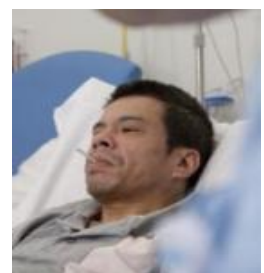
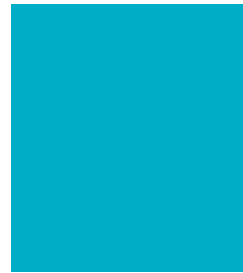


# Outcomes benchmarking support packs: LA level



**Nottingham**

**Local Authority**



Produced with input from:



**Public  
Health  
England**



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## Forward and Introduction

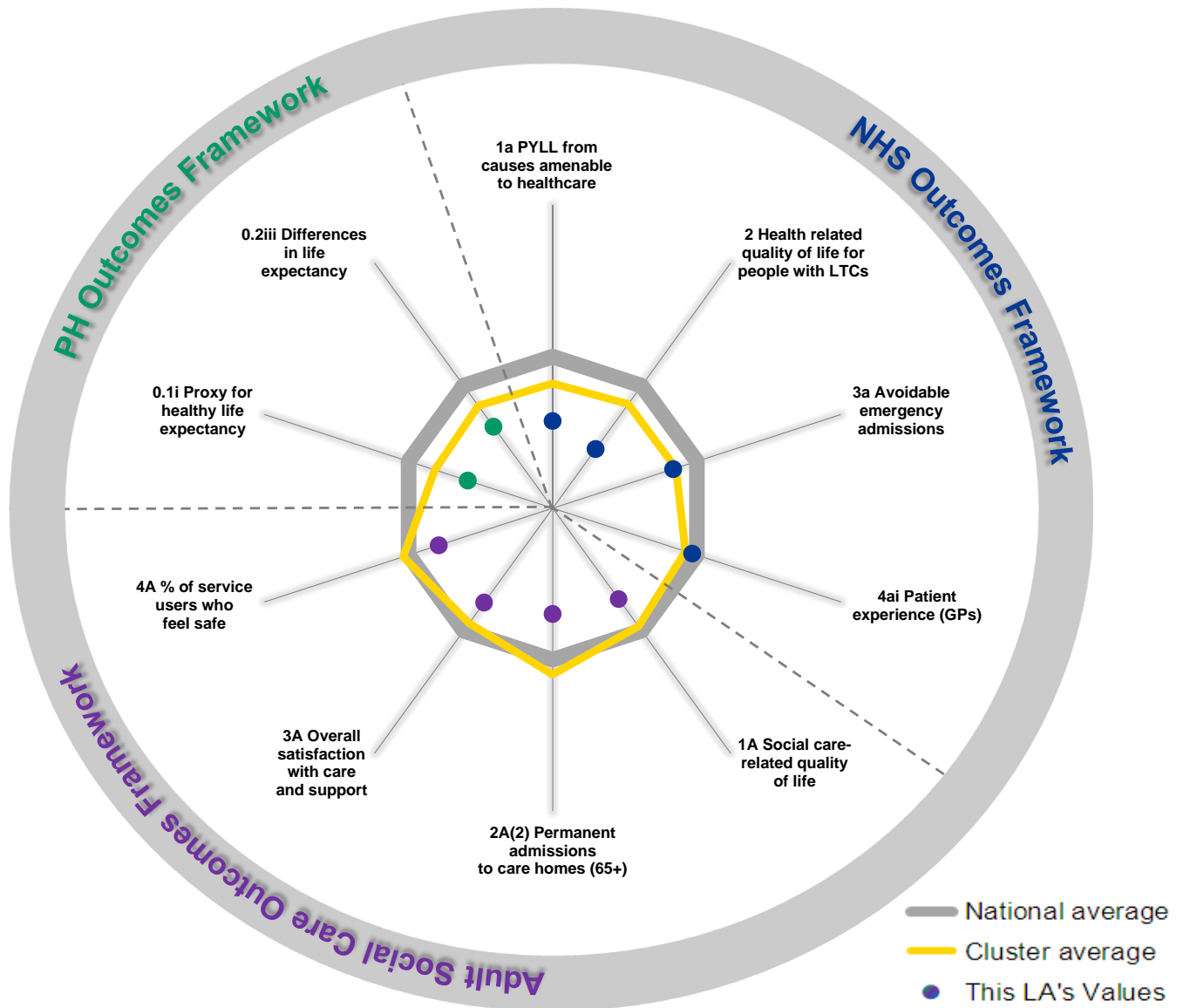
Local decision making is at the heart of the NHS, and the NHS Commissioning Board, Public Health England and the Local Government Association are committed to providing high quality comparable intelligence to support clinical commissioning groups (CCGs) and health and wellbeing boards (HWBs) identify local priorities and agree local plans.

Alongside the publication of the NHS Commissioning Board's 2013-14 Planning Guidance, we have produced initial information packs at Local Authority and CCG level that set out key data to inform the local position on outcomes. The Local Authority level packs present high level comparative information on the NHS, the Adult Social Care and the Public Health Frameworks. The CCG level packs provide a more detailed analysis of NHS outcomes and other relevant indicators.

The purpose of these is to provide CCGs and HWB partners with a quick and easy-to-use summary of their current position on outcomes as they take up their role, building on the data sets in the CCG outcomes indicators and other existing data sets. The information should be used alongside the local intelligence that is being collected to inform local Joint Strategic Needs Assessments and it will support commissioners working together to set the priorities for the Joint Health and Wellbeing Strategy. Where possible we have signposted other relevant information sources that might help build an understanding of the specific issues locally.

These information packs represent a starting point for the way the NHS CB will provide support in this area going forward and we hope you find them useful. We would like to offer you an open invitation to work co-productively with us on an on-going basis to help shape these tools in a way that would be most helpful for you locally. If you have any comments or suggestions for improvement please email [nhs.cb.outcomes-benchmarking@nhs.net](mailto:nhs.cb.outcomes-benchmarking@nhs.net).

## Nottingham summary spider diagram (shows one indicator per domain)



### This LA is in the Cities & Services ONS cluster

Each 'leg' of the chart represents a high-level indicator from the three Outcomes Frameworks.

**Each 'leg' is orientated such that points further from the origin represent "better" performance.**

Where there is more than one indicator for an Outcome Framework domain, a single indicator is shown in this chart.

The coloured spots show this LA's rank within all LAs in England. The grey circle represents the England median and the yellow shape represents the ONS cluster median.

The equal spacing of the indicators in the diagram is not meant to suggest any implied weighting or relative importance of the different indicators or Outcomes Frameworks.

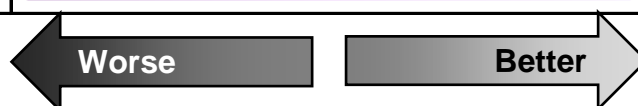
## Nottingham spine chart (shows all overarching indicators)

The chart below shows the distribution of the LAs on each indicator in terms of ranks. This LA is shown as a red diamond. The yellow box shows the interquartile range and median of LAs in the same ONS cluster as this LA. Each indicator has been orientated so that better outcomes are towards the right (light blue).

This chart supports the spider chart by providing a single page summary of all the available overarching indicators.

This LA is in the Cities & Services cluster

Outcome Indicator	LA and cluster distribution (LAs ranked; right = better outcomes)
1a Potential years of life lost (PYLL) from causes considered amenable to healthcare	
1bi Life expectancy at age 75 (Males)	
1bii Life expectancy at age 75 (Females)	
2 Health-related quality of life for people with long term conditions	
3a Emergency admissions for acute conditions that should not usually require hospital admission	
3b Emergency readmissions within 30 days of discharge from hospital	
4ai Patient experience of GP services	
4aii Patient experience of GP out-of-hours services	
4aiii Patient experience of dental services	
0.1i Proxy for healthy life expectancy a birth using Disability Free Life Expectancy (DFLE) at age 16	
0.2ii Life expectancy at birth	
0.2iii Slope Index of Inequality in life expectancy at birth [proxy dataset]	
1A Social care-related quality of life	
2A(1) Permanent admissions to residential and nursing care homes (age 18-64)	
2A(2) Permanent admissions to residential and nursing care homes (age 64+)	
3A Overall satisfaction of people who use services with their care and support	
4A Proportion of people who use services who feel safe	



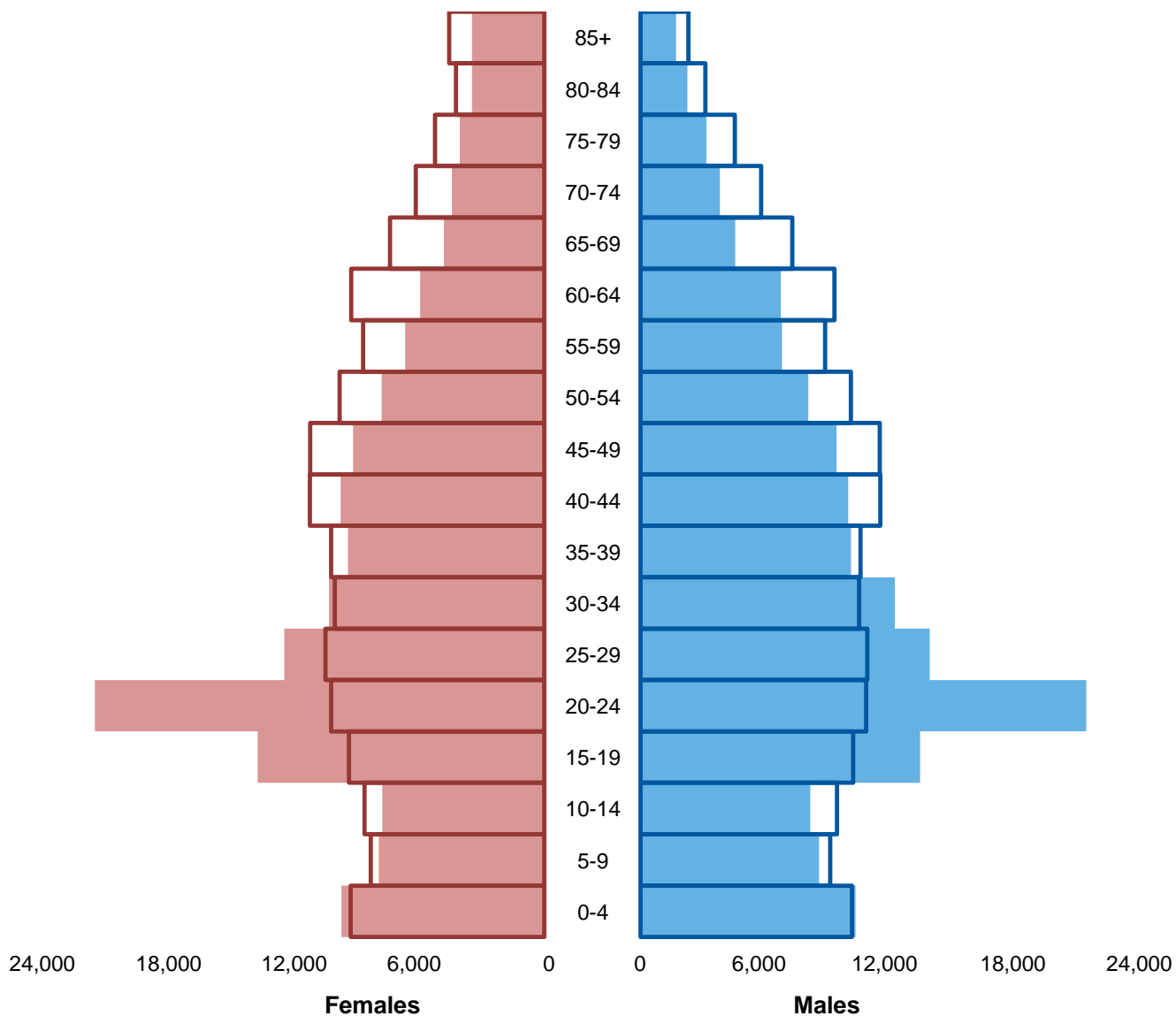
# **SECTION 1**

## **Background Information**

## Population profile (2011 census)

The chart below shows the number of people in this Local Authority by sex and 5-year age band.

The darker outlines show the profile of the England population.



The table below shows summary population numbers for this Local Authority and also how it is expected to grow by 2015 and 2020.

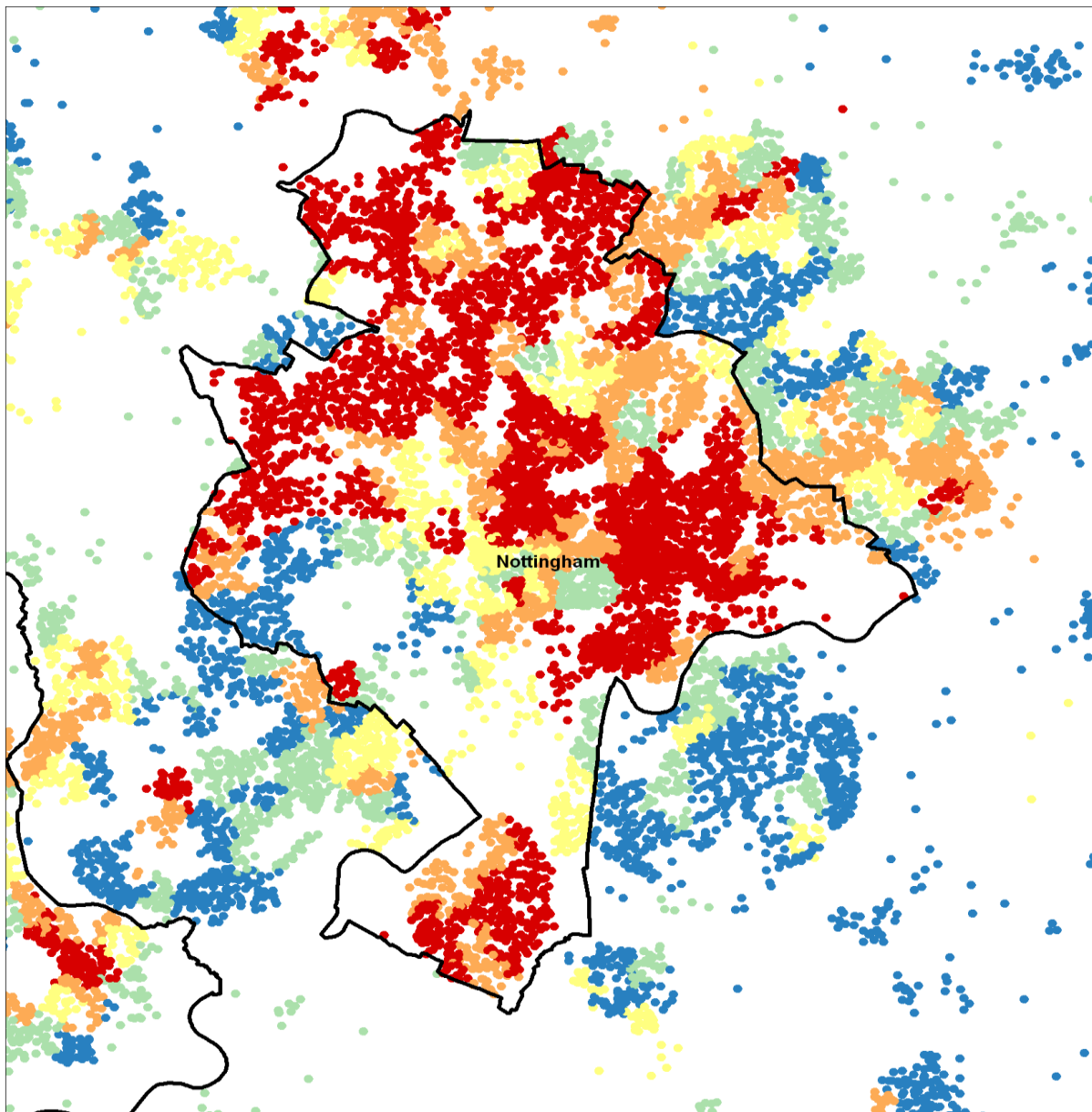
The growth rates are shown as annualised percentages and the projected England growth rate is shown for comparison.

Age	2011 population	2015 population	2011-15 p.a. growth		2020 population	2015-20 p.a. growth	
	This LA	This LA	This LA	England	This LA	This LA	England
Under 15	52,414	53,196	0.4%	1.2%	56,024	1.0%	1.4%
15-44	155,325	163,032	1.2%	0.2%	165,696	0.3%	0.2%
45-64	60,545	62,829	0.9%	0.6%	64,739	0.6%	0.7%
65-75	17,559	19,098	2.1%	3.4%	20,411	1.3%	1.0%
75-84	12,827	12,430	-0.8%	1.6%	12,457	0.0%	2.3%
85+	5,229	5,313	0.4%	3.1%	5,615	1.1%	3.4%
<b>All ages</b>	<b>303,899</b>	<b>315,897</b>	<b>1.0%</b>	<b>0.9%</b>	<b>324,943</b>	<b>0.6%</b>	<b>0.8%</b>

## Deprivation map

The map below shows the levels of deprivation in and around this LA, based on the Index of Multiple Deprivation 2010 (IMD2010).

