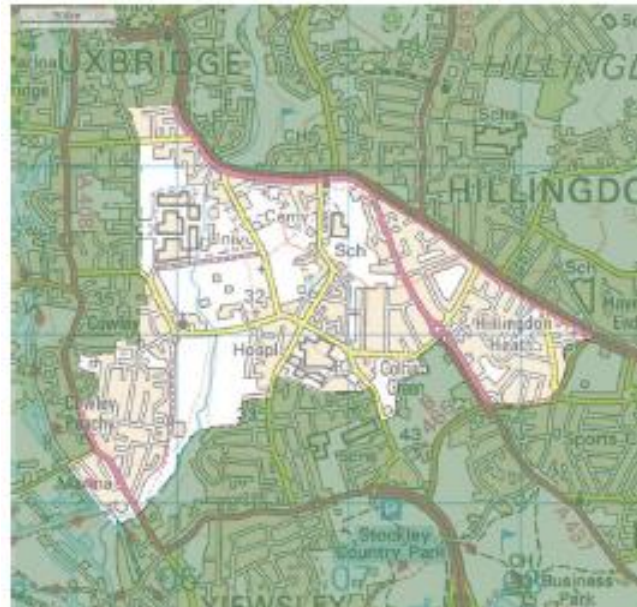




HILLINGDON  
LONDON

# Brunel Ward Profile

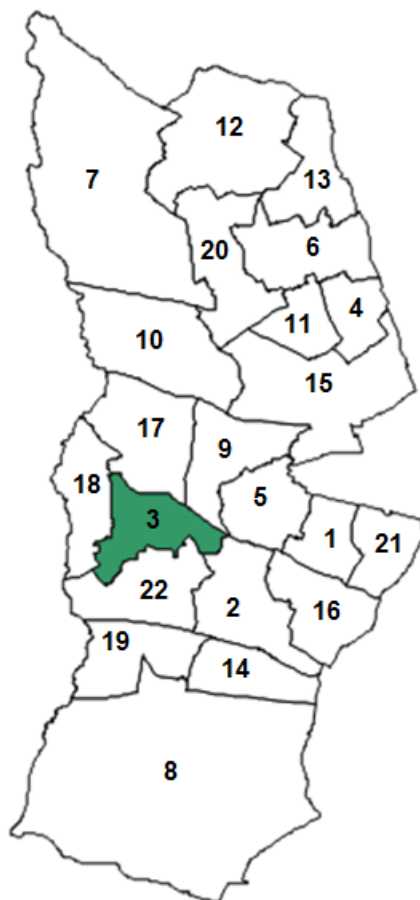


**Business Performance Team  
Residents Services**

January 2019

## Hillingdon at a glance, 2017

- **Population** – comparing the 2011 Census figures with those with GLA Interim 2015-based population projections, the borough's population in 2017 has increased by approximately 10.9% (from 273,936 to 303,870); by comparison London's population has increased by 8.5%. Over half of Hillingdon's 44.6 square miles is a mosaic of countryside including canals, rivers, parks and woodland. Hillingdon has an average of 25.9 people per hectare; this is the third lowest population density among London boroughs.
- **Gender** – 152,246 of borough residents are male and 151,624 are female.
- **Age** – 21.7% of the borough population is under 16, 6.1% over 75 and 72.1% aged 16-74 (this is defined as working age).
- **Ethnicity** - Hillingdon's White British population decreased from 73% in the 2001 Census to 52% in the 2011 Census; Hillingdon's BAME population increased from 27% to 48% in the same period. Current data (from the Greater London Authority 2015 Round Trend-based Ethnic Group Population Projections) shows that Hillingdon's White British population in 2017 is 43% and the BAME population is 57%.
- **Religion**<sup>1</sup> - the predominant religions in the borough at 2011 are Christian – 134,813 (49.2%), Muslim – 29,065 (10.6%), Hindu – 22,033 (8%) and Sikh – 18,230 (6.7%), we also have a large percentage of residents stating 'no religion' – 46,492 (17%) and other – 23,303 (8.5%).



1. Barnhill
2. Botwell
3. **Brunel**
4. Cavendish
5. Charville
6. Eastcote and East Ruislip
7. Harefield
8. Heathrow Villages
9. Hillingdon East
10. Ickenham
11. Manor
12. Northwood
13. Northwood Hills
14. Pinkwell
15. South Ruislip
16. Townfield
17. Uxbridge North
18. Uxbridge South
19. West Drayton
20. West Ruislip
21. Yeading
22. Yiewsley

<sup>1</sup> Religion statistics are based on Census 2011 data (latest data)

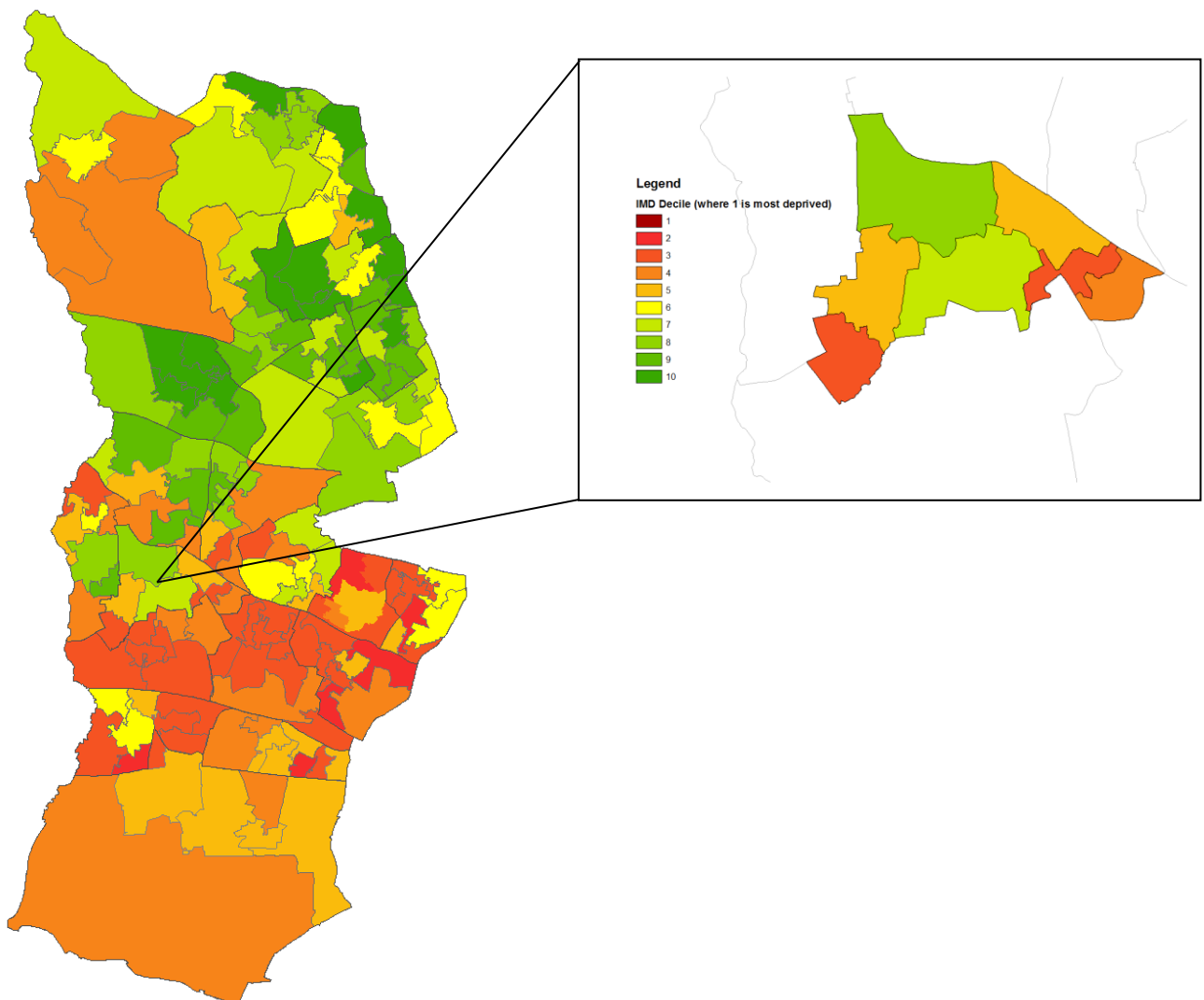
## Brunel Ward

Brunel lies in the West of Hillingdon and is bordered by Uxbridge South, Uxbridge North, Hillingdon East, Botwell and Yiewsley.

In 2017<sup>2</sup>, Brunel's **population** is 14,375 residents, an increase of 3.9% since 2011 Census (13,841); this is below the 10.9% increase for Hillingdon overall. Brunel is made up of 327.7 hectares (3.3 km<sup>sq</sup>), with 43.9 people per hectare (4,387 per km<sup>sq</sup>). The average number of people per household in Brunel is 2.4<sup>3</sup>.

## Deprivation

The 2015 Indices of Multiple Deprivation (IMD) calculates local measures of deprivation and indicates where each small area is ranked in relation to the whole of England. The map below shows patterns of deprivation within Brunel, which is made up of seven LSOA areas<sup>4</sup>.

