

# Big data, better hospitals:

## How to create a heat-map using Excel

### Open the spreadsheet 'Heat-map data'

#### To colour the map

- Highlight all of the data cells
- Go to <Conditional formatting> then <Color scales>
- Select <Red-Yellow-Green>  
(this will make the higher numbers red and the lower numbers green)

#### To remove the data values

- Highlight all of the data cells
- Go to <Format> then <Format cells>
- Select <Custom>
- Replace the word 'General' with three semi-colons (;;;)

#### To add a legend

- Type the numbers 0 to 10 in each of two columns alongside the graph, leaving a column in-between the heat-map and the legend
- Select the cells from one column only
- Apply the same conditional formatting

#### To add the days of the week

- Type the days of the week down one side of the heat-map, starting with Saturday at the top
- Add Sunday in the cell below, then use the fill handle to drag down

#### Add a heading