

Making a difference with data

Vicky Sargent

Director, Boilerhouse Media

@vickysargent

About me

- **Director of digital SME Boilerhouse**
- **Member, DCLG Local Data Panel**
- **Health & social care T&F group, Birmingham Smart Commission**
- **Long time consultant to Society of IT Management**
- **Director, Making a Difference with Data programme**
- **Veteran of many hard and soft-funded 'bring data to the non-expert' projects and bids**

Data won't make a difference unless
people engage with it.....

Traditional data atlas style presentation

The Older People's Health and Wellbeing

Theme: Theme 1: Population Profile

Indicator: ★% of people aged 65+

User Guide

Print

Download Data

Screenshot

Download Indicator Guide



Geography

Filter Areas

Select Area: Map/List

Select Indicator

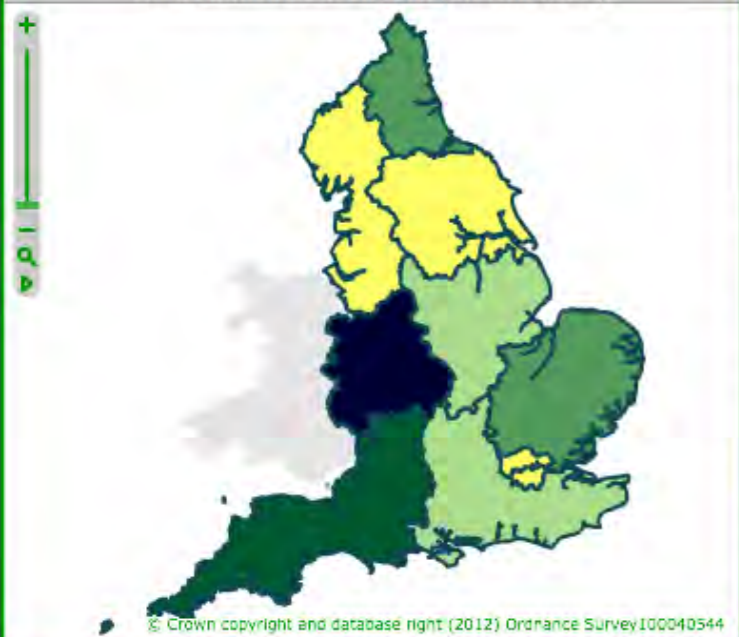
Indicator Description/Bar Chart

★ highlights Indicators added in the March 2013 update

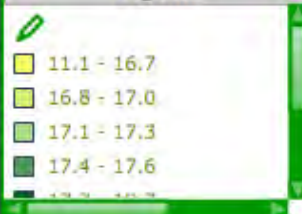
Indicator Description

★% of people aged 65+
 Time period: 2011
Definition: Percentage of the population who are aged 65 and over.
Rationale: Population size is useful for planning service needs. Populations are also used to calculate age specific rates and statistics based on age specific rates.
Data Source: Office for National Statistics (ONS) Population Estimates for UK, England and Wales, Scotland and Northern Ireland, Mid-2011

Local Authorities in England (Click to select)



Legend



Comparison Values

Area	Value
England	16.4

Compare indicators for the selected area(s):

Indicator	Area	Number	Value	England	Worst	Current Performance	Best
▼ Theme 1: Population Profile							
★% of people aged 65+	England	8,729,667	16.4	16.4	11.1		19.7
	West Midlands	953,050	17	16.4	11.1		19.7
★% of males aged 65+	England	3,881,419	14.9	14.9	9.8		17.9
	West Midlands	426,109	15.4	14.9	9.8		17.9
★% of females aged 65+	England	4,848,248	18	18	12.3		21.4
	West Midlands	526,941	18.5	18	12.3		21.4
★2020 projected % aged 65+	England	10,603,004	18.5	18.5	11.4		22.6
	West Midlands	1,139,085	19.1	18.5	11.4		22.6
2035 projected % aged 65+	England	14,190,900	22.9	22.9	14.5		28.3
	West Midlands	1,481,400	1,139,085	22.9	14.5		28.3
★% of people aged 85+	England	1,193,318	2.2	2.2	1.5		2.9
	West Midlands	125,032	2.2	2.2	1.5		2.9
★% of males aged 85+	England	389,909	1.5	1.5	1		2
	West Midlands	40,168	1.5	1.5	1		2
★% of females aged 85+	England	803,409	3	3	2		3.9
	West Midlands	84,864	3	3	2		3.9
★2020 projected % aged 85+	England	1,593,184	2.8	2.8	1.7		3.5
	West Midlands	168,826	2.8	2.8	1.7		3.5
2035 projected % aged 85+	England	2,948,900	4.8	4.8	2.6		6.4
	West Midlands	311,300	4.8	4.8	2.6		6.4
Dependency ratio	England	10,160,000	31.5	31.5	39		20.1
	West Midlands	1,101,000	33.1	31.5	39		20.1
2020 projected dependency ratio	England	10,080,700	28.4	28.4	36.9		15.9
	West Midlands	1,084,800	29.8	28.4	36.9		15.9

■ England ■ West Midlands
 Significance compared to England: Worse ● Better ● None ● Not calculated ■ Better or worse can not be determined; Low ● High ●
 England | Regional Value ◆
 Interquartile range: Q0 to Q1 Q1 to Q3 Q3 to Q4

June 2013: data project makes BBC R4 Today programme !!

Long published open data about mortality rates becomes 'news'

Expert reaction:

- *The public aren't ready for this*
- *Surely everyone knows this stuff*

Longer Lives

Take the Longer Lives Survey

In 2012, one in three deaths in England was under the age of 75¹

Longer Lives highlights premature mortality across every local authority in England, giving people important information to help them improve their community's health.