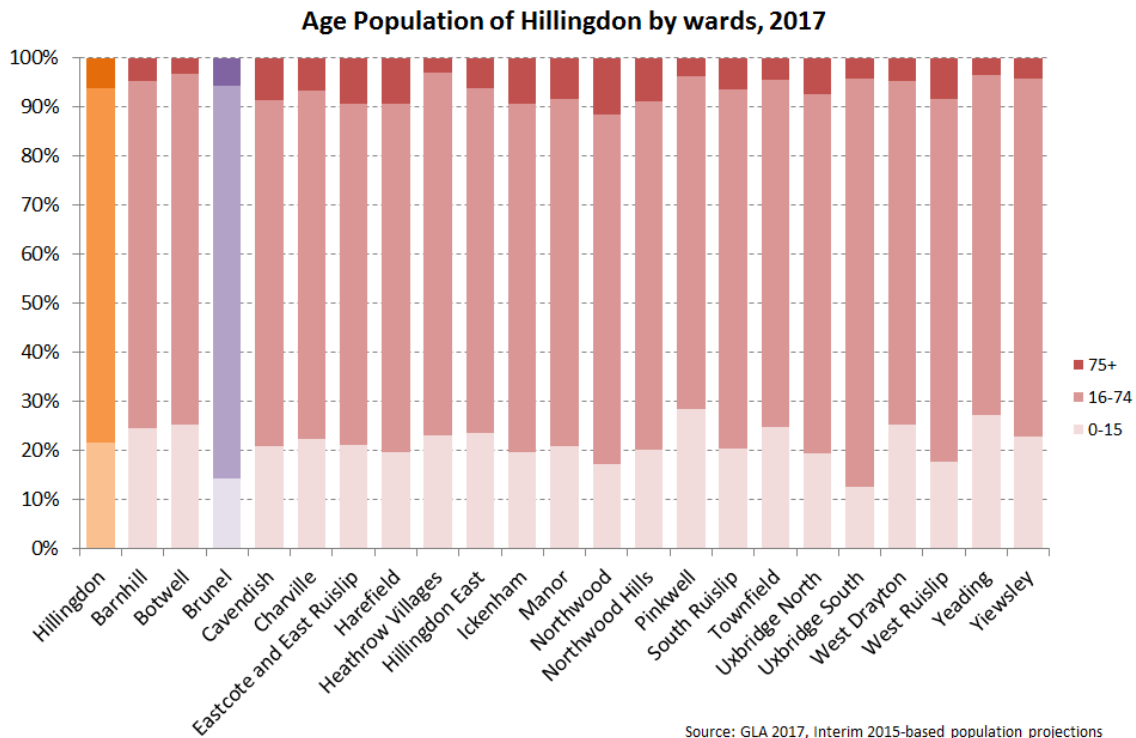


<sup>2</sup> According to GLA Interim 2015-based population projections

<sup>3</sup> People per household statistics are based on 2011 Census data / latest population and ward properties

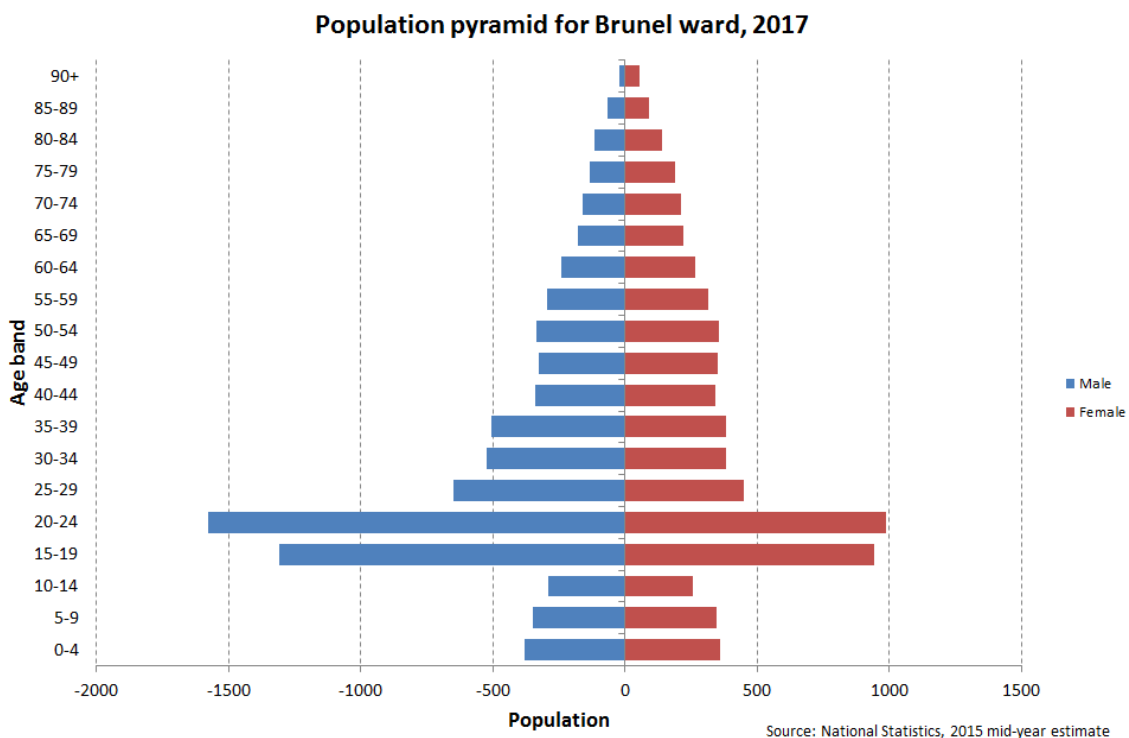
<sup>4</sup> A Lower Layer Super Output Area (LSOA) is a geographic area. Lower Layer Super Output Areas are a geographic hierarchy designed to improve the reporting of small area statistics in England and Wales.

## Ward Population:



The chart above shows that 14.3% of Brunel residents are under the age of 16. Brunel has the second highest proportion of residents in the working age bracket at 80.1% (defined as a resident aged between 16 and 74). The high number of working age residents is due to Brunel University being located in this ward. The remaining 5.7% are over the age of 75.

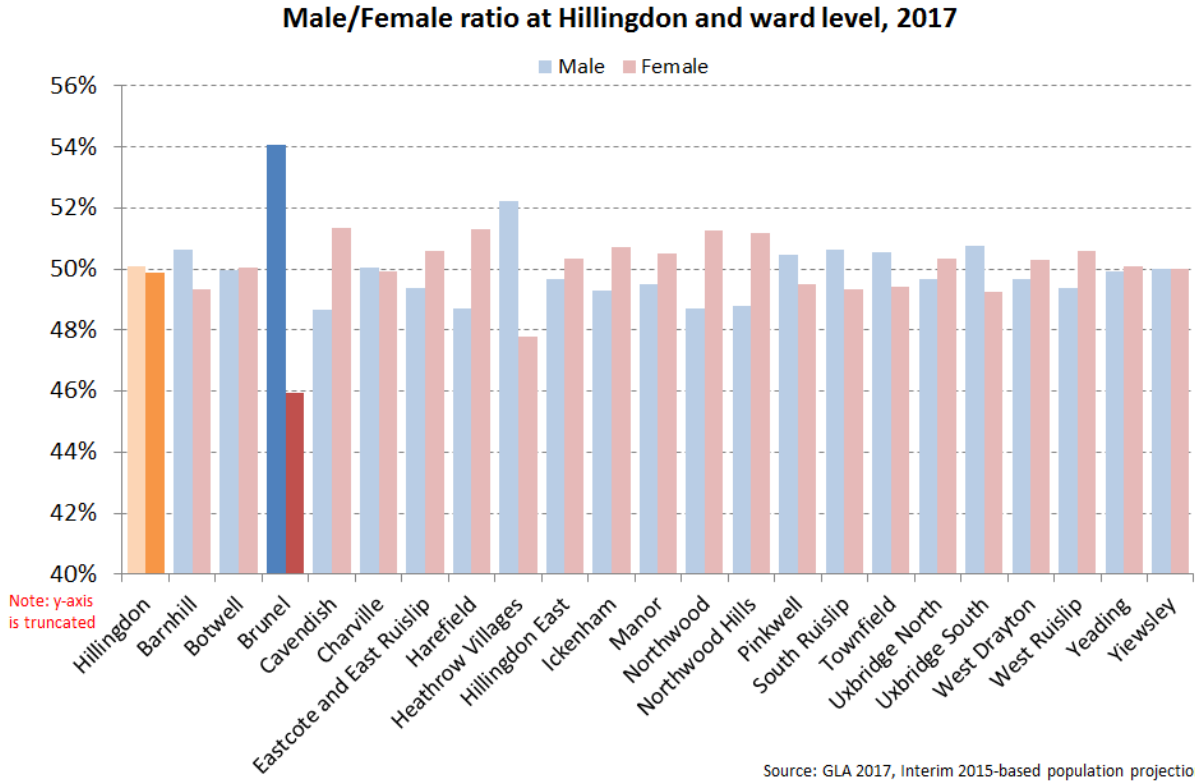
The chart below shows significantly higher number males and females aged 15-24 years in Brunel compared to other age groups.



## Gender

The proportion of men to women in the ward is 54.1% to 45.9%; this is the largest percentage difference in the borough. This is a small change from 2011 when there was a 52.2% to 47.8% male to female ratio in the ward.

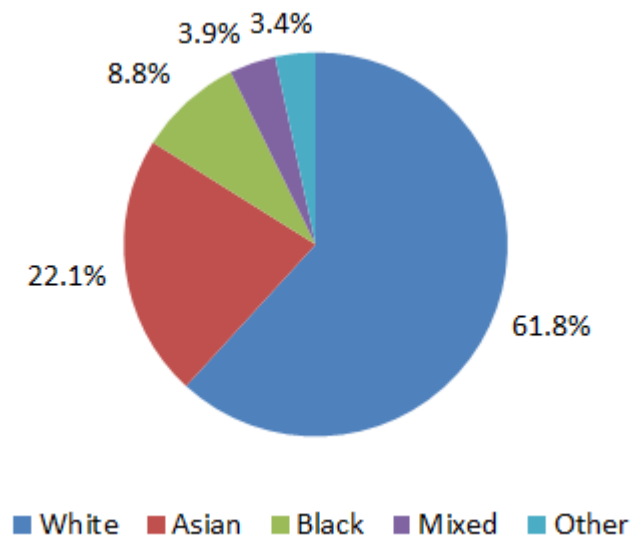
The chart below shows male/female ratios in Hillingdon and ward level:



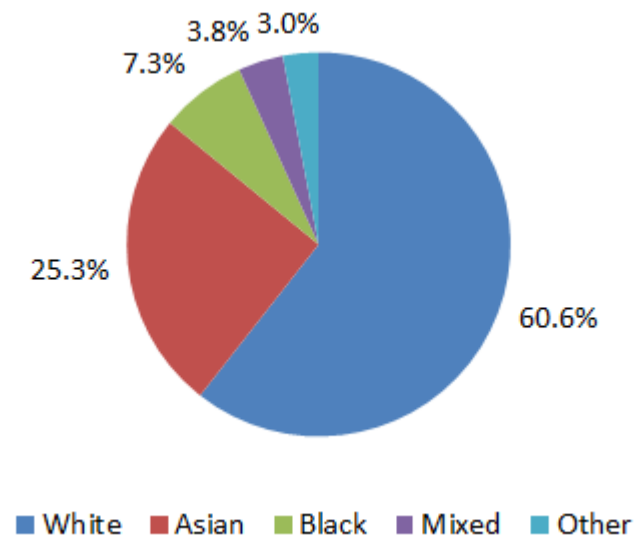
## Ethnic make up 2011<sup>5</sup>

In the 2011 census, 61.8% of residents in the ward identify themselves as White British background (this includes English, Northern Irish, Scottish, Welsh, Irish, Gypsy or Irish Traveller and Other White). 3.9% from Mixed / Multiple Ethnic groups, 22.1% from Asian / Asian British background (including Indian, Pakistani, Bangladeshi and Chinese), 8.8% from Black / African / Caribbean / Black British backgrounds and 3.4% from other ethnic backgrounds (including Arab).

