

The background of the slide is a faded, light-colored photograph of a London scene. On the right side, the modern, curved glass facade of the London School of Economics building is prominent. In the background on the left, the iconic Tower Bridge is visible, spanning across the River Thames. The overall image is semi-transparent, allowing the text to be clearly legible.

The London Schools Atlas

Understanding current and future patterns of demand for school places

Ben Corr & Richard Walker

Background

The Mayor's 2012 Education Inquiry explored the challenges facing London's schools

Challenges for school place planners

Demand

- Fertility boom
 - Between 2001/02 and 2011/12, annual births increased from **104k** to **134k**
- Changing migration patterns
 - Recession triggered large fall in number of families leaving London

Demand: London state-funded school rolls

	2008	2013	2018*	2023*
Primary	568k	634k	708k	738k
Secondary	375k	381k	406k	472k

*Projections based on GLA population projections, assuming number of children in alternative provision remains constant

Challenges for school place planners

Delivery

- Shortage of potential sites across much of London
- Pressing need for new homes creates additional competition for available sites

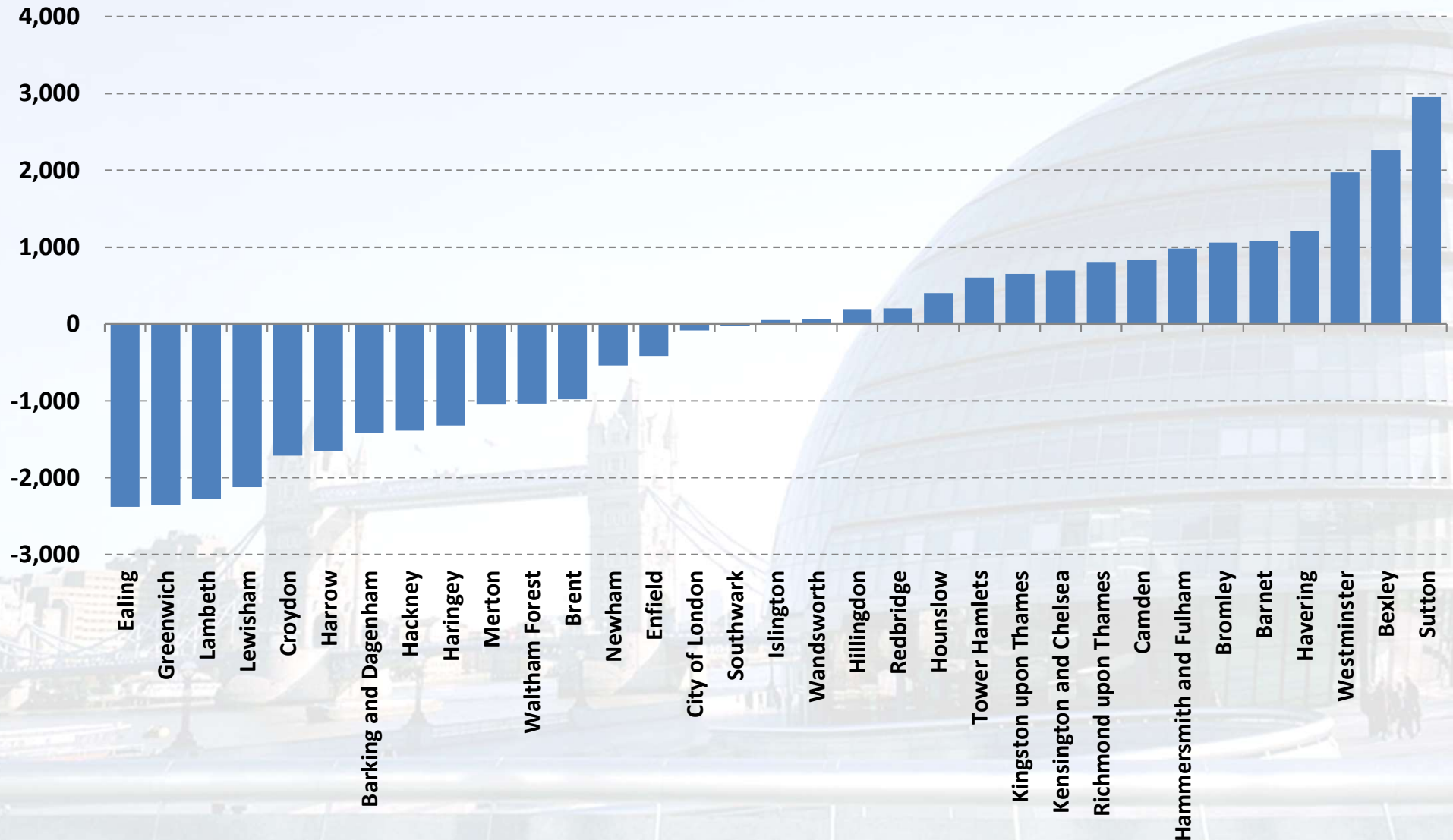
Challenges for school place planners

Cross border mobility

- London local authorities geographically small
 - Good public transport links
- ⇒ very high level of cross border mobility
- Complicates meeting duty to provide places
 - Necessitates collaborative working between authorities

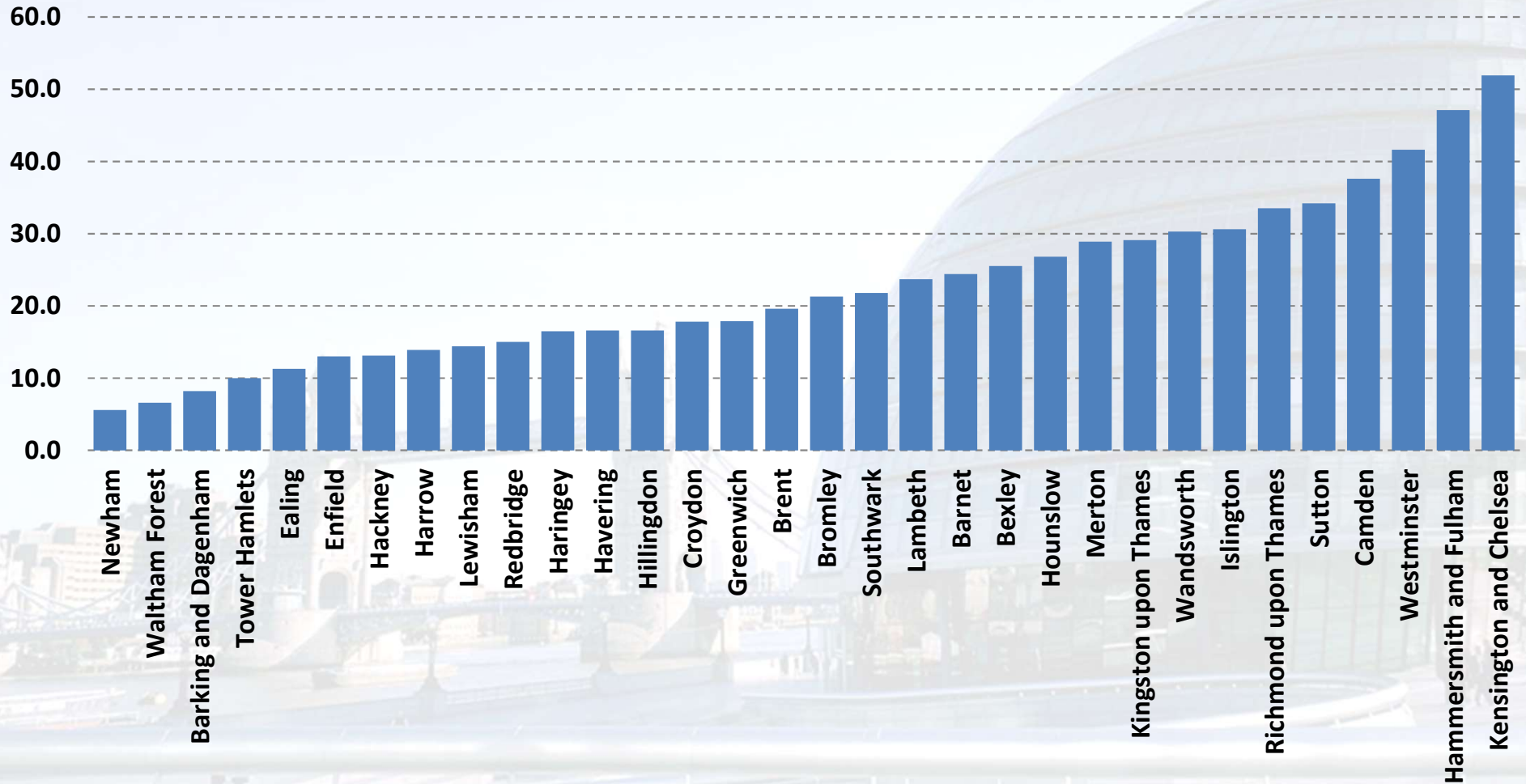
Cross border mobility within London – State Funded Secondary Schools