See how your local authority compares

enter postcode, town or local authority

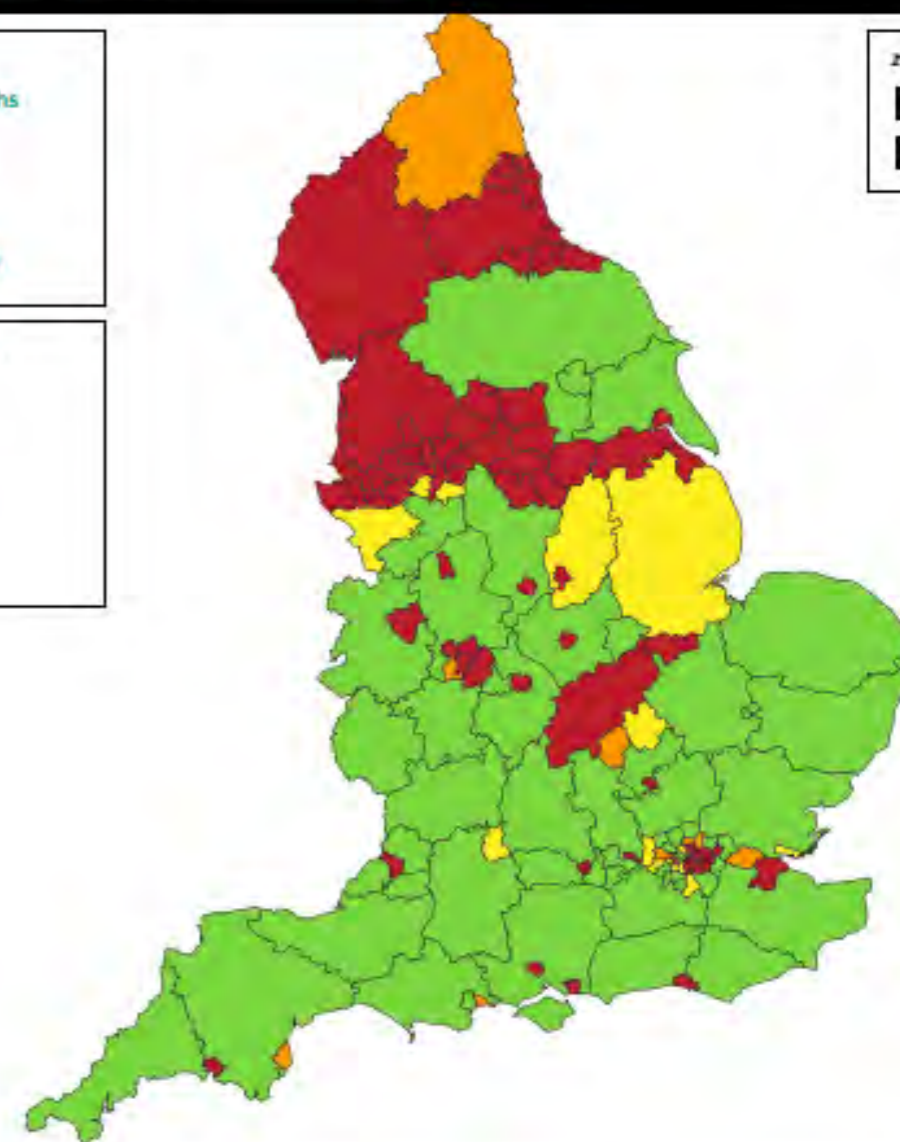


Show data for

- Overall premature deaths
- Cancer
- Heart disease and stroke
- Lung disease
- Liver disease
- Socioeconomic deprivation

Premature mortality outcomes

- worst
- worse than average
- better than average
- best
- data unavailable



Peer group outcomes

Longer Lives provides peer grouping so local

Authorities with worst rates in the five less deprived groups

Bracknell Forest

Authorities with best rates in the five more deprived groups

Kensington & Chelsea

Mortality rankings

Population
53,493,729

Premature deaths
451,197 2010-2012

Premature mortality outcomes worst worse than average better than average best

Table options

Select the data to display

Cause of premature death

Overall premature deaths

Cancer

Heart disease and stroke

Lung disease

Liver disease

Premature death statistic

Premature deaths per 100,000

Total premature deaths

(Rankings are always based on the rate per 100,000)

Supporting data

Population

Socioeconomic deprivation

View more data at phoutcomes.info

About the data

National rankings - Cancer

Ranking 150 local authorities in England

Hover or tap on a local authority to compare it to similar areas

Rank	Local authority	Population	Total premature deaths 2010-2012
150	Manchester	510,772	1,573
149	Liverpool	469,690	2,012
148	Middlesbrough	138,744	616
147	Kingston upon Hull, City of	257,204	1,046
146	South Tyneside	148,428	741 Compare similar
145	Halton	125,692	586
144	Knowsley	145,936	656
143	Hartlepool	92,238	434
142	Newcastle upon Tyne	282,442	1,039
141	Blackpool	141,976	701
140	Nottingham	308,735	949
139	Salford	237,085	909
138	Doncaster	302,739	1,367
137	Barking and Dagenham	190,560	529
136	Redcar and Cleveland	134,998	688
135	Oldham	225,875	918
134	Stoke-on-Trent	249,903	1,034