**Brunel, Ethnic makeup 2011:**



**Hillingdon, Ethnic makeup 2011:**



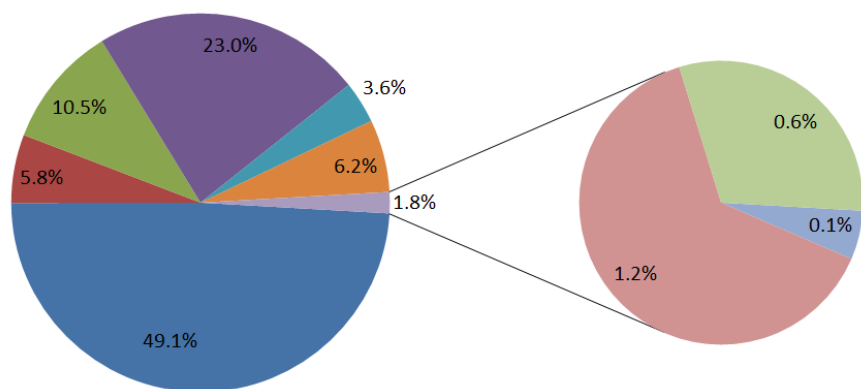
<sup>5</sup> Ethnicity statistics at ward level are based on Census 2011 (latest data)

## Religion<sup>6</sup>

Christianity is the predominant religion in the ward with 49.1% from this faith. 5.8% are Hindu, 10.5% Muslim, 3.6% Sikh with 23.0% having no religion. 6.2% chose not to state a religion (the question was voluntary). According to the 2011 Census figures Brunel has the second highest number of residents stating they have no religion.

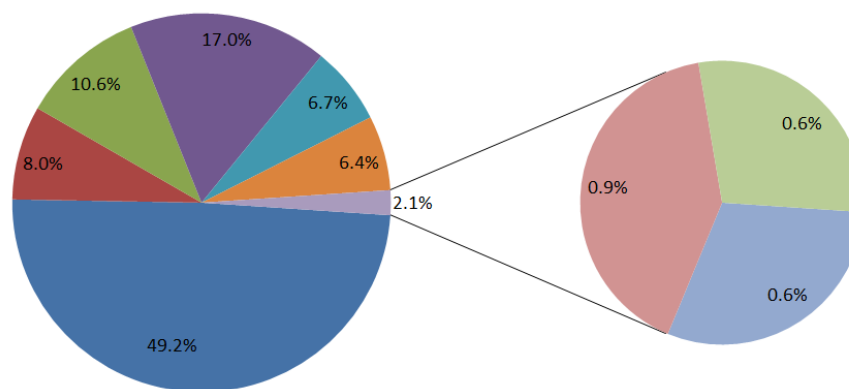
The charts below show the complete breakdown for the ward in comparison to Hillingdon at the time of census 2011:

**Brunel, Religion 2011:**



■ Christian	■ Hindu	■ Muslim
■ No religion	■ Sikh	■ Religion not stated
■ Jewish	■ Buddhist	■ Other religion

**Hillingdon, Religion 2011:**

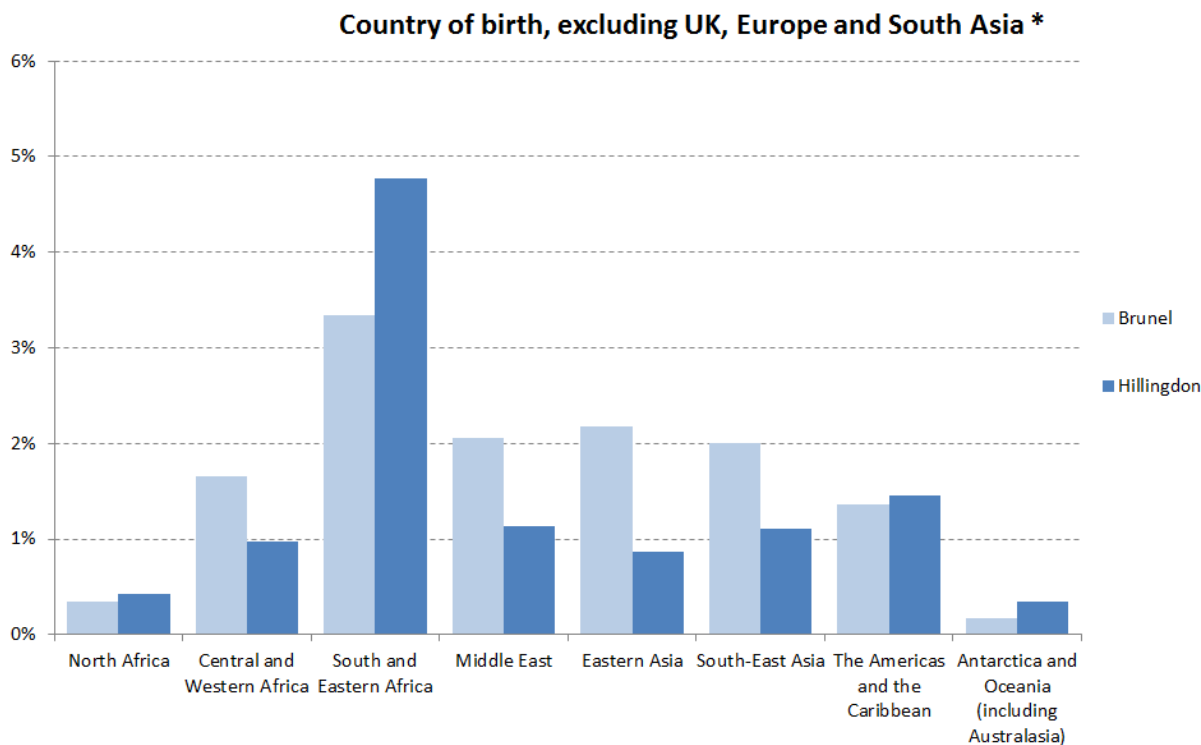


■ Christian	■ Hindu	■ Muslim
■ No religion	■ Sikh	■ Religion not stated
■ Jewish	■ Buddhist	■ Other religion

<sup>6</sup> Religion statistics are based on Census 2011 data (latest data)

## Country of Birth<sup>7</sup>

Of those living in Brunel, 78.3% were **born** in Europe (with 70.7% in the UK), 14.8% in the Middle East / Asia, 5.4% in Africa, and 1.6% in the Americas, Caribbean or Australasia. 29.3% of Brunel ward were **born** outside of the UK (with 70.7% in the UK).



\* Graph does not include Southern Asia due to high percentage: Hillingdon 11.25% and Brunel 8.48%

Source: NOMIS, Country of birth from 2011 Census

Brunel is in line with the borough average in terms of the number of non-UK born residents (29.3% of Brunel residents, 4053). Brunel has the second highest number of residents in the borough stating they were born in China (5% of all Brunel non-UK born residents, 201).

The preferred **language** in the ward is English with 81.9% residents stating this at their main language. Of the remaining 18.1%, the majority speak English 'very well' or 'well', with 335 residents (13.8% of those where English is not their main language) stating they cannot speak English well or at all<sup>8</sup>.

Apart from English the most spoken language in the ward is European with 2.2% (288), followed by Chinese with 1.9% (258).