The IMD2010 is calculated at Lower Super Output Area (LSOA) level. However, in this map we have given each postcode within the same LSOA the same colour, rather than shade the entire LSOA area. This presentation emphasizes where people live rather than open countryside.



### IMD score by quintile

- Quintile 5 (lowest)
- Quintile 4
- Quintile 3
- Quintile 2
- Quintile 1 (highest)

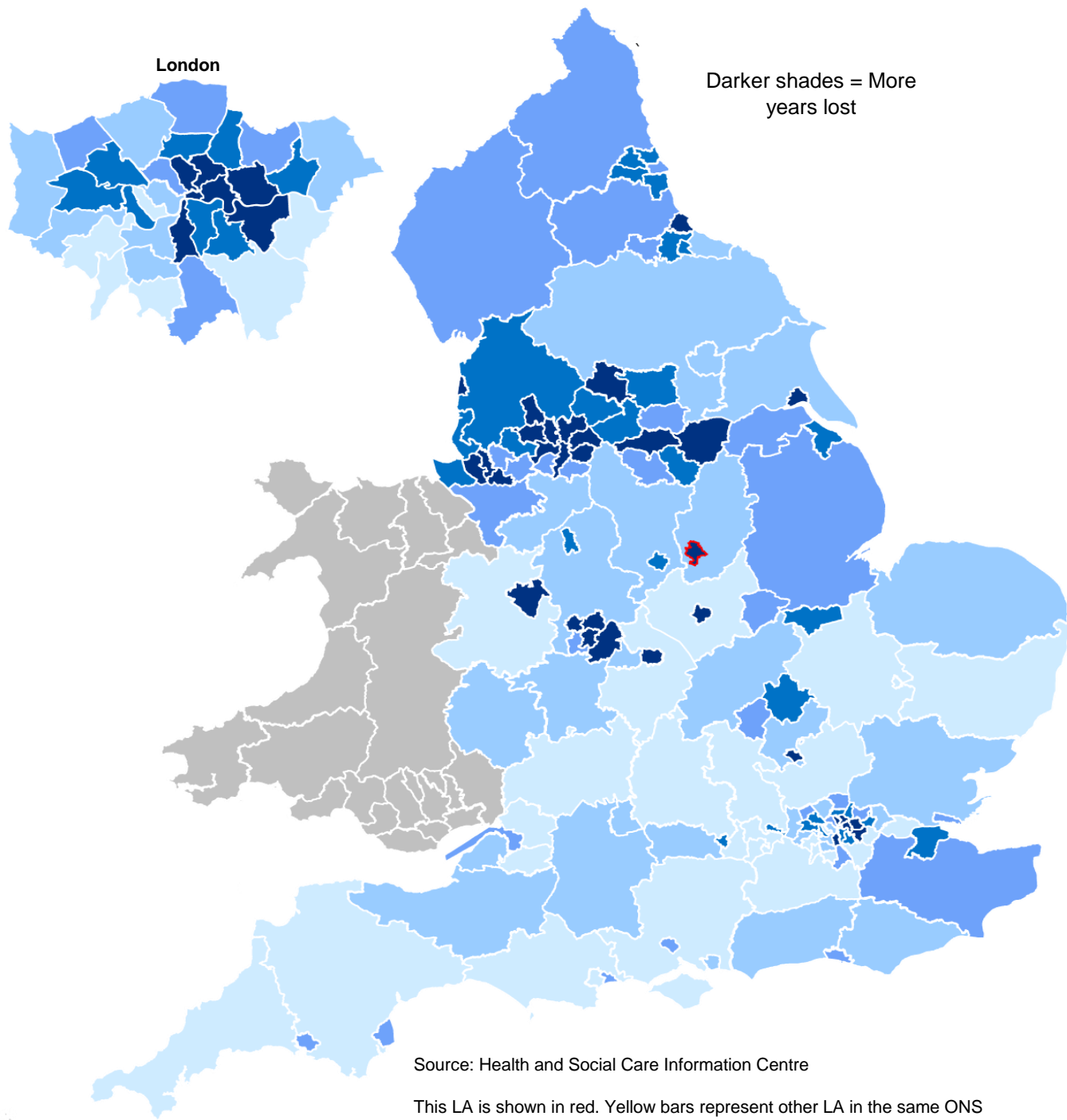


## **SECTION 2**

### **NHS Outcomes Framework Indicators**

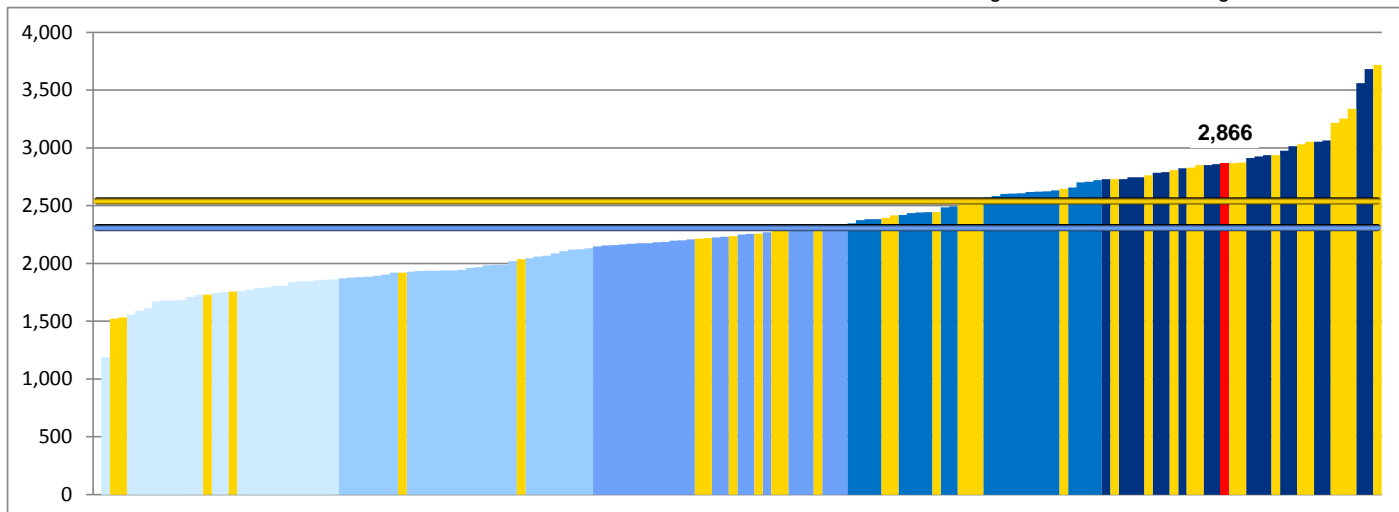
# NHS OF 1a Potential Years of Life Lost (PYLL) from causes considered amenable to healthcare

Age/sex standardised rate per 100,000 population



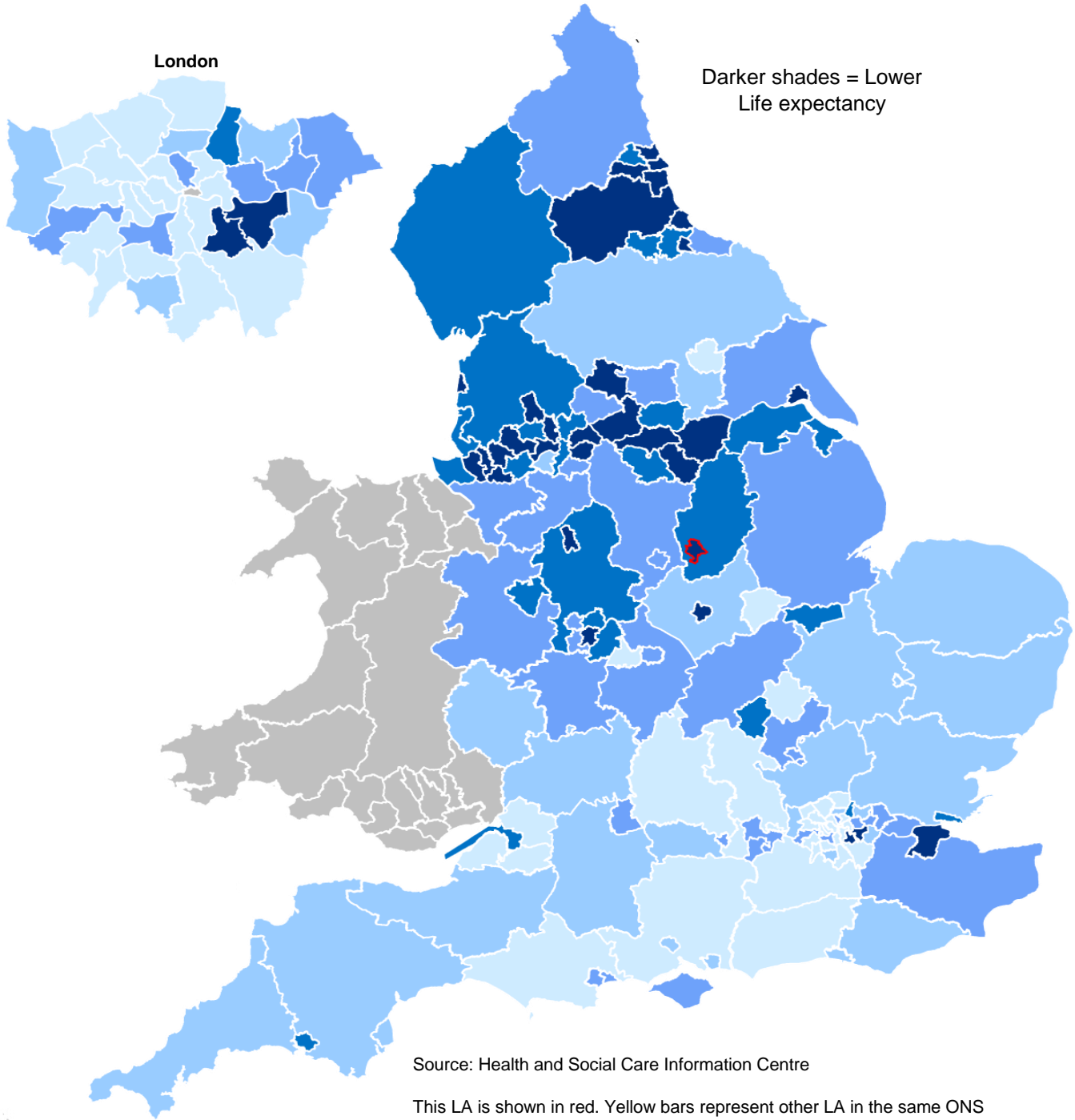
Source: Health and Social Care Information Centre

This LA is shown in red. Yellow bars represent other LA in the same ONS Cluster as this LA. Horizontal lines are the England and cluster averages.

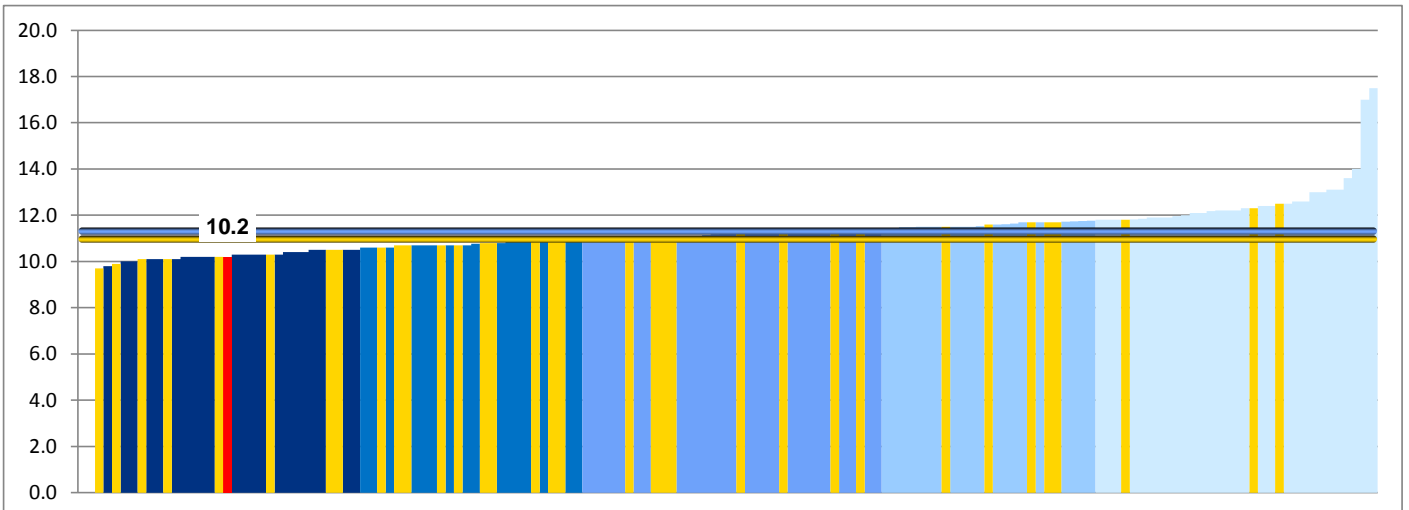


# NHS OF 1b(i) Life expectancy at age 75 (Males)

Number of additional years men age 75 are expected to live

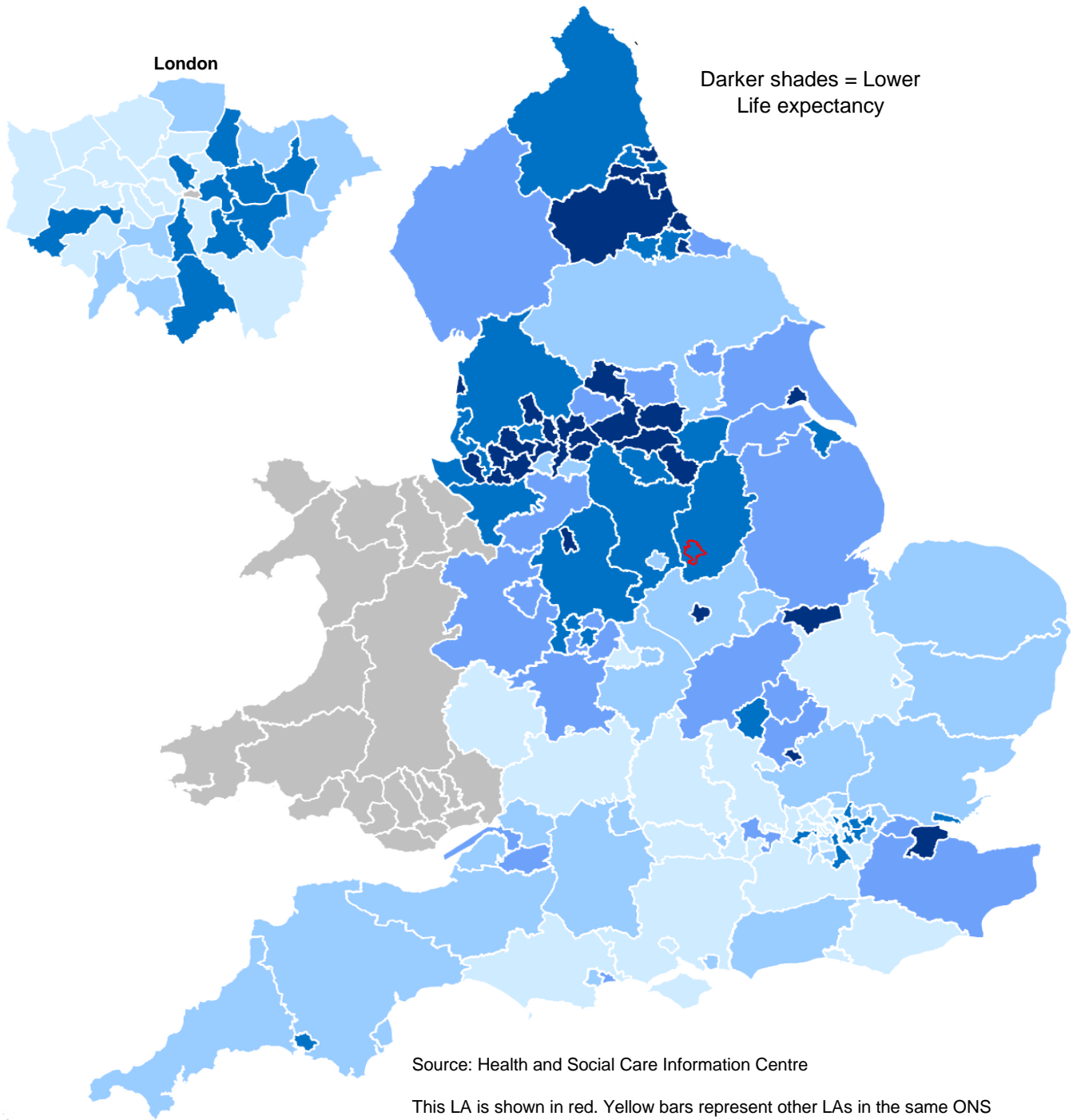


This LA is shown in red. Yellow bars represent other LA in the same ONS Cluster as this LA. Horizontal lines are the England and cluster averages.