Net difference between imports and exports from each local authority

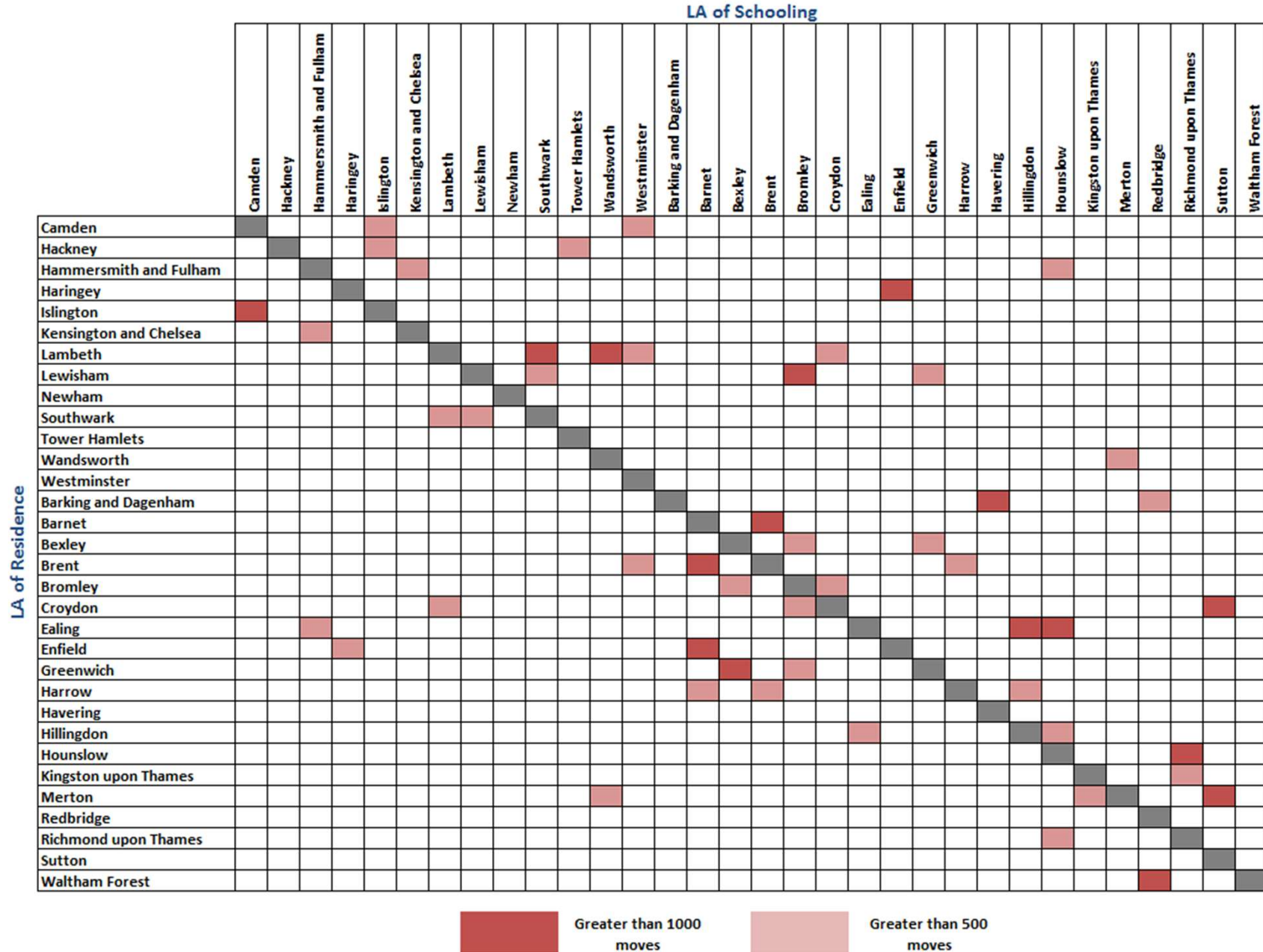


Cross border mobility within London – State Funded Secondary Schools

% of pupils residing in other LAs attending schools maintained by the LA



Cross-border moves between LAs



Background

The Mayor's 2012 Education Inquiry explored the challenges facing London's schools

Recommendation 10: The Mayor and GLA Should work with boroughs and the Department for Education (DfE) to develop pan-London collection and analysis of data necessary for planning the provision of school places.

Mayoral Response: The GLA currently runs a school roll projection service for boroughs. I will explore how we can expand this to cover all boroughs, and how we can work more effectively to develop a more strategic picture of school places in the capital. I will work closely with the boroughs and DfE on identifying areas of need.

The London Schools Atlas

- The London Schools Atlas forms part of the GLA's response
- Launched November 2013
- Interactive map showing:
 - Where schools draw their pupils from
 - Where residents of an area attend school
 - School attainment data
 - Contextual information

The London Schools Atlas

Helps inform decisions by:

- Providers of school places
 - Local authorities
 - Academy groups
 - Free school groups
- Parents

Sources of data

School/residence relationships

- record-level data from National Pupil Database

School information

- Edubase

Contextual information

- GLA ward-level demographic projections

Implementation

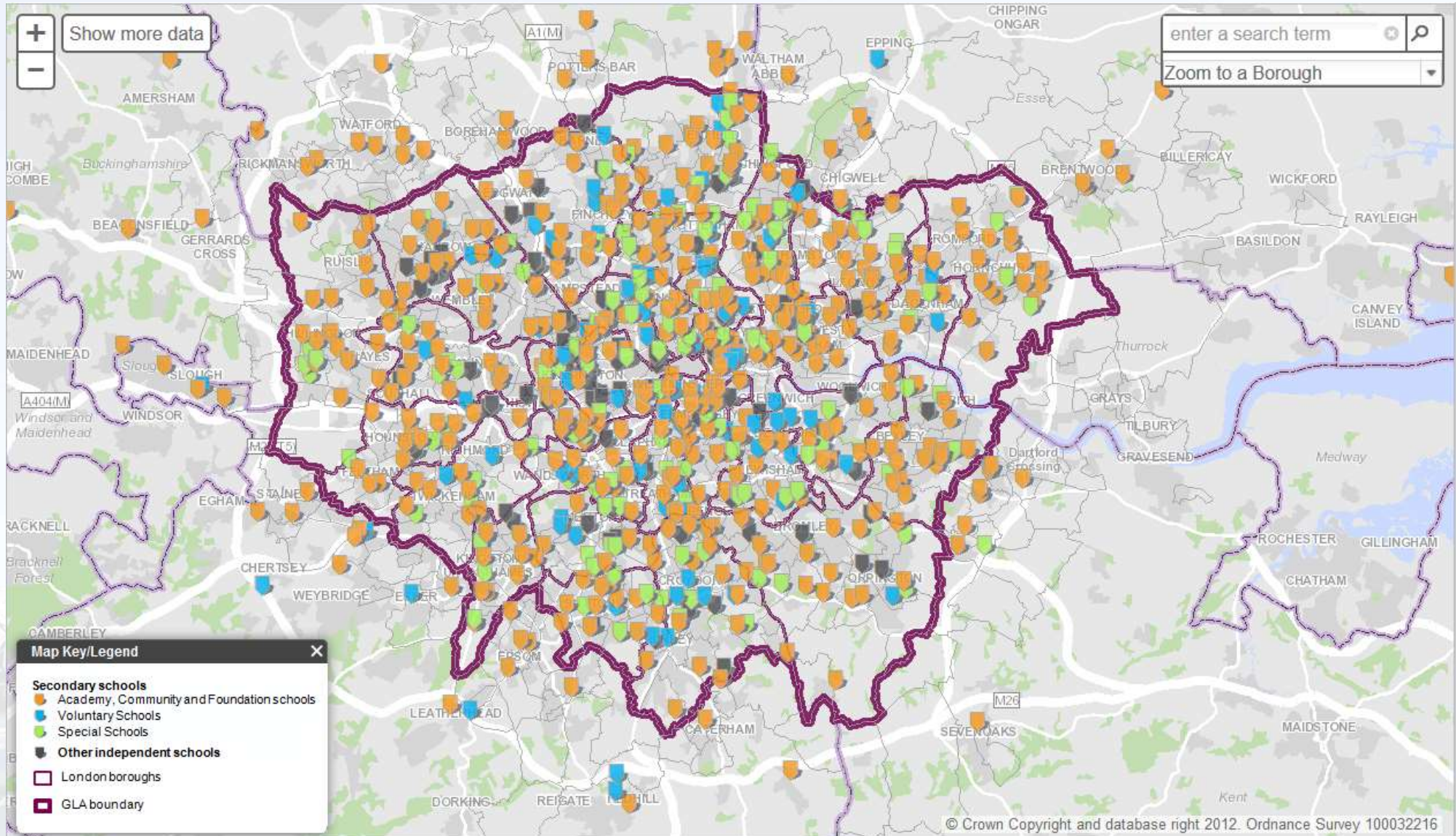
- Pre-processing, combination of Excel, Access, FME, SQL script
- Visualised in ArcMap
- Map service from Arc Server
- Customised using ArcGIS API for JavaScript and Dojo framework
- Currently on GLA servers but looking to move to AWS
- Full set of supporting materials
 - Data published on London DataStore
 - Technical Note
 - ‘How to guide’ on YouTube

- Current Atlas
 - Demonstration (fingers crossed)



SCHOOLS ATLAS 2013

1) Find a school



SCHOOLS ATLAS 2013

1) Find a school

The screenshot displays the Schools Atlas 2013 interface. The main map shows various London boroughs with school locations marked by colored icons. A search bar at the top right contains the postcode "NW6 5QN" and a "Zoom to a Borough" dropdown menu. A "Show more data" button is located in the top left. A "Map Key/Legend" panel in the bottom left explains the map's symbols: a blue square for a selected school, a red square for schools with more than 5% of the selected school, and an orange square for schools with less than 5% of the selected school. It also lists school types: Academy, Community and Foundation schools (orange), Voluntary Schools (blue), Special Schools (green), and Other independent schools (black). London boroughs are shown in purple, and the GLA boundary is in dark purple. A detailed information panel for "Queens Park Community School" is open on the right, showing its URN (101560), address (Aylestone Avenue, London NW6 7BQ), and other details. A note indicates the school has been superseded by URN 138609. The panel also includes buttons for "Pupil Intake" and "Attainment", and a "Get Link | email this location" link at the bottom.

