datawise
LONDON

Getting started putting your data on the map

DISCOVER. LEARN. ANALYSE. SHAPE. REPEAT

Our mission at Datawise London is to help you unlock the value of data.

www.datawise.london

About us

Providing tech support to small local charities in London for 20 years

- ✓ Support
- ✓ Training
- ✓ Consultancy
- ✓ Digital inclusion
- ✓ Impact Aloud
- ✓ Datawise London

- ✓ E-news sign up https://superhighways.org.uk/e-news/

What we'll cover today

- Look at a range of maps
- Demo tools – Batch Geo, Google MyMaps, Excel mapping template, Community Lens & Data Wrapper
- Hands on time with Batch Geo & Community Lens
- Identify use cases for your organisation
- Intro to advanced mapping options
- Get inspired!

Croydon Foodbank Map

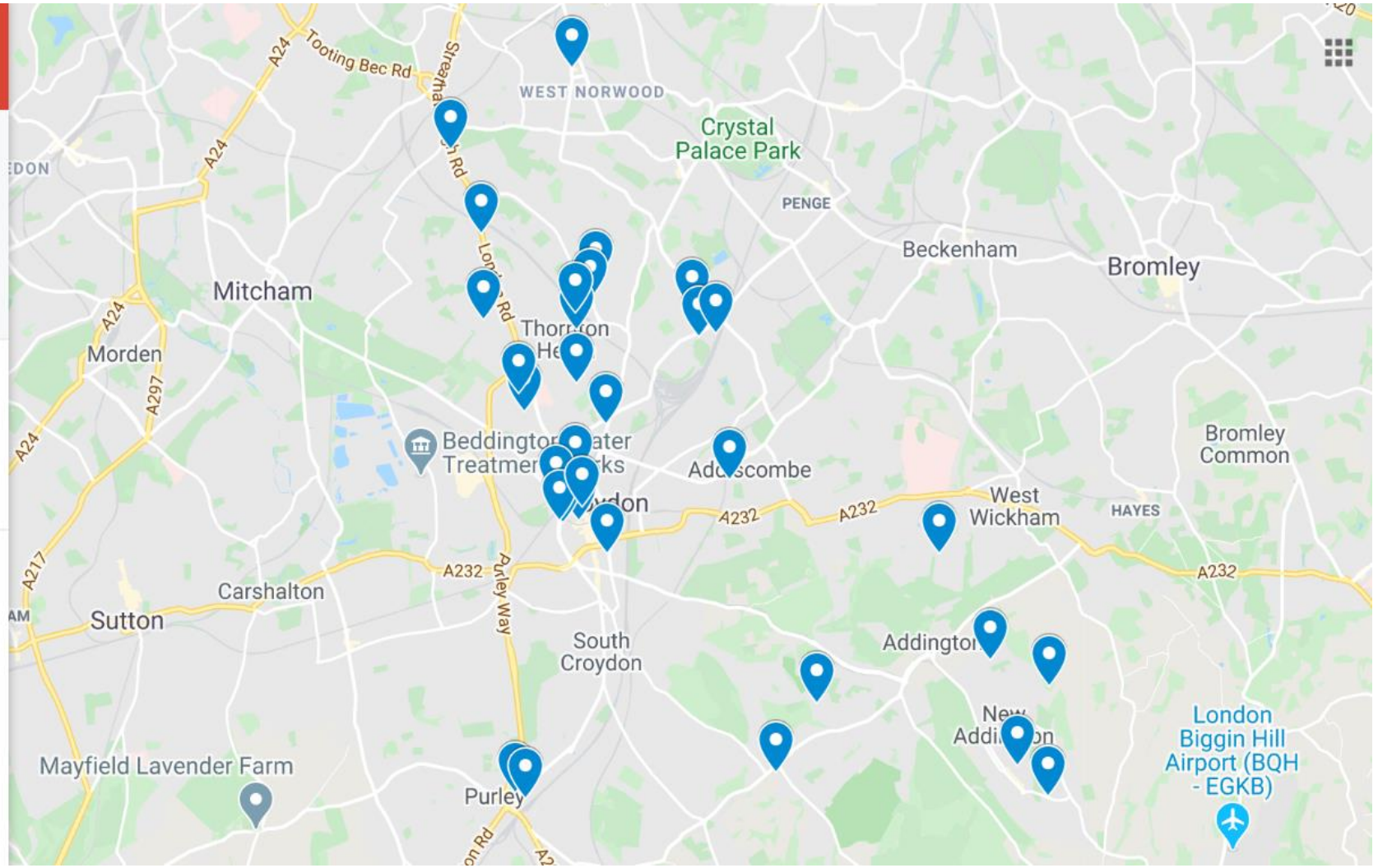
A map of all foodbanks in Croydon. Send any missing data to croydoncovid19ma@gmail.com.

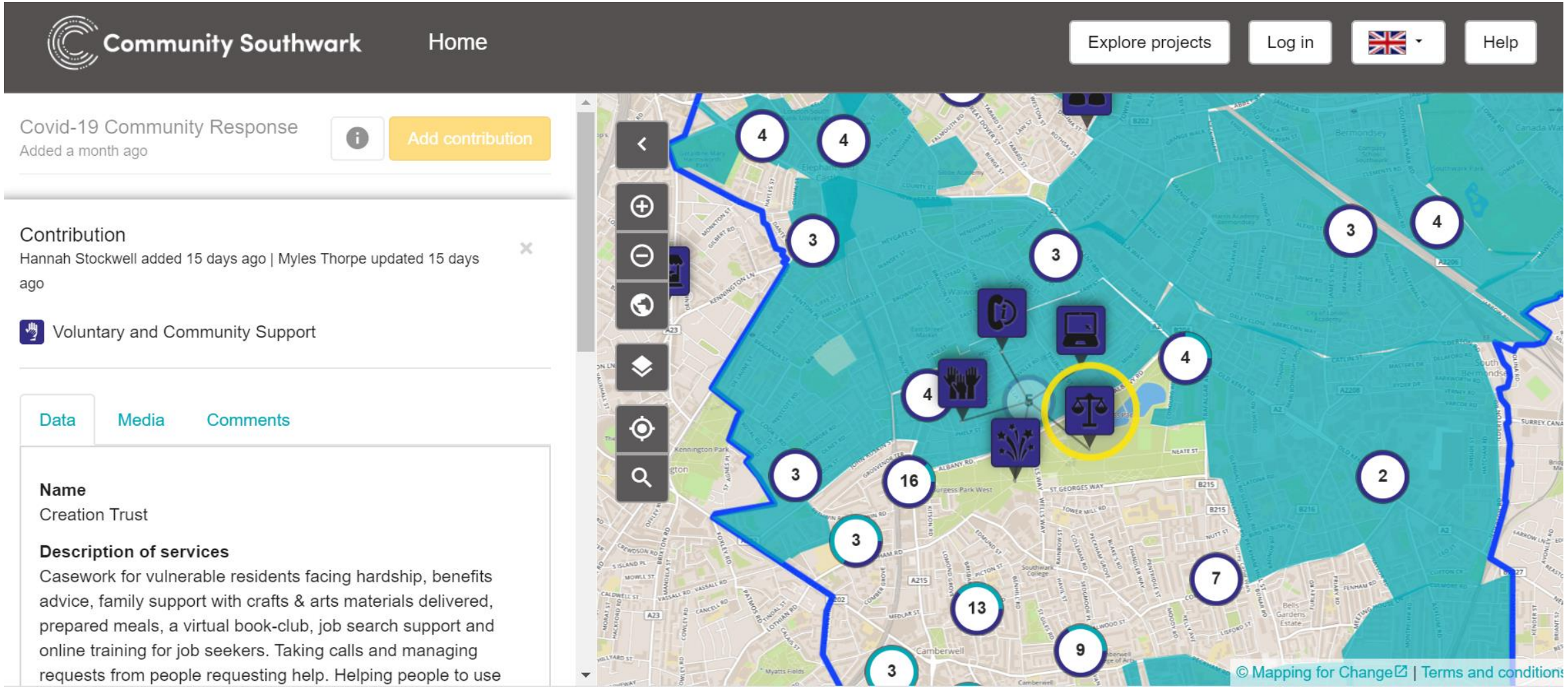
1,808 views

SHARE

CROYDON FOODBANKS 2.0

All items




Community Southwark
Home
Explore projects
Log in
Help
Covid-19 Community Response
Added a month ago
Add contribution
Contribution
Hannah Stockwell added 15 days ago | Myles Thorpe updated 15 days ago
Voluntary and Community Support
Data
Media
Comments
Name
Creation Trust
Description of services
Casework for vulnerable residents facing hardship, benefits advice, family support with crafts & arts materials delivered, prepared meals, a virtual book-club, job search support and online training for job seekers. Taking calls and managing requests from people requesting help. Helping people to use
© Mapping for Change | Terms and conditions