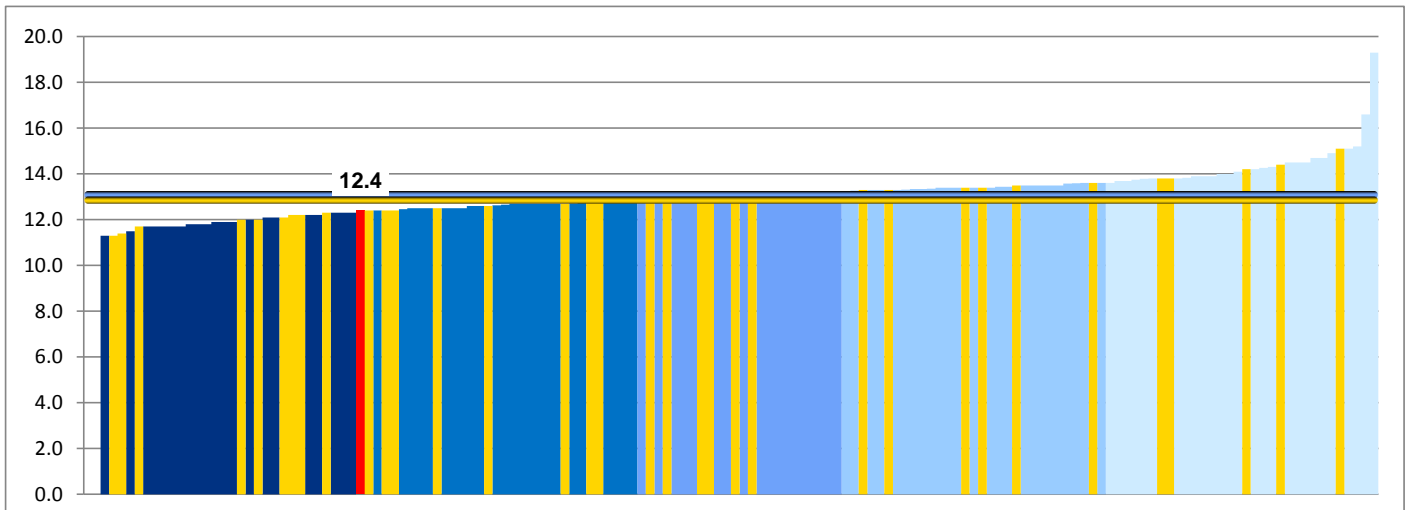
# NHS OF 1b(ii) Life expectancy at age 75 (Females)

Number of additional years women age 75 are expected to live



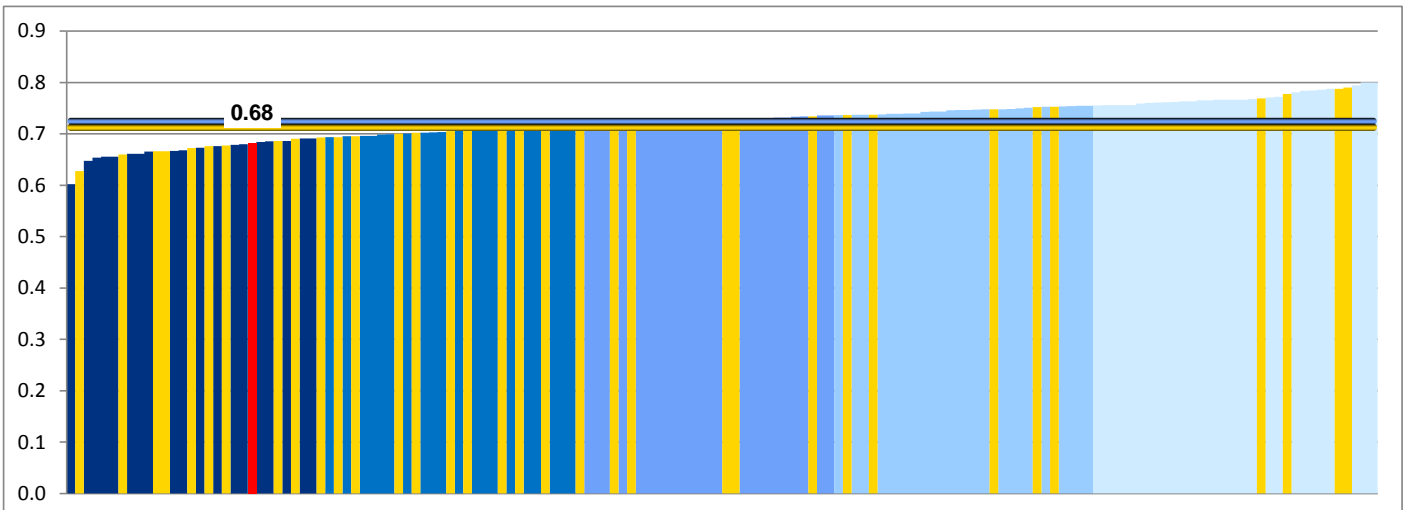
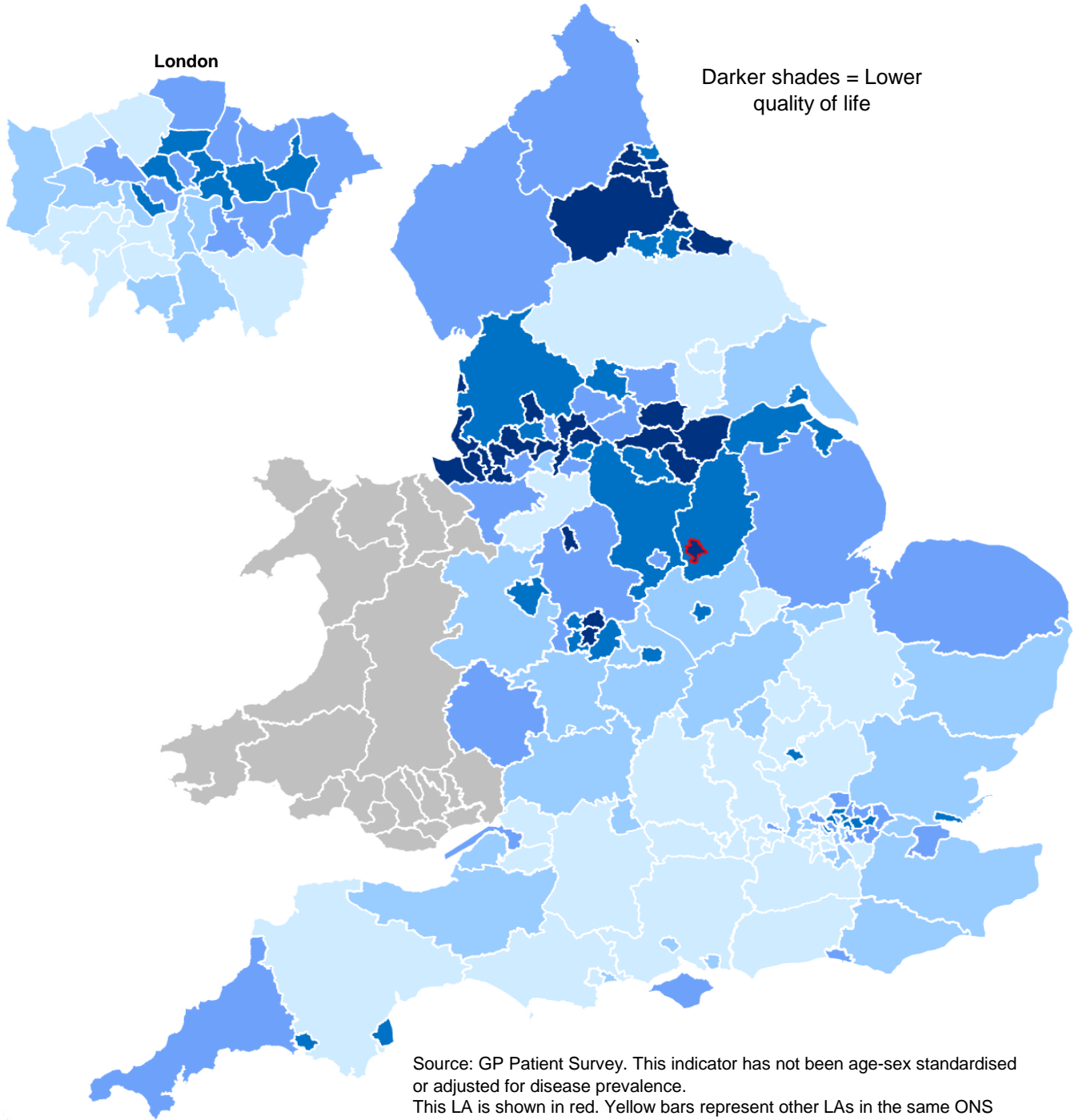
Source: Health and Social Care Information Centre

This LA is shown in red. Yellow bars represent other LAs in the same ONS Cluster as this LA. Horizontal lines are the England and cluster averages.



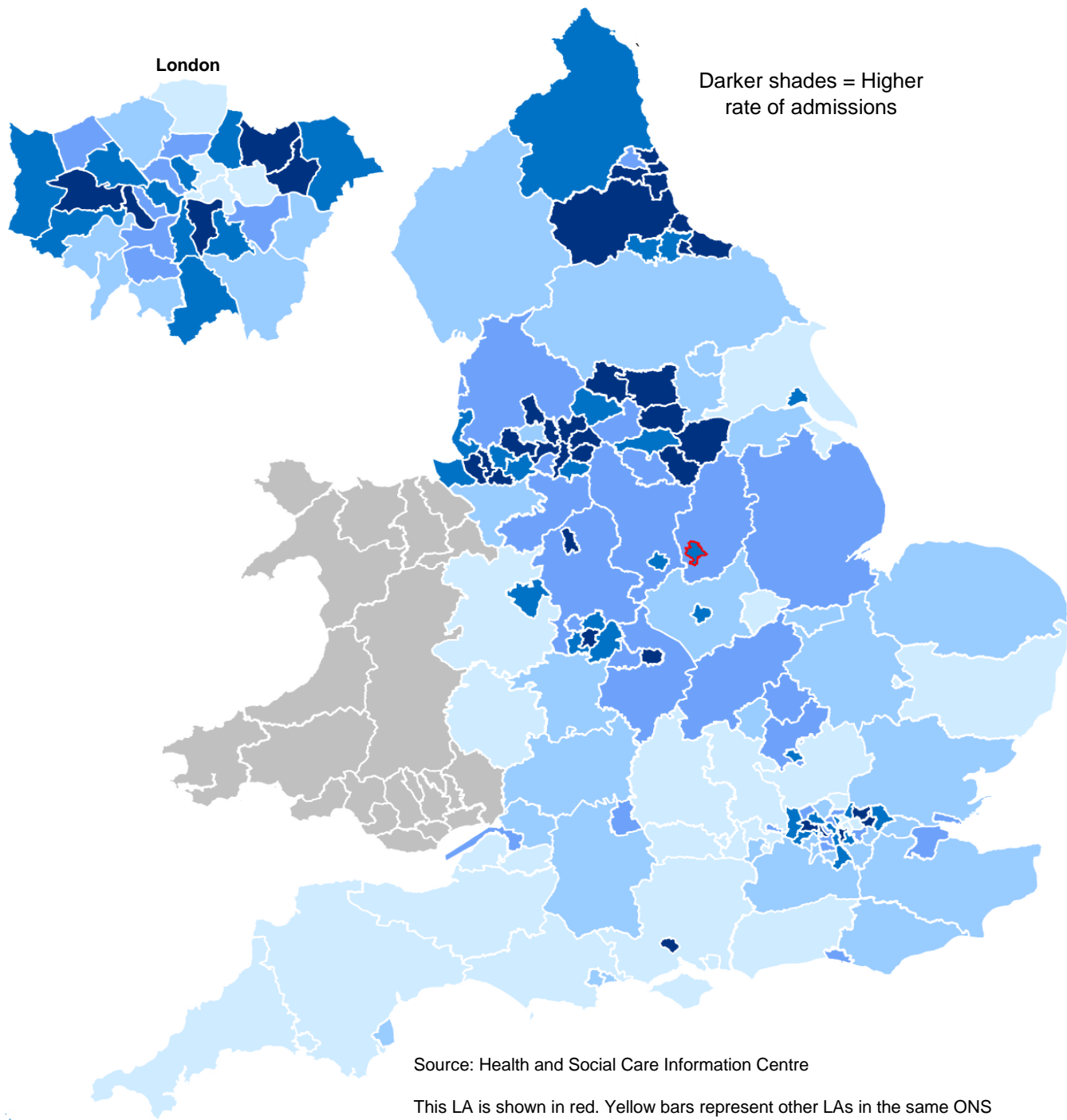
# NHS OF 2 Health-related quality of life for people with long term conditions

Average EQ-5D index for people who reported having an LTCs in the GP Patient Survey



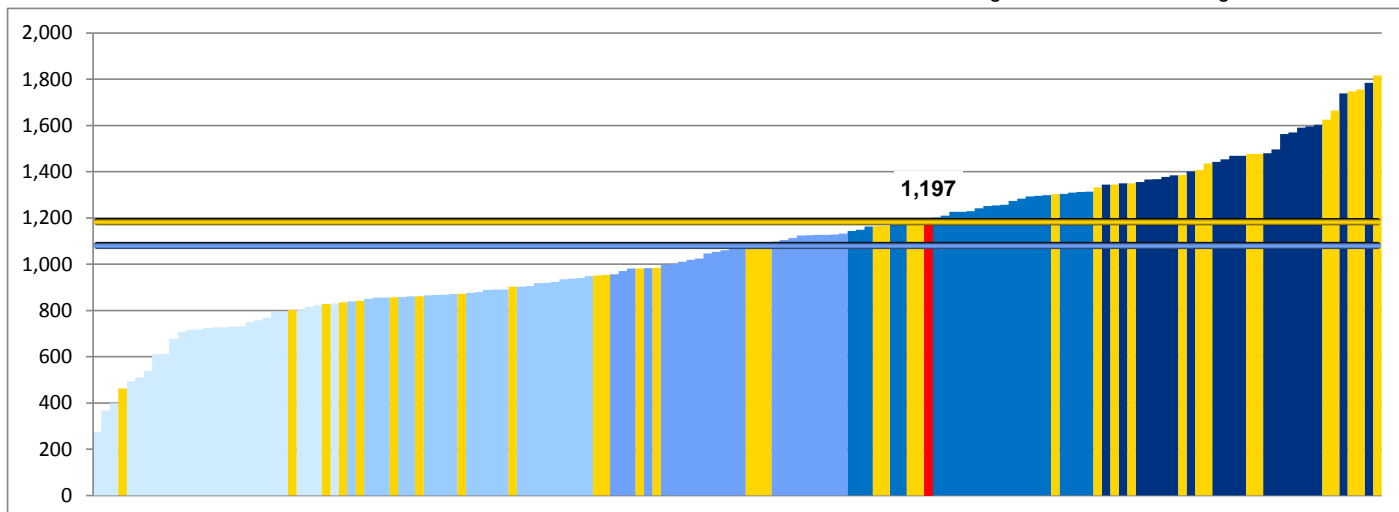
# NHS OF 3a Emergency admissions for acute conditions that should not normally require hospital admission

Indirectly age/sex standardised rate per 100,000 population



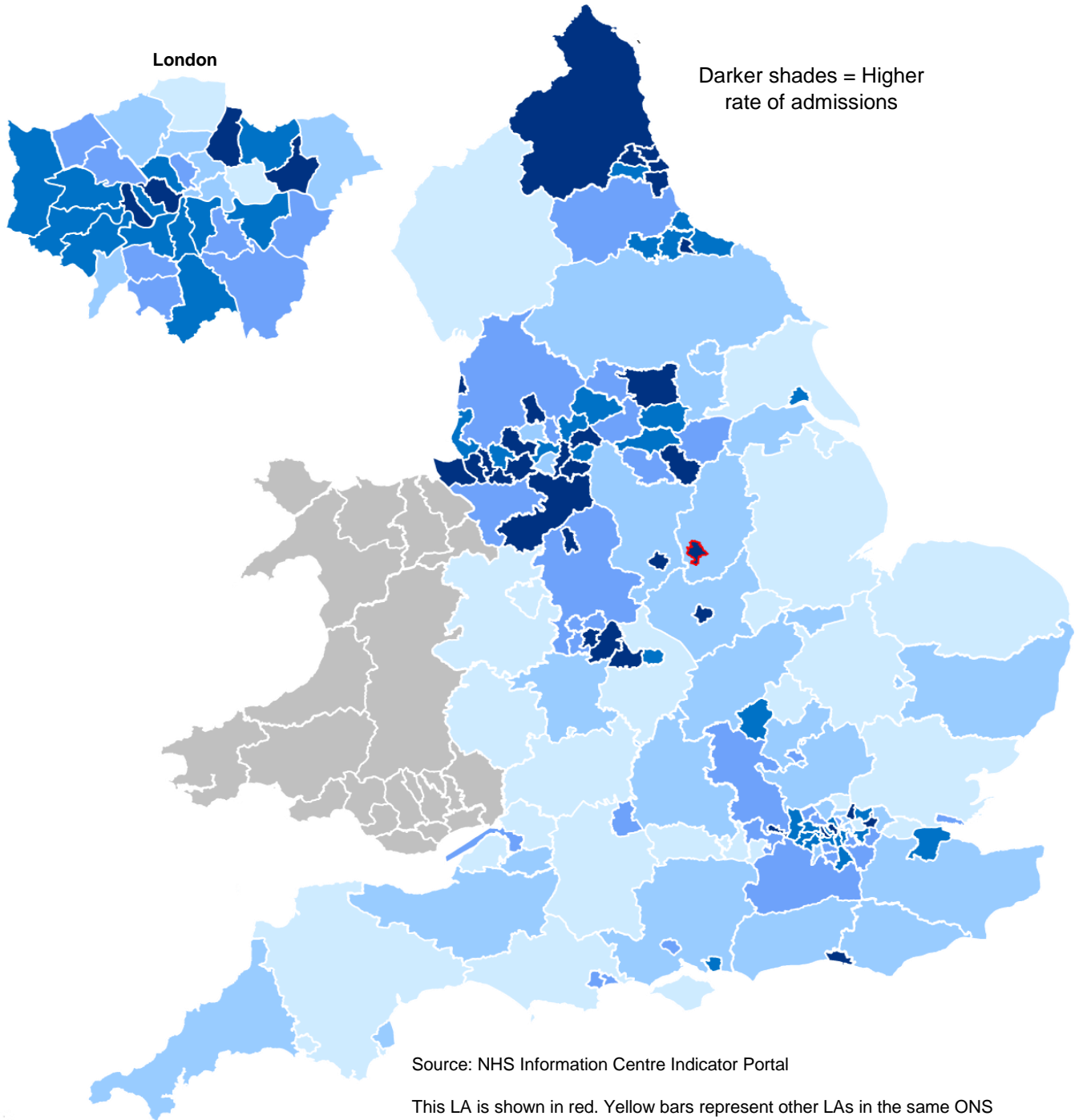
Source: Health and Social Care Information Centre

This LA is shown in red. Yellow bars represent other LAs in the same ONS Cluster as this LA. Horizontal lines are the England and cluster averages.