Secondary School
Record 1 of 3

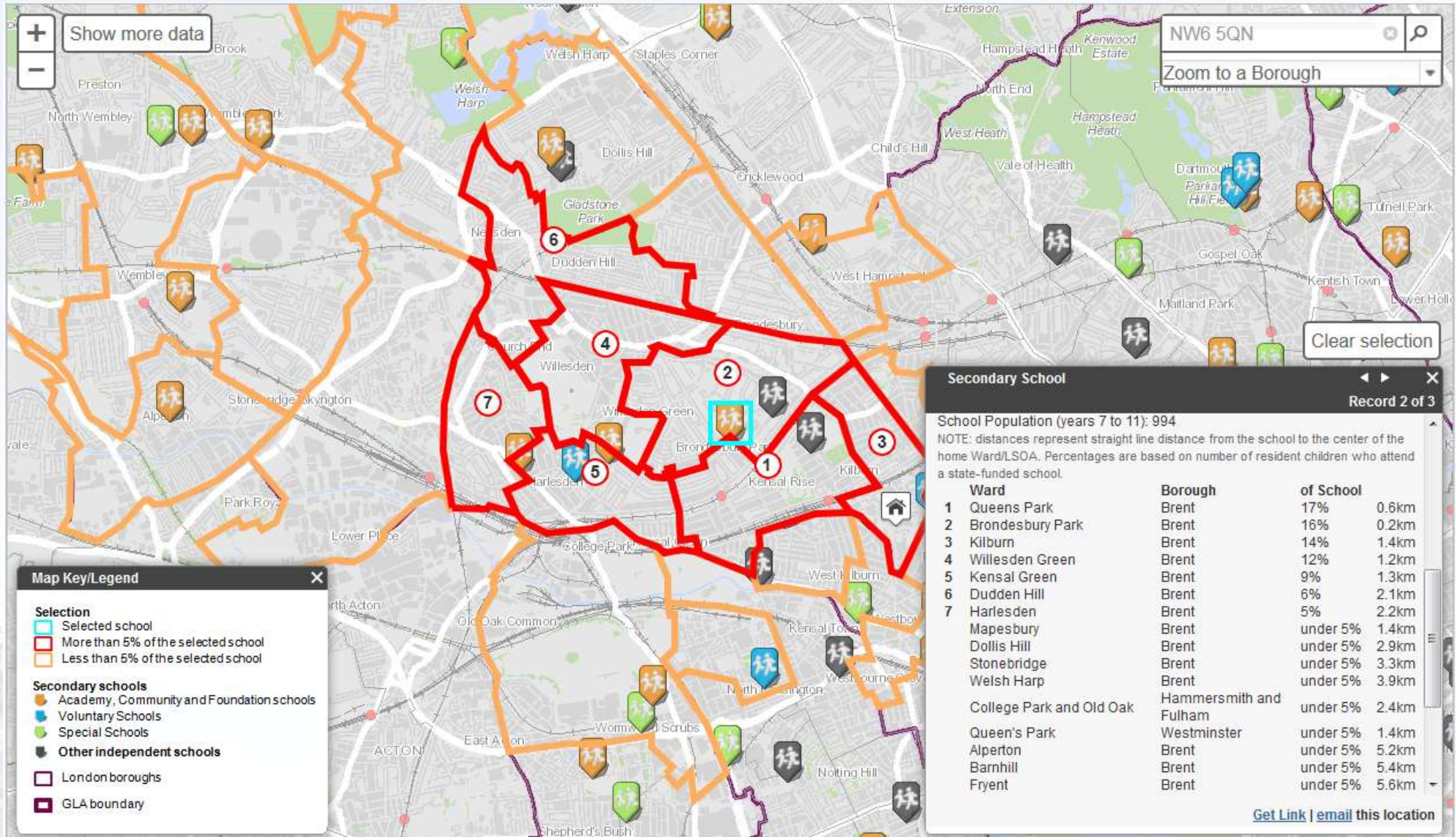
Pupil Intake **Attainment**

Queens Park Community School
URN: 101560 ([Edubase](#)) ([Ofsted](#)) ([Performance Tables](#))
Please note: This school has been superseded by: 138609 ([Edubase](#)) ([Ofsted](#)) ([Performance Tables](#)), if we hold details of the superseding school you can view the details by selecting the previous/next buttons ◀ ▶ (above).
Borough: Brent
Ward: Brondesbury Park
Address: Aylestone Avenue
Town: London
Postcode: NW6 7BQ
Type: Foundation School
Phase: Secondary
Age: 11 - 19
Gender: Mixed
Weblink: <http://www.qpcs.brent.sch.uk>
Status: Closed
School Population (years 7 to 11): 0

[Get Link](#) | [email this location](#)