ArcGIS COVID-19 Vulnerability Index for neighbourhoods in the UK

Modify Map Sign In

Details | Basemap | Share Print Measure Find address or place

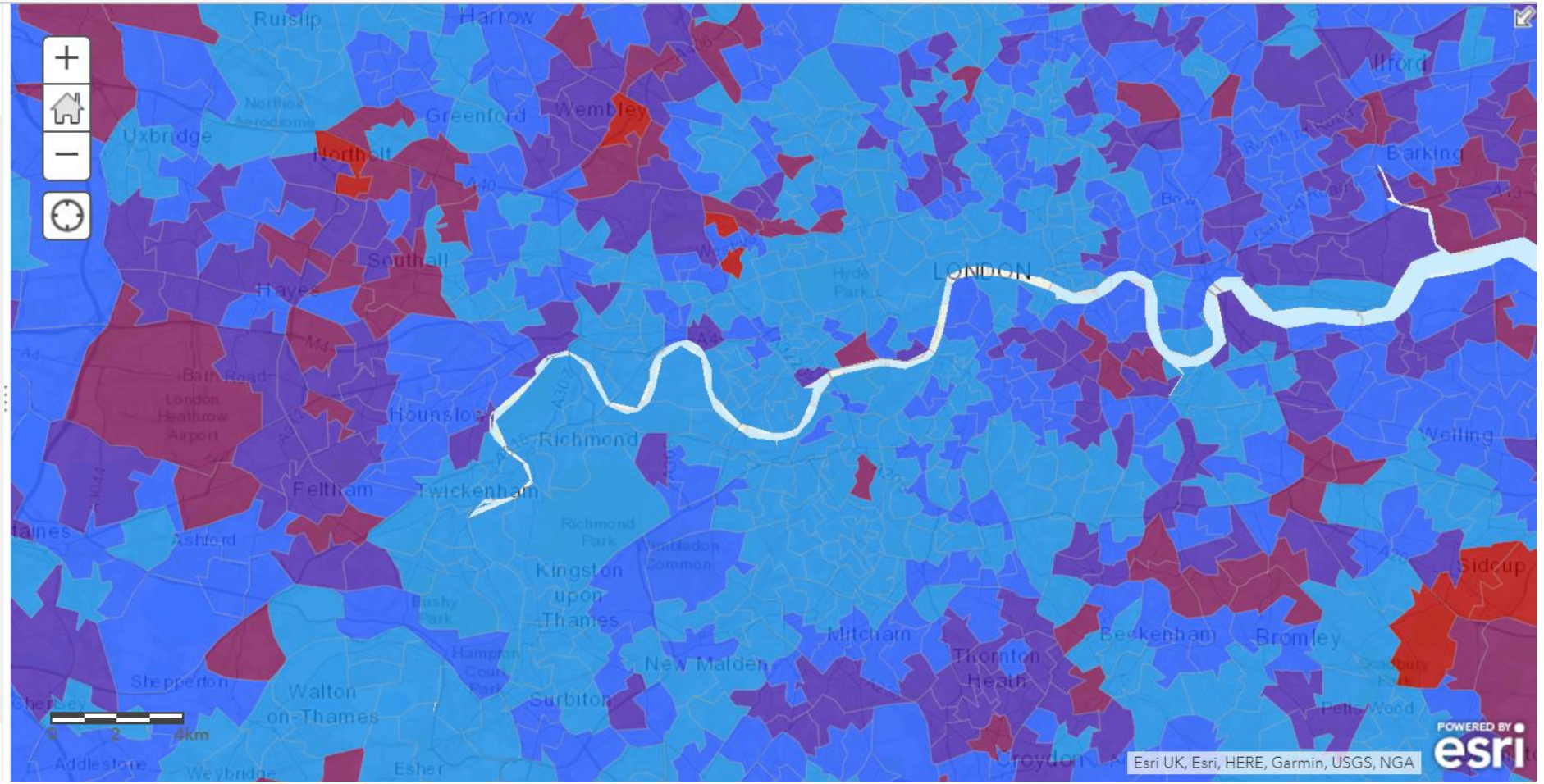
Legend

- 5 (Most vulnerable)
- 4
- 3
- 2
- 1 (Least vulnerable)

Vulnerability Index for MSOAs in England

- 5 (Most vulnerable)
- 4
- 3
- 2
- 1 (Least vulnerable)

Trust Center Legal Contact Esri Report Abuse



batchgeo

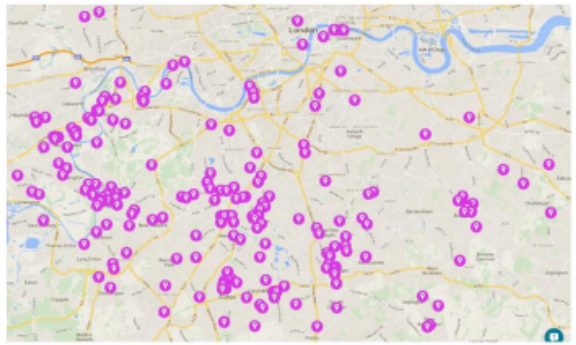
Simplest map creation…

Paste data sets with postcodes & create a map:

- ✓Blue existing volunteers
- ✓Red new client referrals

in depth longer term support (e.g. database implementation or short films). There have also been two annual events with expert speakers invited to run specialist workshops, which otherwise would not be accessible to small groups targeted by the project.

The map below shows the spread of the 319 unique organisations that Impact Aloud has supported across the six boroughs over the last 2.5 years.



See www.superhighways.org.uk/projects/impact-aloud for further information.

5. Evaluation aims

The aim of this evaluation is to explore the experiences of CVSs and VSOs that have worked with Impact Aloud over the last 2.5 years. The evaluation investigates the extent to which the activities of Impact Aloud result in positive impact on organisations. It focuses in-depth on providing information on the assumptions inherent in a simple logic chain below:

Organisations choose to engage with Impact Aloud	Organisations learn something new and useful	Organisations apply their learning	Changes that organisations make have a positive impact
• Is there a need for Impact Aloud? • Are the avenues for engagement effective? • Why do organisations choose Impact Aloud?	• Do organisations learn new things from Impact Aloud? • Is the information useful? • Are the methods of support effective?	• What do organisations do with what they learn? • What helps and hinders organisations applying their learning?	• What effect has engaging with Impact Aloud had on organisations?

In exploring these questions, the evaluation seeks to understand the strengths and weaknesses of Impact Aloud in realising these objectives.

6. Methodology

Feedback from stakeholders was collected through an online survey and via telephone interviews in March – April 2016.

Survey

The survey was sent to a sample of the total number of organisations engaging with the project - the 131 organisations that had attended the annual Impact Aloud events. Of these, 34 responded to the survey; a reasonable response rate of 26%. There was a mixed spread of respondents across the six boroughs with the highest response rate from Kingston – the lead borough in the partnership (Kingston=11, Bromley=8, Richmond=6, Sutton=6, Croydon=5, Merton=2). Respondents were given the option to add their name and contact details if they were willing to be contacted for a follow up telephone interview, otherwise responses were anonymous. Of the 29 respondents that gave their contact details, 6 also participated in telephone interviews. The questions generated quantitative and qualitative data which is included in relevant sections throughout this report. The full set of survey questions is included in appendix A.

Telephone interviews

Telephone interviews were conducted in March – April 2016 with a mix of organisations suggested by Impact Aloud and organisations randomly selected by the evaluator. The rationale for this type of selection was to obtain a balance between organisations that had been known to have significant interaction with Impact Aloud and those that have had various levels of engagement. The topic guides for different stakeholder groups is included in appendix B. A breakdown of the organisation types, selection methods and number of participants interviewed in each cohort is presented below.

Organisation Type	No. Organisations
CVS	5
VSO (suggested by Impact Aloud)	4
VSO (randomly selected by evaluator)	5
Funder	1
Technology provider	1
TOTAL	**16**

Profile of VSOs

The table below gives some brief information on VSOs involved in telephone interviews including size and income.

Income	Organisation	Overview	No. staff
£10,000 - £50,000	Sutton Migrant Refuge Network	The Refugee & Migrant Network Sutton offers Friendship, Advice, Counselling and English Language Classes to refugees, asylum seekers and newly settled migrants and their families from over 20 countries, who are now living in our area.	1
	Lay Witnesses for Christ International	LWFCI is a global sport ministry supporting youth and local communities to positively impact others through Sport Activities, outreach programs, employability skills, training, and the Right Track programs: Drug, Alcohol & Violence Prevention Program.	N/A
£50,000 - £100,000	Merton Centre for Independent Living	Merton Centre for Independent Living has a vision to enable Disabled people to take control over their lives and achieve full participation in Merton & wider society.	8

Demo time...