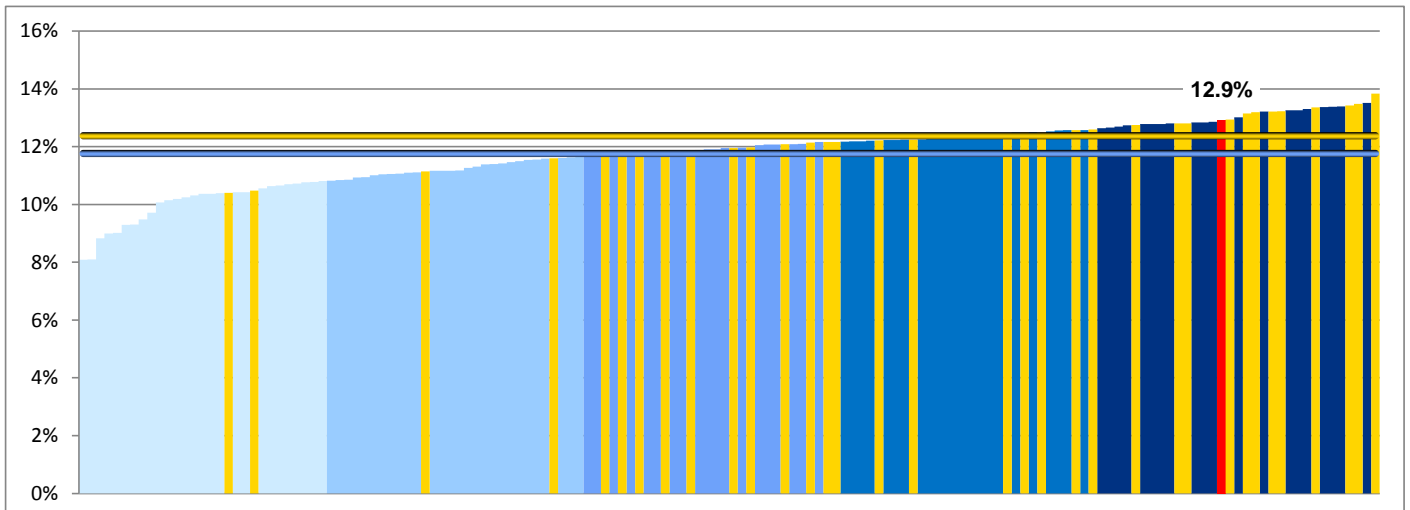


# NHS OF 3b Emergency readmissions with 30 days of discharge from hospital

Percentage rate, standardised for age, sex, method of admission and diagnosis/procedure

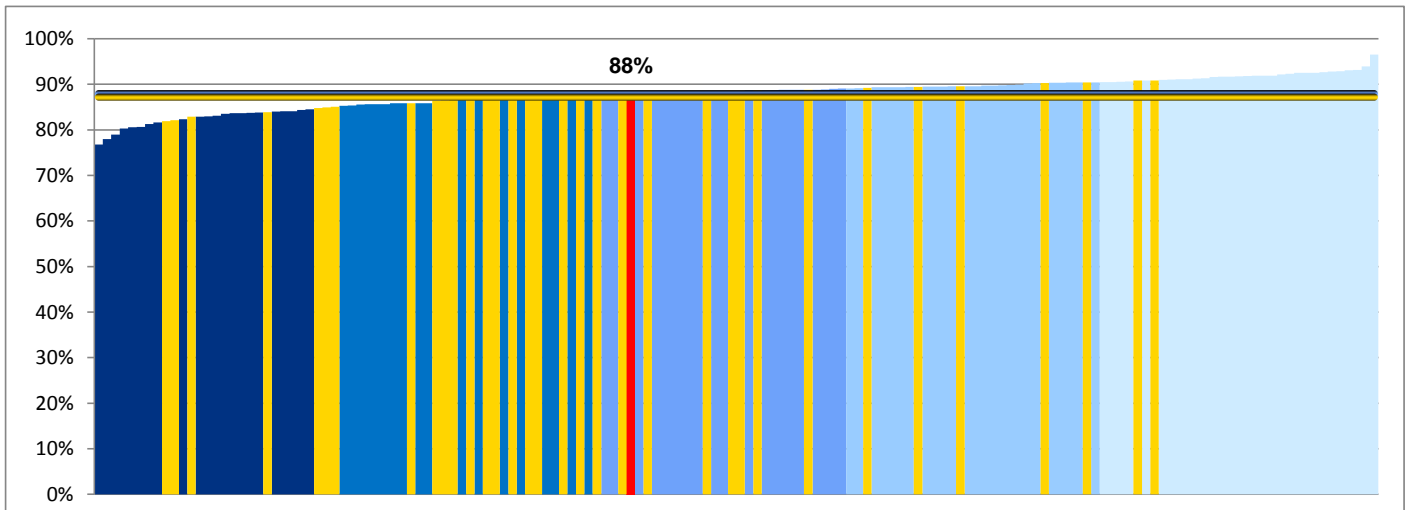
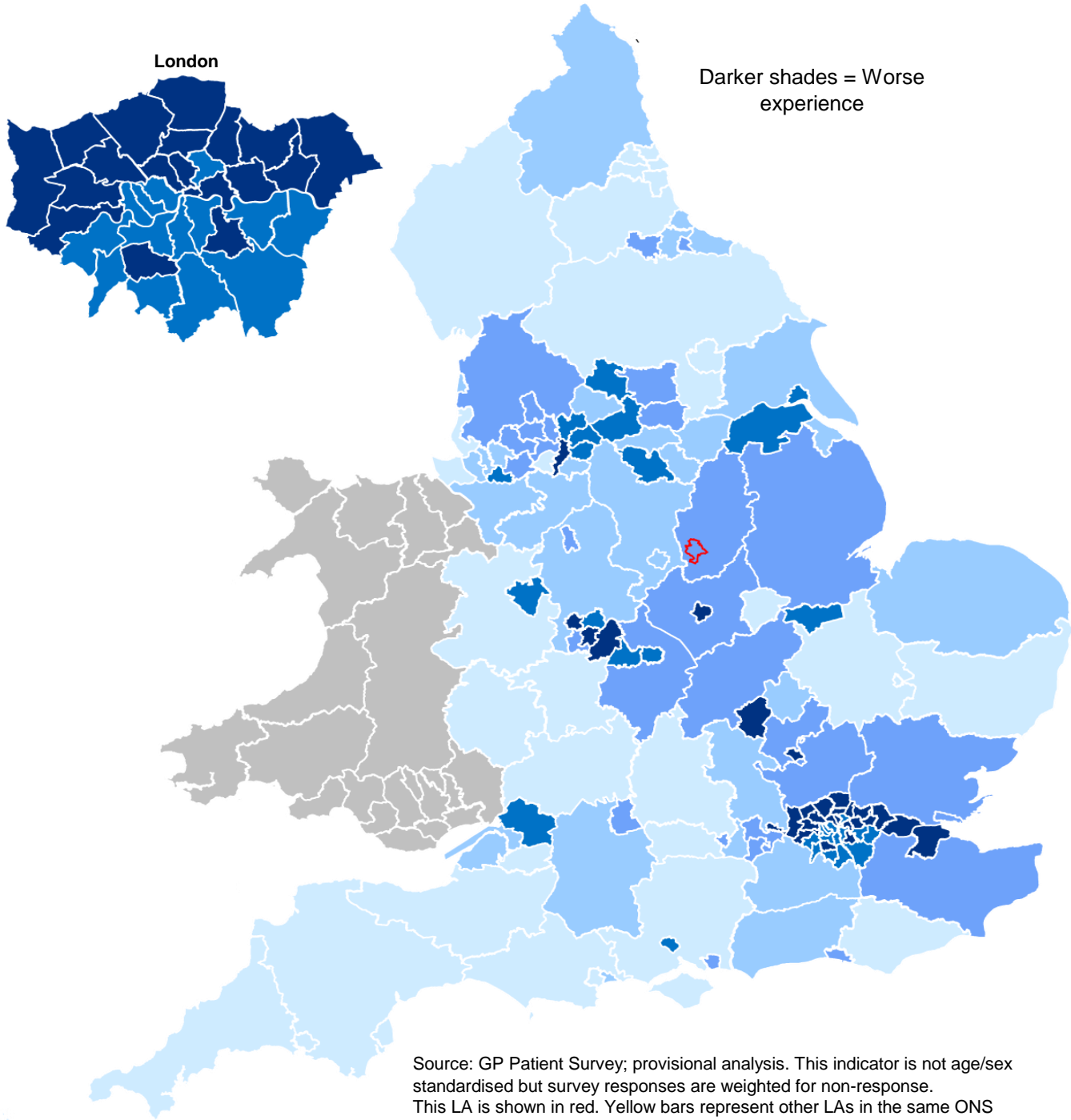


This LA is shown in red. Yellow bars represent other LAs in the same ONS Cluster as this LA. Horizontal lines are the England and cluster averages.



## NHS OF 4a(i) Patient experience of primary care (GP services)

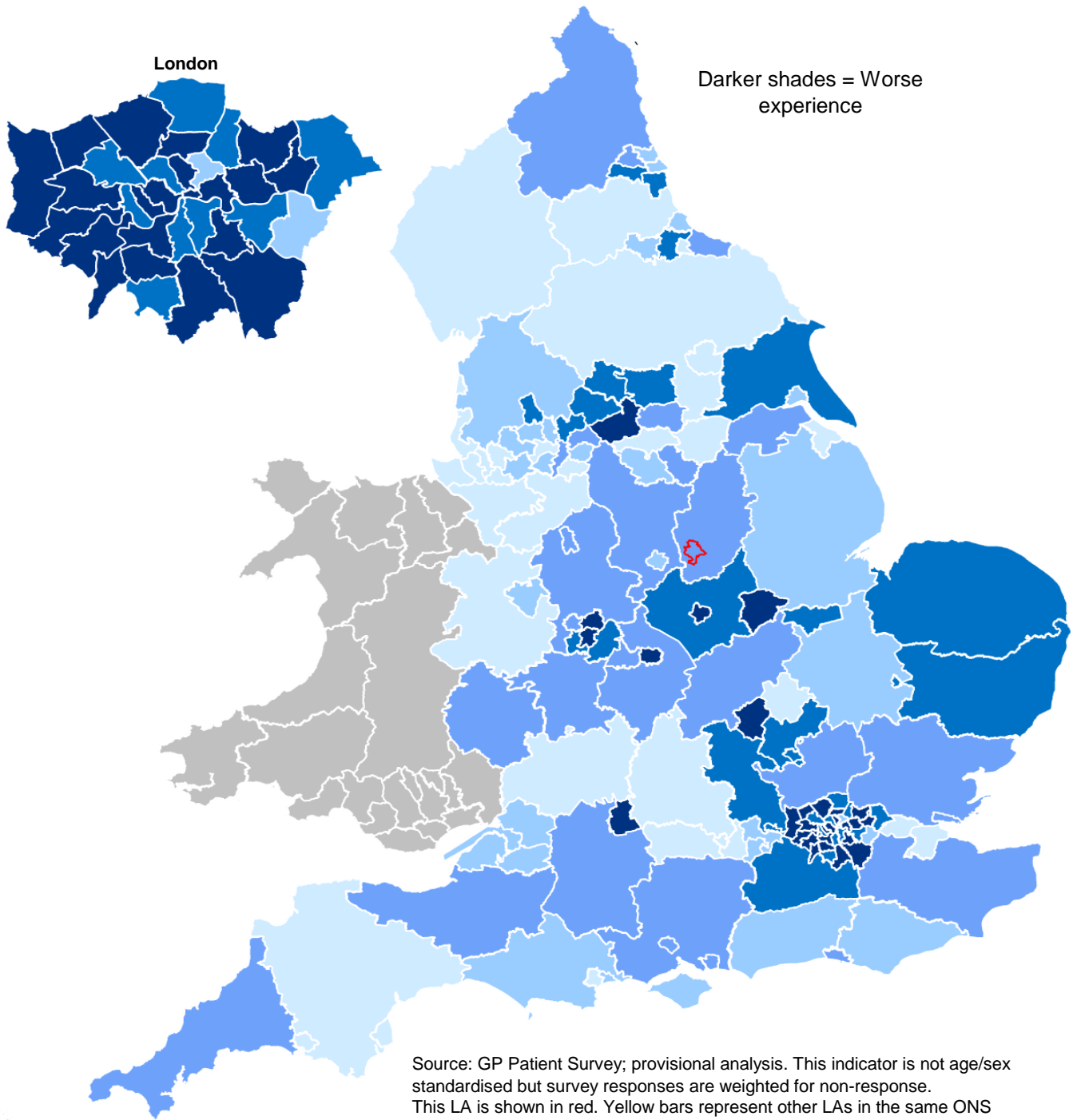
% of people who rate their experience of their GP surgery as "very good" or "fairly good"



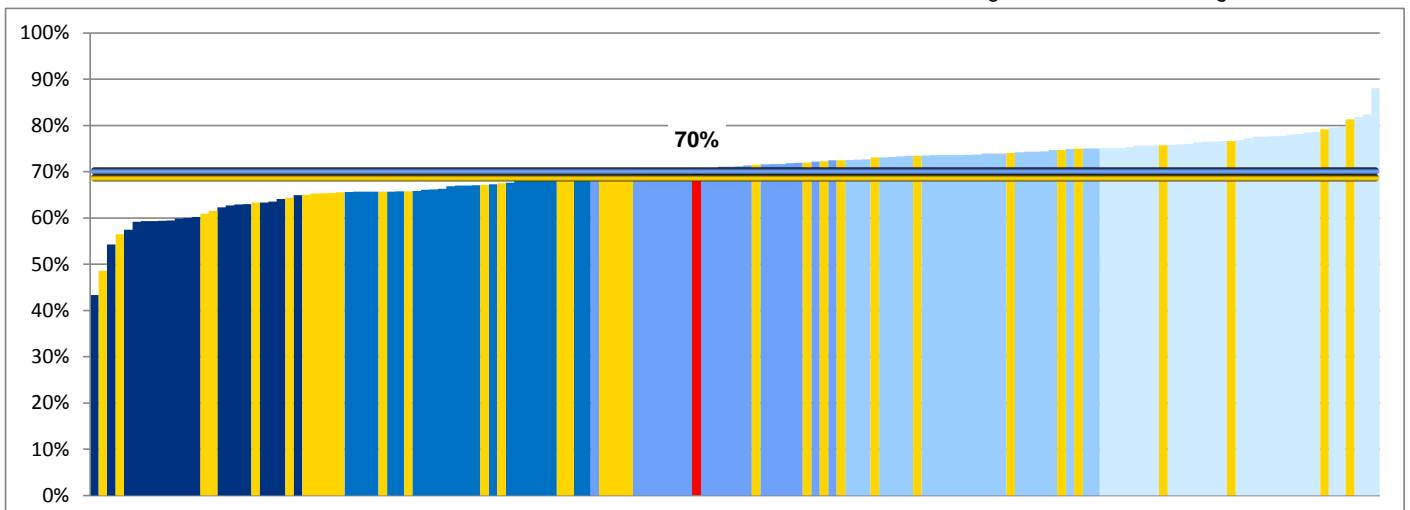


# NHS OF 4a(ii) Patient experience of primary care (Out of Hours Services)

% of people who rate their experience of out-of-hours services as "very good" or "fairly good"