National General Practice Profiles

CCG: **NHS Birmingham Crosscity CCG**

Practice: **M85065 - DR SN CLAY AND PARTNERS**

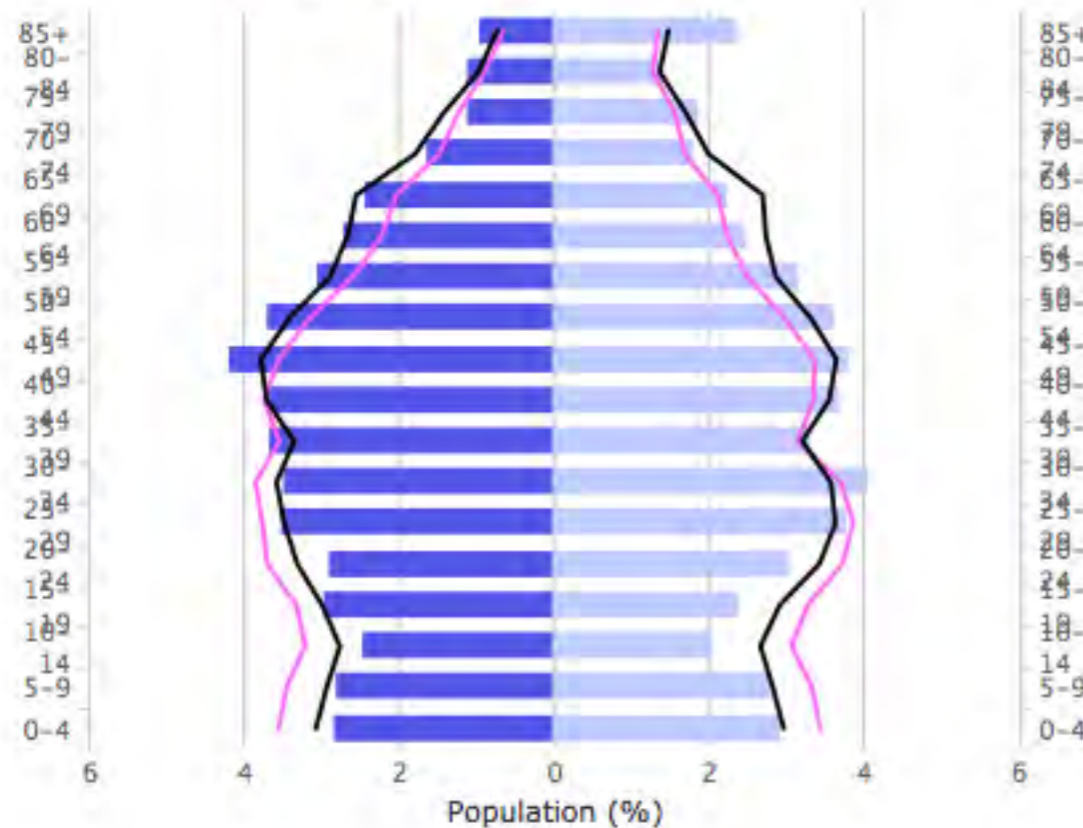
THE POPLARS SURGERY, 17 HOLLY LANE, ERDINGTON, BIRMINGHAM, B24 9JN



Export Summary

- Search
- Population**
- Spine Charts
- Bar Chart
- Trends
- Scatter Plot
- Definitions

Age Distribution 2013



— ENGLAND
 — NHS BIRMINGHAM CROSSCITY CCG
 ■ Practice (Male)
 ■ Practice (Female)

Registered Persons

DR SN CLAY AND PARTNERS	10,733
NHS BIRMINGHAM CROSSCITY CCG	6,353 (average)
ENGLAND	7,041 (average)

M85065 - DR SN CLAY AND PARTNERS

QOF achievement	995.2 (out of 1000)
Male life expectancy	75.8 years
Female life expectancy	81.0 years
% of patients that would recommend their practice	80.6%

Deprivation

Fourth more deprived decile



Ethnicity Estimate

3.8% asian, 2.3% black, 1.5% chinese, 4.6% other non-white ethnic groups

GP data for the public

NB difference in difference in public rating for Dr Clay practice

(81% here, 77% on NHS choices)

NHS choices Your health, your choices

Enter a search term **Search**

Health A-Z Live Well Care and support Health news **Services near you**

Results for GP in B73 5LT

Narrow search or start new search

Showing 1-10 of 969 results | Results per page: 10 | Update | See results on a map | Shortlist (0)

Topics: Key Facts | Sort by: Nearest | Update results

Practice Name	Address	Rating	Patients	Would recommend the surgery	Electronic prescription service	Accepting patients	Online appointment booking	Order or view repeat prescriptions online
THE HAWTHORNS SURGERY	Tel: 0121 373 2211 331 Birmingham Road Sutton Coldfield West Midlands B72 1DL 0.31 miles away Get directions	★★★★★ 19 ratings Rate it yourself	12298 patients	OK 85.8% - In the middle range	NO	YES Currently accepting new patients	NO Online appointment booking is not yet available	NO Viewing or ordering prescriptions online is not yet available
Dr Bhatti M E	Tel: 0121 373-0056 Sutton Road Surgery 122 Sutton Road Erdington Birmingham B23 5TJ 0.56 miles away Get directions	★★★☆☆ 11 ratings Rate it yourself	2486 patients	! 67.3% - Among the worst	NO	YES Currently accepting new patients	NO Online appointment booking is not yet available	NO Viewing or ordering prescriptions online is not yet available
Dr Clay S N & Partners	Tel: 0121 377-2133 Poplars Surgery 17 Holly Lane Erdington Birmingham B24 9JN 0.94 miles away Get directions	★★★★★ 11 ratings Rate it yourself	10771 patients	OK 77.3% - In the middle range	NO	YES Currently accepting new patients	NO Online appointment booking is not yet available	NO Viewing or ordering prescriptions online is not yet available
Midlands Medical Partnership Birmingham North East The High Street Surgery	Tel: 0121 373 0086 The High Street Surgery 26 High Street	★★★☆☆	38780 patients	OK	NO	YES	YES	YES

Decision-makers at all levels need to know
that the data is there.....
.....and have the tools to interrogate it
whenever they want to

Health and Social Care West Midlands

Making it work

Improvement and Efficiency
West Midlands 

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About

Learn more about how this site can help you



Map

View health & social care provider locations and compare local outcomes



Directory

Find and connect with fellow professionals within WM health & social care



Resources

Access useful links and documents



Groups


Start or join a topic or interest-based community to share knowledge (registration required)



Forums

Start or join discussions and share ideas for developing this resource



HSCWM "Jigsaw" PDF Download 

Latest news

Tue, 22 Apr 2014

[Save the date – Better Connected event on June 18th](#)

ADASS West Midlands, together with the Black Country Collaborative Working Group, is hosting this informative, free, one day event which aims to increase the awareness and appreciation...

[Read More >](#)

Thu, 10 Apr 2014

[Health and social care will share GBP 5bn extra funding to integrate in UK](#)

A GBP 5bn pooled budget to deliver integrated health and social care services is to be made available for councils and NHS commissioners, a

Latest forum posts

Sat, 04 Jan 2014 @ 19:23

[Using forums and groups](#)

Forums Forums are for general discussion and logged in site members can post public information about news, events, and projects, post feedback and ask questions. The information is...

[Read More >](#)

Tue, 03 Dec 2013 @ 09:14

[Soft launch of Health and Social Care West Midland website](#)

This website will be 'soft launched' at IEWM's Rewiring Public Services in the West Midlands conference on December 6th in Birmingham. The conference is the annual event for public...

Latest resources

Wed, 19 Feb 2014 @ 13:13

[CLG-WM's Health, Care and Wellbeing resources](#)

A research project, commissioned by Centre for Local Government – WM working with PHE – WM and Learning for Public Health that identifies the main...

[Visit link >](#)

Tue, 04 Feb 2014 @ 15:00

[Better Care Fund Planning](#)

This link provides access to a page on the NHS England website with a wide range of guidance, templates, FAQs and other resources to support BCF planning.

[Visit link >](#)

Health and Social Care West Midlands

Making it work

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This section provides information about health & social care organisations' locations and geographical boundaries and some [outcomes data](#) sourced from HSCIC.

Let us know about other data you would like to see displayed by emailing admin@hscwm.org.uk or using the forum.