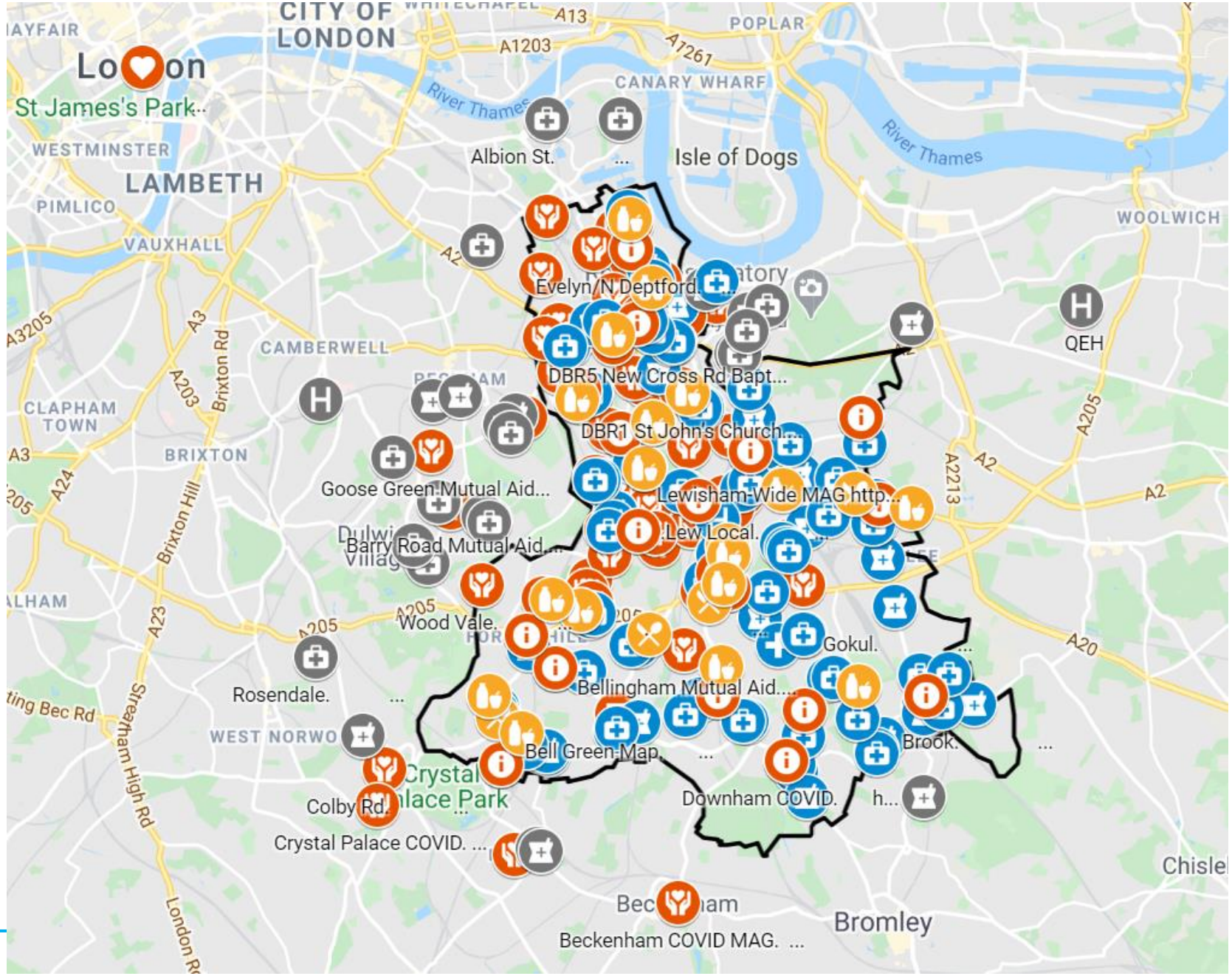
Batchgeo Summary

- ✓Paste data straight from Excel at www.batchgeo.com
- ✓Free version – maximum 250 rows of data
- ✓Choose how to group pins (max 7 categories)
- ✓Customise design (limited)
- ✓Limit Zoom in to anonymise data
- ✓Save Map – Public or Unlisted (Private option in Pro account)
- ✓Share via link or embed code
- ✓Superhighways step by step guide

Batchgeo exercise

- ✓Open your spreadsheet
- ✓Copy 2 or 3 columns of data (including header rows)
- ✓Go to www.batchgeo.com
- ✓Paste into the data box
- ✓Click Map now
- ✓Click Save map (enter your email address and a map title)
- ✓Open your email to get the map link
- ✓Click to view your map

Lewisham Wellbeing Map



Goose Green

name

Goose Green

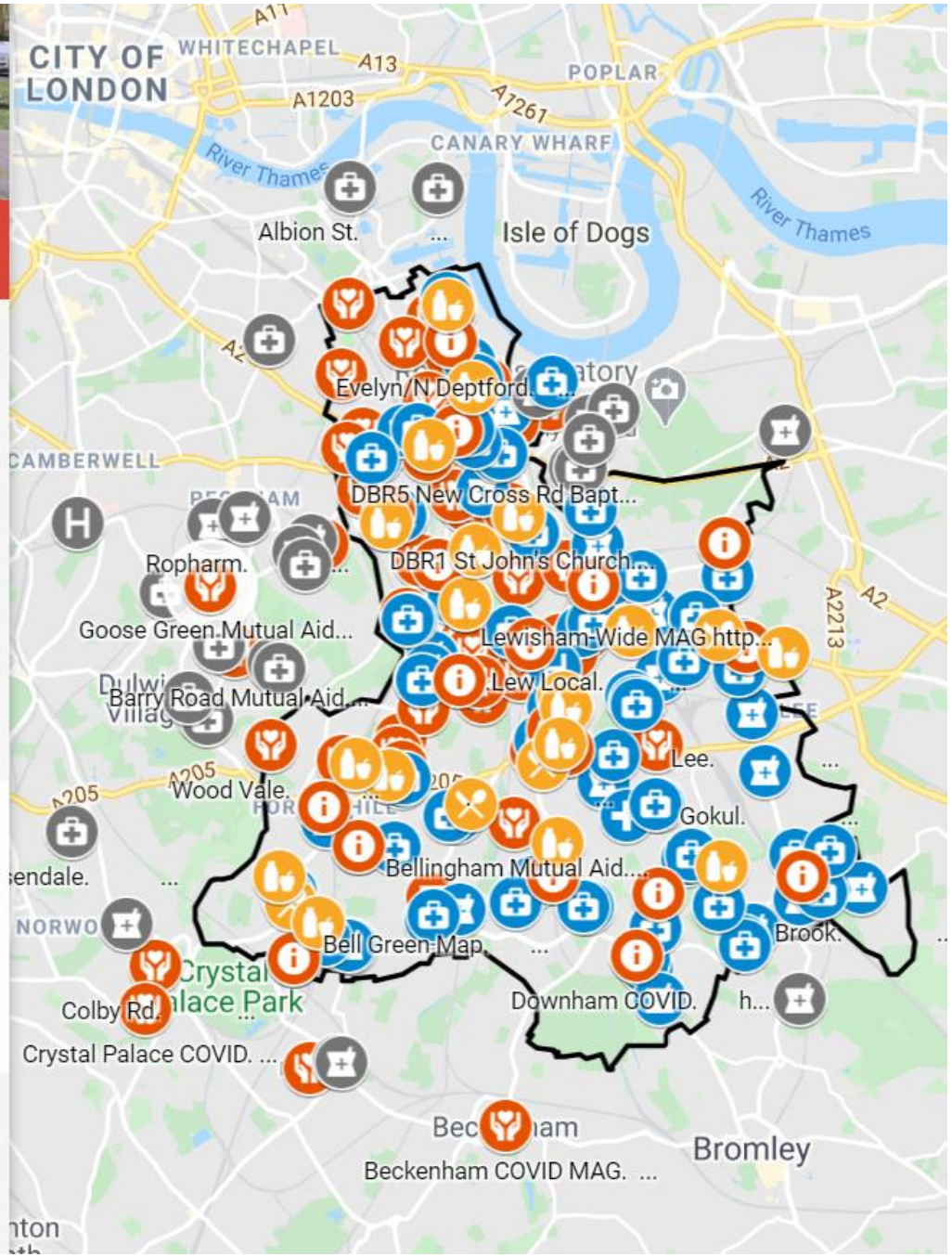
description

Goose Green Mutual Aid.
goosegrncovid19@gmail.com
https://chat.whatsapp.com/LApspsBjIAn5LOJifuRLWO Heather {The Wingless Bird} 07715288964

