



# London Data Store Excel Mapping Templates How to Guide

## Borough Wards Map

1. Go to the London Data Store's [Excel Mapping Templates for Boroughs and Wards](#) and download the Borough of your choice's Ward map – in this example, Sutton.

**GREATER LONDON AUTHORITY**

### Excel Mapping Template for London Boroughs and Wards

Greater London Authority (GLA)

Data

Created 6 years ago, updated 5 months ago

A free mapping tool that allows you to create a thematic map of London without any specialist GIS skills or software - all you need is Microsoft Excel. Templates are available for London's Boroughs and Wards. Full instructions are contained within the spreadsheets.

#### Borough maps

- Map for quantitative data
- Map for categorical data
- Cartogram that uses squares to represent London Boroughs

#### Ward maps

Pre-2014 boundaries

- Greater London
- Individual Boroughs: Barking and Dagenham, Barnet, Bexley, Brent, Bromley, Camden, Croydon, Ealing, Enfield, Greenwich, Hackney, Hammersmith and Fulham, Haringey, Harrow, Havering, Hillingdon, Hounslow, Islington, Kensington and Chelsea, Kingston upon Thames, Lambeth, Lewisham, Merton, Newham, Redbridge, Richmond upon Thames, Southwark, **Sutton**, Tower Hamlets, Waltham Forest, Wandsworth, Westminster

*(Some boroughs have had ward boundary changes over recent years, so make sure you download the latest version.)*


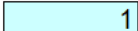







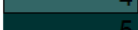

2. Open up the Mapping template Excel file and Enable Editing and Enable Content when prompted.
3. Next overwrite the existing data with your own values. Click Refresh Map if it doesn't update automatically

Code	Ward name	Values
00BFGC	Beddington North	100.0
00BFGD	Beddington South	105.0
00BFGE	Belmont	110.0
00BFGF	Carshalton Central	115.0
00BFGG	Carshalton South and C	120.0
00BFGH	Cheam	125.0
00BFGJ	Nonsuch	130.0
00BFGK	St. Helier	135.0
00BFGM	Stonecot	140.0
00BFGN	Sutton Central	145.0
00BFGP	Sutton North	150.0
00BFGQ	Sutton South	155.0
00BFGR	Sutton West	160.0
00BFGS	The Wrythe	165.0
00BFGT	Wallington North	n/a
00BFGU	Wallington South	175.0
00BFGV	Wandle Valley	180.0
00BFGW	Worcester Park	185.0


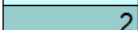


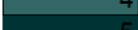
Ensure Macros are enabled then paste your data into column D

Refresh Map

4. Depending on your data range (e.g. this could be from 2 to 35 or 50 - 400) you may need to adjust the Legend ranges to suit. You can override the value in the Equal to or above (Low) and Less than (High) cells below to adjust it if the colours on the map don't highlight the differences you want to show as well as they could. Click Refresh Map and the colours should change.


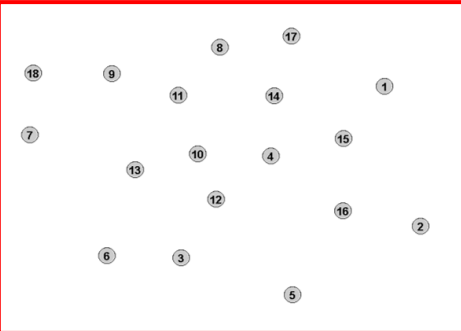
Legend		Occurrences		Quintile	
Quantiles	Low (>=)	(<) High			
1	100	121	(5)		 1
2	121	143	(4)		 2
3	143	164	(4)		 3
4	164	185	(4)		 4
5			(1)		 5
No data			(18)		

5. You can also change the colour scheme used – change the RGB values for each range of data to suit your needs. Have a look at this online Colour Picker service [www.w3schools.com/colors/colors\\_picker.asp](http://www.w3schools.com/colors/colors_picker.asp) to get RGB codes for shades of a colour.

Colours (RGB)			
Quintile	Red	Green	Blue
 1	204	255	255
 2	102	204	204
 3	102	153	153
 4	51	102	102
 5	0	51	51
	255	255	255

6. You can also drag the 'Ward numbers overlay' so it sits on top of your map and include the Key of wards.

Map Labels: If you require labels either drag the labels layer below over the map in Excel, or copy it into Word and place over the top of the map. In Word the pictures need formatting so they can lay on top of each other (use Text Wrapping).