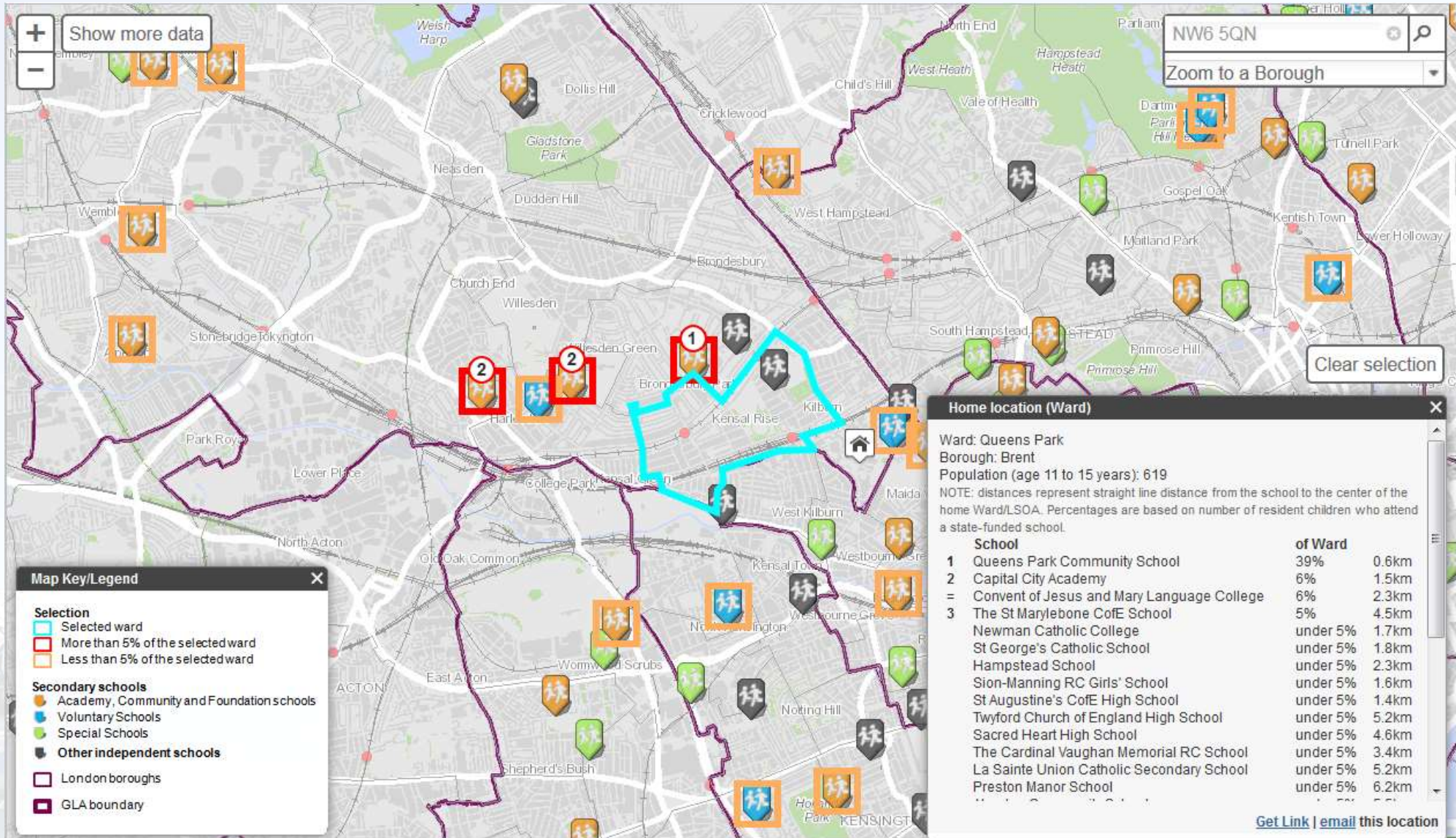
SCHOOLS ATLAS 2013

2) School catchment



SCHOOLS ATLAS 2013

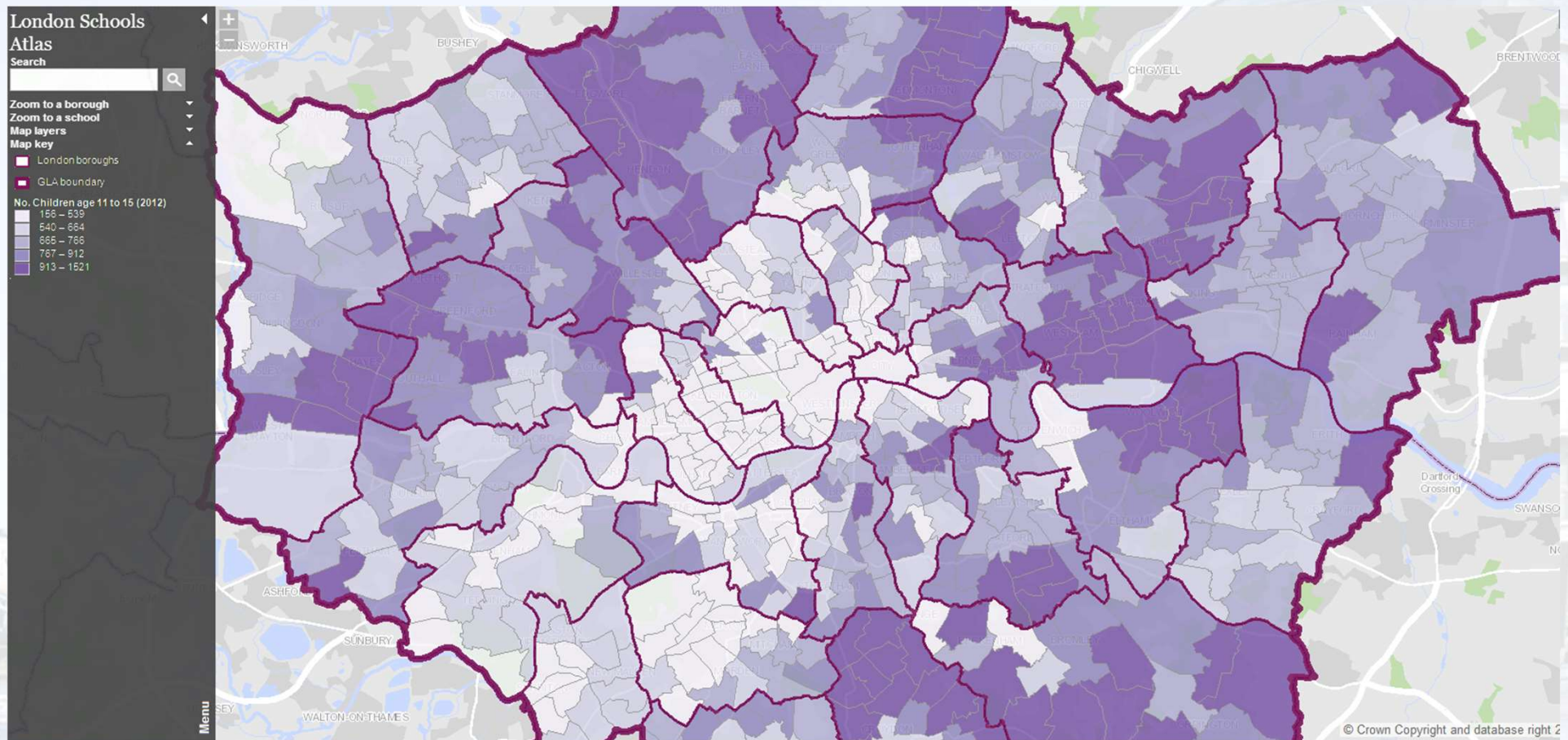
2) Schools serving an area



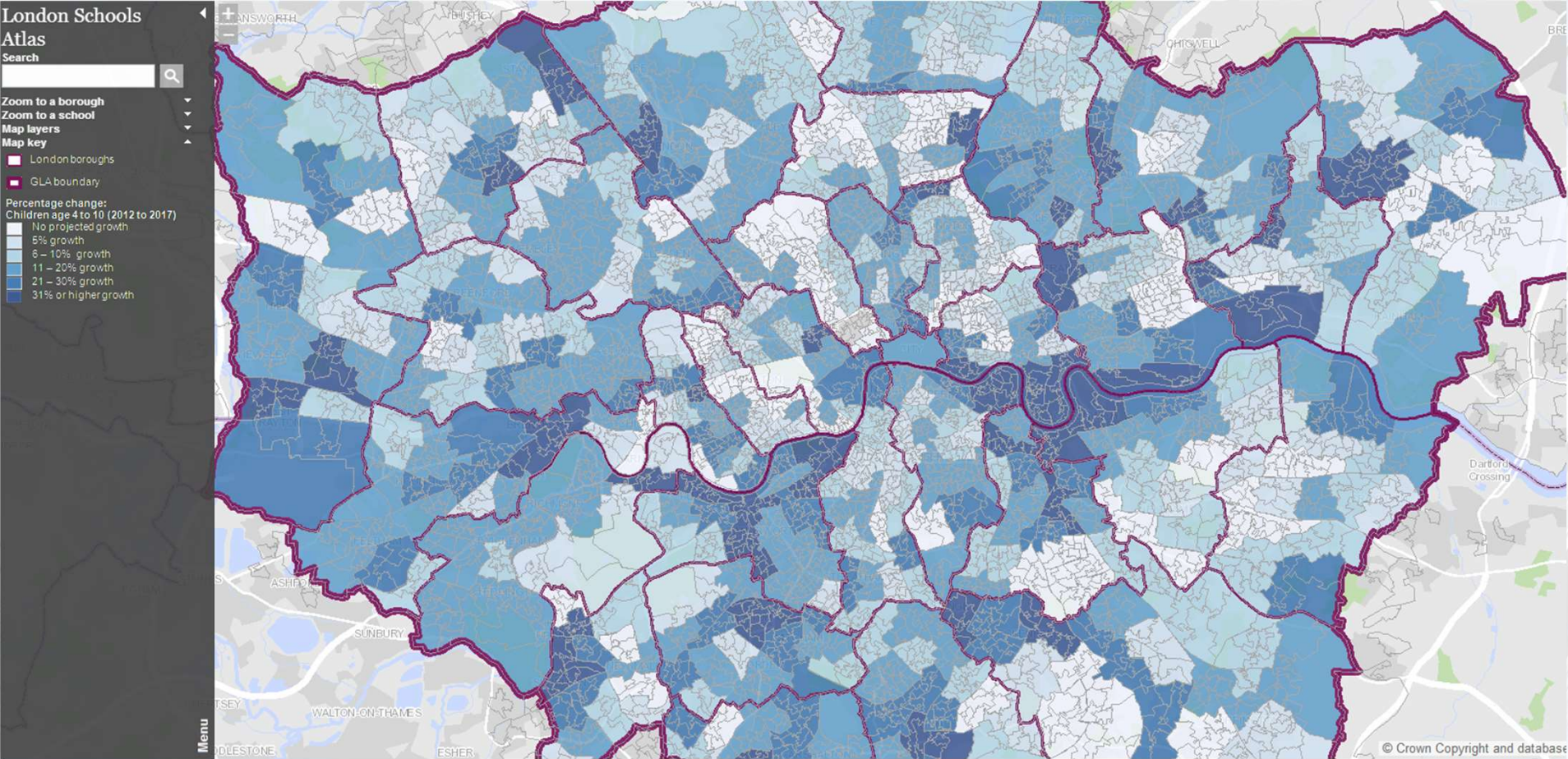
Schools Atlas

- Current thematic layers
 - Number of children in key age groups
 - Projected change in population
 - Proportion children attending state-funded schools