Details from Google Maps

London SE22 9AN

View in Google Maps



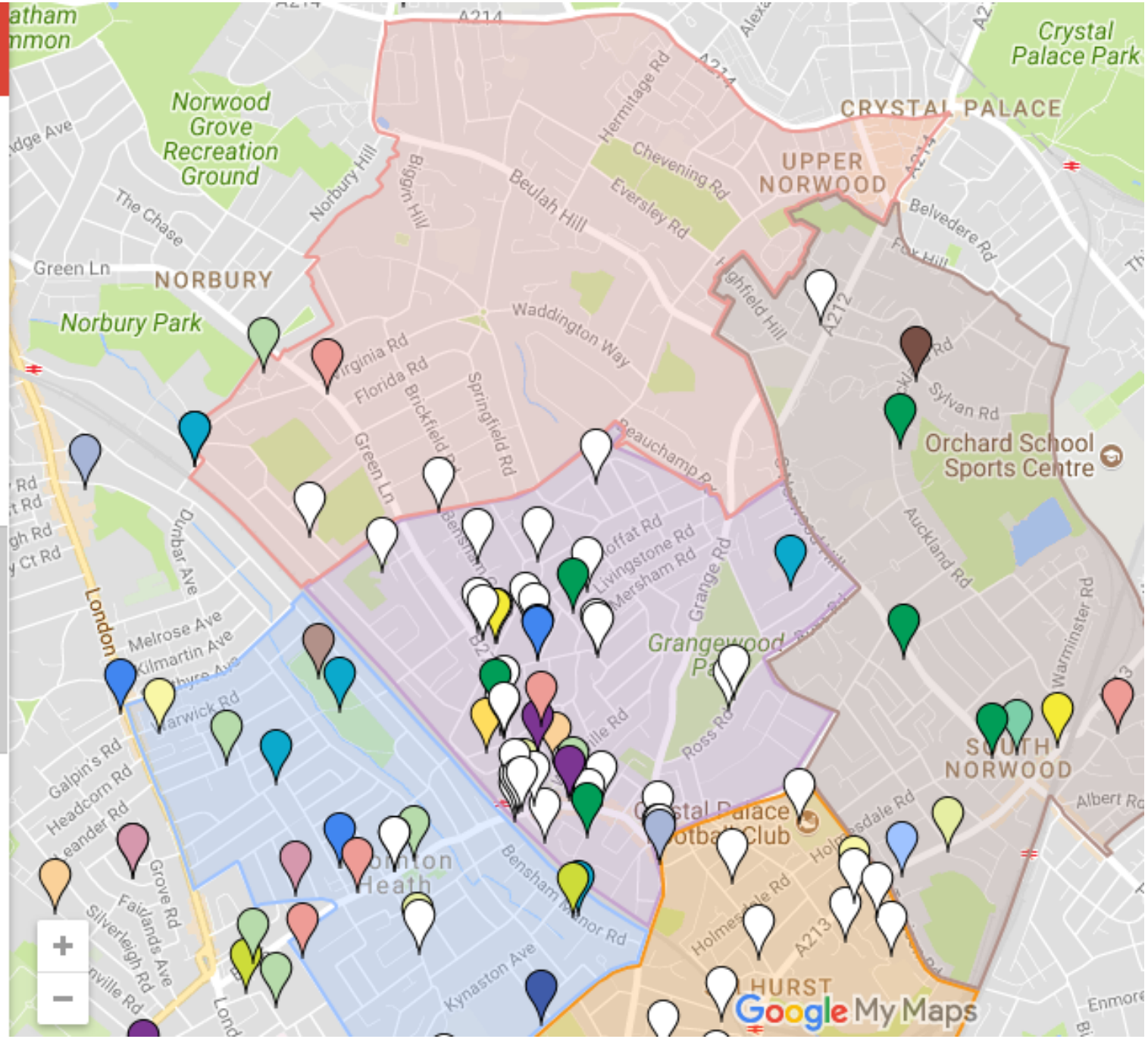
Demo time...

CVA ABCD Asset Map

- Cooking
- Computing
- Physical Health
- Children, Parents, Family
- Community
- Dance/ Singing
- Fitness, Sport, Cricket
- Health
- Other / No data