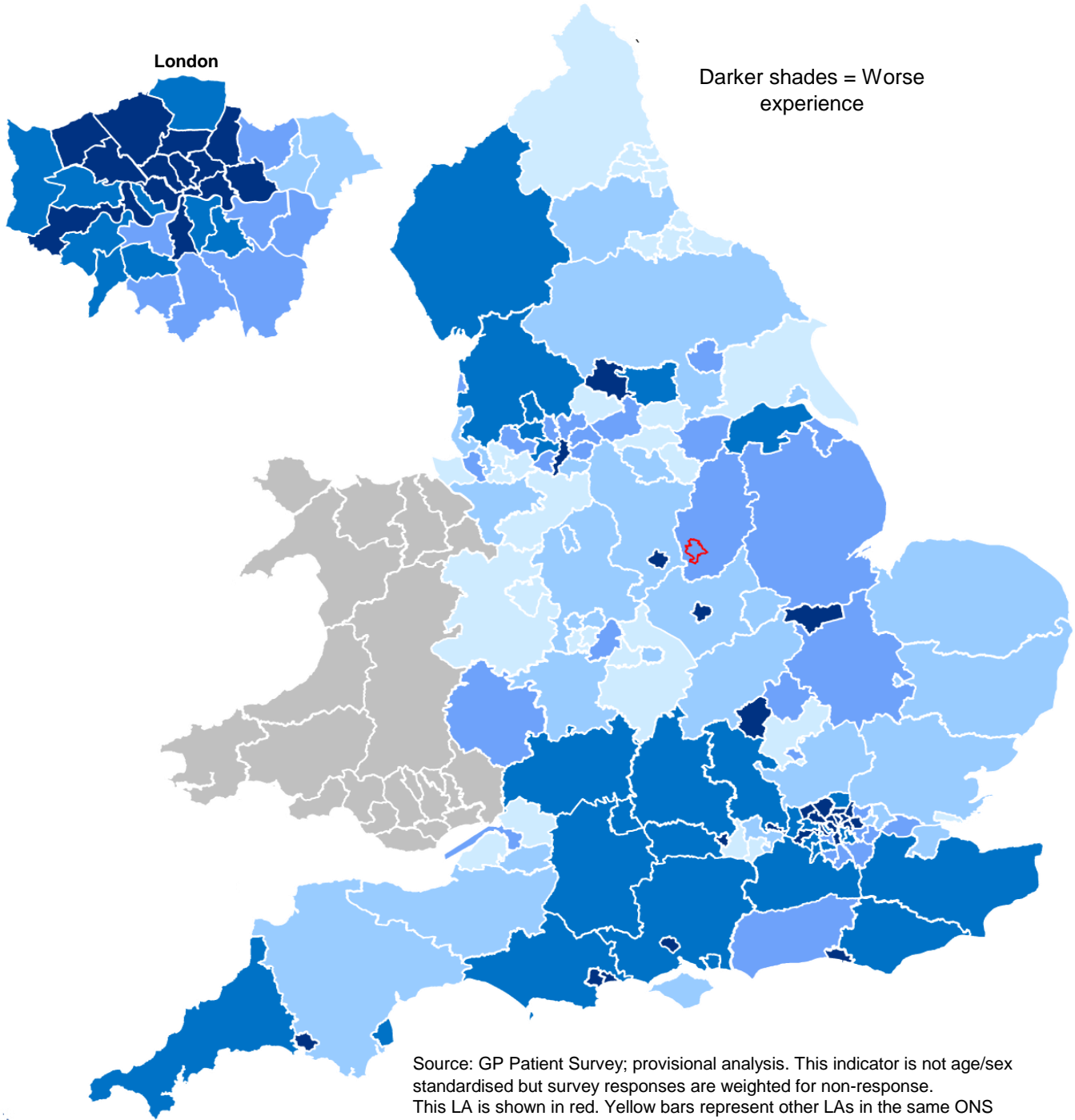


Source: GP Patient Survey; provisional analysis. This indicator is not age/sex standardised but survey responses are weighted for non-response. This LA is shown in red. Yellow bars represent other LAs in the same ONS Cluster as this LA. Horizontal lines are the England and cluster averages.

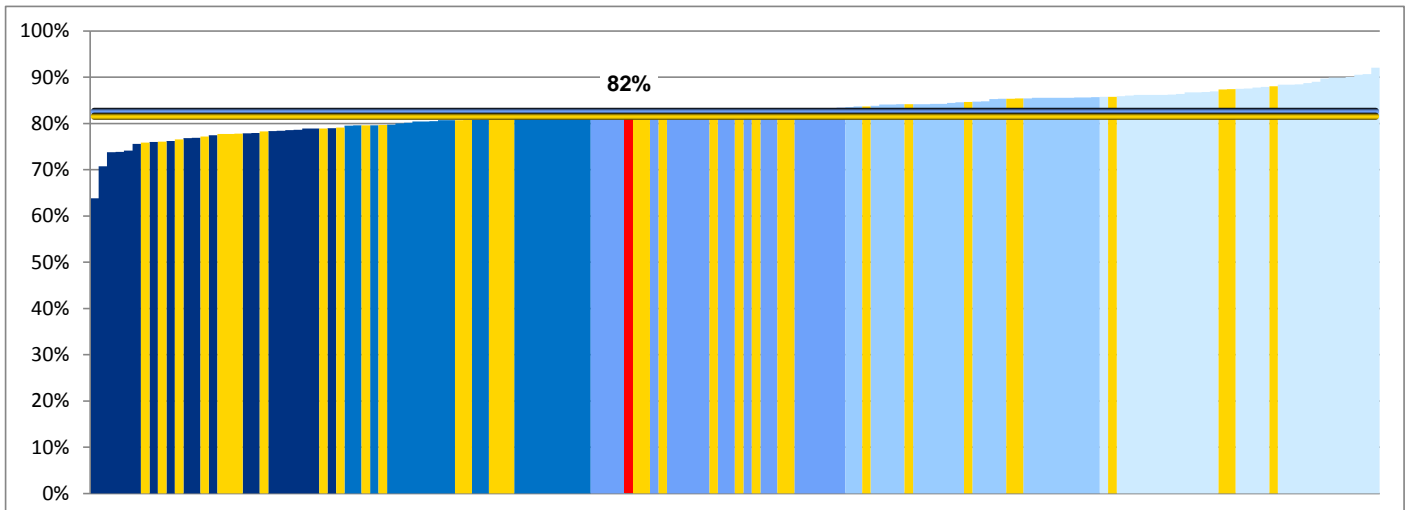


# NHS OF 4a(iii) Patient experience of primary care (Dentistry)

% of people who rate their experience of dentistry services as "very good" or "fairly good"



Source: GP Patient Survey; provisional analysis. This indicator is not age/sex standardised but survey responses are weighted for non-response. This LA is shown in red. Yellow bars represent other LAs in the same ONS Cluster as this LA. Horizontal lines are the England and cluster averages.



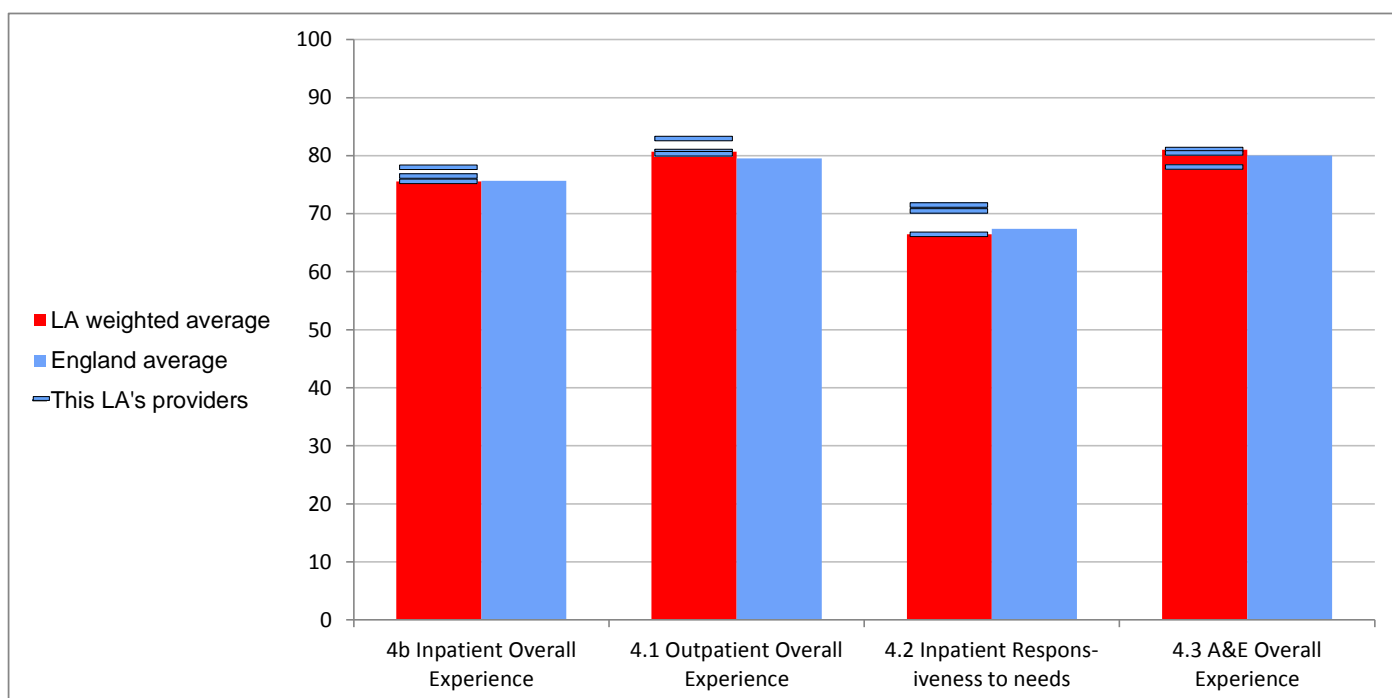
## NHS OF 4b Patient experience of hospital care

Composite experience scores (out of 100) at this LA's main 5 providers

The table below shows the composite score based on people who reported that their experience was "very good" or "fairly good" in various patient surveys.

Note that these scores refer to all patients surveyed at the providers and do not refer specifically to this LA's patients. To give additional context, this page includes additional indicators 4.1-4.3 from the NHS Outcomes Framework.

Providers (ordered by number of admissions) for this LA's residents	Number of Admissions / spells (Acute 2010/11)	4b Inpatient Overall Experience	4.1 Outpatient Overall Experience	4.2 Inpatient Responsiveness to needs	4.3 A&E Overall Experience
Nottingham Univ Hospitals NHS Trust	21,352	76	81	66	81
Ramsay Healthcare UK Operations Ltd	456	NA	NA	NA	NA
Nottinghamshire County Teaching PCT	325	NA	NA	NA	NA
Derby Hospitals NHS FT	94	76	83	70	80
Sherwood Forest Hospitals NHS FT	79	78	80	71	78
<b>LA weighted average</b>		<b>76</b>	<b>81</b>	<b>66</b>	<b>81</b>
<b>England Average</b>		<b>76</b>	<b>80</b>	<b>67</b>	<b>80</b>

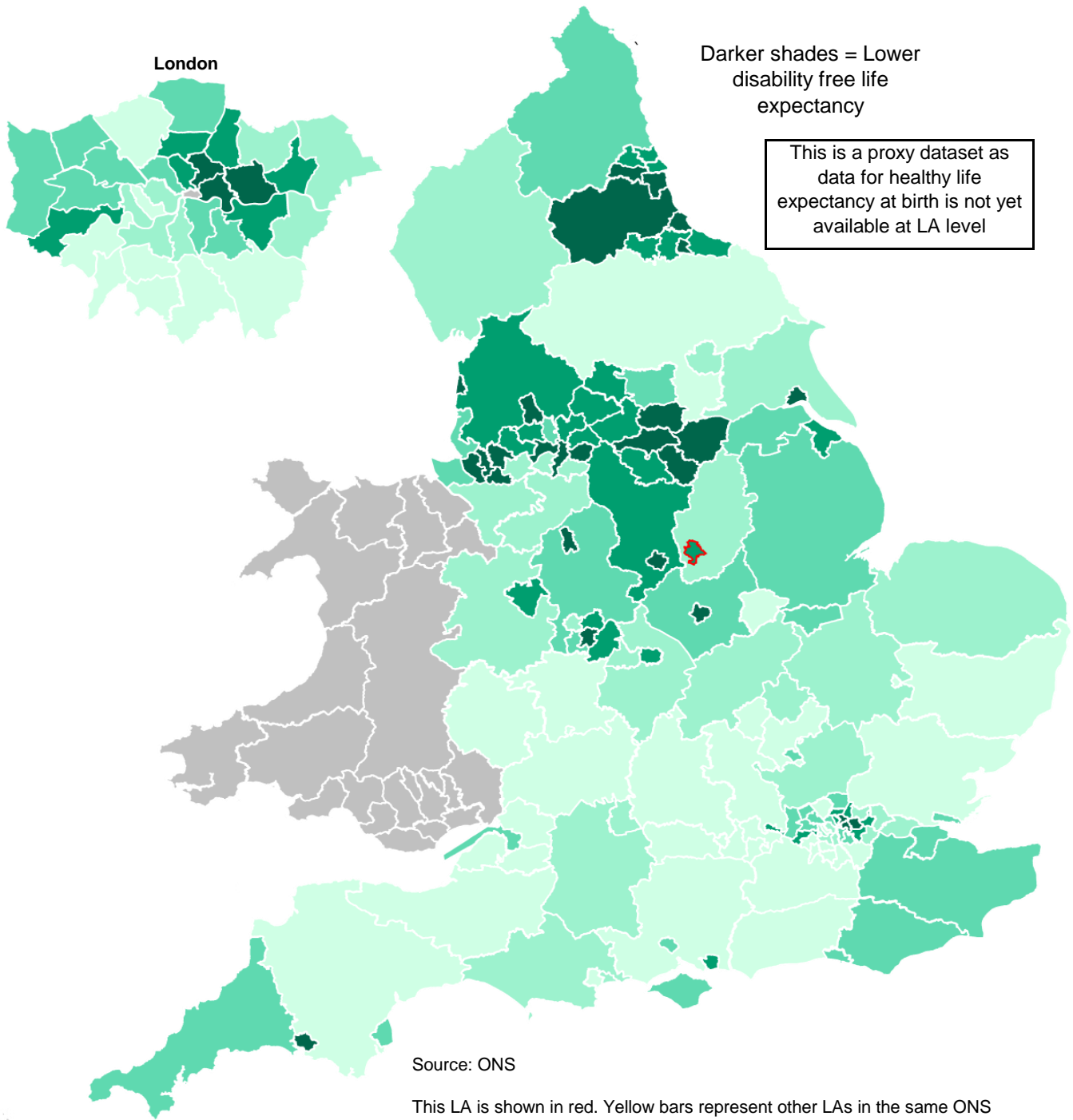


## **SECTION 3**

### **Public Health Outcomes Framework Indicators**

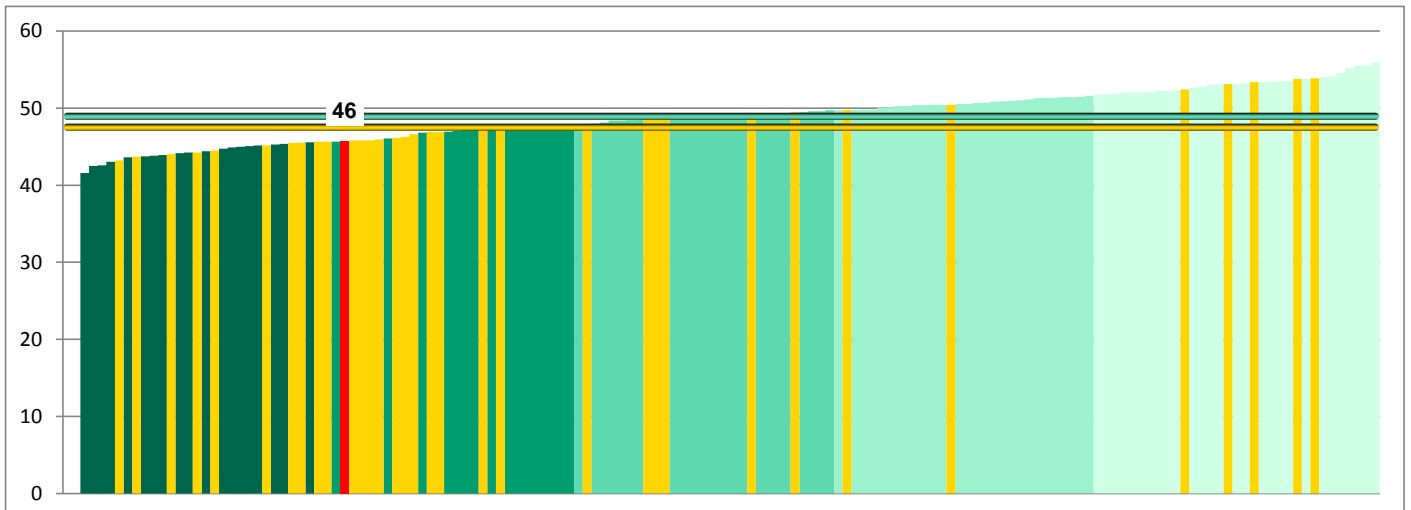
# PH OF 0.1i Proxy for healthy life expectancy at birth