1. Choose a Base Layer:

Local Authorities

2. Choose boundaries:

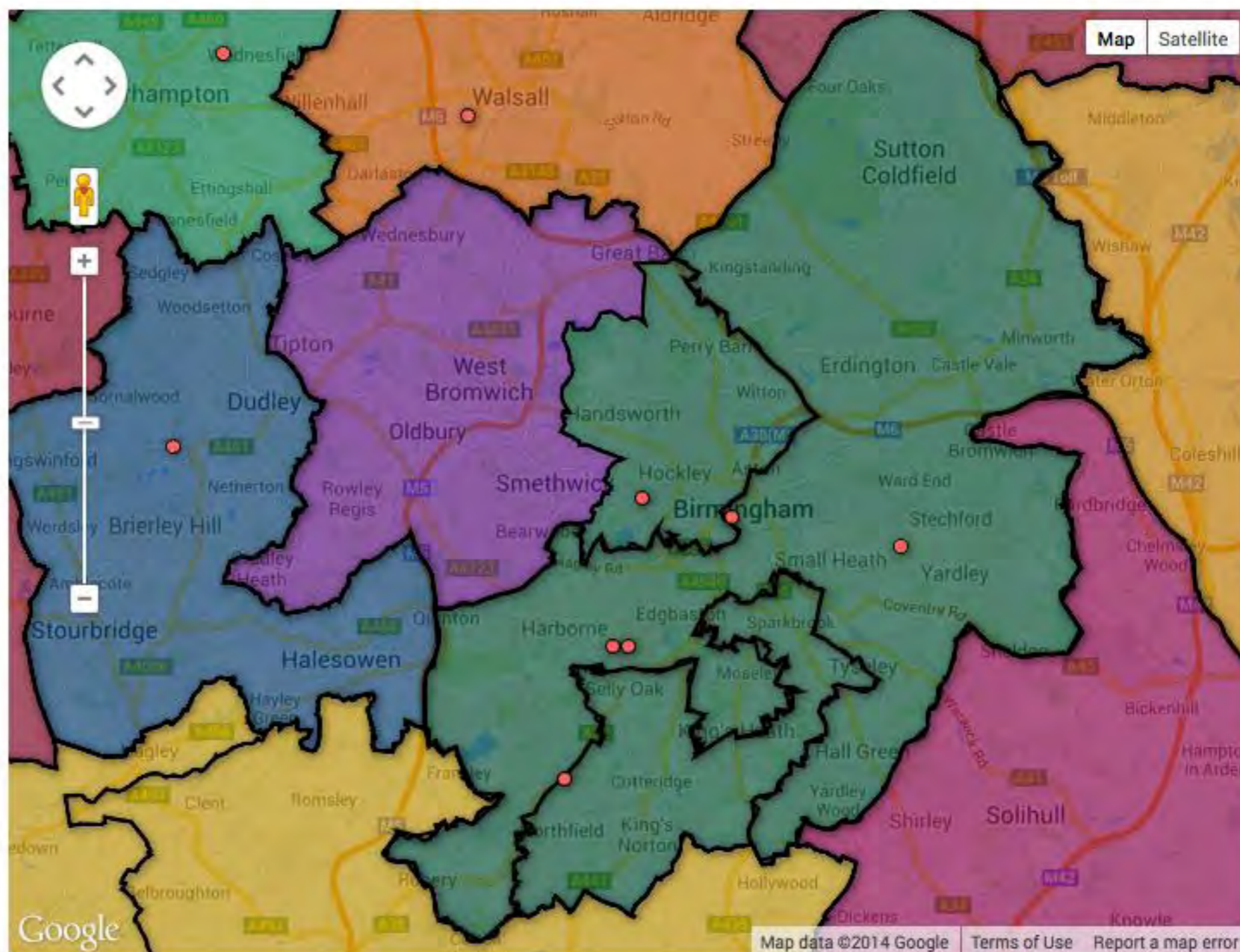
CCGs

3. Choose locations:

Acute Trusts

Care Homes

GP Practices



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1. Choose a Base Layer:

