

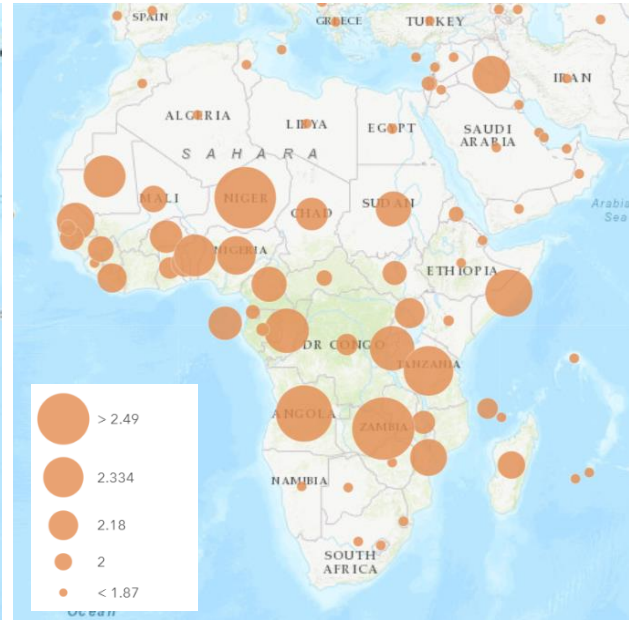
## Adding point data

### What is point data?

Point data is a type of **vector data**. Point data is used to represent a single piece of data on a map. This might be a place of interest, for example a school or a shopping centre. You can also use point data to display simple datasets: whether it is temperature, population, or other quantitative data.



International Seismograph Stations



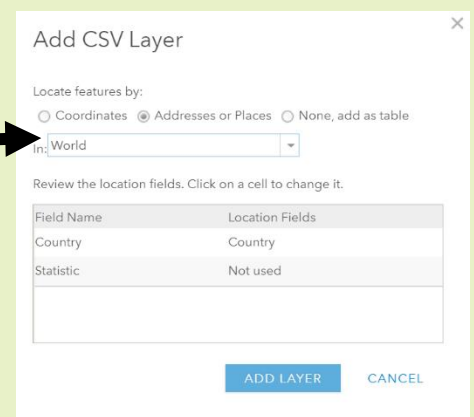
Predicted Fertility 2095-2100

### Adding your data

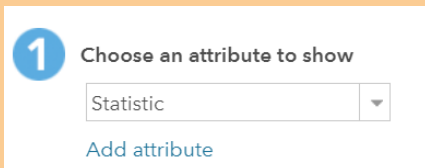
Cleaning your data is an important step in GIS. To read more about cleaning data click [here](#).

Once you have **cleaned** your data and saved it as a CSV, you need to sign into ArcGIS Online.

1. Select Add > Add Layer From File
2. Select your File and click Import
3. Select where your point data is from the drop down. If it is based in one country only, select that country. If not, choose World
4. Select Add Layer



Field Name	Location Fields
Country	Country
Statistic	Not used



### Choosing your data

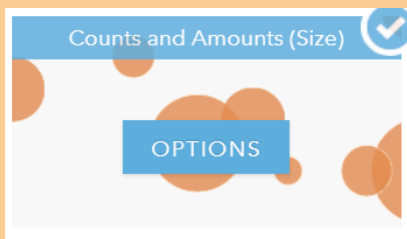
When you import your data, the Change Style tab should be open on the left-hand side. You can choose your data (columns from Excel) from the drop down.

Once you have selected the dataset, you can change the style. Different styles will be suited for different datasets. Read through the examples below and choose your best style:

- Counts and Amounts (Size)**: Highlight differences in numbers
- Heat Map**: Highlight the location of a phenomenon
- Types (Unique symbols)**: Highlight different features (i.e. bus, train, tram)
- Counts and Amounts (Color)**: Highlight differences in numbers
- Location (Single symbol)**: Show only the single location

### Styling your data

1. To style your data, click the options button



2. To change the scale, you can drag the slider
3. To classify the data, you can press **Classify**
4. To change the symbol/colour, click **Symbol**
5. When you are happy, you can press Ok > Done

If you need to go back and make further changes, access the Change Style Feature by selecting Details > Content and clicking on your layer. Select the Change Style button from the range of icons below.