Disability Free Life Expectancy (DLFE) at age 16 for males and females combined



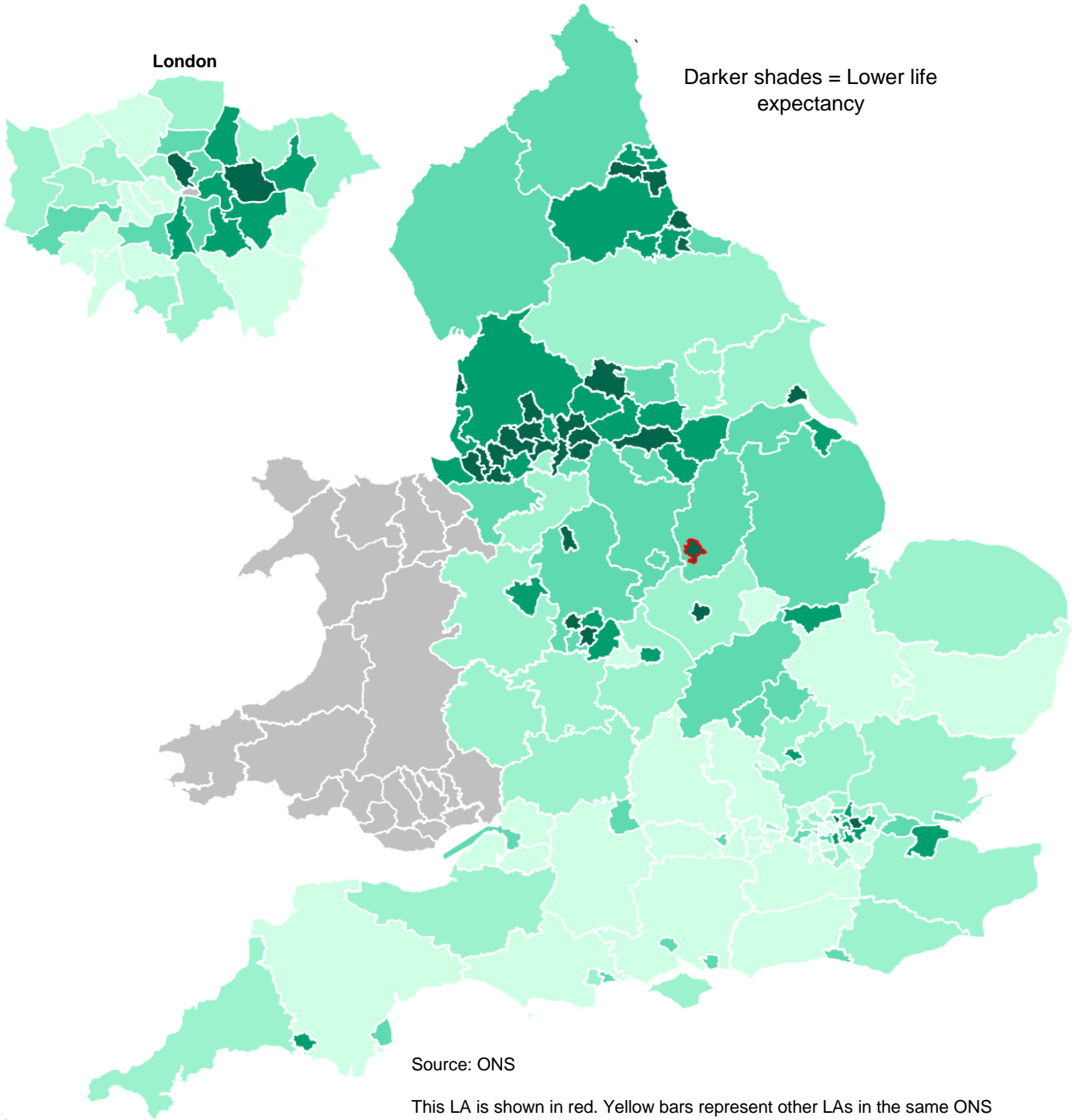
Source: ONS

This LA is shown in red. Yellow bars represent other LAs in the same ONS Cluster as this LA. Horizontal lines are the England and cluster averages.

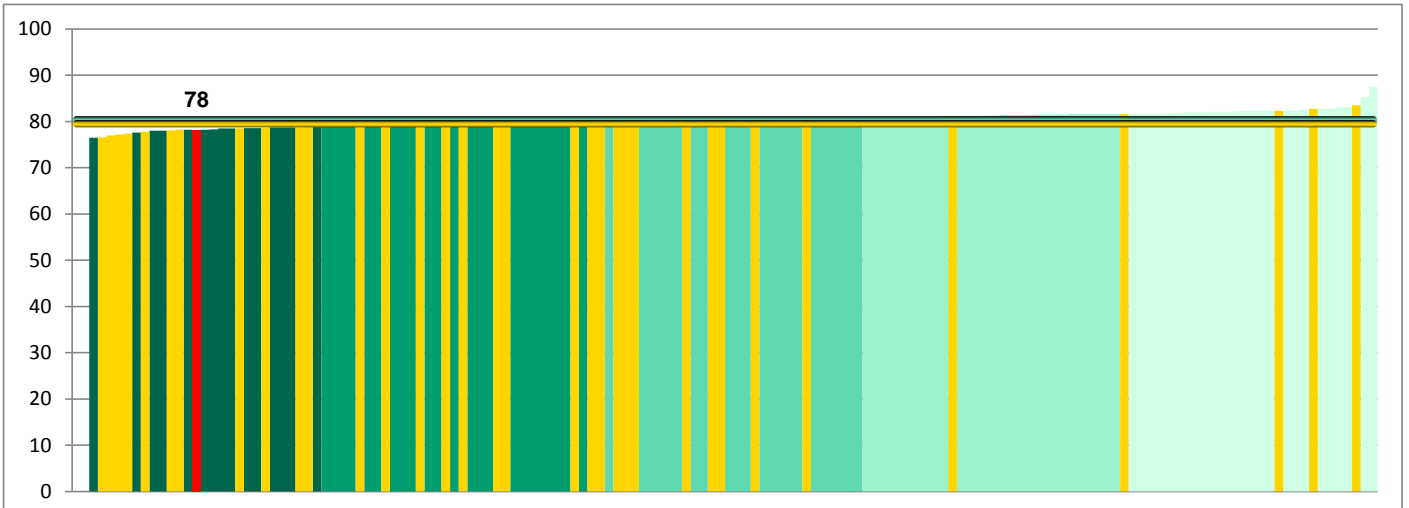


# PH OF 0.1ii Life expectancy at birth

Life expectancy at birth for males and females combined

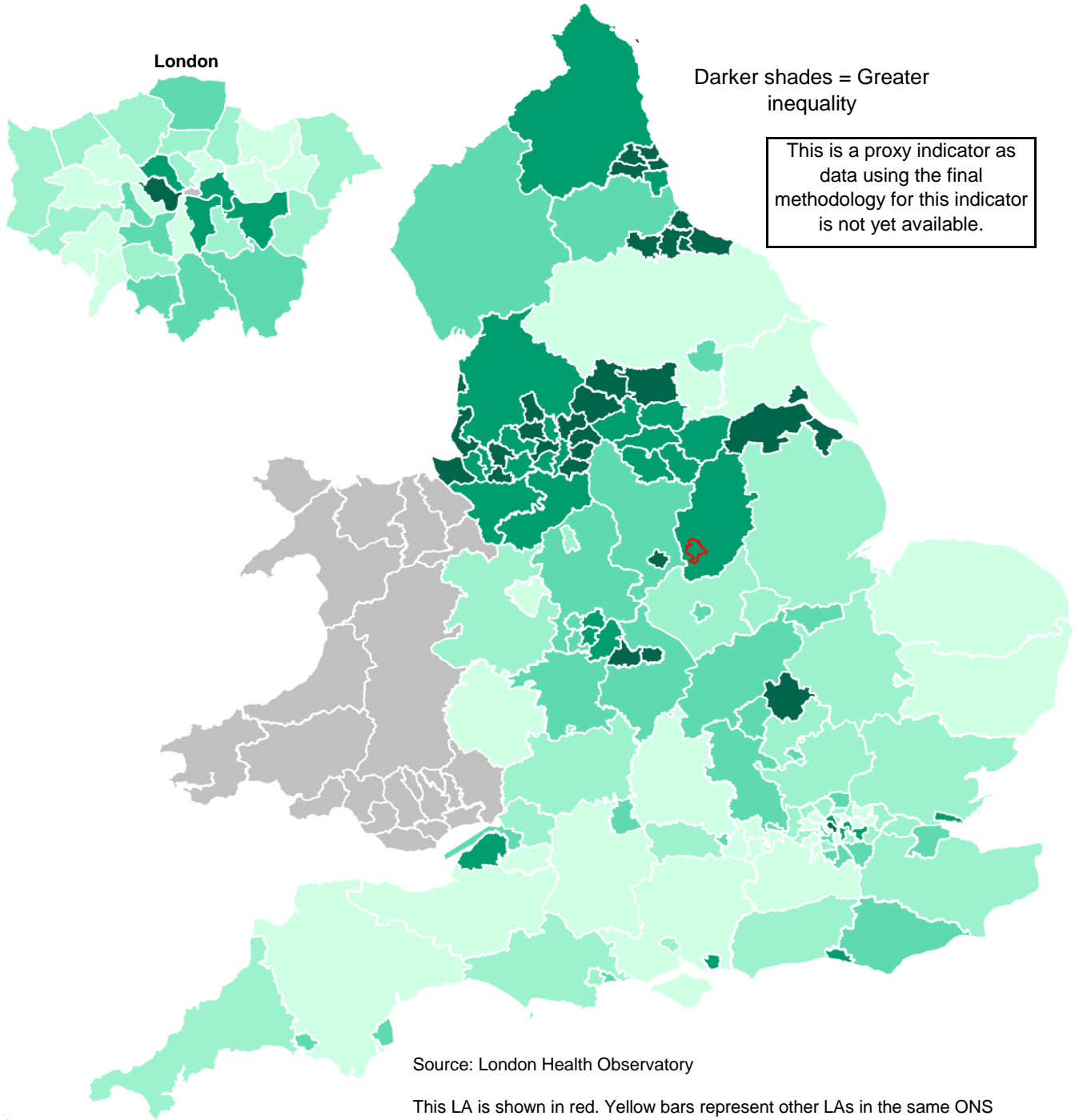


This LA is shown in red. Yellow bars represent other LAs in the same ONS Cluster as this LA. Horizontal lines are the England and cluster averages.

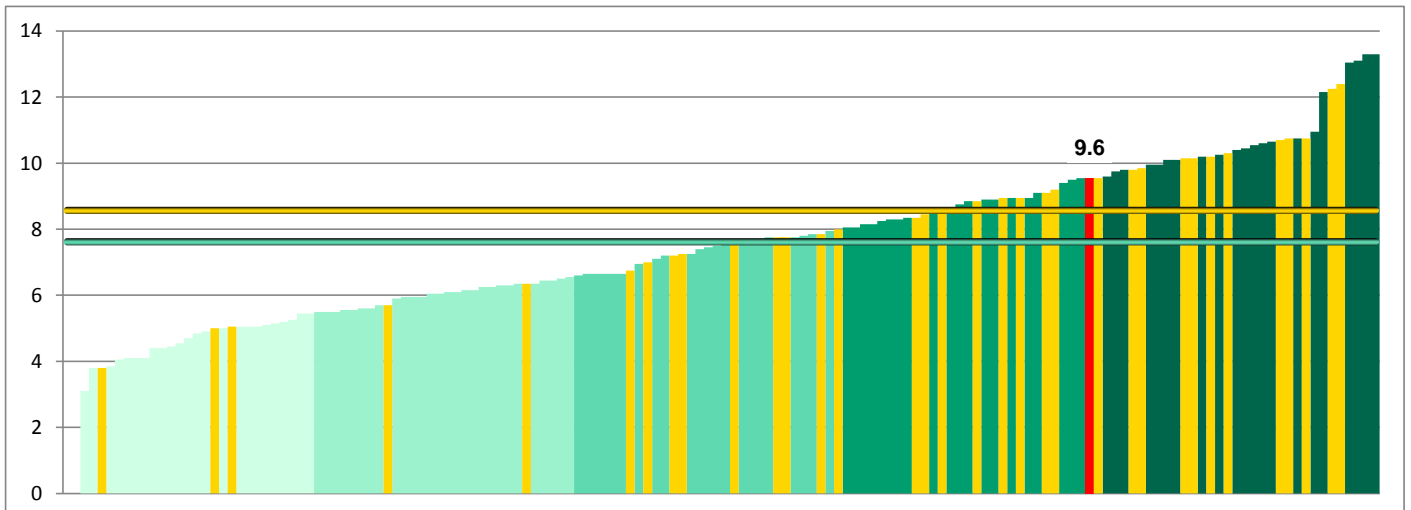


# PH OF 0.2iii Slope Index of Inequality in life expectancy at birth

Slope Index of Inequality (SII) in life expectancy for males and females combined



This LA is shown in red. Yellow bars represent other LAs in the same ONS Cluster as this LA. Horizontal lines are the England and cluster averages.