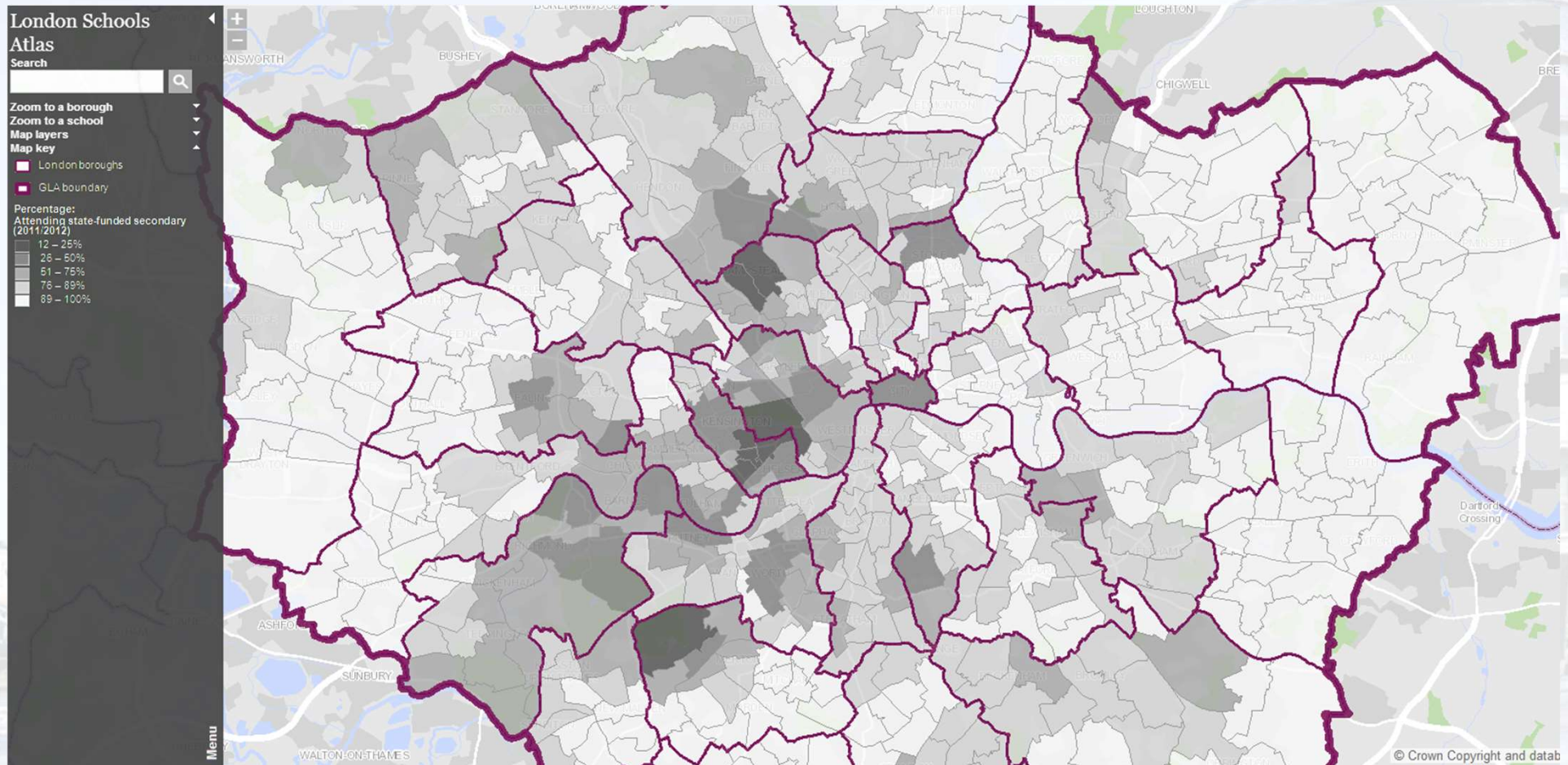
Number of children by ward/LSOA of residence



Projected population change



Proportion population attending state funded schools



Press coverage

theguardian

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London's school-age population expected to jump 100,000 by 2017

Some parts of London will see rise of more than 50% in number of children aged 4-10, say officials

Richard Adams, education editor

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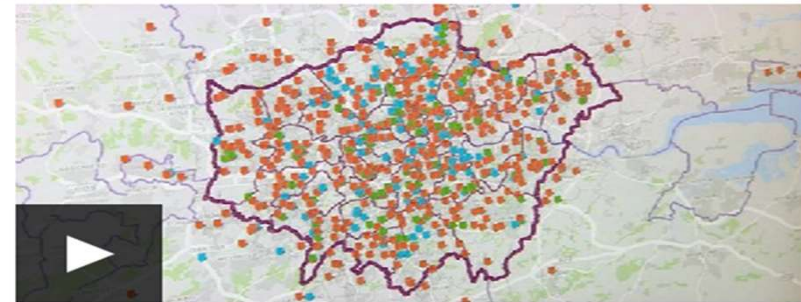
theguardian.com, Thursday 7 November 2013 10.00 GMT

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London School Atlas aims to help parents decide

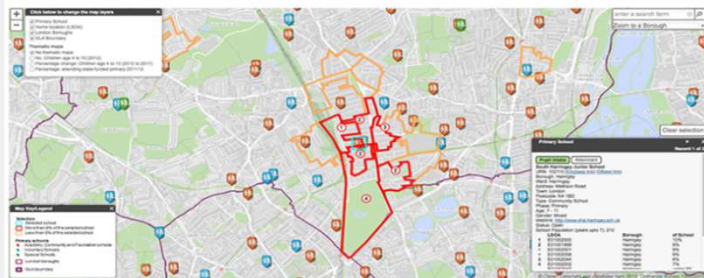
Harringayonline
COMMUNITY Connecting the Residents of Harringay

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All Discussions My Discussions + Add

New London Schools Atlas Seeks to Raise Transparency in Capital's Education

Posted by Hugh on November 7, 2013 at 10:41 in Council Services, Policy & Local Democracy
View Discussions



London Evening Standard

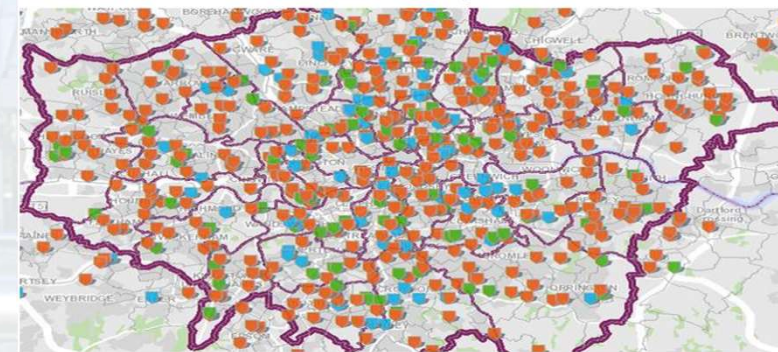
— a flexible business space

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VOTING BEGINS IN CRIMEA REFERENDUM

Online catchment area map reveals your child's chance of a school place



Upcoming development

Updated Atlas to be released this autumn:

- Provide two versions:
 - Public version
 - Professional version

Public version

- Aimed at parents
- Improved interface
- Simplified search process
- No thematic layers

Professional version

- Allow user to select multiple schools
 - Present as a table & ‘Export to Excel’ tool
- Measure tool
- Travel Iso-lines
- Application and preference data
- Show ‘feeder’ schools
- More contextual information
 - Deprivation indicators
 - London Output Area Classification (LOAC)

