Census Small Area Population Statistics (SAPS)

A Guide to using the SAPMAP web application
When you open the application you will see this page. This screen gives a brief description of the application. Click ‘OK’ to continue to use the application.

View SapMap User Guide

This is the Map Canvas, which will initially display the full map of Ireland when you open the application. It shows detail of roads, towns, infrastructure, and terrain. Zoom in to see the map in more details.
There are a number of ways to navigate around the map, to change the scale or to zoom in/out to view areas in more/less detail.

1. Use the navigation Tools
2. Use the mouse

Using the Navigation Tools

To zoom in and out – to view the map on a different scale to view more or less detail

To return to default extent

Using the Mouse

To pan – Click anywhere on the map. Hold the left mouse button down while you drag the map in the required direction.

To zoom – Roll the mouse wheel forward (to zoom in) or backward (to zoom out)
SapMap Functions

CSO Boundary Layers

With this function the user can select different layers of geographical areas to be displayed on the map along with census data relating to each area.

Go to other SapMaps

This function allows the user to view other SAPMAP applications.

Useful Links

This Function provides the user with quick links to SAPMAP Help, other SAPMAPs, Census Homepage, Census Reports, Census Boundary Files, CSO Homepage and CSO Latest Releases and Publications.

Find your address

This function allows the user to search for an area on the map by inputting an address.

Find your area

This function allows the user to select a boundary and search for an area on the map by inputting the area name.

Basemap Gallery

This function allows the user to choose a new basemap from a gallery of basemaps. Click to select and the current basement gets replaced by the new basemap. Click on basemap gallery to close.

Print

This function allows the user to print the section of the map shown on the screen. Give it a title, define layout and choose format.

Select Multiple Areas

This function allows the user to select multiple areas within a pre-defined layer. Select the layer, choose the tool you wish to use and click on map to select the areas you want to view and select execute. From the results tab select the three dots to give you options to view, export results etc.
1. To Search for an address click on the ‘Find your address’ button. A Pop-up box will appear.

2. Click in the text box and enter all or part of the address that you want in the area you wish to view. As you input the address a search will begin and a list of results will appear.

3. Select the correct address from the list and click on it to zoom to the selected address.

The map will zoom to the selected address. You can click ‘Zoom’ on the ‘Search Result’ to show street level.

A pop-up window will give details of the address.
1. To search for a selected geographical area click on the ‘Find your Area’ button. A pop-up window will appear. Click on the icon to close dropdown.

2. In the ‘Boundary’ box select the type of geographical area you wish to search from the list.

3. Click on the text box and start to type the details of the area you want. Select from the dropdown.

The map will zoom to the selected area. A pop-up box will appear with a summary of census results for this search. Select ‘here’ button to view full table of data.
1. To see different geographical areas on the map click on the ‘Census 2016 Boundaries’ button. A pop-up window will appear showing each of the geographical layers available to view.

2. Select the geographical layer you wish to view by clicking the tick box to the left. You may select more than one layer to see each superimposed on the map. The county layer is selected by default. Just click again to de-select.

3. Click on the ... to the right of any layer to view a number of options. Click on the button to the right of any layer to see a number of options. Select ‘Expand the layers’ to see a legend for the layers on the map.
The expanded boundary layers window show how each layer of geographical area is highlighted on the map. For example, when selected the Counties have a pink border and Gaeltacht Area are black.

Click on the ‘Electoral Divisions tick box to see ED’s shown on the map. (If the Layer is greyed out, zoom in to the scale highlighted in brackets as indicated).

The map now shows the next layer – Electoral Division (outlined in RED) for the point on the map selected. (Remember to click ‘Zoom to’ to see full area on the map)
The pop-up box now displays data for Electoral Division.

By also clicking on the ‘Settlements’ tick box will also be highlighted.

Click on any highlighted area to explore it in more detail.
A pop-up box will appear, showing some summary statistics about the area e.g. population, males and females, household stock, occupied/vacant housing.

If you click on an area it will be outlined in blue.

You can view details for each layer of geography selected in the boundary window. This section shows that statistics are available for 4 different layers – as 4 different layers (Counties, Gaeltacht, Electoral Division and Settlements have been selected in the Boundary Layers window.)
1. Clicking on the tick box to the left of the Small Areas adds the Small Areas boundaries on the map (marked in blue).