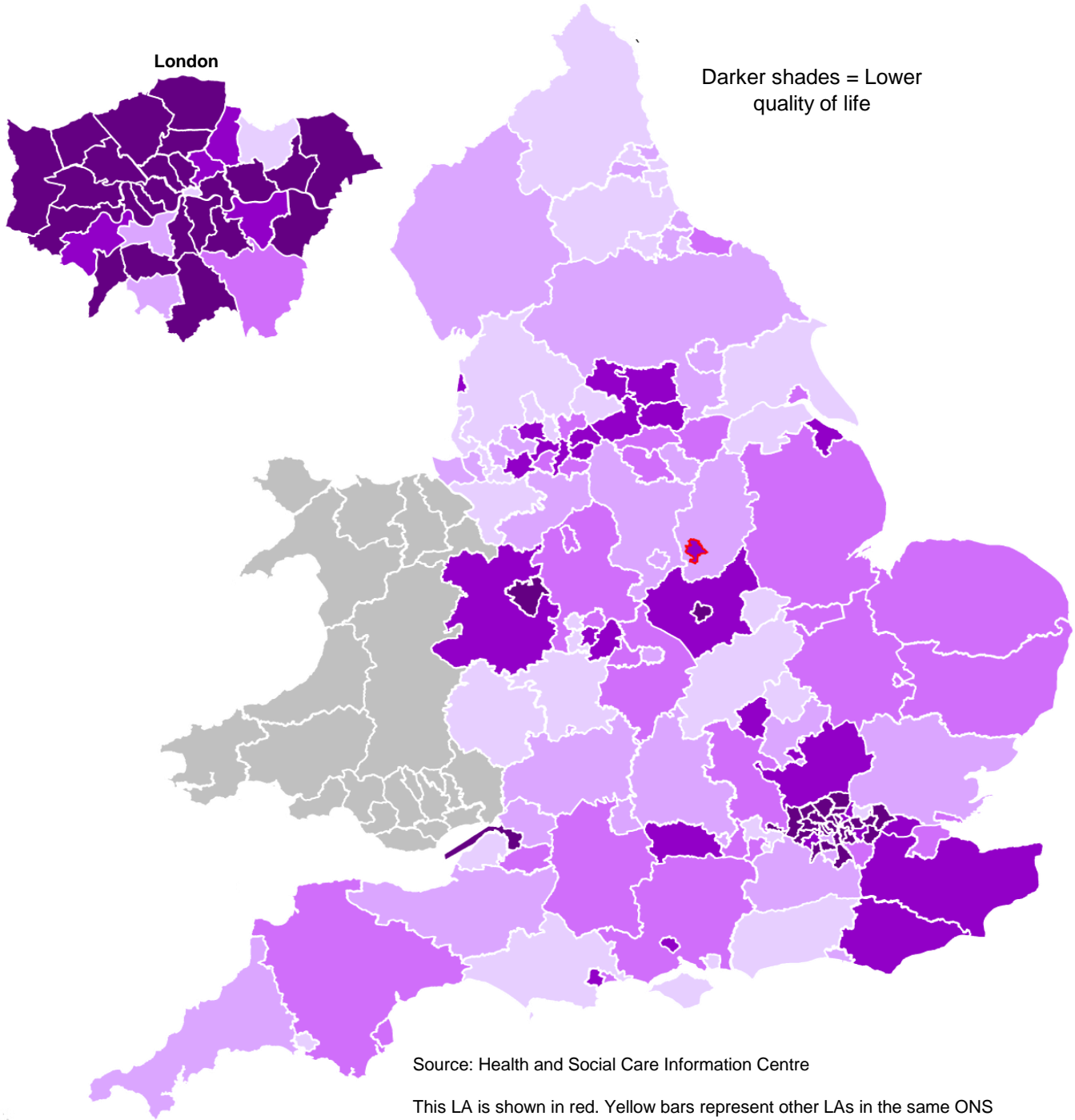
## **SECTION 4**

### **Adult Social Care Outcomes Framework Indicators**

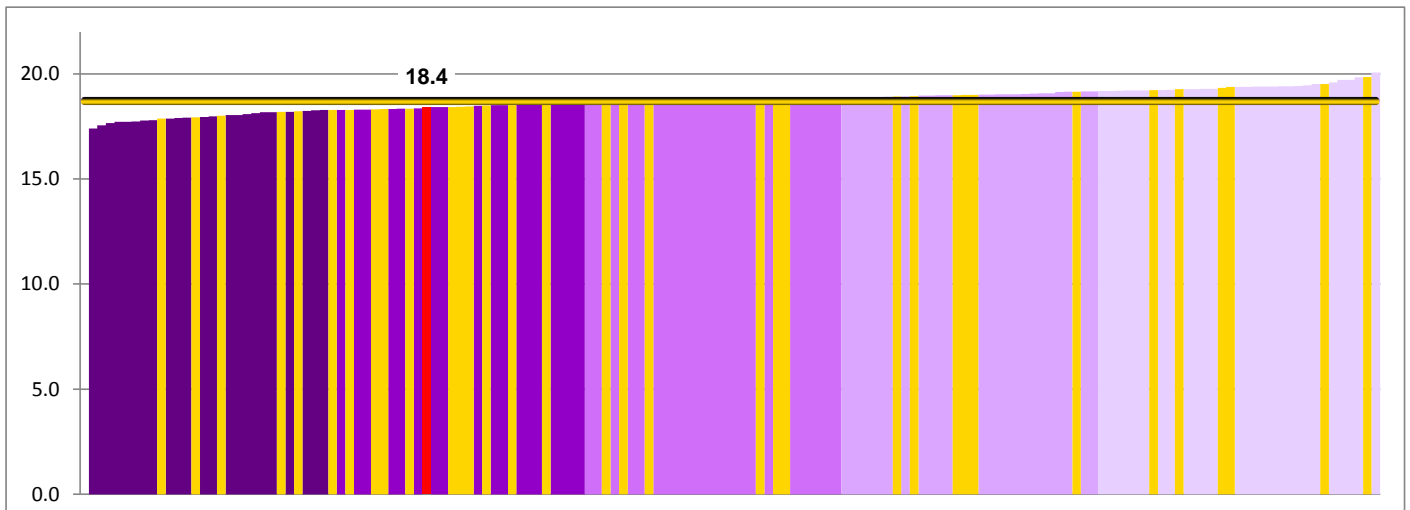


# Adult Social Care OF 1A Social care-related quality of life

Average quality of life score based on responses to the Adult Social Care Survey

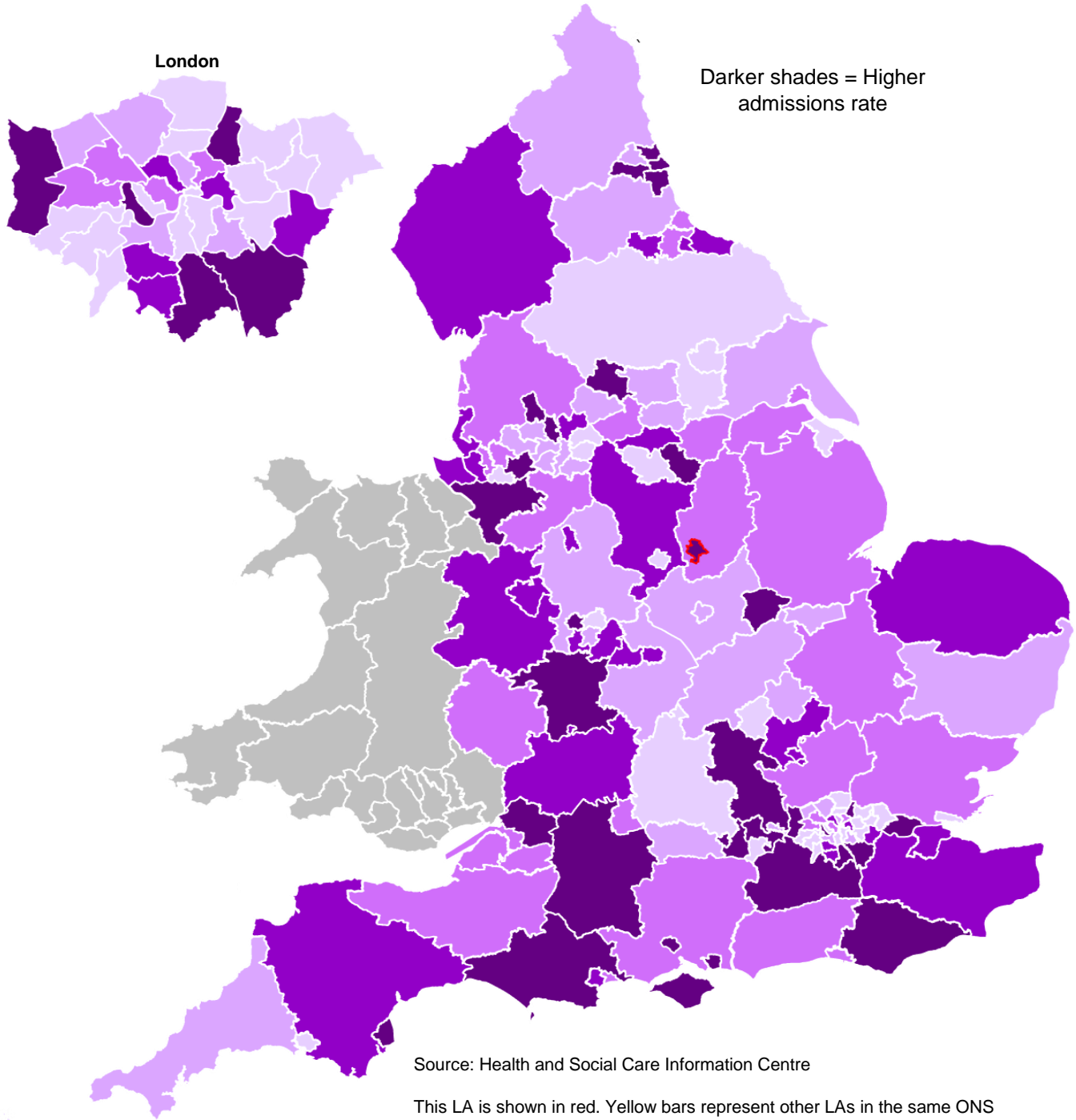


This LA is shown in red. Yellow bars represent other LAs in the same ONS Cluster as this LA. Horizontal lines are the England and cluster averages.

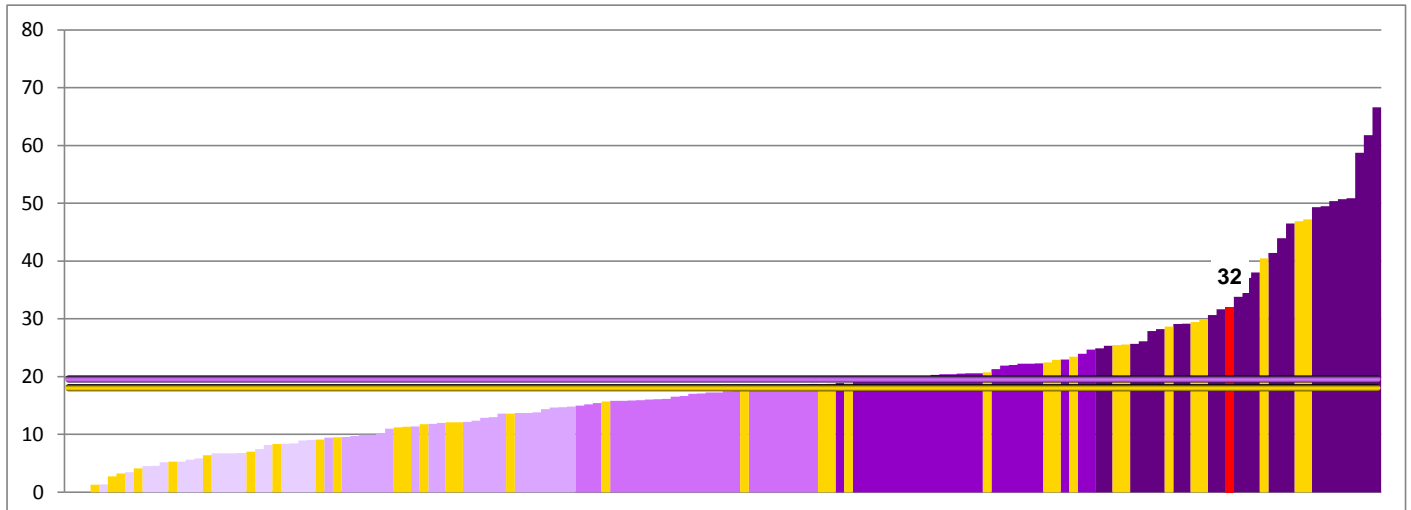


# Adult Social Care OF 2A(1) Permanent admissions to residential and nursing care homes for people age 18-64

Rates per 100,000 population age 18-64

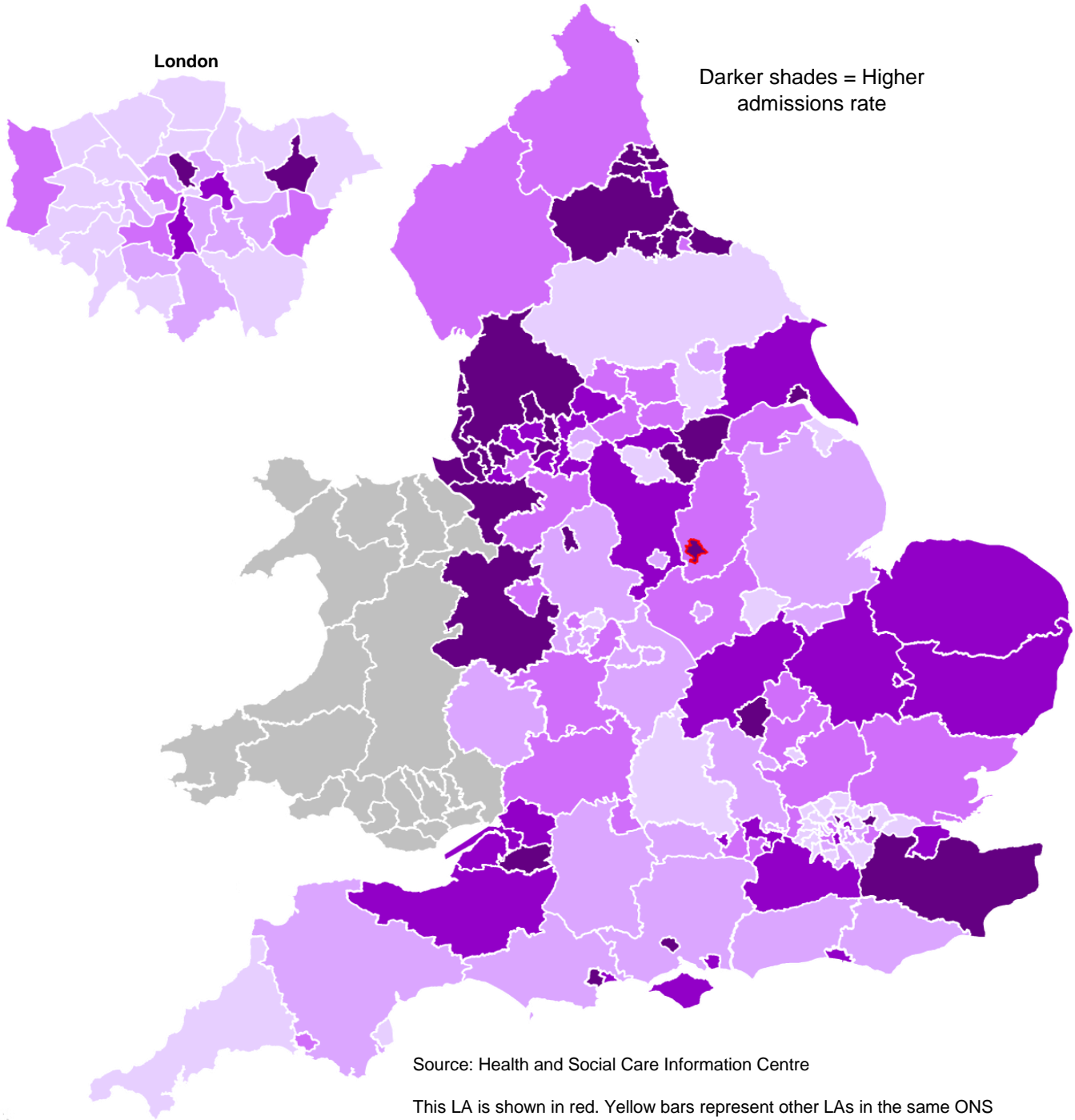


This LA is shown in red. Yellow bars represent other LAs in the same ONS Cluster as this LA. Horizontal lines are the England and cluster averages.



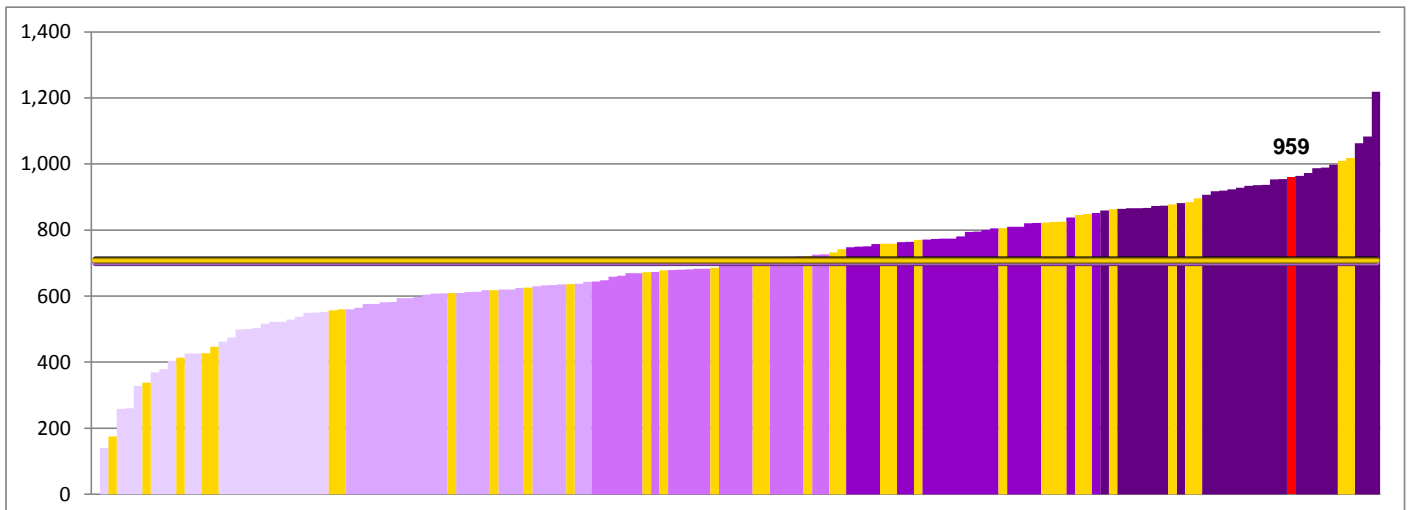
# Adult Social Care OF 2A(2) Permanent admissions to residential and nursing care homes for people age 65+