- Demonstrate new Atlas



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London Schools Atlas

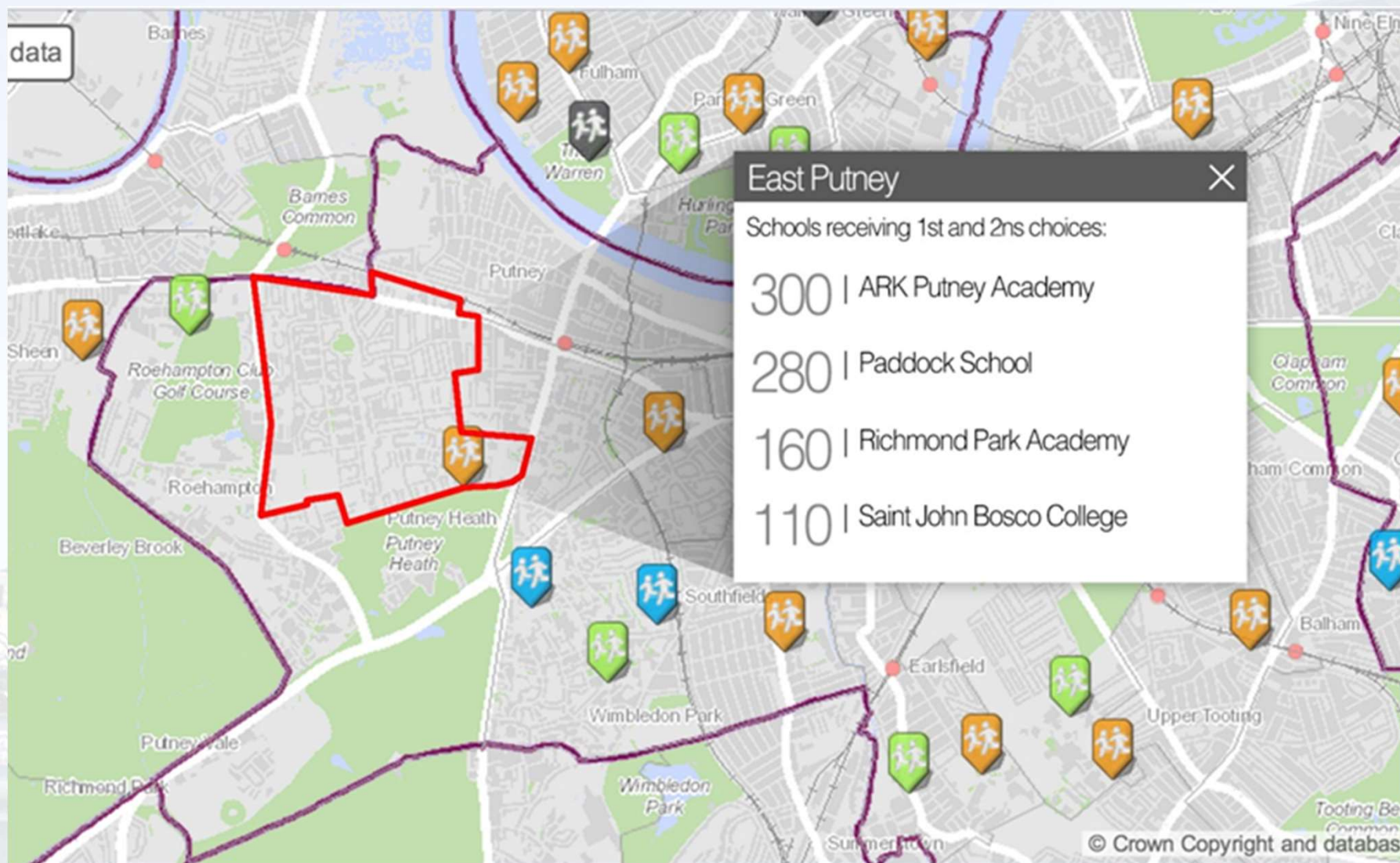
<http://www.london.gov.uk/webmaps/lisa/>