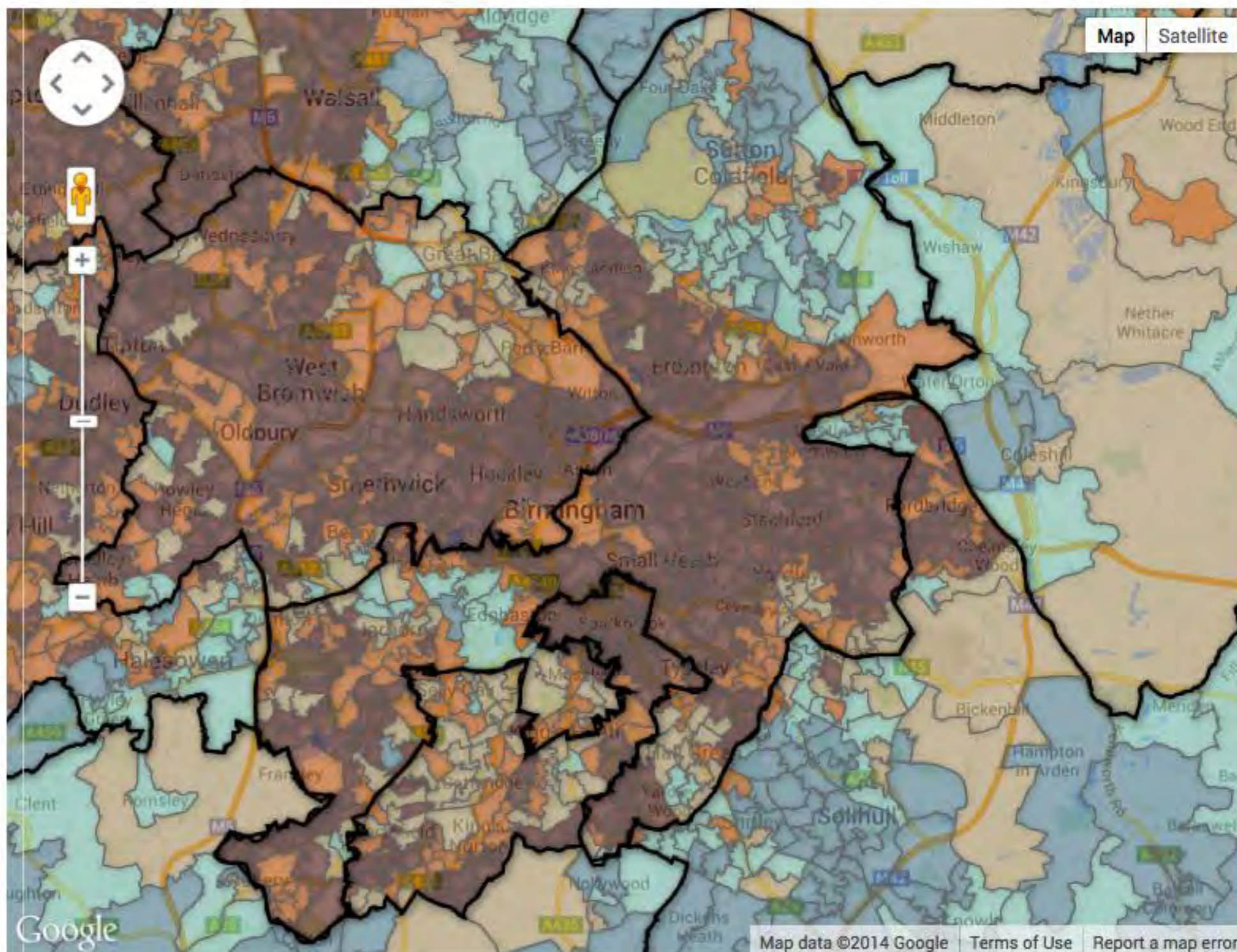
Indices of Deprivation by LSOA

2. Choose boundaries:

CCGs

3. Choose locations:

- Acute Trusts
- Care Homes
- GP Practices



Health and Social Care West Midlands

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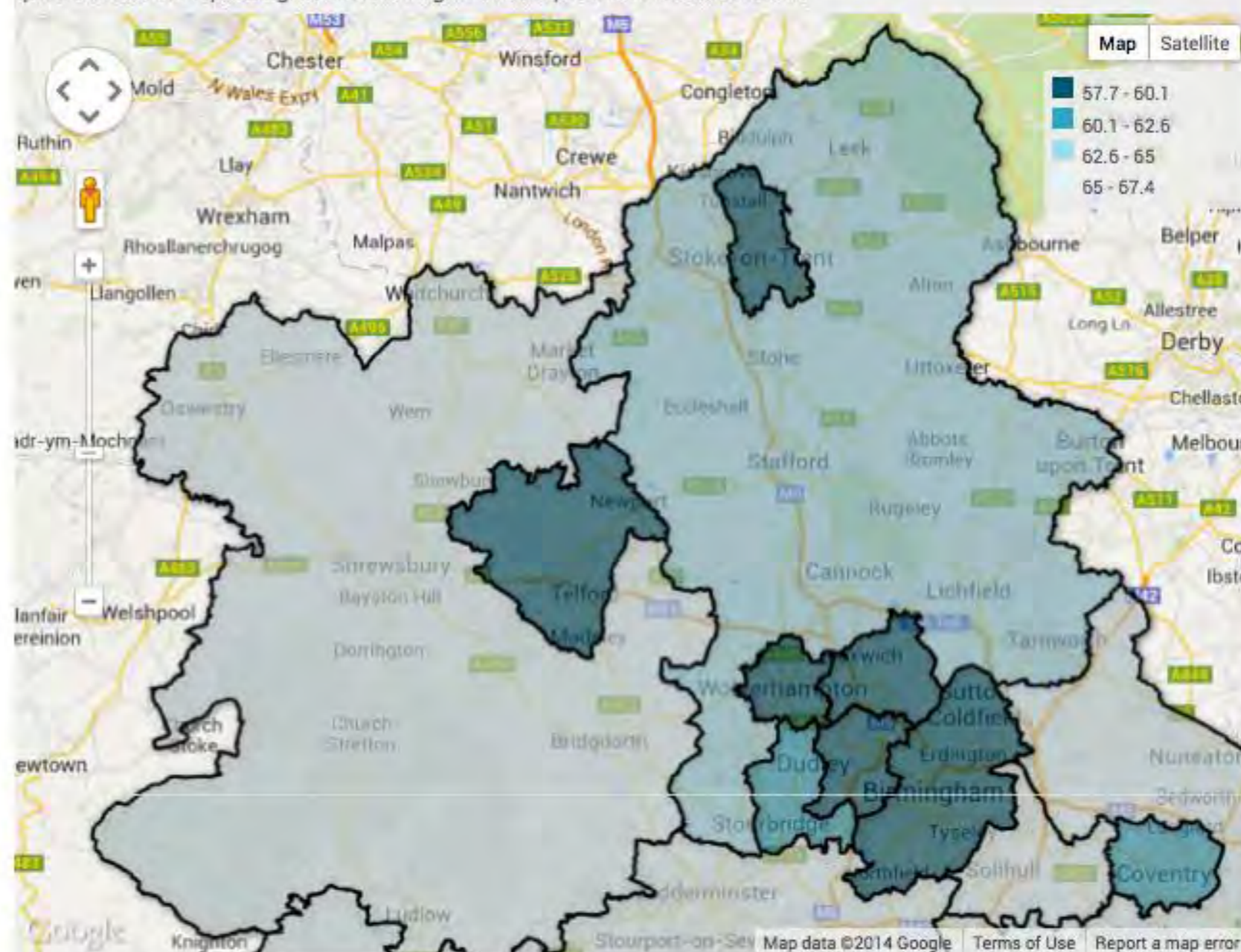
Public Health

0.1i - Healthy life expectancy at

or Adult Social Care

or CCG outcomes

A measure of the average number of years a person would expect to live in good health based on contemporary mortality rates and prevalence of self-reported good health. A higher score represents a better outcome.



Health and Social Care West Midlands

Making it work

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This section provides information about health & social care organisations' locations and geographical boundaries and some [outcomes data](#) sourced from HSCIC.