2. Notice that the layer list now has 5 layers instead of 4 as another layer (Small Area) has been added.

3. Move between different small areas to view them on the map and see related data by clicking anywhere within a different Small Area boundary.

You can change the Settlement area viewed by clicking on another Settlement on the map. When you do this the new Settlement area will be outlined and the pop-up box will display data for that area.

The map now shows the next layer – Settlement (outlined in blue) for the point on the map selected. (Remember to click ‘Zoom to’ to see full area on the map)

The pop-up box now displays data for the a new Settlement area

Click again to see the next layer.
Zoom to the area which will be outlined in blue and see the data relating to that area in the pop-up box.

Click on a Small Area and Zoom in to see it in more detail.

Zoom to the area which will be outlined in blue and see the data relating to that area in the pop-up box.

Viewing Tips
You can remove boundaries and shading by deselecting the respective layers to get a better view of the map. You can close the pop-up box by clicking on X and reactivate it by clicking on the selected area of the map.
Click on this arrow at the bottom right hand corner of screen to open/close overview map.

The area outlined in the grey rectangle shows the area on screen in the context of the larger map.

As you move the map on screen the overview map will also reflect the area.

You can also click on the grey rectangle and move it to select another area of the map to view.

Only summary statistics for each area at each level of geography are shown in the pop-up box.

However, it is possible to see the full range of SAPS data for any area by using this link.

Click here to open the SAPS results for this area.

The SAPs tables will open for whichever area is clicked on the map at the layer of geography currently shown in the pop-up box.

Click here to open the SAPS results for this area.

The SAPs tables will open for whichever area is clicked on the map at the layer of geography currently shown in the pop-up box.
Tables of Data

The Data is organised under 15 different themes.

A number of tables of data are available under each theme.
Click on the + sign to the left of the Theme to display the tables.

A new window opens containing a complete set of data relating to the area selected on the map.
Tables of Data

Central Statistics Office Ireland

Electoral Division Swords Village

Compare state total data  Visit AIRO website

Theme 1: Sex, Age and Marital Status
- Population aged 0 - 19 by sex and year of age
- Population aged 20+ by sex and age group
- Population by sex and marital status

Theme 2: Migration and Ethnicity
- Usually resident population by place of birth and nationality
- Usually resident population by ethnic or cultural background
- Usually resident population aged 1 year and over by usual residence 1 year before Census Day
- Population by religion
- Speakers of foreign languages by language spoken
- Speakers of foreign languages by ability to speak English

Theme 3: Irish Language
- Population aged 3 years and over by ability to speak Irish
- Irish speakers aged 3 years and over by frequency of speaking Irish

Theme 4: Families

Theme 5: Private Households

Scroll over the table names to highlight and click on the required table.
The selected table will be displayed.

**Theme 2: Migration and Ethnicity**

Usually resident population by place of birth and nationality

<table>
<thead>
<tr>
<th>Location</th>
<th>Birthplace</th>
<th>Nationality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ireland</td>
<td>1,763</td>
<td>1,852</td>
</tr>
<tr>
<td>UK</td>
<td>84</td>
<td>42</td>
</tr>
<tr>
<td>Poland</td>
<td>86</td>
<td>94</td>
</tr>
<tr>
<td>Lithuania</td>
<td>30</td>
<td>29</td>
</tr>
<tr>
<td>Other EU 28</td>
<td>398</td>
<td>400</td>
</tr>
<tr>
<td>Rest of World</td>
<td>251</td>
<td>168</td>
</tr>
<tr>
<td>Not stated</td>
<td>0</td>
<td>27</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>2,612</strong></td>
<td><strong>2,612</strong></td>
</tr>
</tbody>
</table>
This function allows the user to change the basemap by choosing from the ‘Basemap Gallery’. Click on the basemap you want and the basemap is automatically changed.
This function allows the user to print the section of the map shown on the screen. Give it a title, define layout and choose format.

This function allows the user to select multiple areas.
Choose a layer from the ‘Tasks’.

Select a tool from the above list.
Click on area you want to select, drag and double click to end selection and click ‘Execute’.

Click to ‘Apply’. 
A pop-up will appear with the results for the multiple queries. Clicking on the 3 dots will give you additional options.