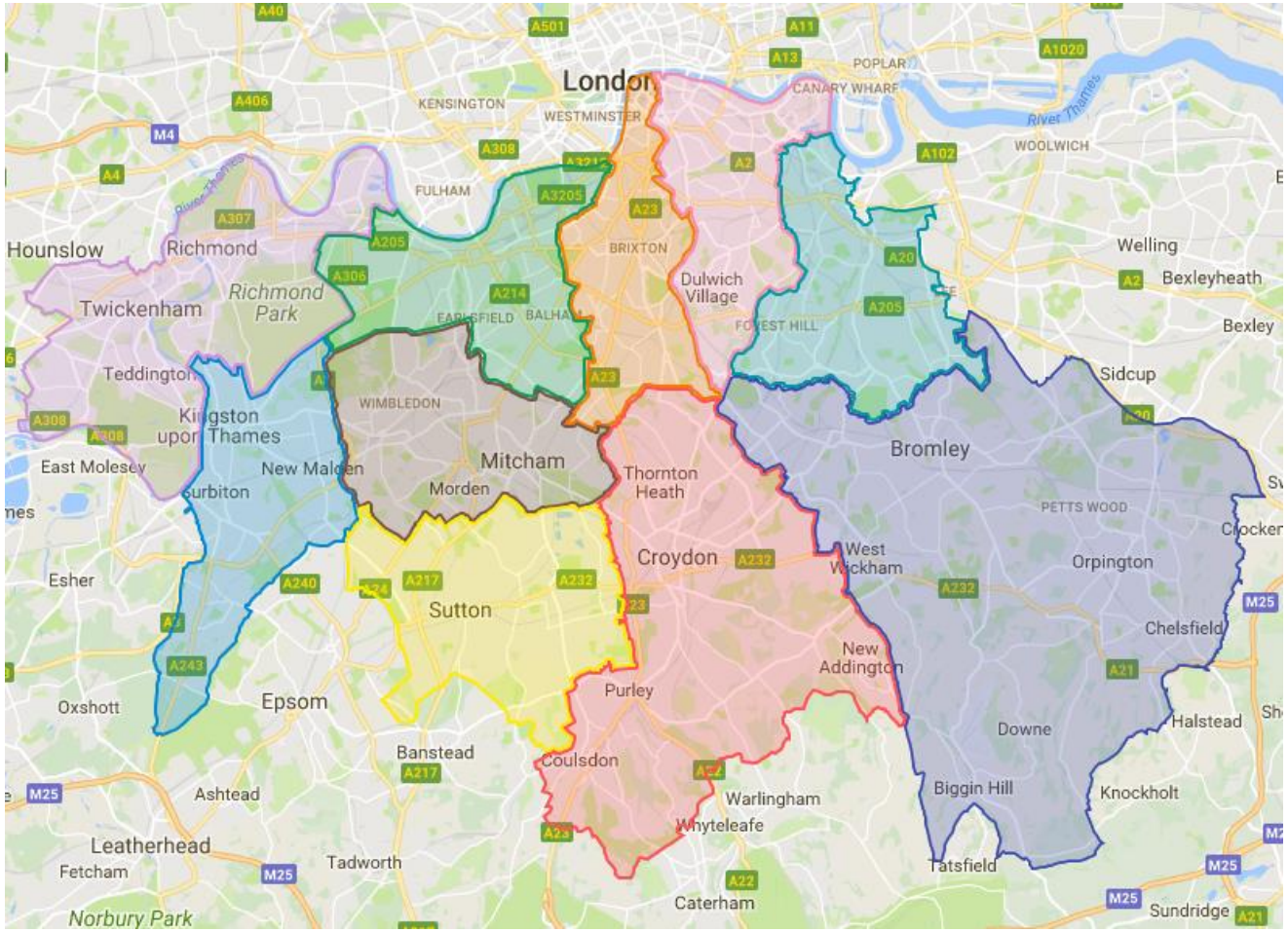
Community based groups

- Family, Community
- Music
- Residents Association
- Other / No data



Borough & Ward boundaries – KML files

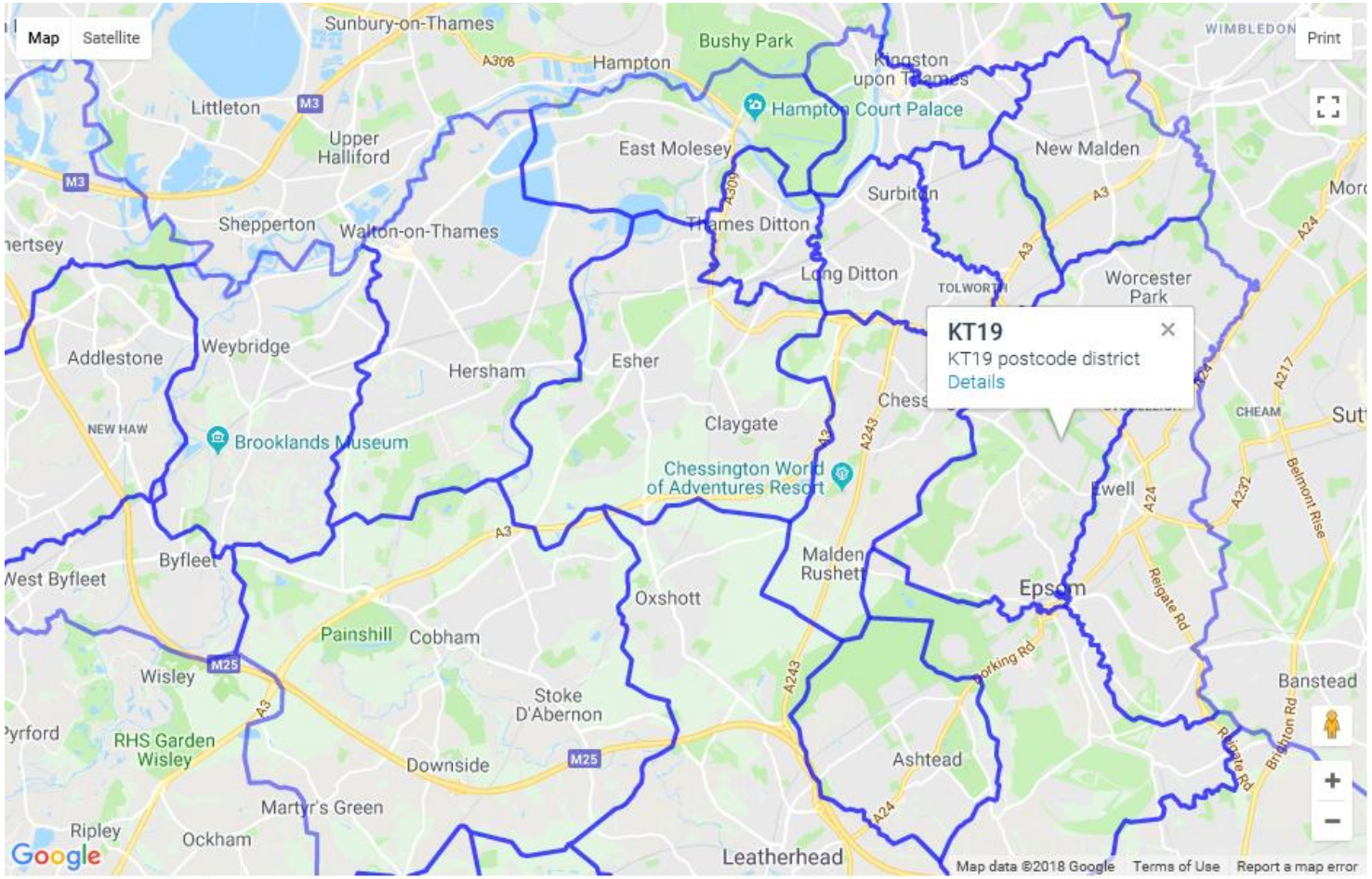
MapIt UK



Top level post code boundaries

Doogal – download KML shape files

(Also useful for batch uploading postcodes and batch downloading wards)



Demo time...

Google My Maps Summary

- ✓Import spreadsheet to plot points on a map
- ✓Add multi-media
- ✓Customise look and feel – range of icons
- ✓Add different layers (max 10)
- ✓Update data table within the map
- ✓Sharing – keep private, share with specific people, make public
- ✓Find out more
- ✓Step by step guide

Community Lens

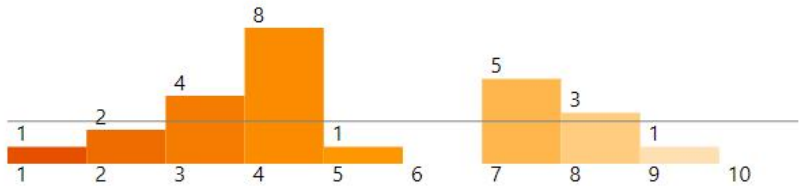
The Lens of Multiple Deprevation

Summary

The majority of the locations (64%) are in the bottom half of areas in England for IMD

Count By Decile

(Decile 1 = Most Deprived, Decile 10 = Least Deprived)



Average Rank Decile

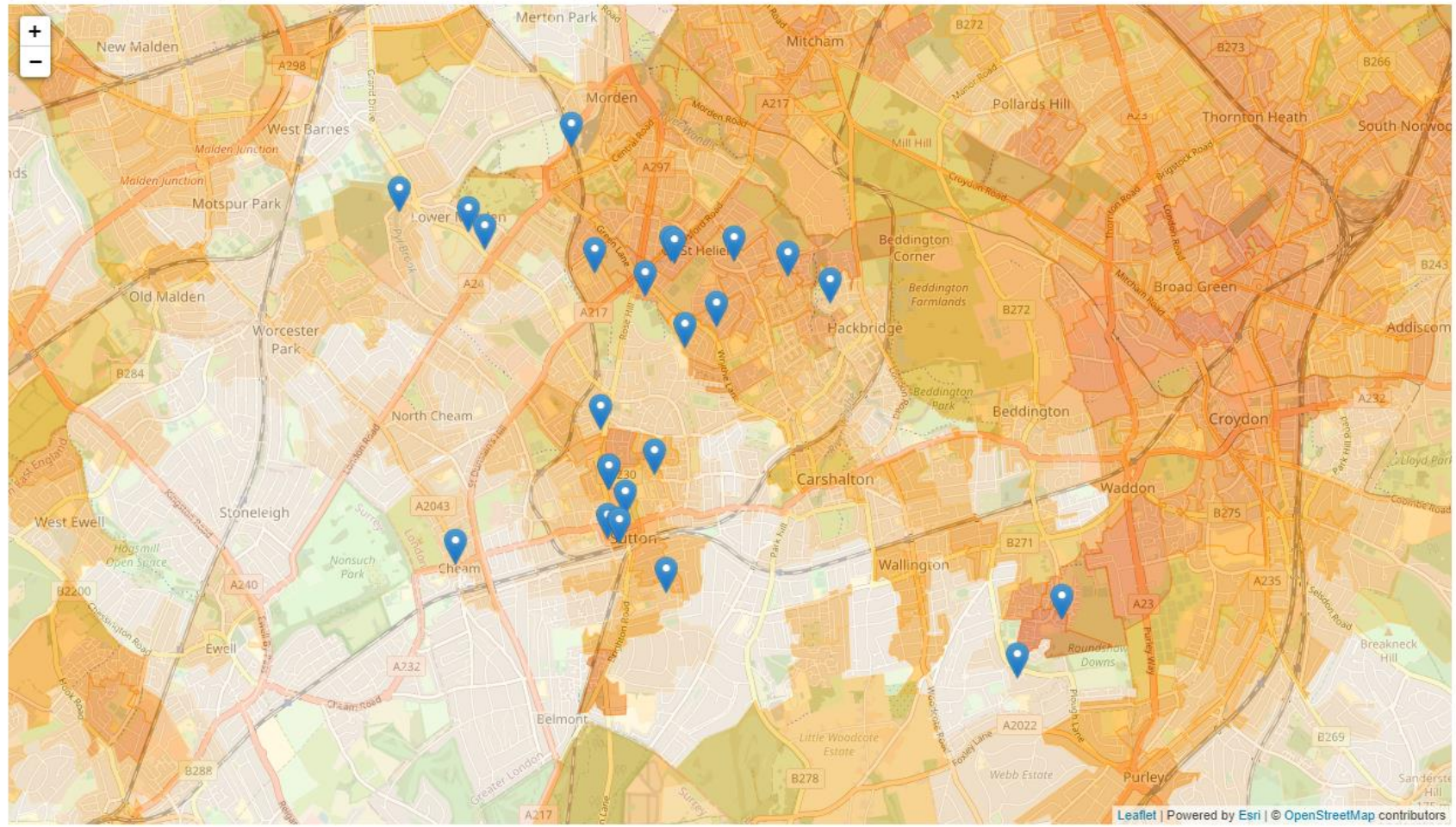
Definition

The overall Index of Multiple Deprivation 2019 is a measure of multiple deprivation based on combining together seven distinct domains of deprivation, Income Deprivation, Employment Deprivation, Education, Skills and Training Deprivation, Health Deprivation and Disability, Crime, Barriers to Housing and Services, Living Environment Deprivation.

Data Source

Download Data

IMD 2019 | Income | Employment | Education + | Health and Disability | Crime | Housing and Services | Living environment



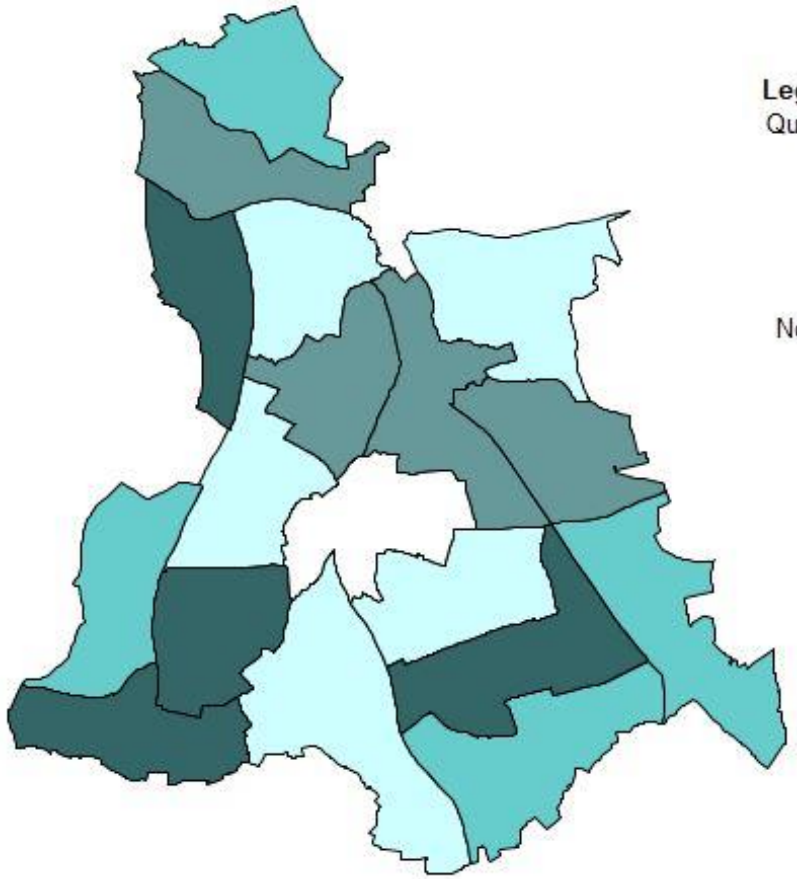
LONDON DATASTORE

Excel Mapping Template for London Boroughs and Wards

Greater London Authority (GLA)