<ul style="list-style-type: none"> <li>1 Beddington North</li> <li>2 Beddington South</li> <li>3 Belmont</li> <li>4 Carshalton Central</li> <li>5 Carshalton South and Clockhouse</li> <li>6 Cheam</li> <li>7 Nonsuch</li> <li>8 St. Helier</li> <li>9 Stonecot</li> <li>10 Sutton Central</li> <li>11 Sutton North</li> <li>12 Sutton South</li> <li>13 Sutton West</li> <li>14 The Wrythe</li> <li>15 Wallington North</li> <li>16 Wallington South</li> <li>17 Wandie Valley</li> <li>18 Worcester Park</li> </ul>		
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# London Boroughs Map – Quantitative data

This time download the Borough Map for quantitative data

GREATER LONDON AUTHORITY

Excel Mapping Template for London Boroughs and Wards  
Greater London Authority (GLA)

Data

Created 6 years ago, updated 7 months ago

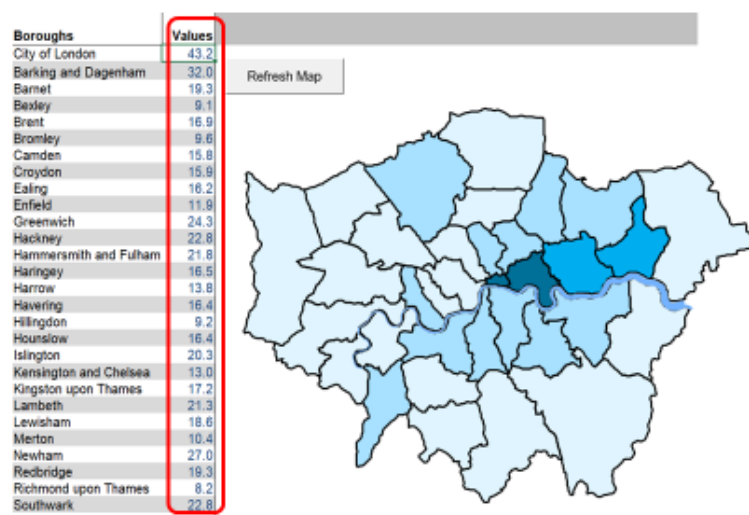
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Borough maps

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## Add your data to the Excel map

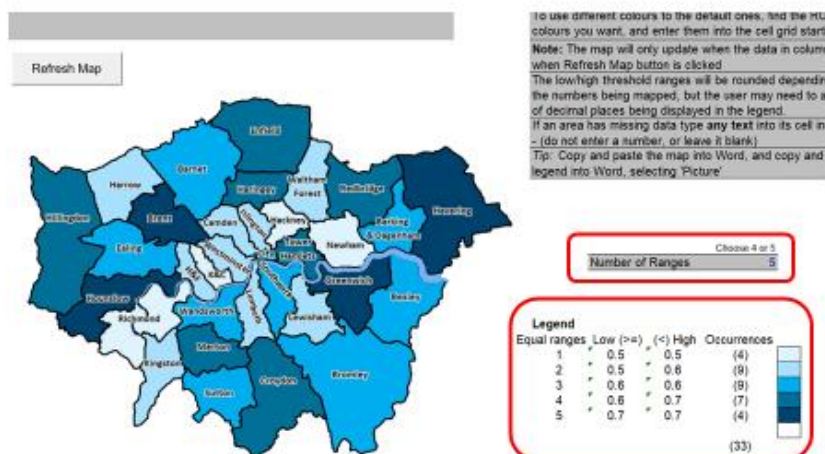
- First you'll be prompted to Enable editing and then to Enable macros
- Now delete the values in the column next to the Borough list
- Now paste / add in your own data values.
- Click Refresh Map to update values



## Adjusting your map

Changes you can make to suit your data values...

- ✓ Change the number of Ranges from 4 to 5
- ✓ Adjust the Legend ranges & colours if you need to
- ✓ Drag the Borough labels below to overlay the map



In this example, darker shades represent boroughs where young people have higher concerns about safety and the police.

## London Boroughs Map – Categorical data

This time download the Borough Map for Categorical data

Overwrite the existing data and..

- Add categorical values for the boroughs
- Here we've added the top issues most affecting young people's mental health from a recent survey



### Legend

Category
1 Education
2 Employment
3 Physical Health

Occurrences
(15)
(17)
(1)