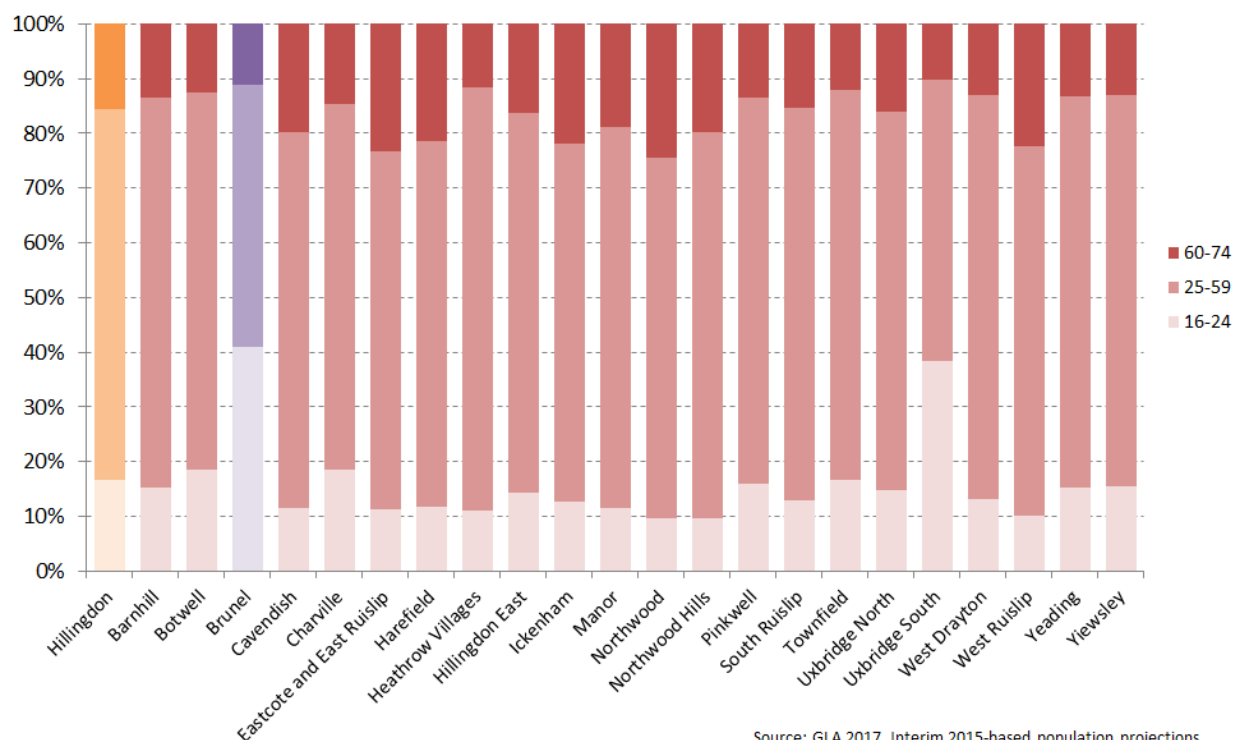
<sup>7</sup> Country of Birth statistics are based on Census 2011 data (latest data at ward level)

<sup>8</sup> Language statistics are based on residents aged 3 and over (for Brunel this is 13,380 residents)



## Working Age Population (ages 16-74):

Working age population by Hillingdon and ward, 2017



Source: GLA 2017, Interim 2015-based population projections

In Brunel, the working age population of those aged 16-24 make up 40.9%, whilst the 25-59 age group make up 47.9% followed by 11.2% from the 60-74 age group.

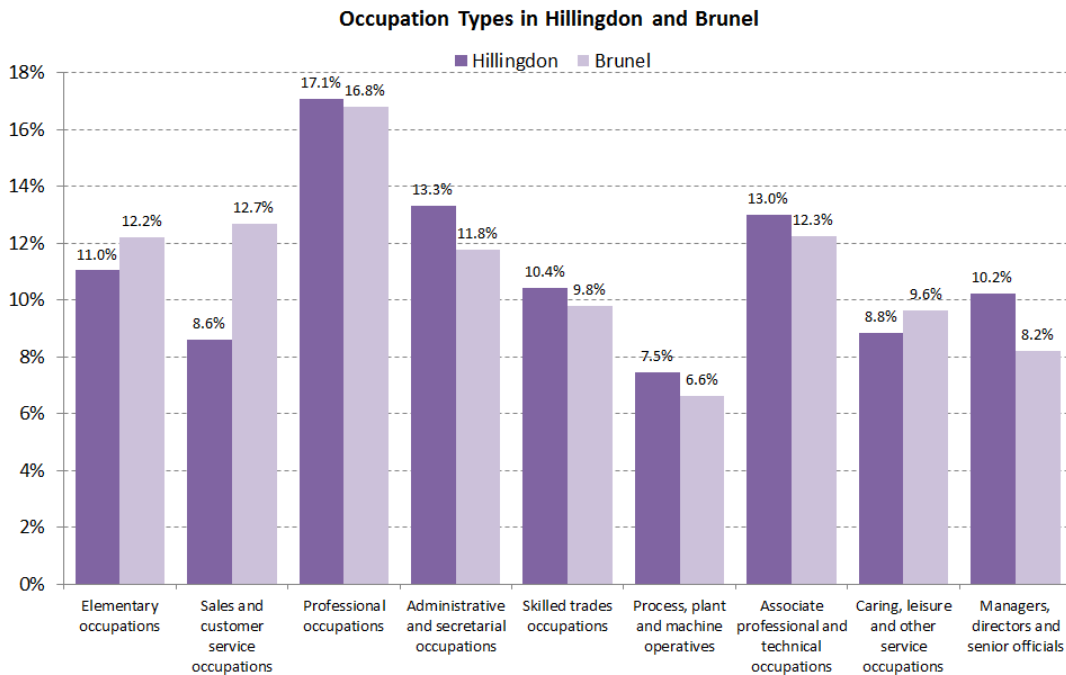
## Economic Data (statistics are for the age 16-74 group)

In Brunel, 62.4% of residents of working age are economically active. The table below provides a breakdown of economic activity in the ward when compared with Hillingdon and England:

Source: nomisweb – economic activity Census 2011

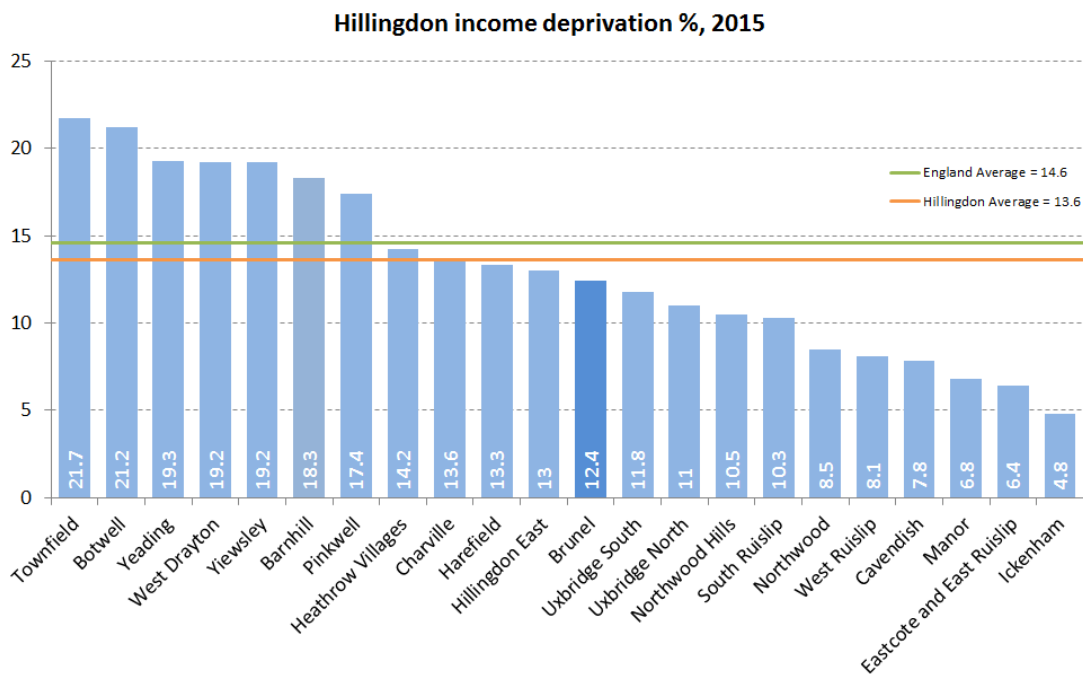
Sub Group	Brunel	Hillingdon	England
Employee: Part-time	8.8%	11.9%	13.7%
Employee: Full-time	31.1%	40.4%	38.6%
Self-employed	6.4%	9.3%	9.8%
Unemployed	3.7%	4.3%	4.4%
Full-time student	12.4%	4.8%	3.4%
<b>Total - Economically active</b>	<b>62.4%</b>	<b>70.8%</b>	<b>69.9%</b>
Retired	7.6%	10.2%	13.7%
Student	22.1%	8.4%	5.8%
Looking after home or family	3.5%	5.2%	4.4%
Long-term sick or disabled	2.7%	2.9%	4.0%
Other	1.8%	2.5%	2.2%
<b>Total - Economically inactive</b>	<b>37.6%</b>	<b>29.2%</b>	<b>30.1%</b>

Of those residents in employment, this chart provides an overview of the **Occupation Types**<sup>9</sup> across Brunel ward:



Source: nomis web, occupation by industry, 2011

The chart below shows income deprivation being varied across Hillingdon. At ward level, the percentage of people who live in income deprived households ranges from 4.8% in Ickenham to 21.7% in Townfield. Brunel is 12.4%, which is similar to the Hillingdon average (13.6%).



Source: PHE local health, 2015

<sup>9</sup> for a breakdown of occupations, refer to the Glossary.

## Households

In 2017, there were 6,036 households<sup>10</sup> in Brunel; an increase of 1,416 since Census 2011. The majority of **housing type**<sup>11</sup> within the ward is houses or bungalows (either detached, semi or terraced) at 70.8%, with 29.2% being flats or maisonettes (including those in a commercial building).

The diagram below shows the percentage of housing types at ward, borough and regional level.