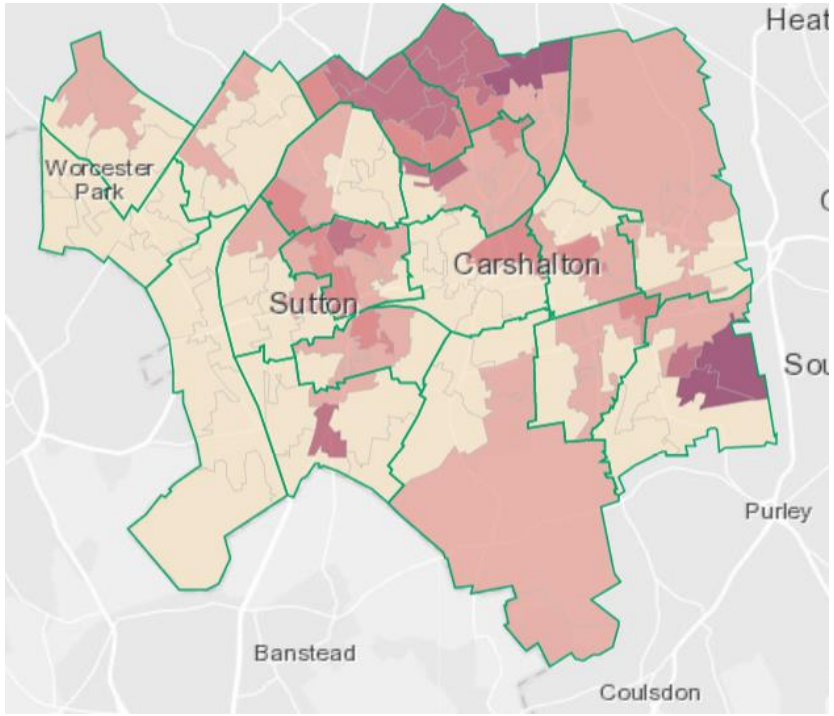
✓London Data Store Borough & Ward Excel mapping templates

Code	Ward name	Values
00AZGD	Bellingham	100.0
00AZGE	Blackheath	105.0
00AZGF	Brockley	110.0
00AZGG	Catford South	115.0
00AZGH	Crofton Park	120.0
00AZGJ	Downham	125.0
00AZGK	Evelyn	130.0
00AZGL	Forest Hill	135.0
00AZGM	Grove Park	140.0
00AZGN	Ladywell	145.0
00AZGP	Lee Green	150.0
00AZGQ	Lewisham Central	155.0
00AZGR	New Cross	160.0
00AZGS	Perry Vale	165.0
00AZGT	Rushey Green	n/a
00AZGU	Sydenham	175.0
00AZGW	Telegraph Hill	180.0
00AZGX	Whitefoot	185.0



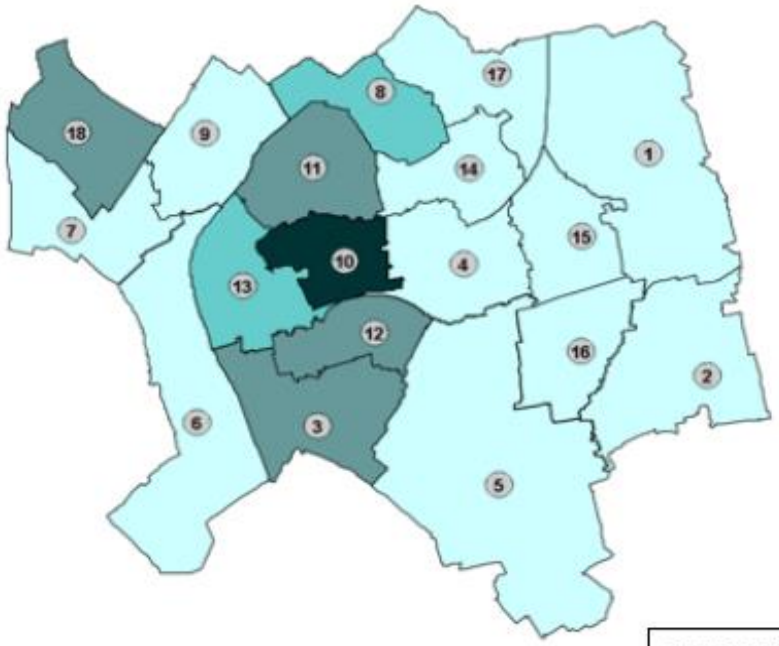
Legend

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



Indices of multiple deprivation

clients by Ward



Darker shades represent higher numbers of clients

Low (>=)	(<) High	Occurrences
1	5	(11)
6	10	(4)
11	15	(2)
16	20	(1)
21	25	

WARD KEY

1 Beddington North
2 Beddington South
3 Belmont
4 Carshalton Central
5 Carshalton South and Clockhouse
6 Cheam
7 Nonsuch
8 St. Helier
9 Stonecot
10 Sutton Central
11 Sutton North
12 Sutton South
13 Sutton West
14 The Wrythe
15 Wallington North
16 Wallington South
17 Wandle Valley
18 Worcester Park

What can you see?

We engaged Directors and Development Workers from **Council for Voluntary Services & specialist infrastructure** in

22 **London boroughs**

Demo time...

Excel Mapping Template Summary

- ✓Either download London Borough map – quantitative, categorical or cartogram (boroughs represented as squares)
- ✓Or Ward map – choose your borough and double check you have the latest Ward boundaries
- ✓Overwrite your data to the left hand borough or ward list
- ✓Change data ranges (4 or 5) and adjust if necessary (you can also change colours)
- ✓Drag the key to over lay the map
- ✓Step by step guide & Video demo

Datawrapper

To share or embed your chart you need to publish it. It will only be visible to people who know the chart URL.

Publish chart

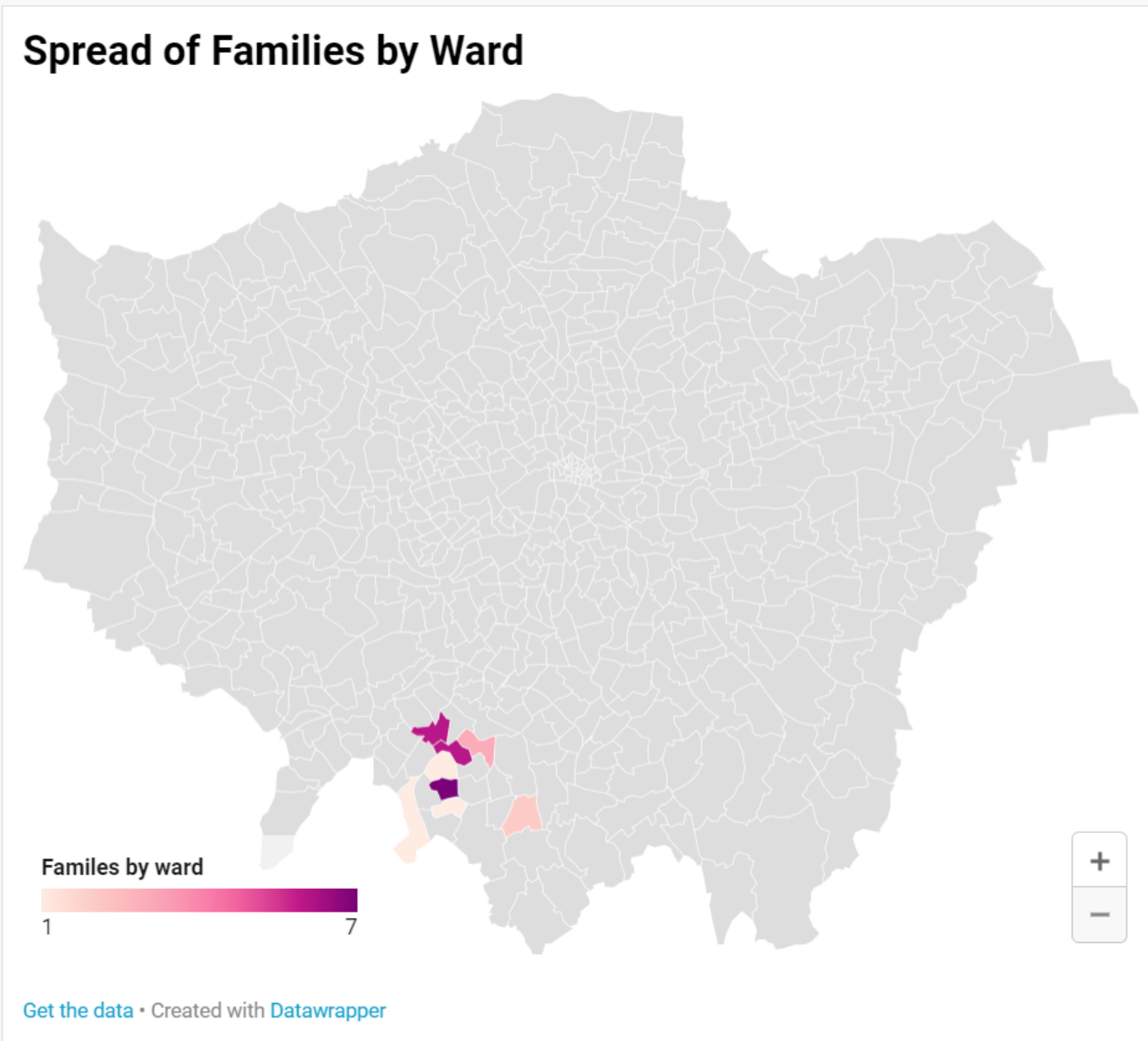
Click here if you want to embed your chart in your **website** or **CMS**.