londonschoolsatlas@london.gov.uk

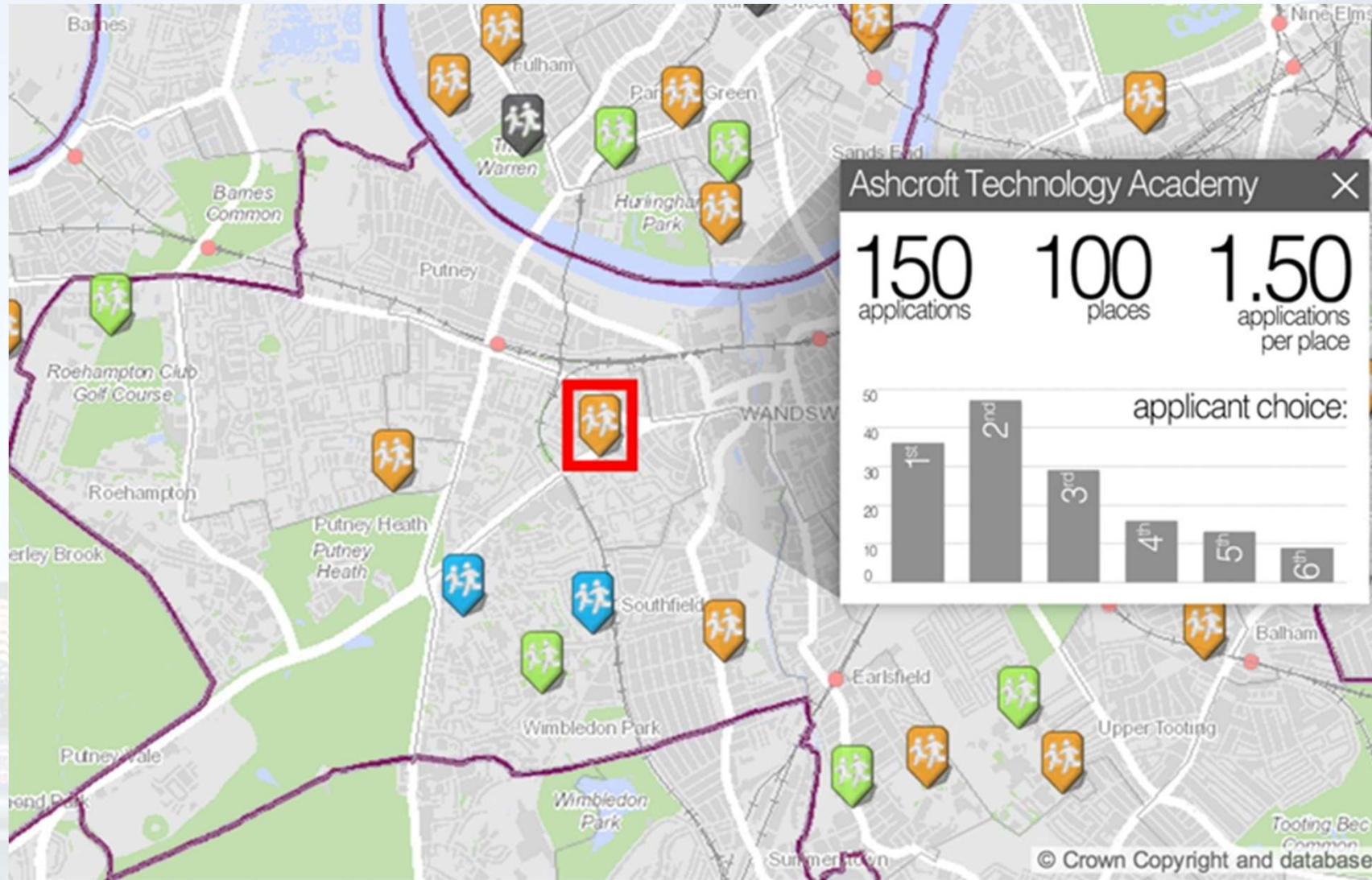
2014 Schools Atlas



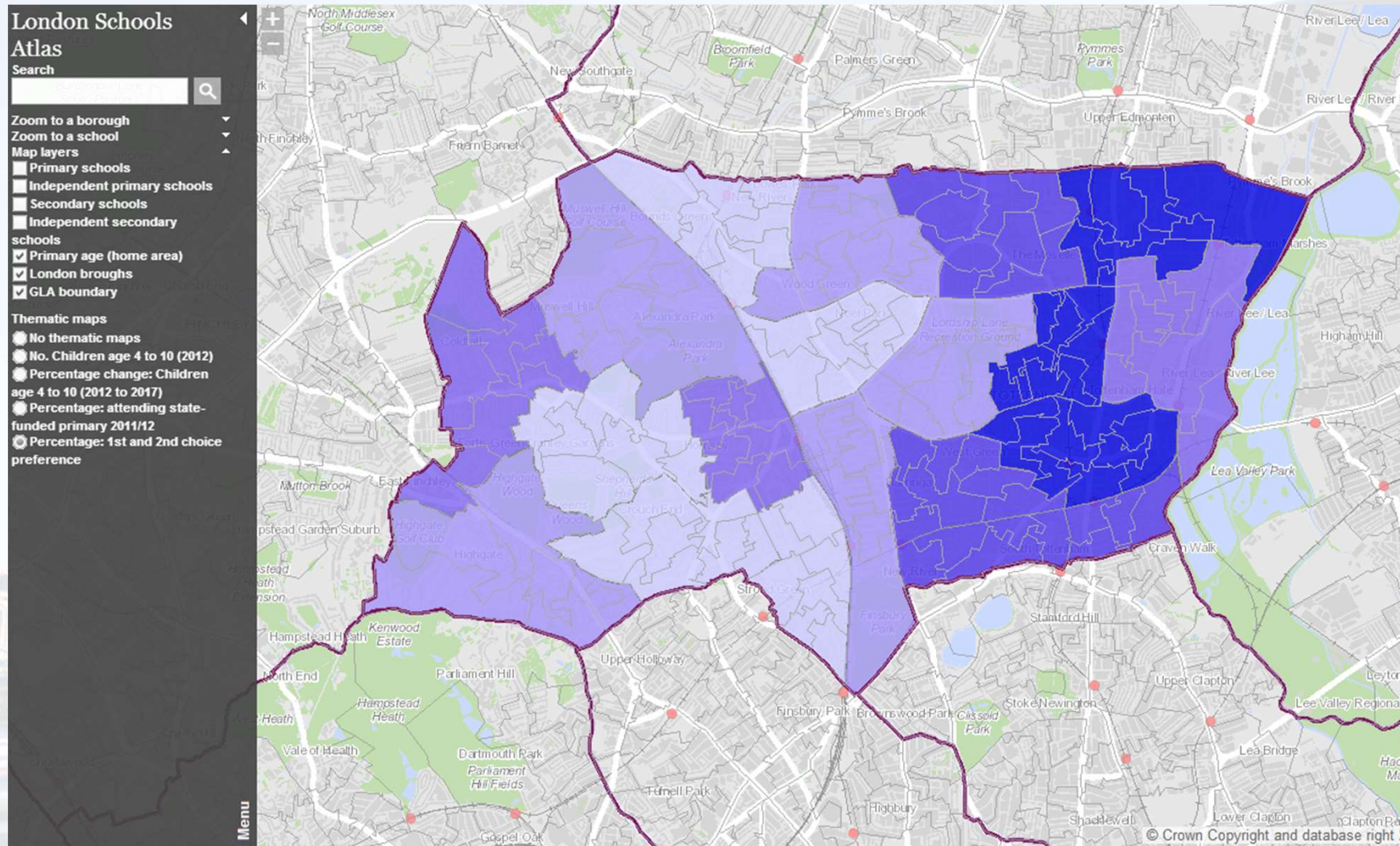
Applications by area of residence



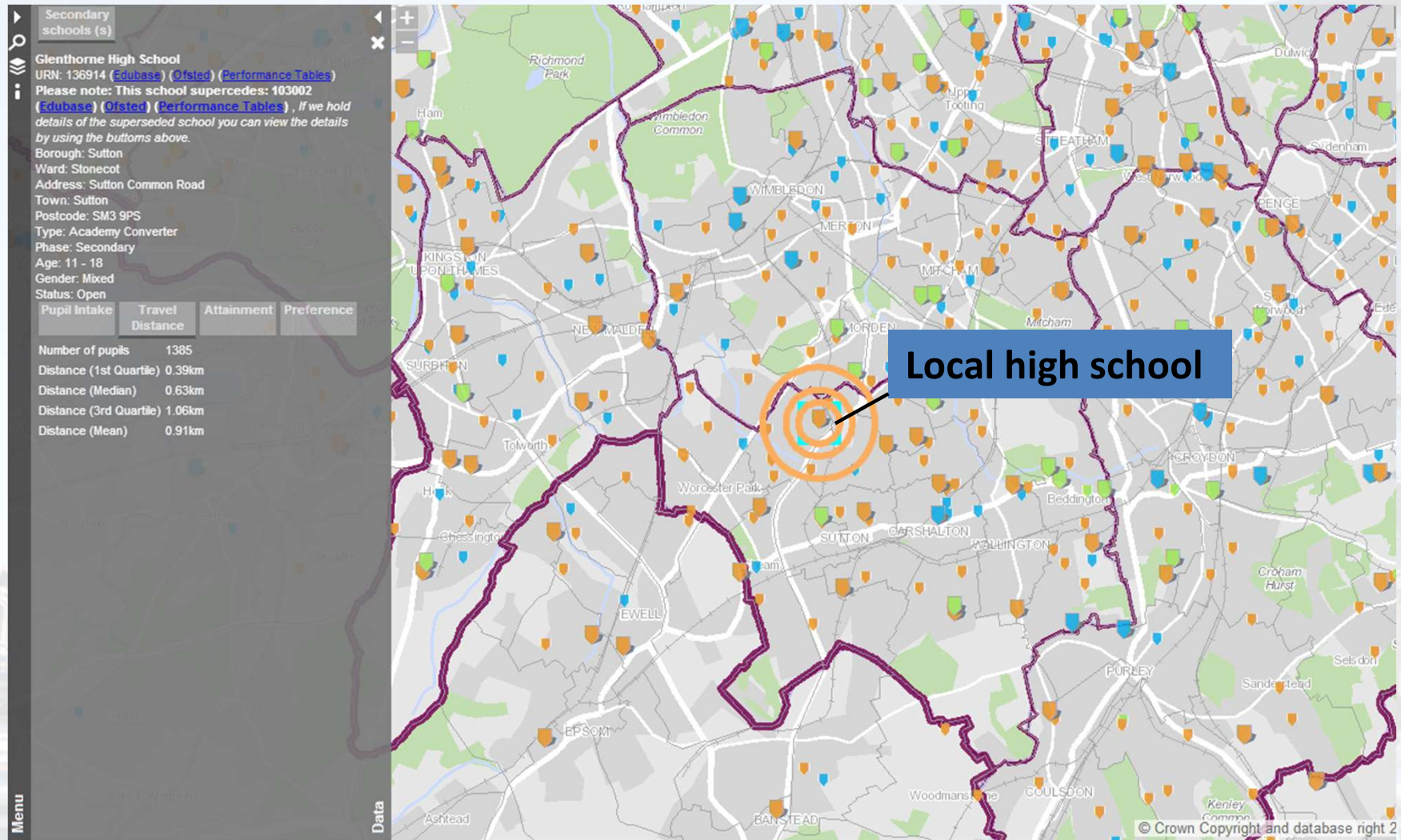
Applications by school



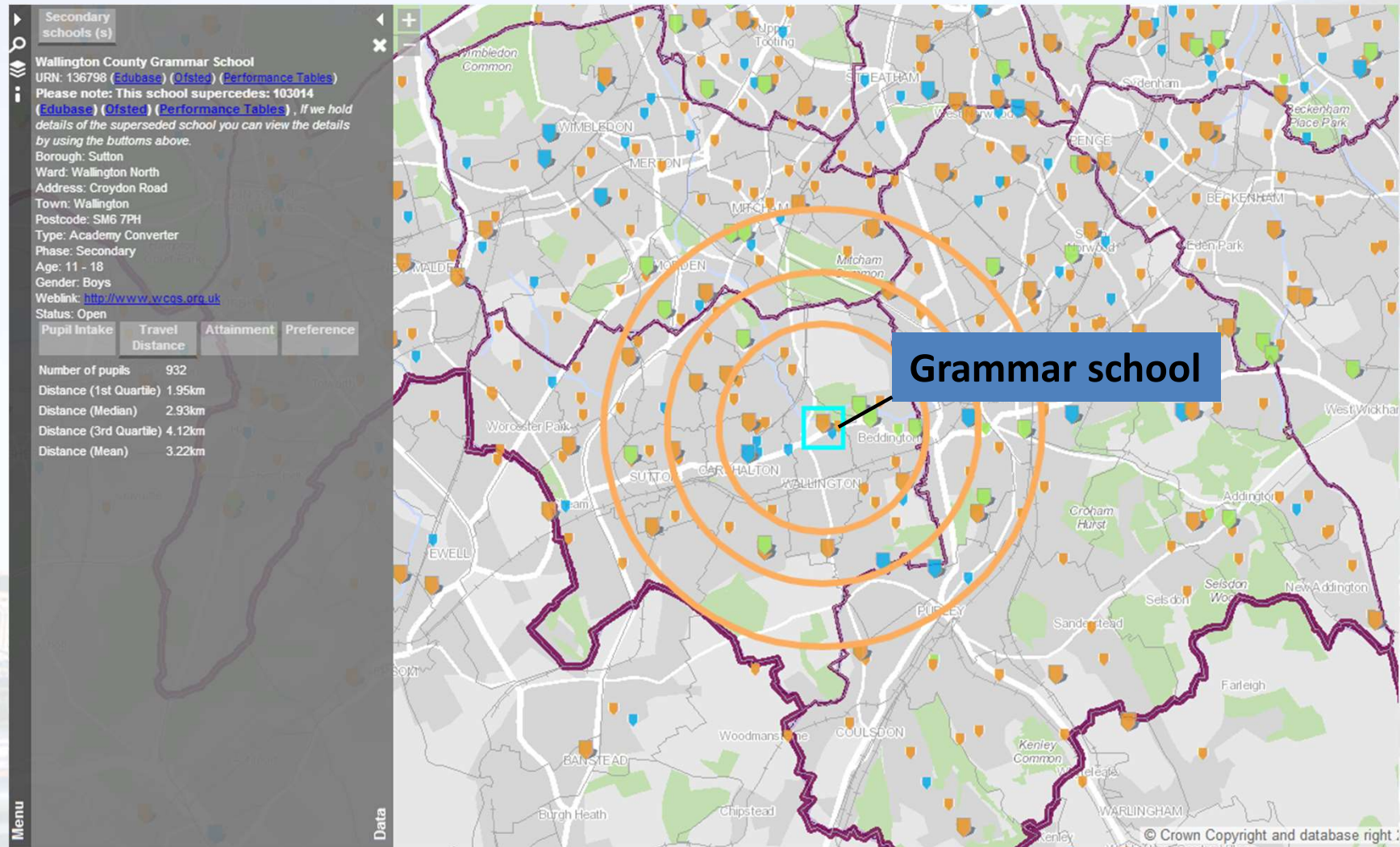
Proportion receiving offer for 1st or 2nd preference