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1. Choose a Base Layer:

Indicies of Deprivation by LSOA ▾

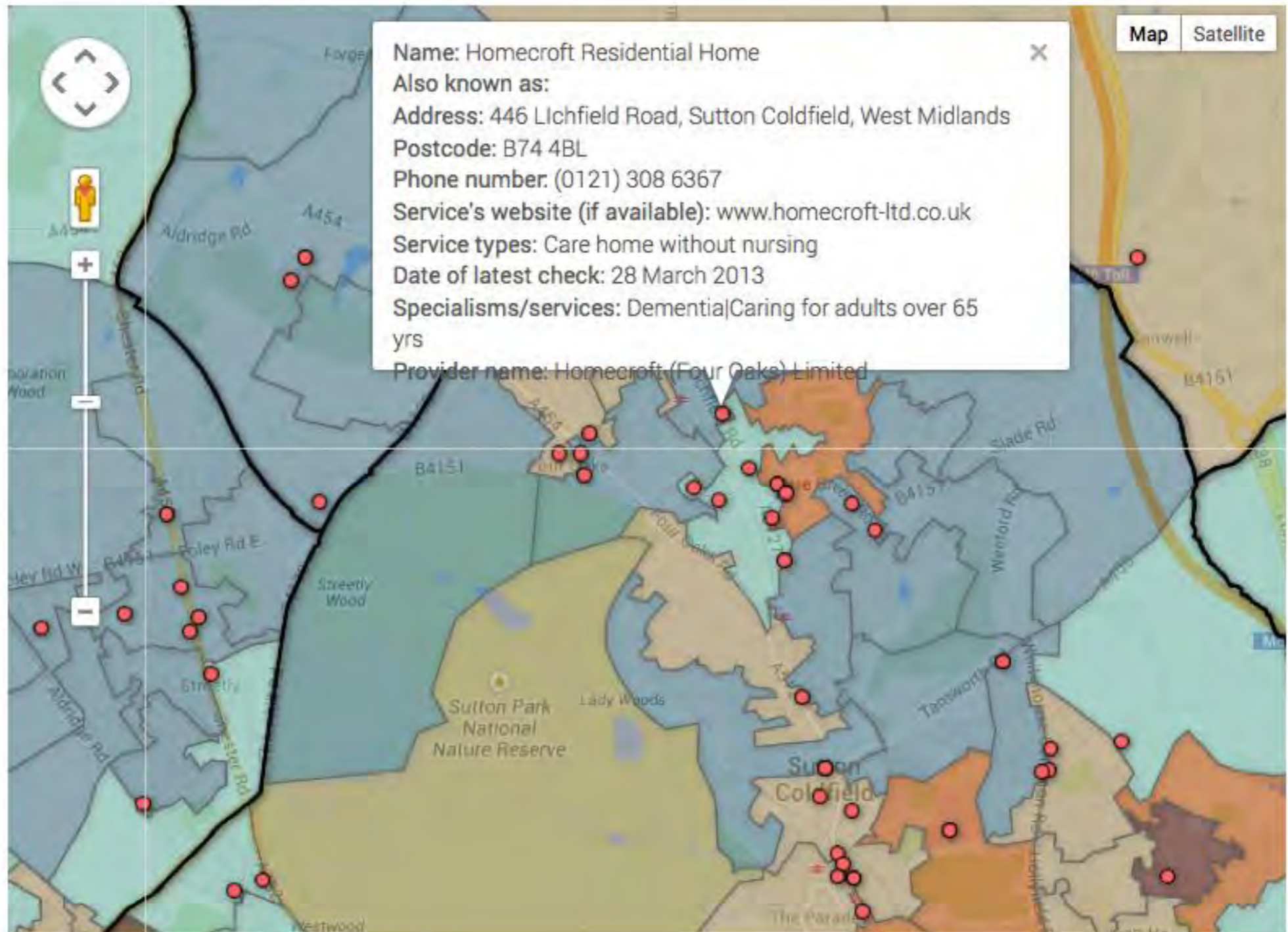
2. Choose boundaries:

Local Authorities ▾

3. Choose locations:

Acute Trusts

Care Homes



Community healthcare commissioning tool

Service data Choose service **COPD**

COPD services

Lorem Ipsum Dolor

Dolor Lorem Ipsum

Amet Consectetur

Mauns eu odio Habitasse Platea

Basic info

Lorem ipsum dolor 51
consectetur adipiscing 41
Population size: 290,000

More info

Lorem ipsum dolor 51
consectetur adipiscing 41
Population size: 290,000



Chart title 1

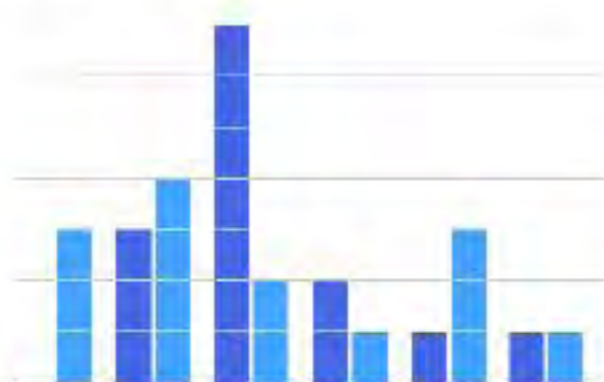


Chart title 2

Provider name	Budget	Volume	Performance	Customer rating
Lorem Ipsum	0000	000	xxx	1
Consectetur	0000	000	xxx	3
Ipsum Consectetur	0000	000	xxx	2
Habitasse Platea	0000	000	xxx	2
Platea Lorem	0000	000	xxx	1
Lorem Habitasse	0000	000	xxx	3
Lorem Consectetur	0000	000	xxx	3
Platea Ipsum	0000	000	xxx	2
Lorem Habitasse	0000	000	xxx	2
Lorem Ipsum	0000	000	xxx	1

About this project

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur placerat, mi at pretium egestas, eros diam congue nibh, sed varius dolor eros et libero. Duis quis est dolor. Sed purus libero, volutpat id tempor ut, dapibus eget.

Contact

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Curabitur placerat.

Telephone: 0845 1234 564

E-mail: info@website.co.uk

Crowd-sourcing data

LAMBETH IN NUMBERS BETA



- Home
- Map comparisons
- Add my data
- Forums
- Account Settings

Title

Marker type:

- Restaurant/cafe/snack bar
- Restaurant/cafe/snack bar
- Public House - Catèring
- Take-away food
- Grocers & Small Supermarkets
- Bar/cafe bar/ bar-restaurant
- Food Manufacturers
- Market Stalls
- Delicatessen
- Catering Company
- Super market

Map data ©2012 Google - [Terms of Use](#)

REPORT IT

Find recorded crimes by location
or by a reference number

Enter Location or Report number

LOCATE IT

Please complete the form below.

STEP 1. Location

You can change or refine the location, by moving the marker on the map opposite. Click the marker to change the direction you are facing.