Export or duplicate chart

You can **duplicate** it to start editing a copy of the chart. Or export it into other formats.

PNG

DUPLICATE



Next step tools for mapping / data analysis

Carto – non profit application for the Builder application

Tableau – non profit discount available via Charity Digital

Flourish – free for public maps

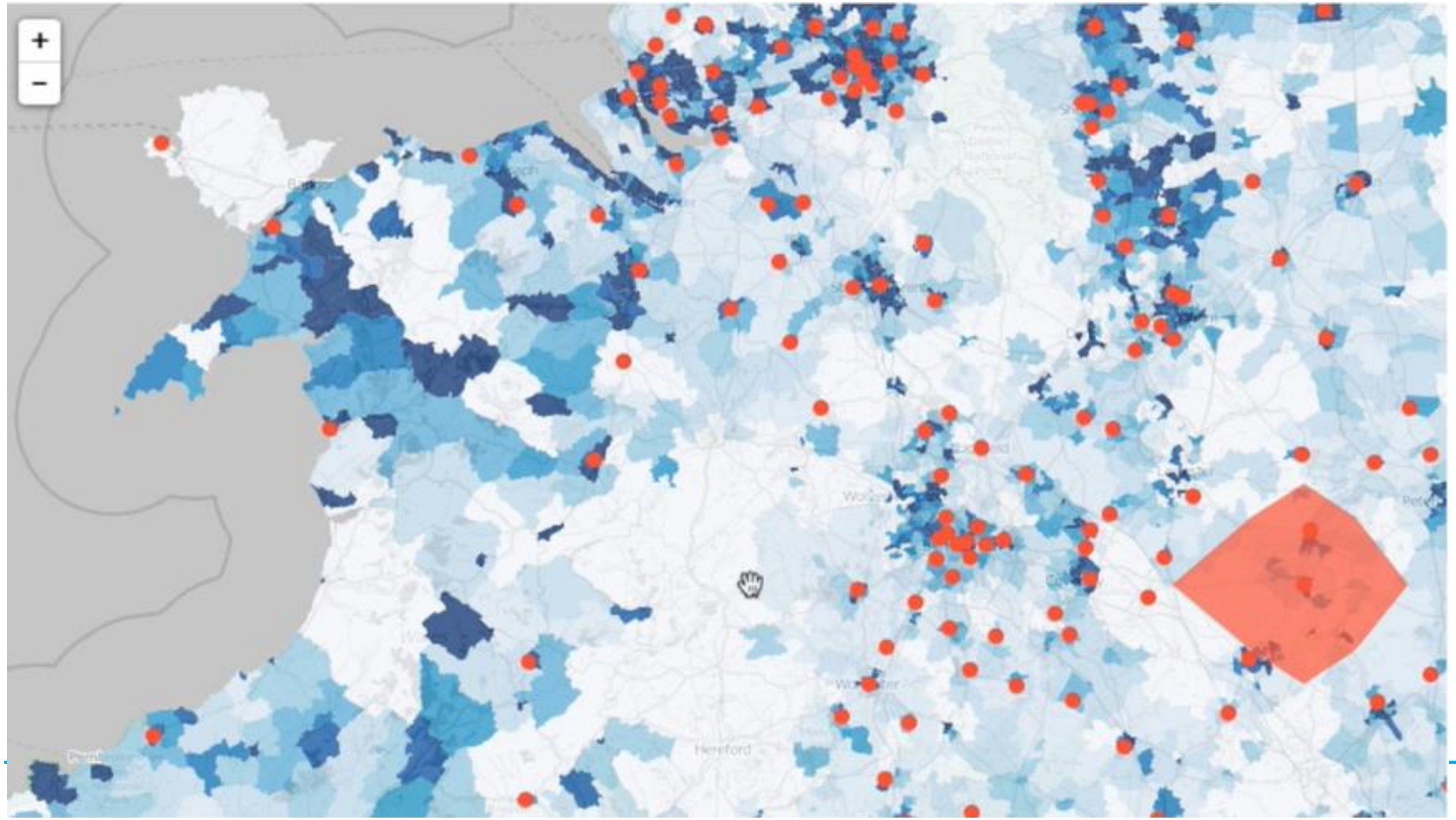
Arc GIS – mapping & analysis – free public map option

PowerBI – free desktop download or Office 365 app (if you have an O365 subscription)

Story Maps

- ✓Guys & St Thomas's Charity – using maps to help understand childhood obesity in Lambeth & Southwark

Mapping Hunger Report



Useful data sources / resources

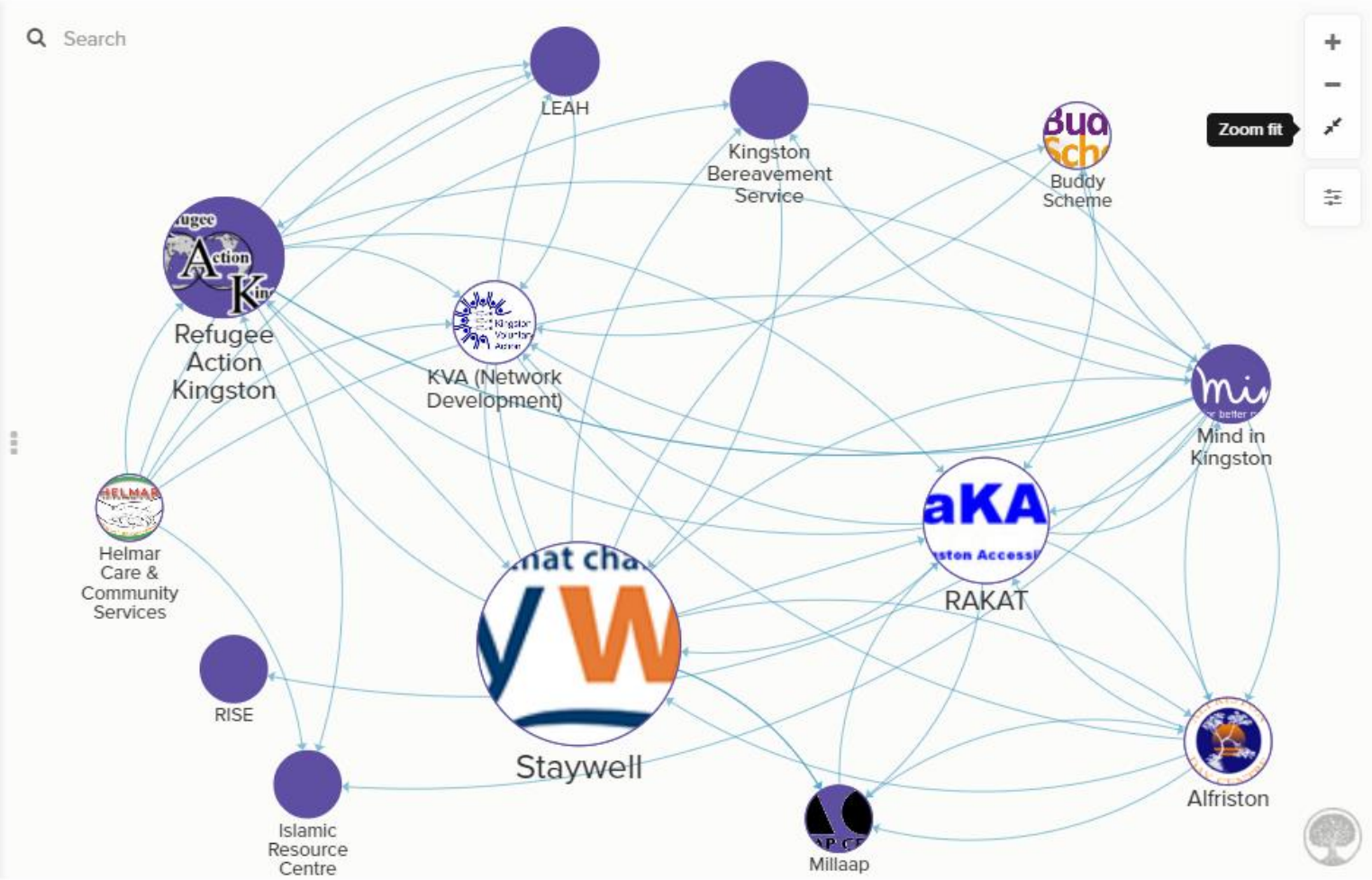
- ✓ London Data Store - borough profiles
- ✓ London Data Store - borough / ward Excel mapping templates
- ✓ Making the most of the London Data Store – scenario guides
  - ✓ UNDERSTANDINGTHE IMPACT OF WARD LEVEL POPULATION GROWTH ON YOUR SERVICES
  - ✓ TARGETTING SERVICES TO OLDER PEOPLE MOST LIKELY TO BE SOCIALLY EXCLUDED
  - ✓ UNDERSTANDING YOUR LOCAL AREA – ARE VOLUNTEERS REFLECTIVE & WHAT ABOUT CRIME STATS
- ✓ Indices of Multiple Deprivation - comparison map of 2015 & 2019
- ✓ London Poverty Profile – IMD rebased for London map
- ✓ British Red Cross Vulnerability Index COVID-19 – maps at neighbourhood, ward and local authority levels
- ✓ NPC Covid-19 data for funders and charities – dashboard & maps

