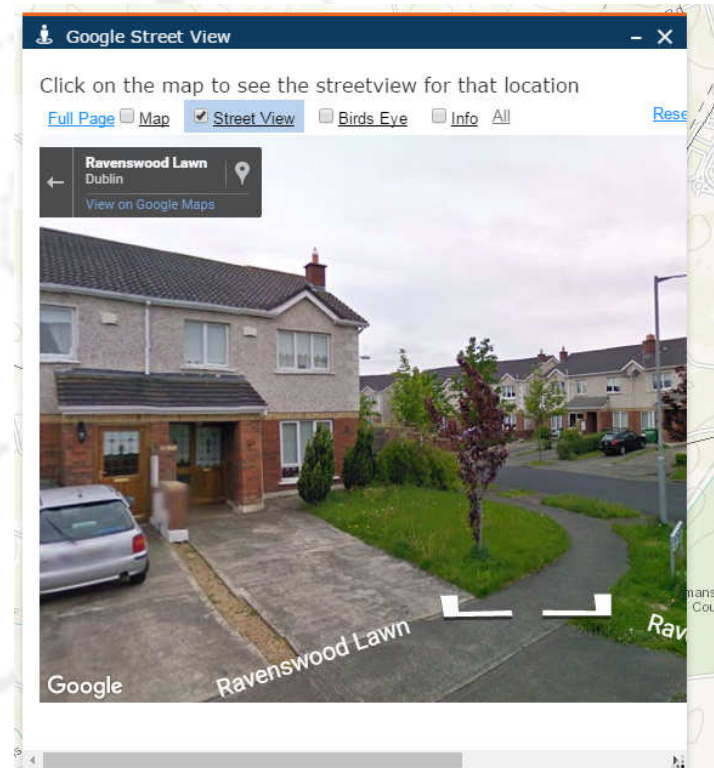
**Click to activate
widget**

i Tip: Output Coordinates are in
TM65 Irish National Grid
projection

Features – 11. Google Street View

Use the Street View widget to:

- Look at on the ground features.
- Relate map data with what is actually physically present.



- i** Tip: Open the widget and click on the area on the map you wish to view.

Features – 12. Map Information

Click on a Map information for:

- Background information on map viewer.
- Covers: Licensing/ Copyright information, Background project info/funding sources, information on underlying data .

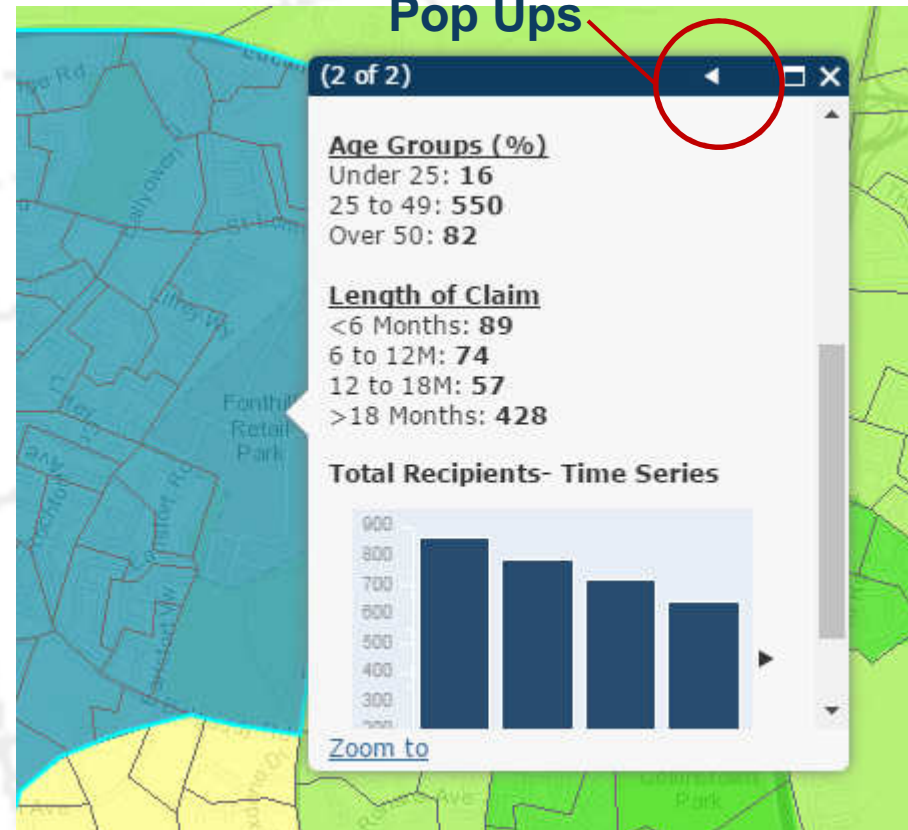


Features – 13. Pop Ups

Click on a map feature to activate. Pop Ups:

- Provide detailed contextual information on individual map elements.
- Provide additional data in relation to the mapped feature.

Switch between
Pop Ups



- i** Tip: Clicking on more than one feature will open more than one Pop Up. Click the arrow to switch between pop ups

Improving evidence informed planning on the island of Ireland **AIRO.IE**



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Questions?

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- A decorative graphic consisting of a grid of plus signs (+) in various shades of blue, arranged in a pattern that tapers to the right, resembling a stylized arrow or a map outline.
- + MAPS
 - + STATISTICS
 - + RESEARCH
 - + TRAINING
 - + POLICY
 - + CONSULTANCY

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