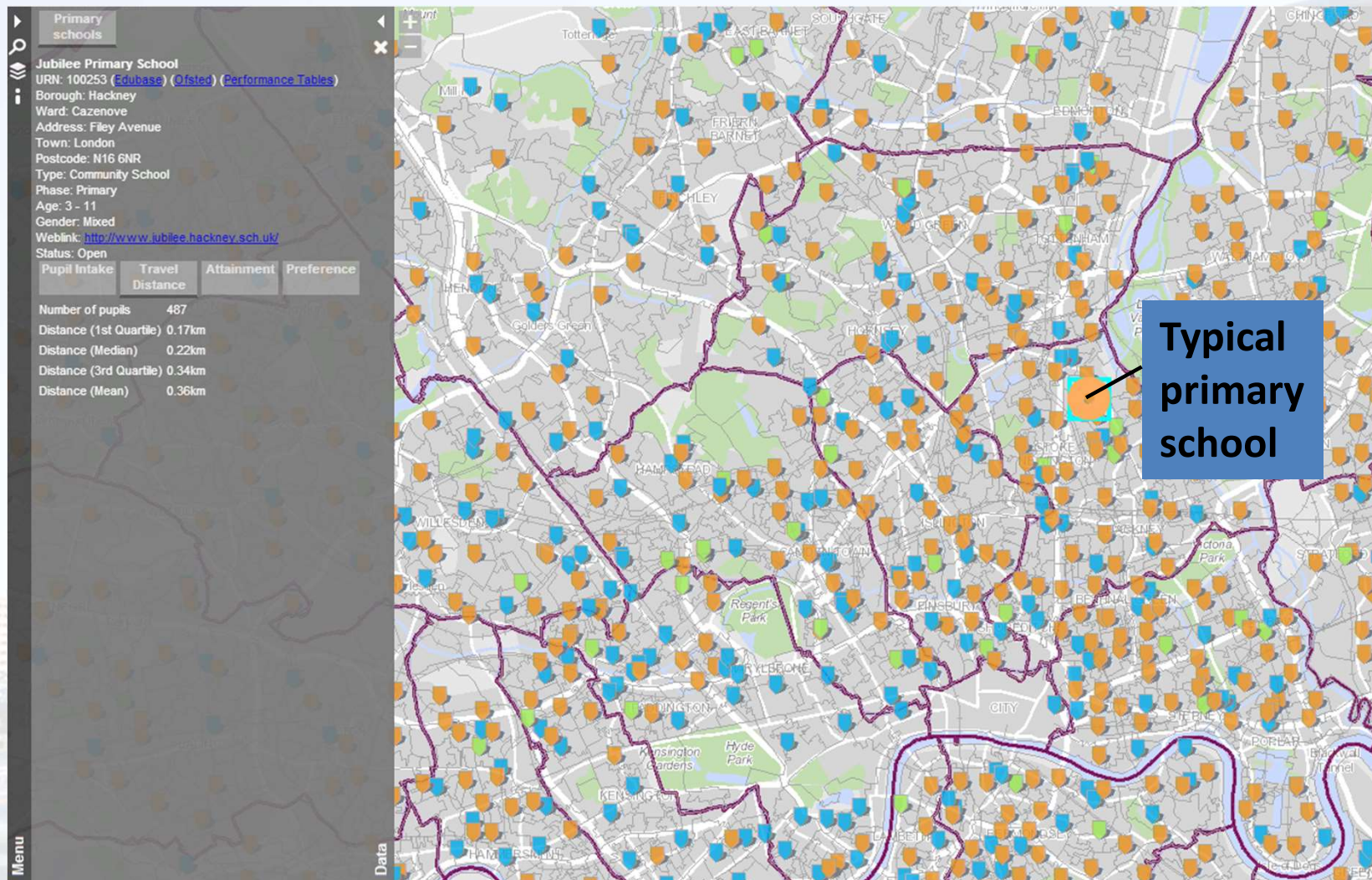
Distance travelled - quartiles



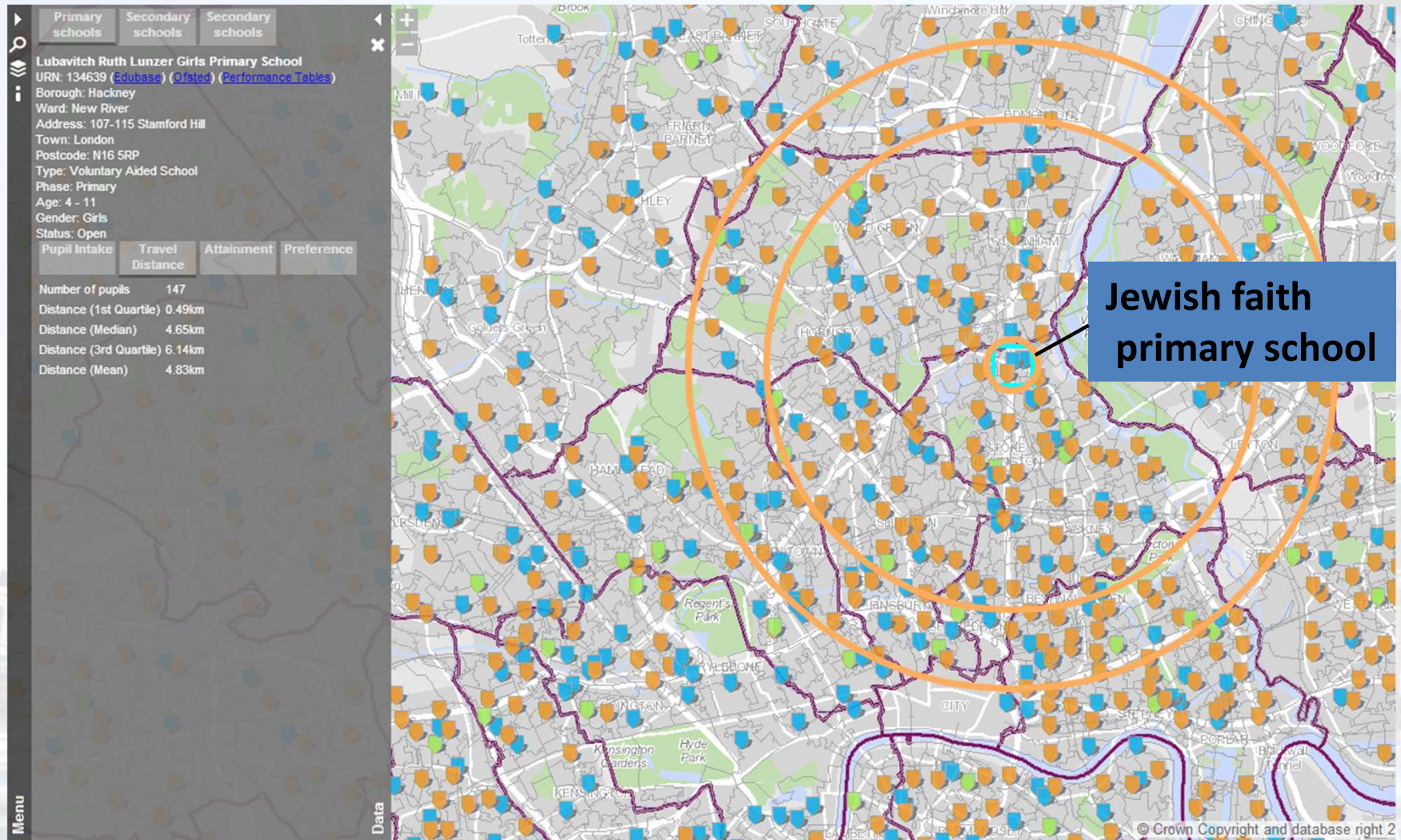
Distance travelled - quartiles



Distance travelled - quartiles



Distance travelled - quartiles



[Primary schools](#)
[Secondary schools](#)
[Secondary schools](#)

Lubavitch Ruth Lunzer Girls Primary School
 URN: 134639 ([Edubase](#)) ([Ofsted](#)) ([Performance Tables](#))
 Borough: Hackney
 Ward: New River
 Address: 107-115 Stamford Hill
 Town: London
 Postcode: N16 5RP
 Type: Voluntary Aided School
 Phase: Primary
 Age: 4 - 11
 Gender: Girls
 Status: Open

Pupil Intake	Travel Distance	Attainment	Preference
LSOA	Borough	of School	Distance
1	E01001826 Hackney	6%	0.4km
2	E01000225 Barnet	5%	9.2km
=	E01000236 Barnet	5%	9.7km
=	E01002052 Haringey	5%	1km
	E01000219 Barnet	Under 5%	9.6km
	E01000217 Barnet	Under 5%	9km
	E01001728 Hackney	Under 5%	1km
	E01001809 Hackney	Under 5%	0.1km
	E01002050 Haringey	Under 5%	0.8km
	E01002055 Haringey	Under 5%	0.5km
	E01000215 Barnet	Under 5%	9.4km
	E01000220 Barnet	Under 5%	9.3km
	E01000242 Barnet	Under 5%	10.1km
	E01001723 Hackney	Under 5%	0.9km
	E01001725 Hackney	Under 5%	0.5km
	E01001808 Hackney	Under 5%	0km
	E01003402 Merton	Under 5%	19.3km
	E01023919 Welwyn Hatfield	Under 5%	27.6km

Menu