Rates per 100,000 population age 65+



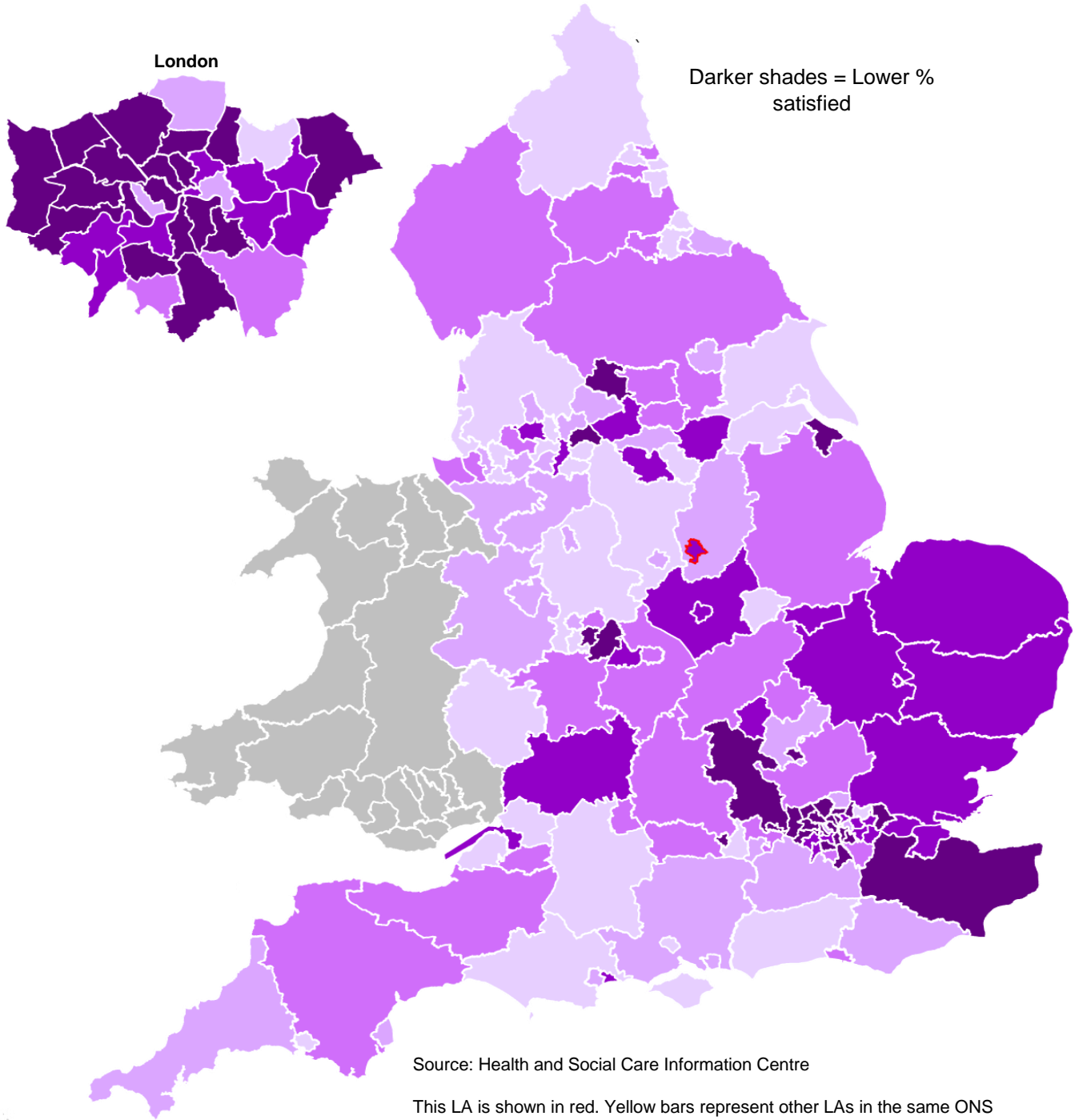
Source: Health and Social Care Information Centre

This LA is shown in red. Yellow bars represent other LAs in the same ONS Cluster as this LA. Horizontal lines are the England and cluster averages.

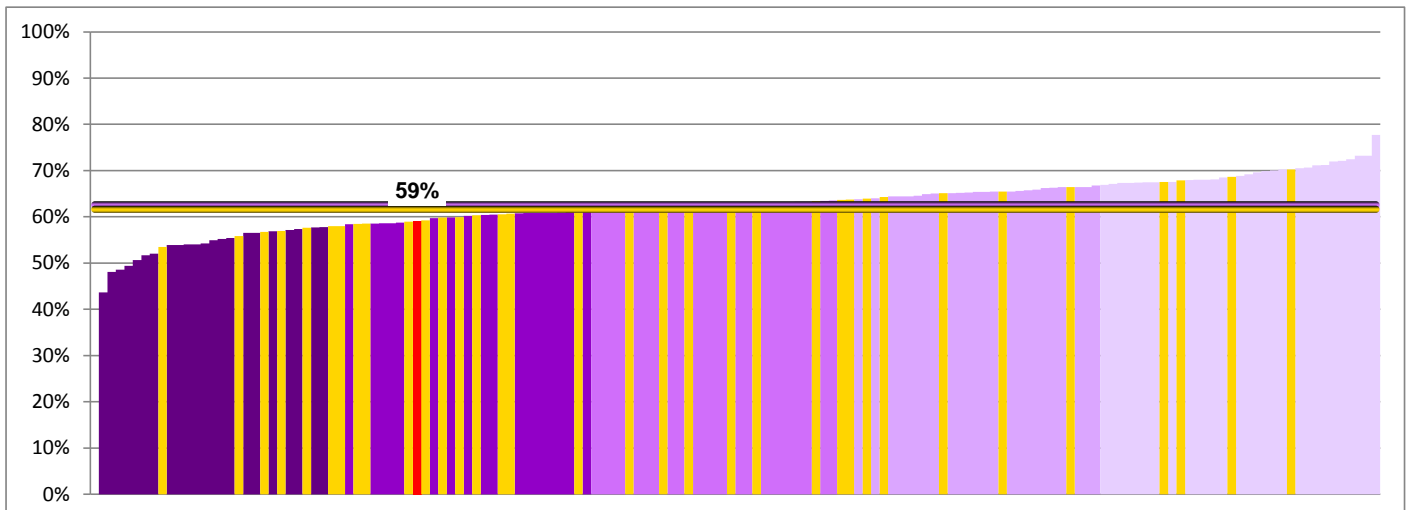


# Adult Social Care OF 3A Overall satisfaction of people who use services with their care and support

% of people who rate their satisfaction as "very" or "extremely" satisfied

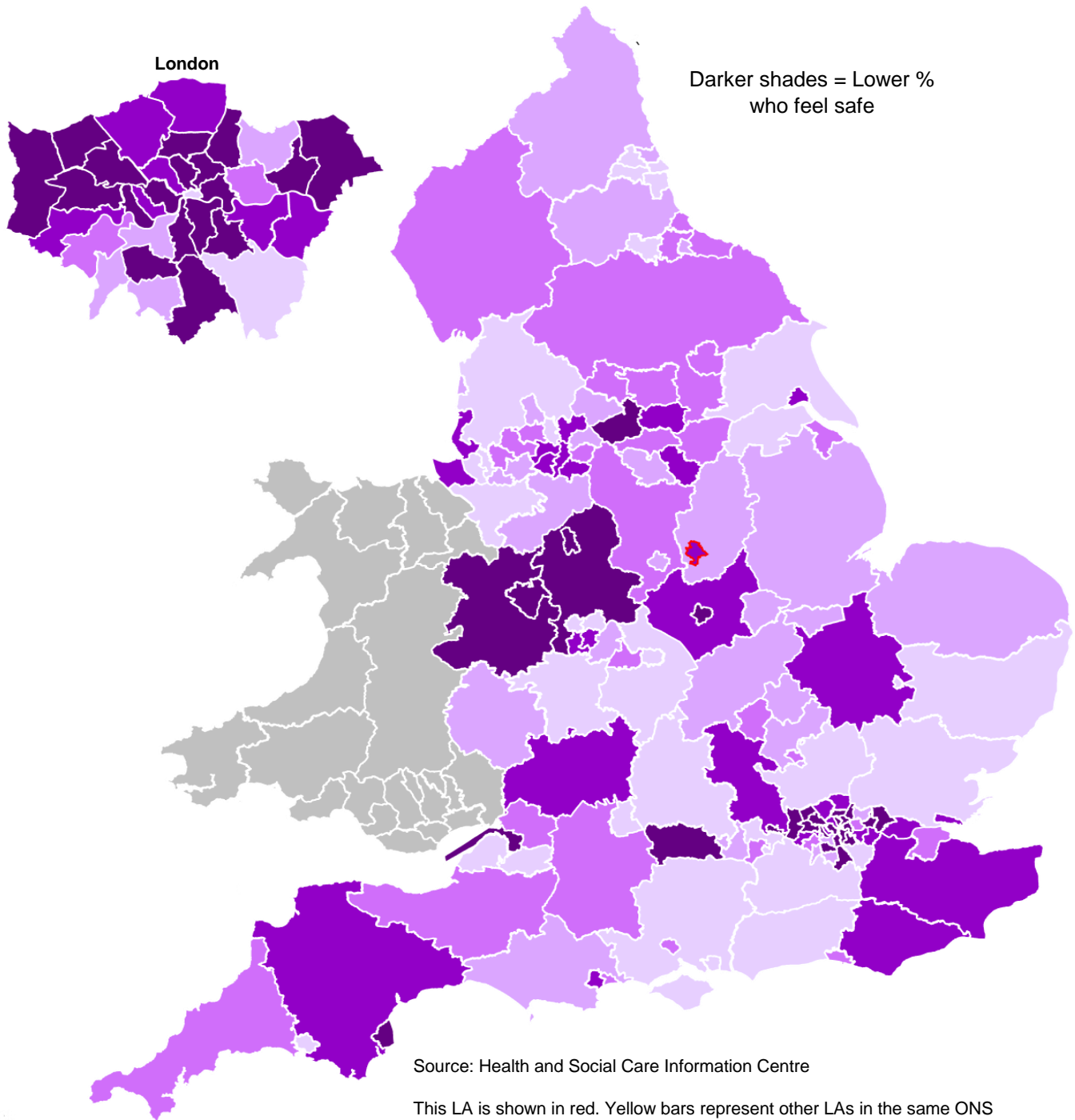


This LA is shown in red. Yellow bars represent other LAs in the same ONS Cluster as this LA. Horizontal lines are the England and cluster averages.

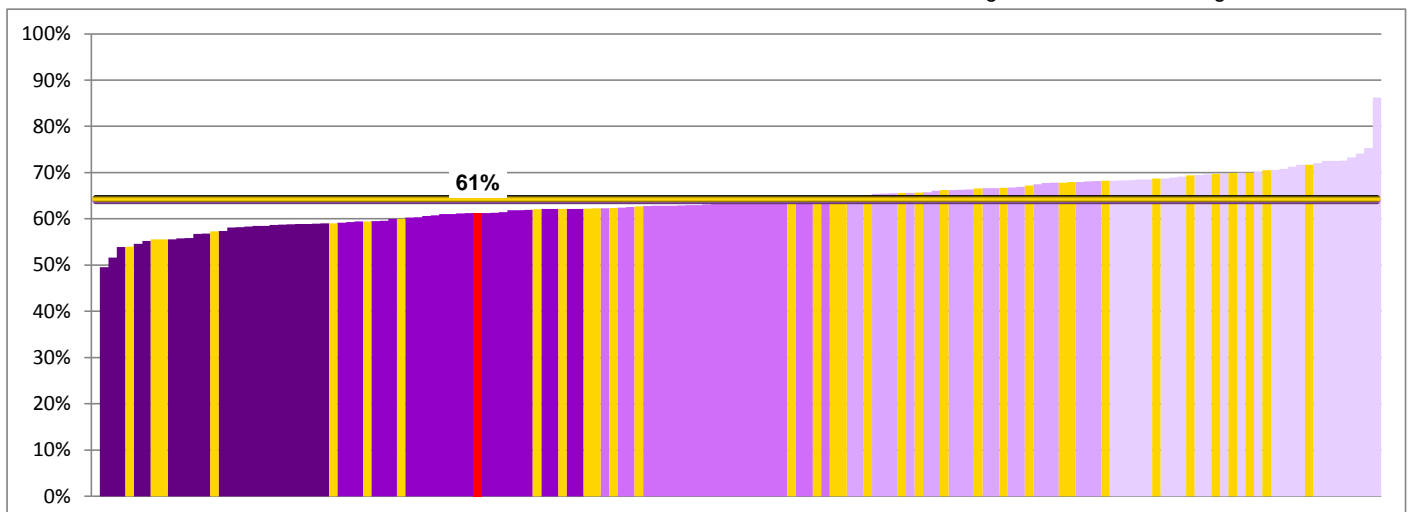


# Adult Social Care OF 4A Proportion of people who use services who feel safe

% of people who say they "feel as safe as they want"



This LA is shown in red. Yellow bars represent other LAs in the same ONS Cluster as this LA. Horizontal lines are the England and cluster averages.



## **SECTION 5**

**Main CCGs for this LA's residents**

## CCGs of GP Practice registration for this LA's residents

CCGs (ordered by number of residents in this LA)	Number of People
NHS Nottingham City CCG	311,669
NHS Nottingham North & East CCG	6,528
NHS Nottingham West CCG	5,695
NHS Rushcliffe CCG	4,492
Unknown (Special lists)	406
NHS Erewash CCG	69
NHS Mansfield & Ashfield CCG	18
NHS Southern Derbyshire CCG	5
NHS Newark & Sherwood CCG	4
NHS West Leicestershire CCG	1
Others	0
<b>Total</b>	<b>328,886</b>

The first table shows the CCG(s) that this LA's residents are registered with.

The tables below then show which other LAs these CCGs' registered patients live in. (Up to 4 CCGs are shown.)

NHS Nottingham City CCG	No. of People	NHS Nottingham North & East CCG	No. of People	NHS Nottingham West CCG	No. of People
Nottingham	311,669	Nottinghamshire	138,094	Nottinghamshire	83,059
Nottinghamshire	36,016	Nottingham	6,528	Nottingham	5,695
Derbyshire	59	Derbyshire	264	Derbyshire	4,763
Leicestershire	1			Derby	4
Derby	1				
Other	0	Other	0	Other	0
<b>Total</b>	<b>347,746</b>	<b>Total</b>	<b>144,886</b>	<b>Total</b>	<b>93,521</b>

Source: Attribution Data Set, April 2012

## Sources and references

**Populations** Source: ONS. Data are from the 2011 census.

**Deprivation** Source: Indices of Multiple Deprivation. Data are from the 2010 Index. The centroid of residential postcodes within each LSOA are shaded.

**NHS 1a** Source: Health and Social Care Information Centre. Data are 2010. Directly age standardised rates per 100,000 population.

**NHS 1bi, 1bii** Source: Health and Social Care Information Centre. Data are 2008-10 combined.

**NHS 2** Source: GP Patient Survey. Data are July 2011 - March 2012. This indicator is **not** standardised for age/sex but survey responses are weighted for non-response. Based on LA of residence of survey respondents.

**NHS 3a** Source: Health and Social Care Information Centre. Data are 2011/12. Indirectly age/sex standardised rate.

**NHS 3b** Source: Health and Social Care Information Centre. Data are 2010/11. Percentage indirectly standardised for age, sex, method of admission and diagnosis/procedure; admissions for cancer/obstetrics are excluded.

**NHS 4ai, 4aii, 4aiii** Source: GP Patient Survey; interim analysis by Commissioning Board analysis team. Data for 4ai and 4aaii are July 2011 - March 2012; 4aiii is July - September 2011. This indicator is **not** standardised for age/sex but survey responses are weighted for non-response. Based on LA of residence of survey respondents.

**NHS 4b** Source: Inpatient Survey / Health and Social Care Information Centre. Data are 2011. Composite indicator of 5 domains in the survey.

**PH 0.1i, 0.1ii** Source: ONS. DLFE data are 2007-9 and life expectancy data are 2008-10. Unweighted average of published figures for males and females. 0.1i is a proxy indicator as data using the final methodology for this indicator is not yet available.

**PH 0.2iii** Source: London Health Observatory. Data are 2006-10. Average of published figures for males and females. This is a proxy indicator as data using the final methodology for this indicator is not yet available.

**SC 1A** Source: Health and Social Care Information Centre. Data are 2011/12. Survey responses are weighted for non-response.

**SC 2A** Source: Health and Social Care Information Centre. Data are 2011/12.

**SC 3A** Source: Health and Social Care Information Centre. Data are 2011/12. Survey responses are weighted for non-response.

**SC 4A** Source: Health and Social Care Information Centre. Data are 2011/12. Survey responses are weighted for non-response.

**Main CCGs** Source: Attribution Data Set. Data are for April 2012.

## Additional Resources

Information Centre Indicator Portal	<a href="http://indicators.ic.nhs.uk">http://indicators.ic.nhs.uk</a>
PH Outcomes Framework Tool	<a href="http://www.phoutcomes.info">http://www.phoutcomes.info</a>
National General Practice Profiles	<a href="http://www.apho.org.uk/PRACPROF">http://www.apho.org.uk/PRACPROF</a>
Spend and Outcomes Tool (SPOT)	<a href="http://www.yhpho.org.uk/spot">http://www.yhpho.org.uk/spot</a>
Quality and Outcomes Framework database	<a href="http://www.qof.ic.nhs.uk">http://www.qof.ic.nhs.uk</a>
LA Health Profiles	<a href="http://www.apho.org.uk/default.aspx?QN=p_health_profiles">http://www.apho.org.uk/default.aspx?QN=p_health_profiles</a>
Health Investment Network	<a href="http://www.networks.nhs.uk/nhs-networks/health-investment-network">http://www.networks.nhs.uk/nhs-networks/health-investment-network</a>
NHS Comparators	<a href="http://www.nhscomparators.nhs.uk">http://www.nhscomparators.nhs.uk</a>