## Household Type



Detached House

Brunel	Hillingdon	London
17.1%	14.5%	6.2%



Semi-Detached House

Brunel	Hillingdon	London
31.9%	36.2%	18.6%



Flat, maisonette or apartment

Brunel	Hillingdon	London
29.2%	26.8%	52.3%



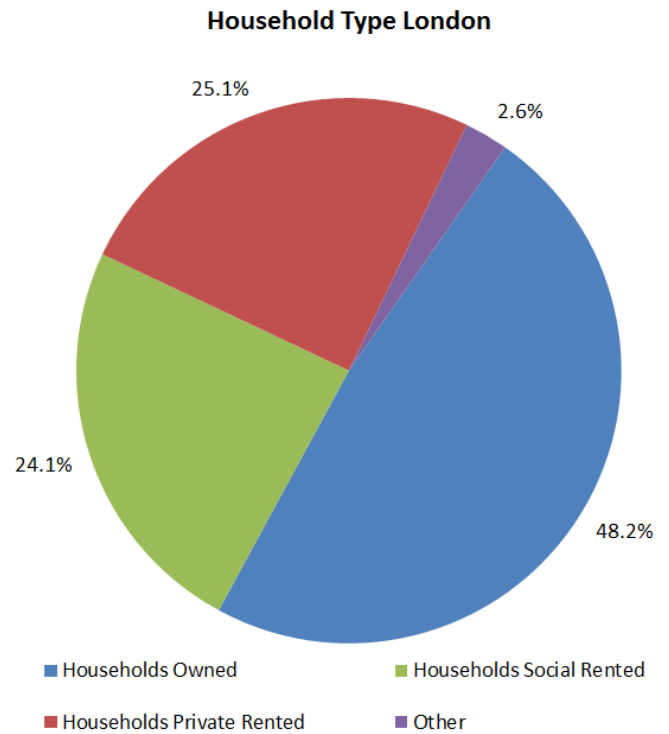
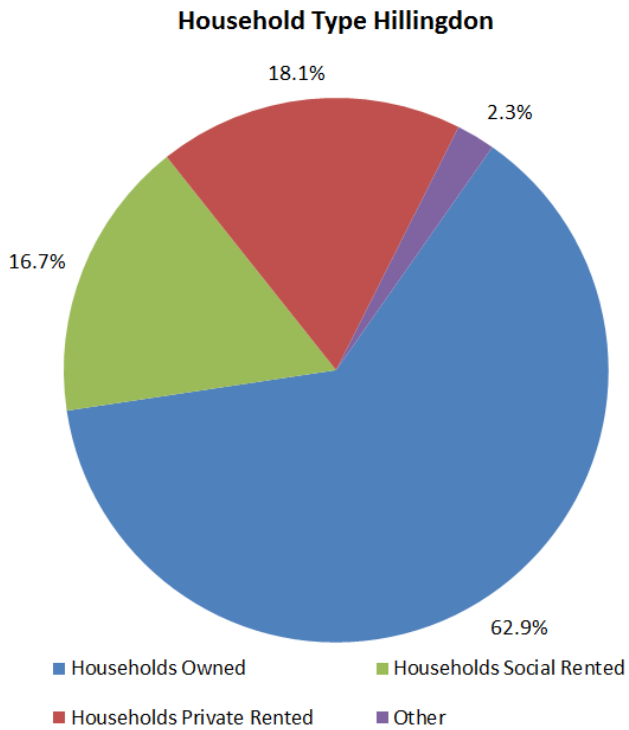
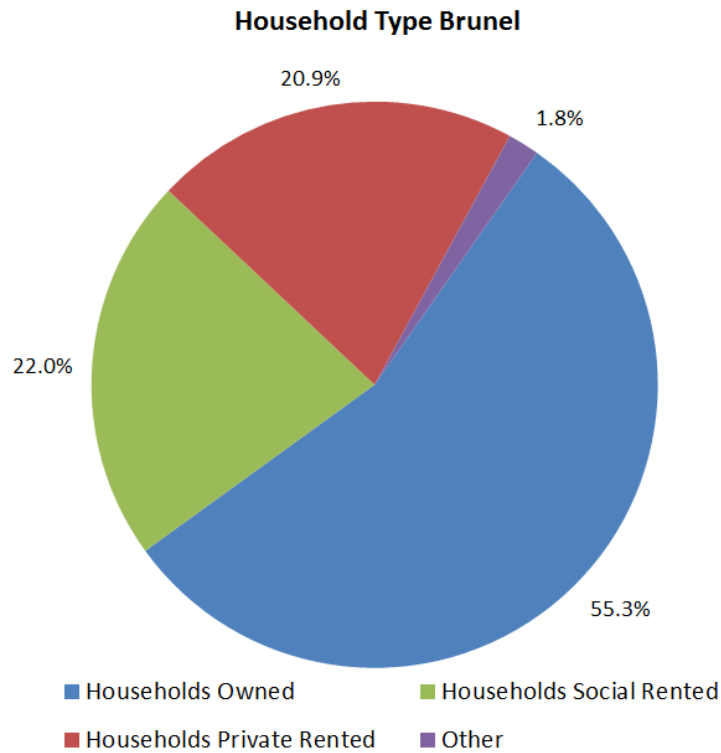
Terraced House

Brunel	Hillingdon	London
21.8%	22.5%	22.9%

<sup>10</sup> Figures taken from the Electoral Register

<sup>11</sup> Household Type statistics are based on Census 2011 data (latest data)

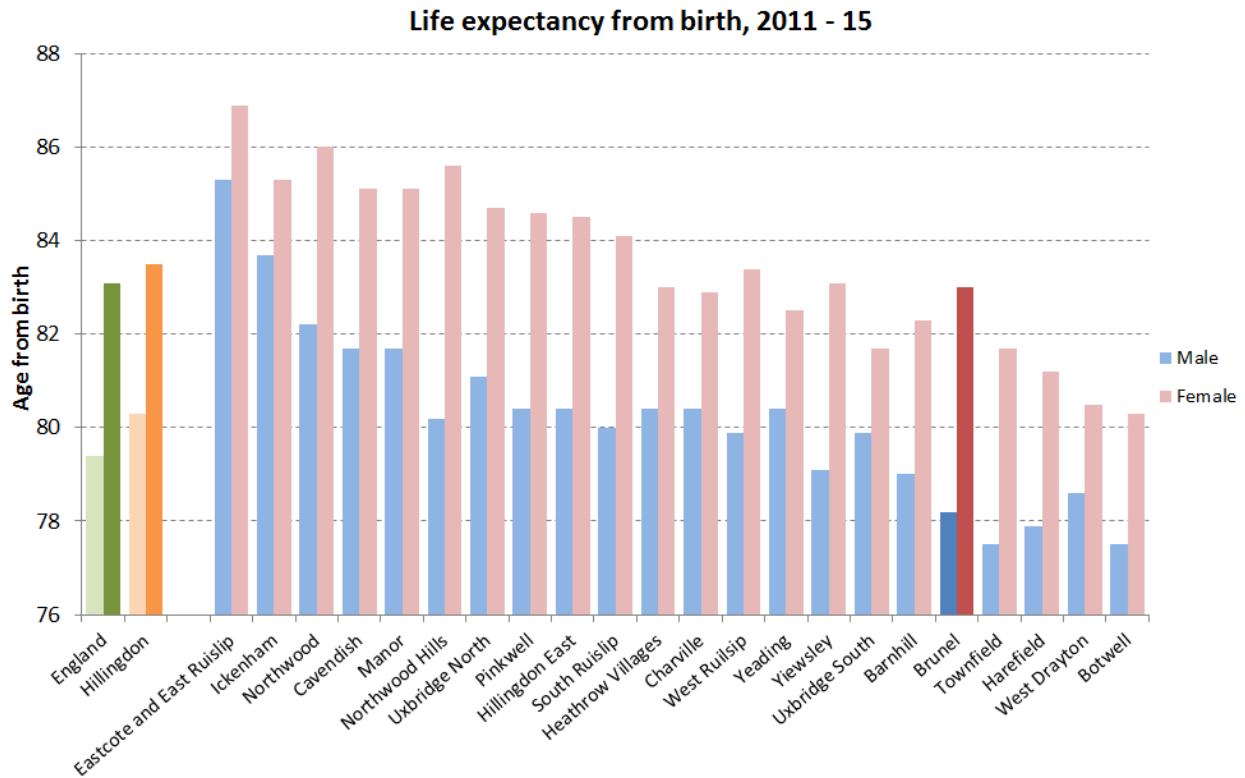
In Brunel, 55.3% of ward residents own their own homes, followed by 20.9% of properties being privately rented, 22.0% socially rented from the Council and the remaining residents make up 1.8% other e.g. shared ownership, living rent free.



Source: Census, 2011

## Health

Life expectancy in the borough assesses the number of years a person is expected to live on average. In Brunel, the life expectancy is estimated at 78.2 years for males and 83 years for females. This is similar to the averages for Hillingdon and England.



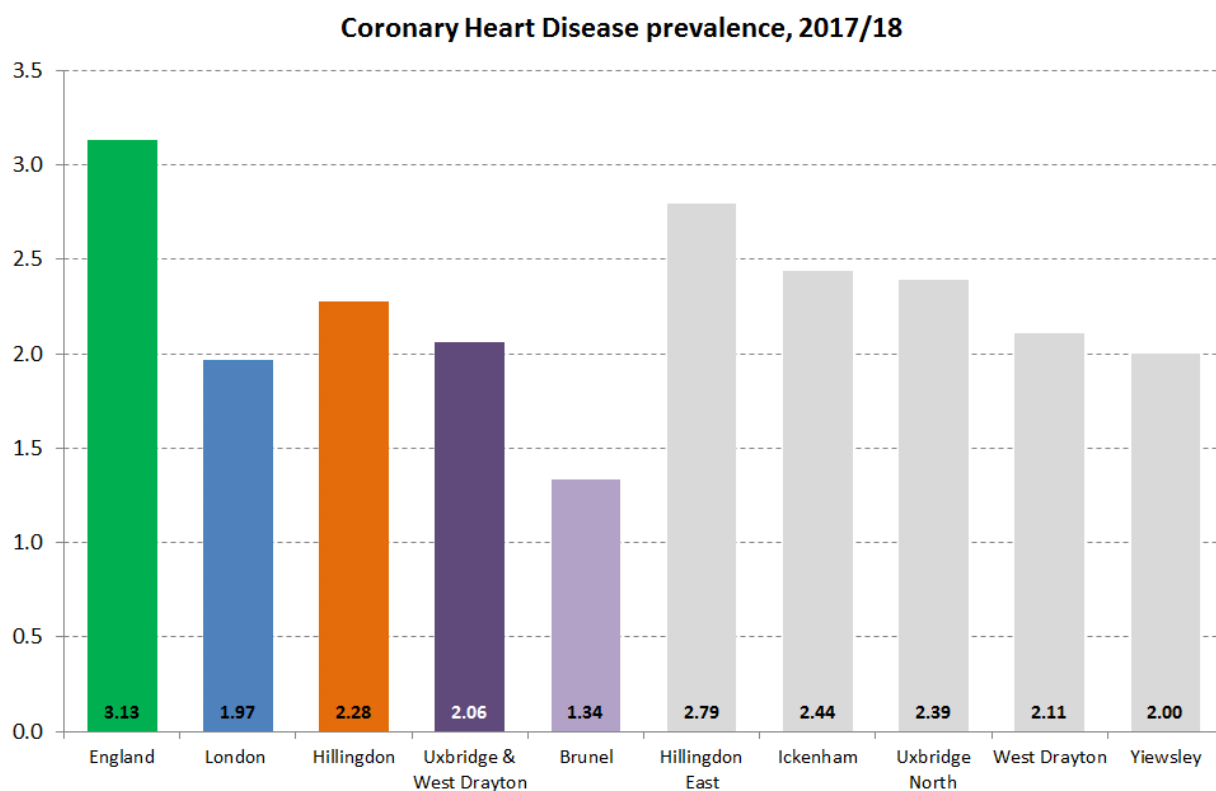
## Observed Prevalence<sup>12</sup>

These graphs show the recorded prevalence of long term conditions from the Quality & Outcomes Framework (QOF) 2017/18, at GP practice level. They show the calculated prevalence of patients on a GP register, recorded as having a given condition. It should be noted that patients registered in this ward do not necessarily live in the ward or the Borough.