42-130 New Street, Birmingham, West Midlands B

STEP 2. Type of crime

Please select one or more categories below

- | | | |
|---|-------------------------------------|------------------------------------|
| <input type="checkbox"/> Race | <input type="checkbox"/> Religion | <input type="checkbox"/> Ethnicity |
| <input type="checkbox"/> Sexual orientation | <input type="checkbox"/> Disability | <input type="checkbox"/> Other |

STEP 3. Date and time of crime

Please enter the date and time the reported crime took place

Day	Month	Year
8	April	2013
Hour	Minute	AM/PM
4	7	PM

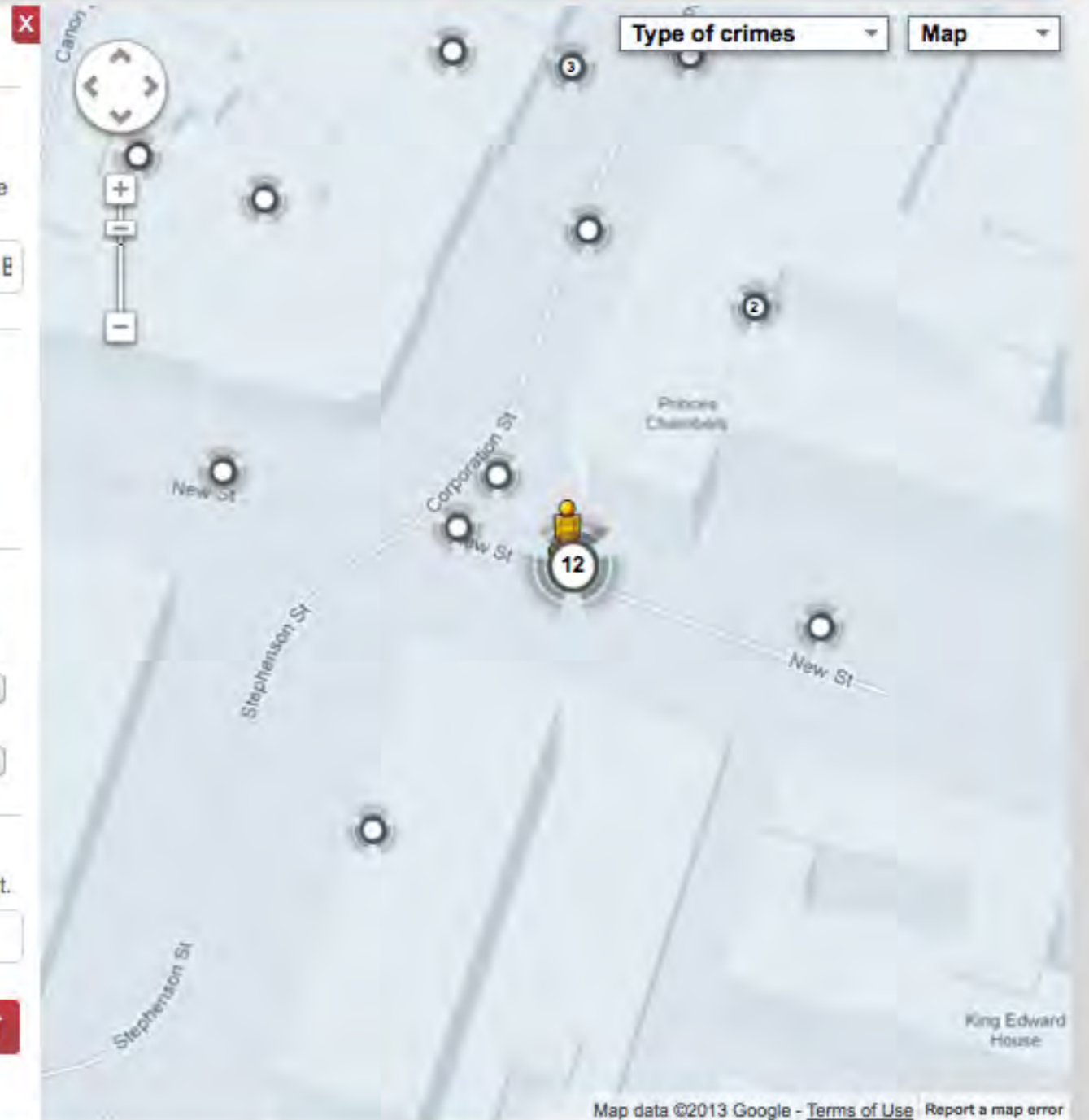
Receive confirmation (optional)

Please enter your email address to receive a copy of your report.

your@email.com

SUBMIT REPORT

Google

Map data ©2013 Google - [Terms of Use](#) [Report a map error](#)



Neighbourhood Planner

An Information Daily channel

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The Neighbourhood Planner Interactive Mapping Tool

The tool allows the user to view and update information on the progress of neighbourhood planning across England.

Public and professionals can add and modify their own neighbourhood planning data on the map.



Explore map

#neighbourhoodplanning

RT @SPARCBC: Vancouver Neighbourhood house & settlement conference in May: <http://t.co/4fLL9ldz0j>
#inclusion #neighbourhoodplanning
Tweeted 8 hrs ago

RT @Cmnplace: @CentralActon thanks for following, here's our demo <http://t.co/Kr1ydzWt6s> - we'd love to meet u & discuss cmnplace & #neighb...
Tweeted 1 day, 2 hrs ago

RT @Billers_Roden: Care about community/#housing /#openpolicy? Tried #neighbourhoodplanning?
Free event in Ealing, London w/ @WECNF <http://t...>
Tweeted 1 day, 10 hrs ago

Latest News and Blogs

10th April · 5:00pm
[Information Daily launches new look as readership 150% up on 2013](#)
Leading independent public sector online title boosts daily supplements focusing on Health Care, Data, Core Cities, High End Manufacturing & Social Enterprise. [Read More »](#)

30th March · 11:24am
[The Sunday Papers 30:03:14 a policy wonk's weekend reading](#)
Lazy civil servants; planning mess; LEPs; Better Care Fund; Social Enterprise investment; Scots destabilise North East, big data "complete bollocks"; Thames super sewer. [Read More »](#)

16th March · 12:46pm
[The Sunday Papers 16:03:14 a policy wonk's weekend reading](#)
Who has been saying what about policy issues in regional development, internet access, social security and public broadcasting. [Read More »](#)

14th March · 1:41pm
[Budget 2014: cities should be at the centre](#)

