

Concept Summary

My goal was to create an application that would read the Central Statistics offices web API and if geographical data exists to draw a map of Ireland with the value of the statistic for each county put on the map using a colour heat map.

I think this is a useful application because it makes it easy for any one to quickly visualise the data in a way that is easy to read and intuitive.

The application will display the data in most of the geographical regions which the CSO use. The map data was taken from the CSO website and was created by Ordnance Survey Ireland. The shape files were converted into topo-json an open, light weight mapping format that can easily be rendered to a web page.

The geographical regions used are

County	The 26 counties of Ireland
Province	The 4 provinces of Ireland
NUTS3	Ireland is divided into 8 regions
Garda Regions	6 regions used by an Garda for crime statistics.
Garda Division	Each county is split into smaller divisions and used for crime statistics.

If two or more divisions are used in one data set both maps are displayed for example many data sets have data for county and province or region. Both maps will be displayed. You will have to scroll down the web page to see the second.