Mapping best practice

Questions to ask yourself…

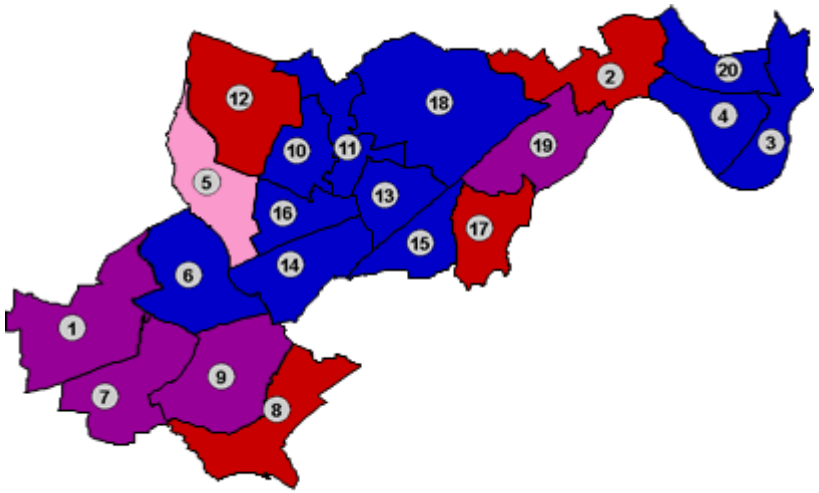
- ✓ Is the map for internal planning / operations?
- ✓ Or will you be sharing externally?
- ✓ Is the data personal and sensitive?
- ✓ How can you ensure you're not identifying people?
- ✓ Does it fit the purpose for which you collected the data?
- ✓ What will you do when the project's finished?

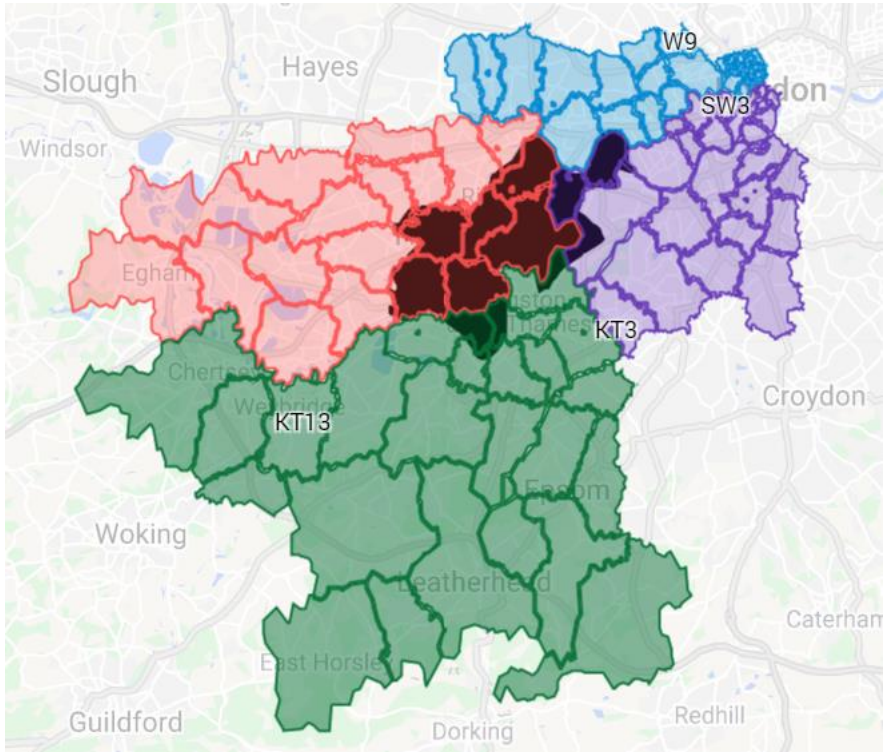
Network mapping with Kumu.io

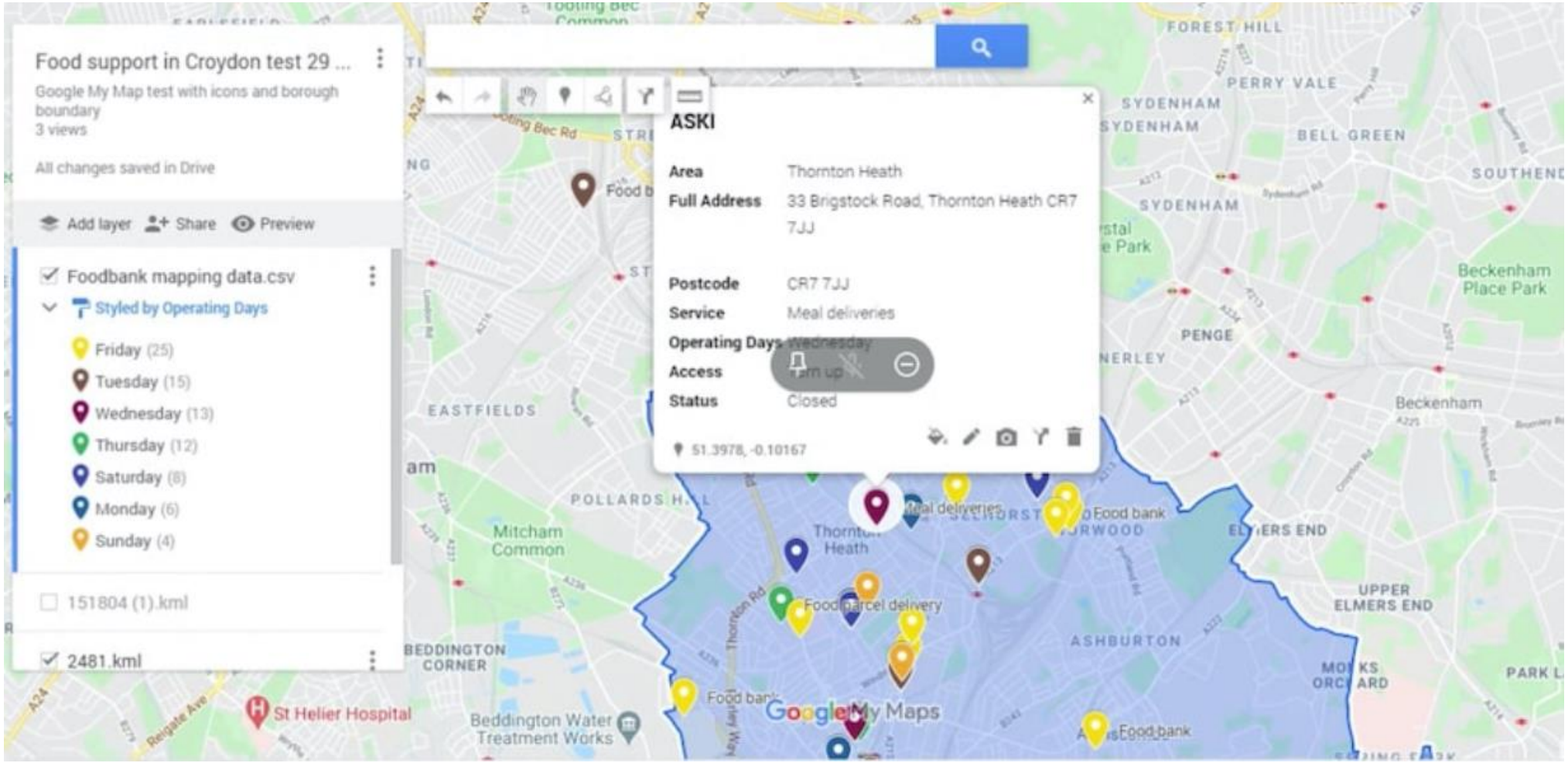


[Kate's journey through network mapping blog]

What map are you going to create?






Food support in Croydon test 29 ...
Google My Map test with icons and borough boundary
3 views
All changes saved in Drive
Add layer
Share
Preview
Foodbank mapping data.csv
Styled by Operating Days
Friday (25)
Tuesday (15)
Wednesday (13)
Thursday (12)
Saturday (8)
Monday (6)
Sunday (4)
151804 (1).kml
2481.kml
ASKI
Area
Thornton Heath
Full Address
33 Brigstock Road, Thornton Heath CR7 7JJ
Postcode
CR7 7JJ
Service
Meal deliveries
Operating Days
Wednesday
Access
Status
Closed
51.3978, -0.10167
Meal deliveries
Food bank
Food parcel delivery
Food bank
Food bank
Thornton Heath
Mitcham Common
St Helier Hospital
Beddington Water Treatment Works
Beckenham Place Park
Beckenham
Google My Maps

Thank you for listening

KATE WHITE

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