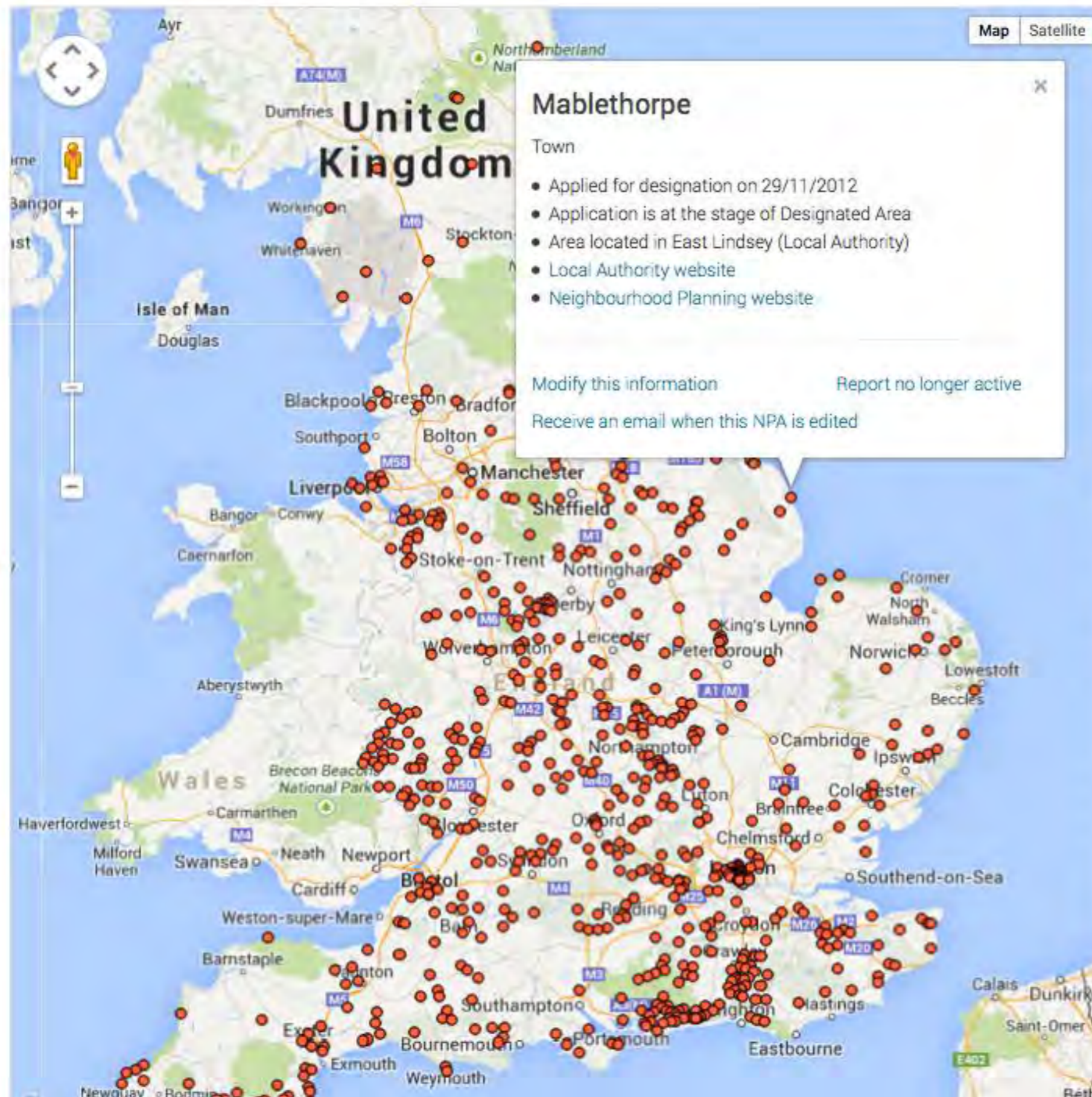
Current Stats

Total number of neighbourhood planning areas

714



Existing Neighbourhood Plans



The data used to create this map, in April 2014, came from the Department of Communities and was collected by them from local authority websites. If you are involved in neighbourhood planning activity, you are invited to update the data for the benefit of everyone using this resource.

Change information about existing neighbourhood plans

Click on markers to see further information about the status of each plan. To modify the information, use the link within the popup. You will need to be [registered](#) and logged in to do this.

Add a new NPA to the map

Use the button below to add a new NPA to the map. You will need to be [registered](#) and logged in to do this.

[Add a new NPA](#)

Sign up for email alerts

If you'd like to receive an email alert when new information is added to an NPA you are interested in, please follow these instructions:

1. Go to the map and click on the relevant NPA
2. Click "Notify me of changes" and follow instructions

You will need to [register](#) to use this facility.

Making a Difference with Data



This programme has been developed to show how open data and data driven decision-making support social and economic growth and well being

Making a Difference with Data is working with leaders and senior managers of local public services, industry and enterprise to communicate and demonstrate the benefits of using data for citizen engagement, effective public services and wealth-creation.

MADwDATA has three key strands:

- A series of live [events](#)
- A [community platform](#) for sharing and demonstrating ideas for data release and use
- An online [news service](#) for data news, features and opinion

Register NOW to receive news and alerts




Sponsors

If you would like to discuss getting involved with

DataDaily news

[Can the NHS build on big data?](#)

Tweets

 Follow

Making a Difference with Data

- Connect local leaders and policy-makers across silos
- Share data but also thinking how data can be used to improve and develop their town/city/neighbourhood
- Initially working with core cities

Five elements:

- www.madwdata.org.uk
- DataDaily
- Spotlight
- Events in core cities
- Making a difference with data awards



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DataDaily news

[Can the NHS build on big data?](#)

Can NHS IT teams make use of big data to find new innovative ways to improve patient care and reduce costs?

[Personal data and the quantified self - things you ought to know](#)

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[New businesses need access to the latest digital technologies](#)

With an ever-increasing number of small businesses providing business solutions, these companies need to have the right digital capabilities...

[Nursing Technology Fund - a window of opportunity for the NHS?](#)

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 US doctor's burnout as morale at all time low due to Gov muddling. HealthIT not a low cost, cure-all says Doctor [bit.ly/1hi9YeN](#)
[Show Summary](#)

MADwDATA @MADwDATA 22 Apr
 Social Investment Business £10m fund to help social enterprises win work and grow [@thesocialinvest](#) [theinformationdaily.com/2014/04/2](#)
[Show Summary](#)

MADwDATA @MADwDATA 17 Apr
 Science Capital, #Birmingham event looks at commercial exploitation of #bigdata and

Thank you