The graphs show recorded prevalence at England, London, borough, locality and ward level. Brunel ward contains 4 GP surgeries (Parkview Surgery, Brunel Medical Centre, Church Road Surgery and West London Medical Centre).

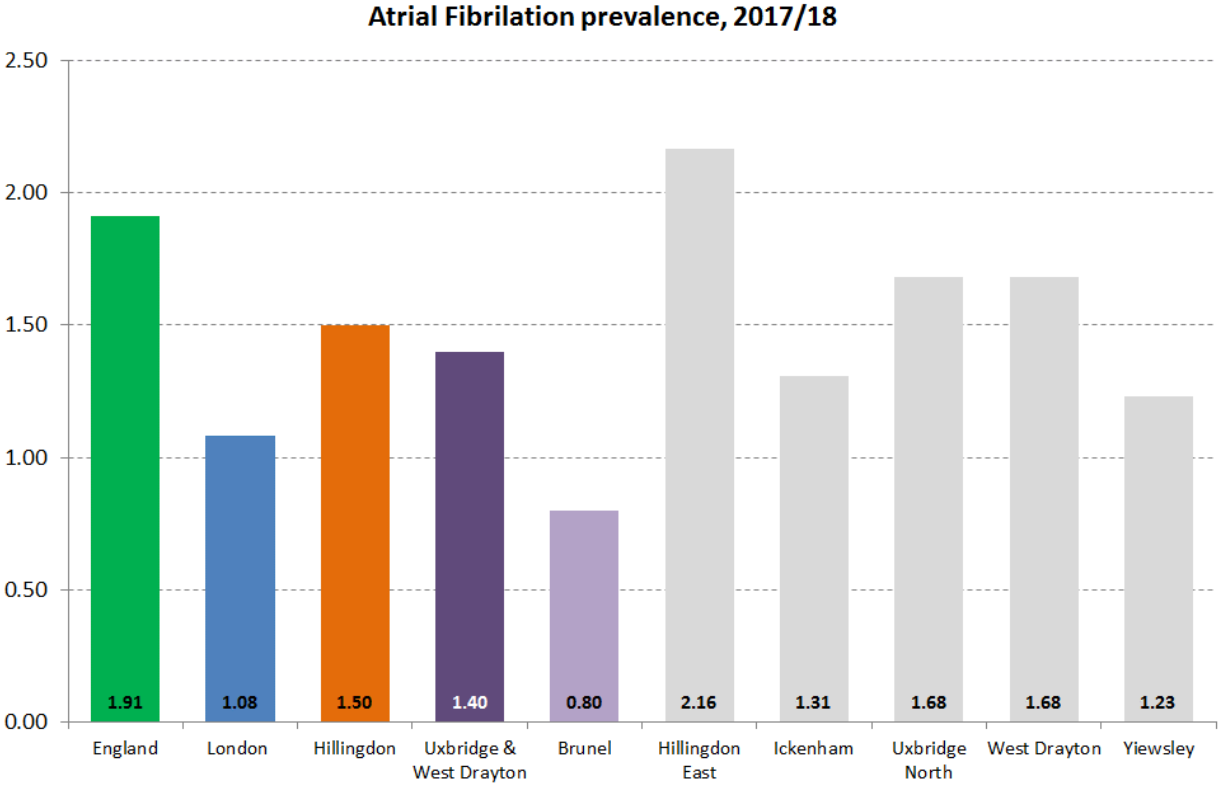
## Cardiovascular conditions

The prevalence of **coronary heart disease** within Brunel is 1.34%; this is lower than England, London, Hillingdon and the locality:

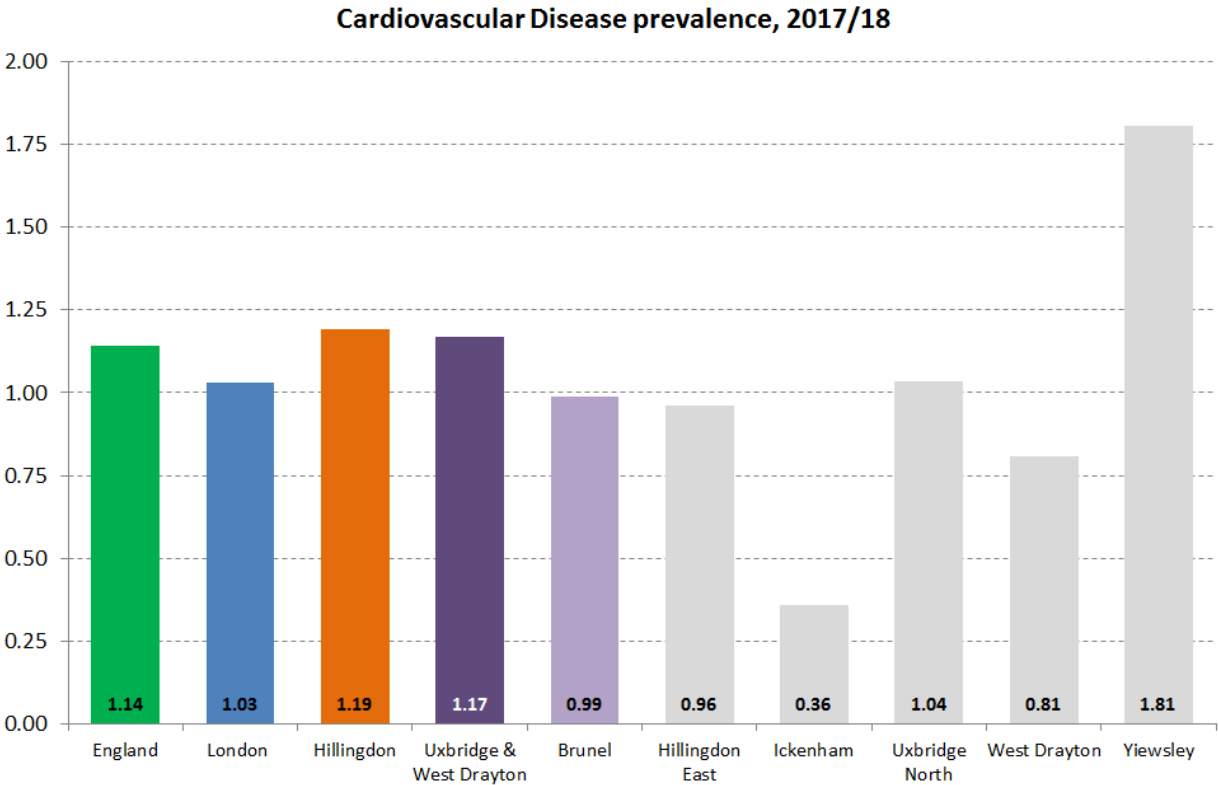


<sup>12</sup> Prevalence is a measurement of all individuals affected by a disease/condition at a particular time

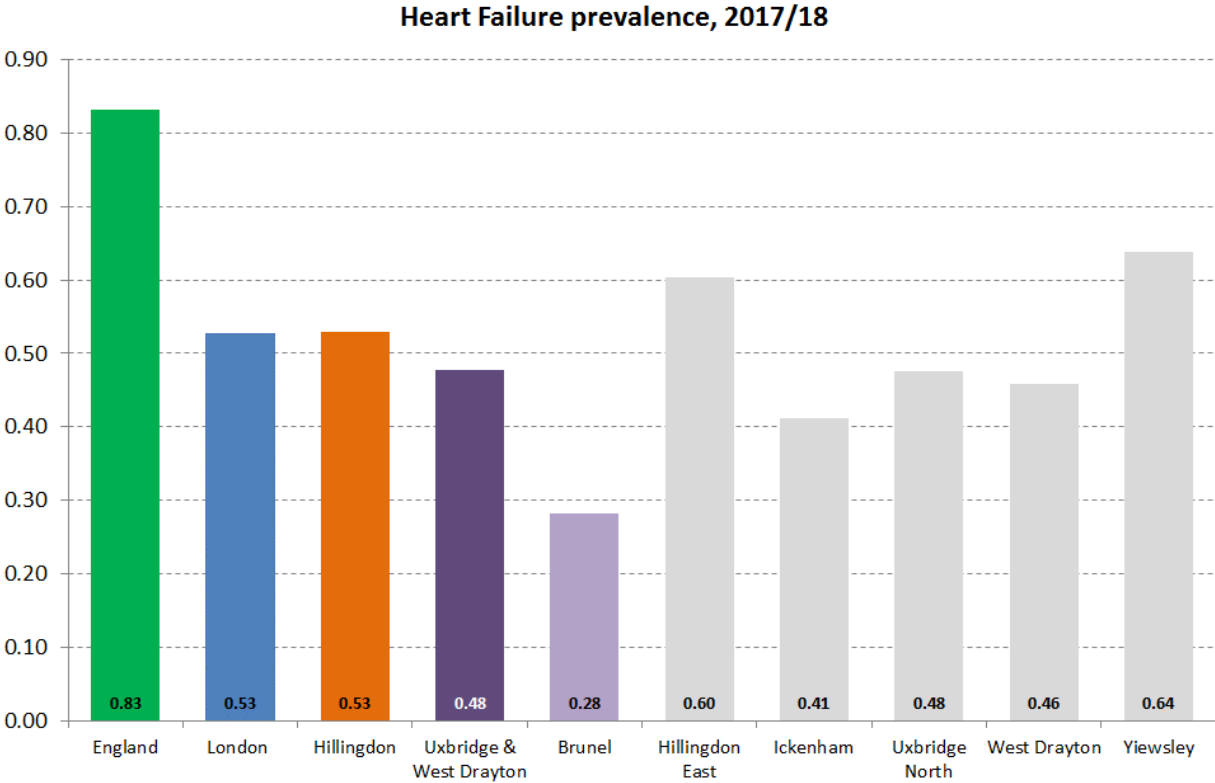
The prevalence of **atrial fibrillation** within Brunel is 0.80%; this is lower than England, London, Hillingdon and the locality:



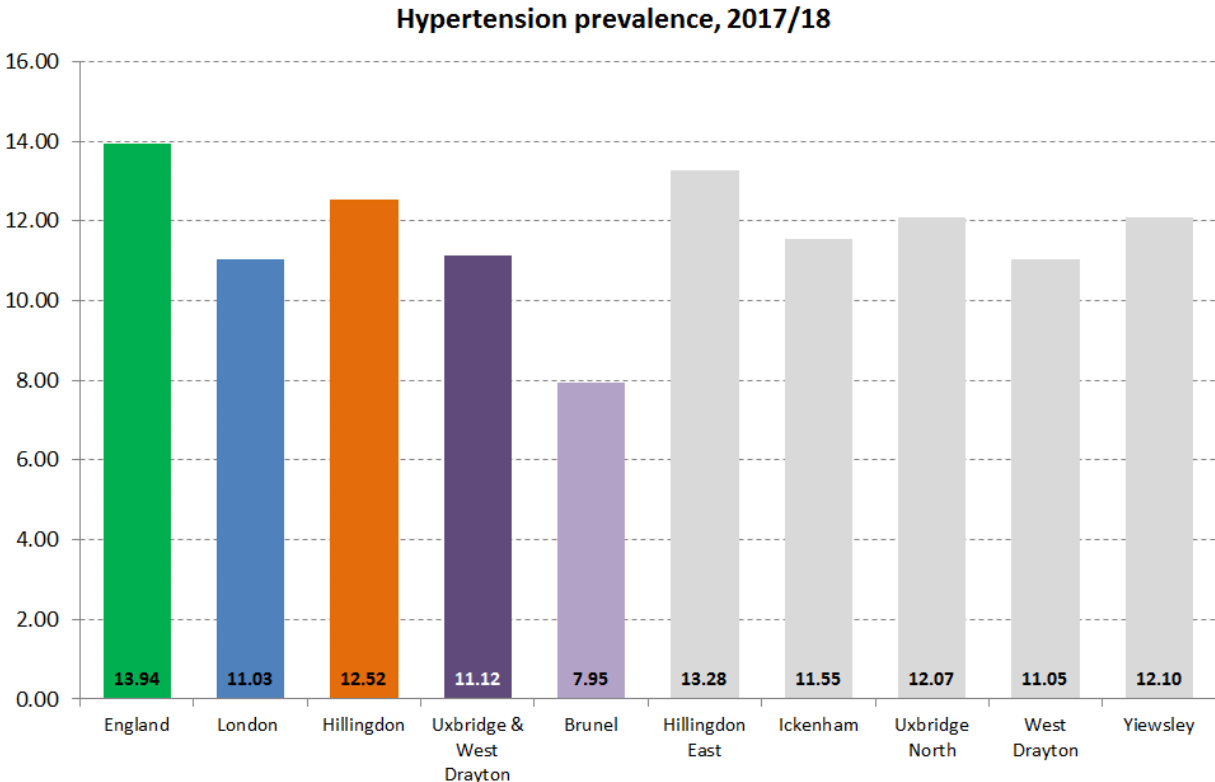
The prevalence of **cardiovascular disease** within Brunel is 0.99%; this is lower than Hillingdon, England, London, and the locality.



The prevalence of **heart failure** within Brunel is 0.28%; this is lower than England, Hillingdon, London and the locality:

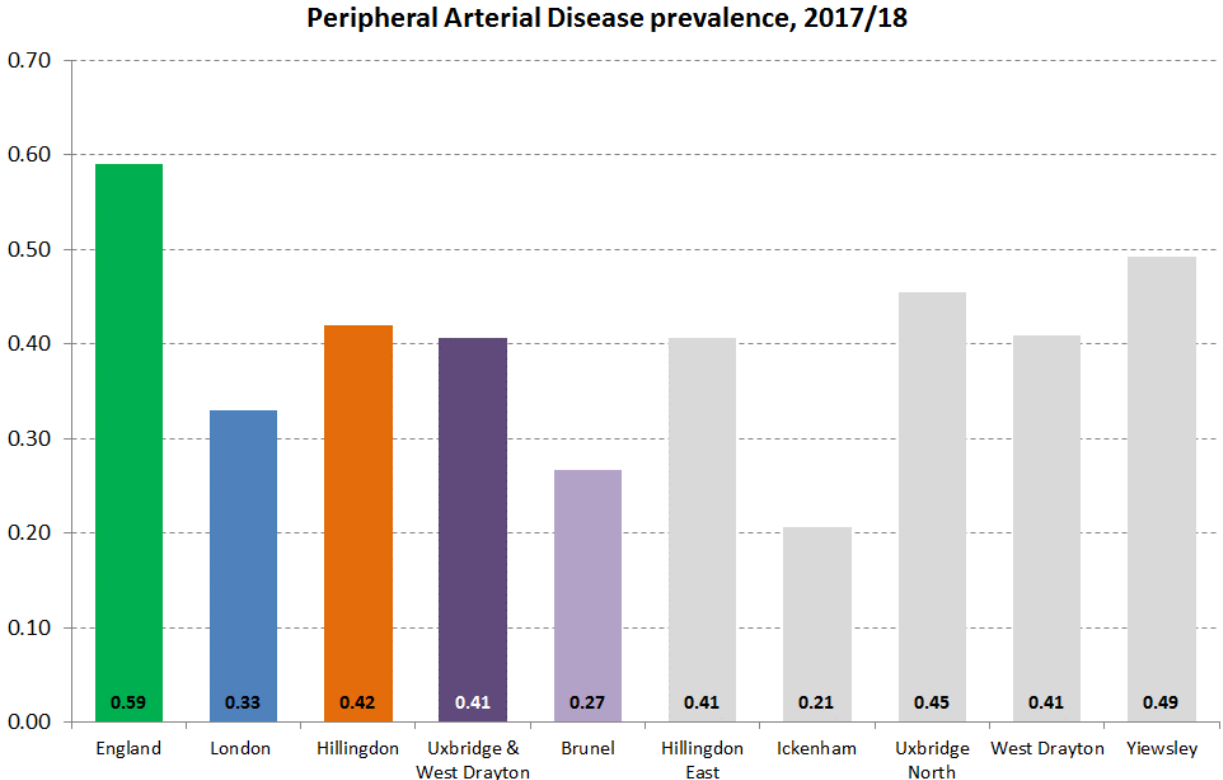


The prevalence of **hypertension** in Brunel is 7.95%, which is lower than England, London, Hillingdon and the locality:

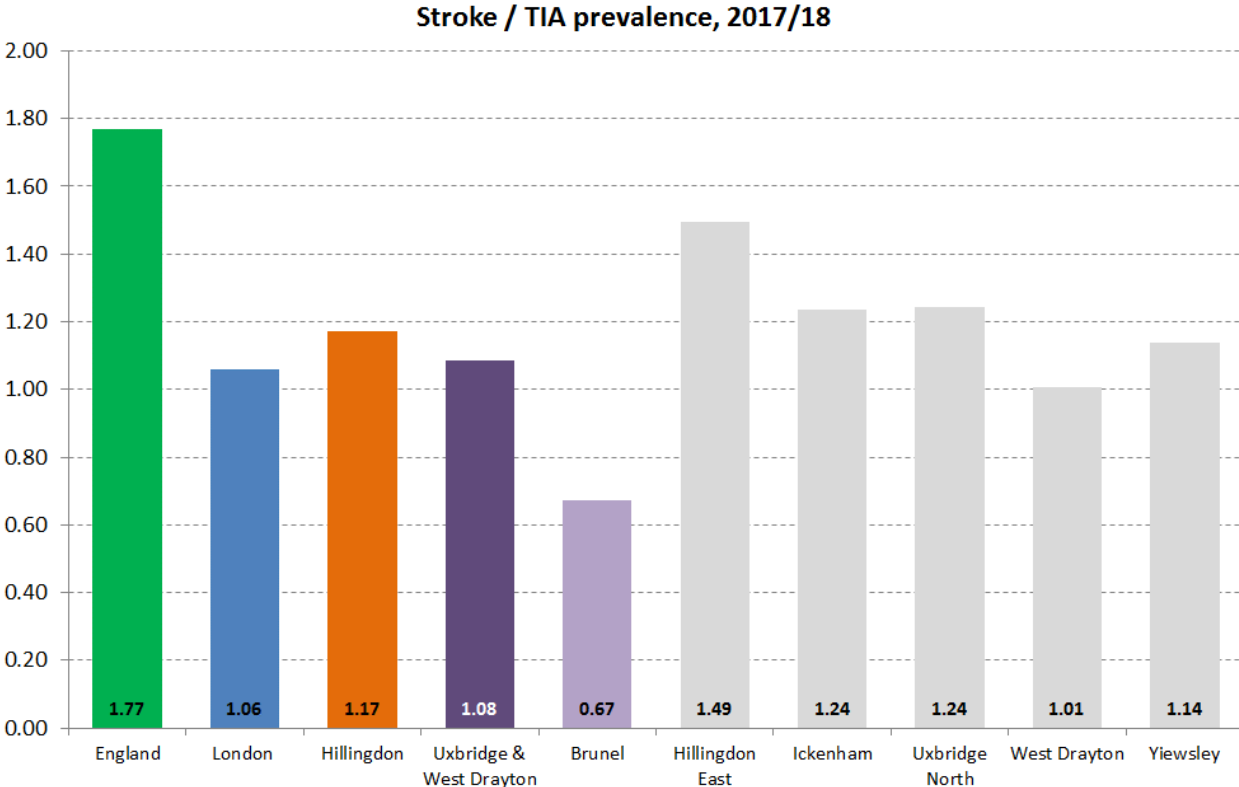




The prevalence of **peripheral arterial disease** in Brunel is 0.27%, which is lower than England, London, Hillingdon and the locality:

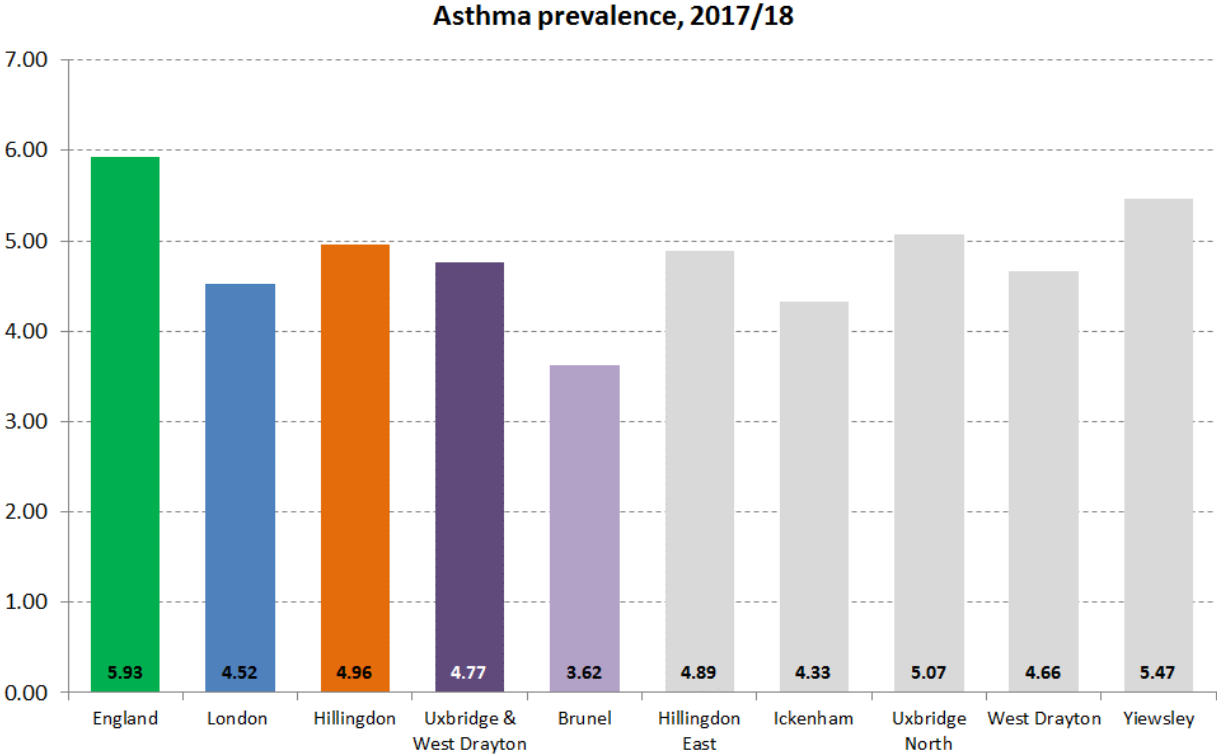


The prevalence of **stroke / transient ischaemic attack (TIA)** is 0.67% which is lower than England, London, Hillingdon and the locality:



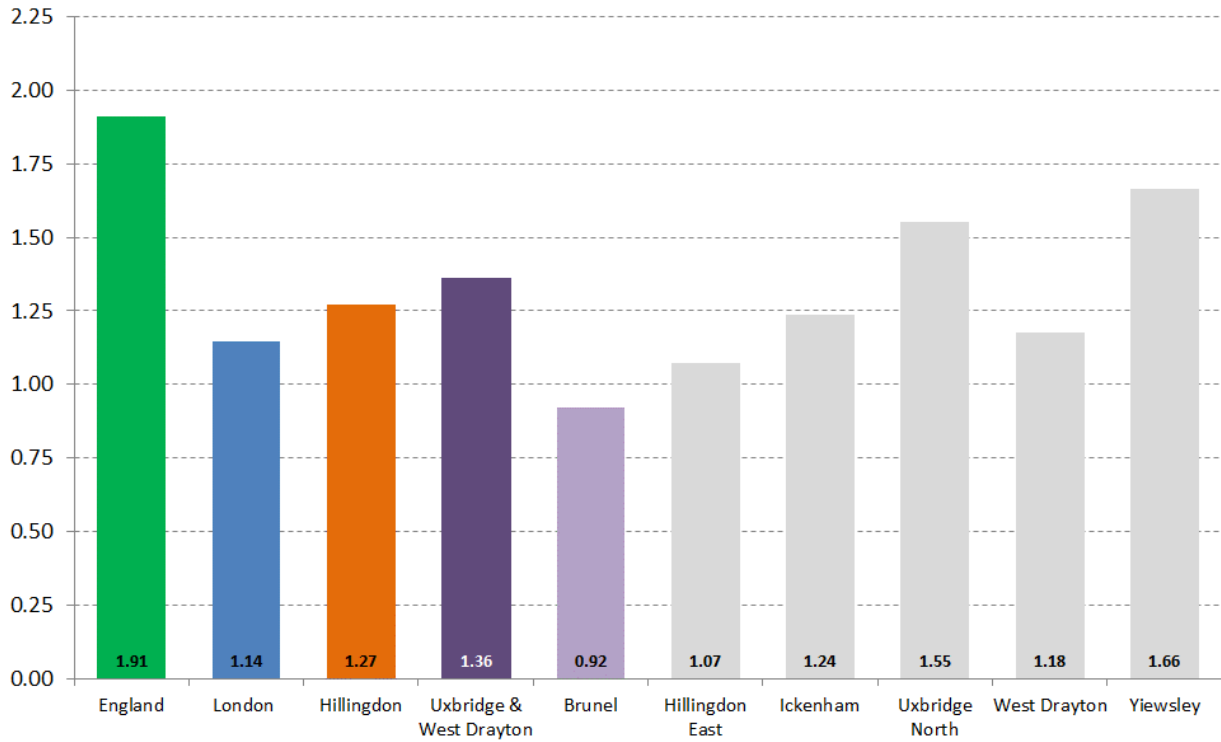
### Respiratory conditions

The prevalence of **asthma** within Brunel is 3.62% which is lower than England, London, Hillingdon and the locality:



The prevalence of **chronic obstructive pulmonary disease (COPD)** within Brunel is 0.92% which is lower than England, London, Hillingdon and the locality:

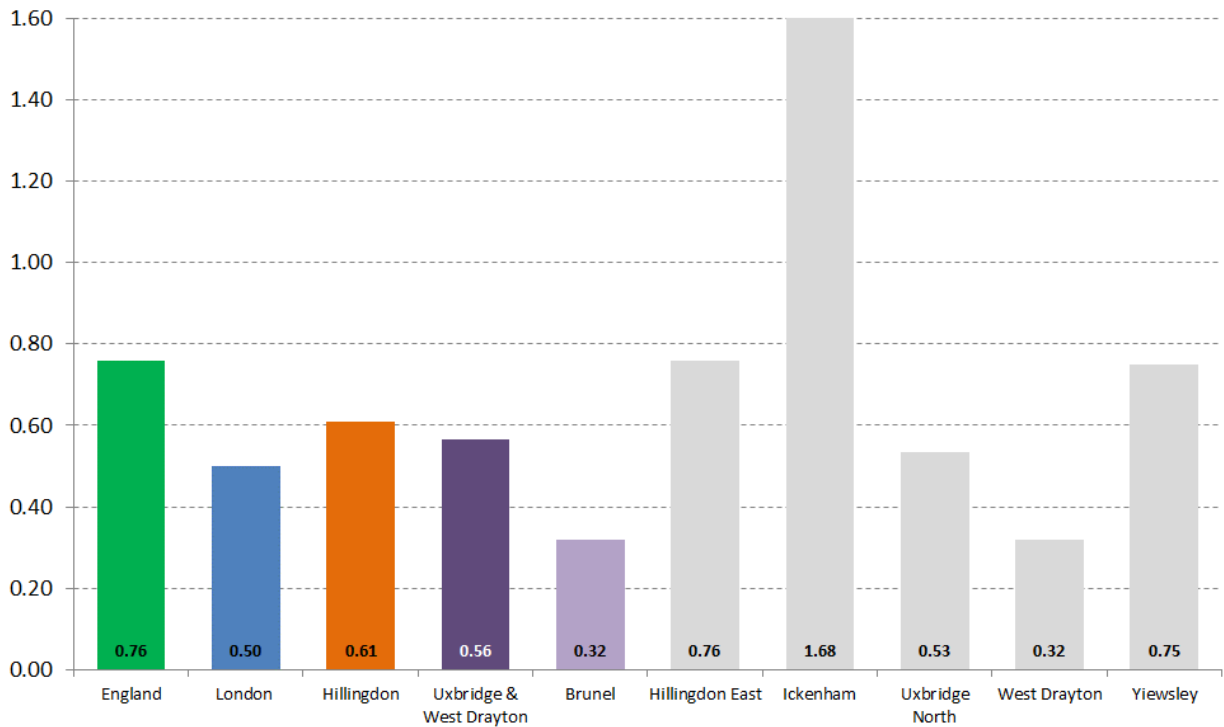
**COPD prevalence, 2017/18**



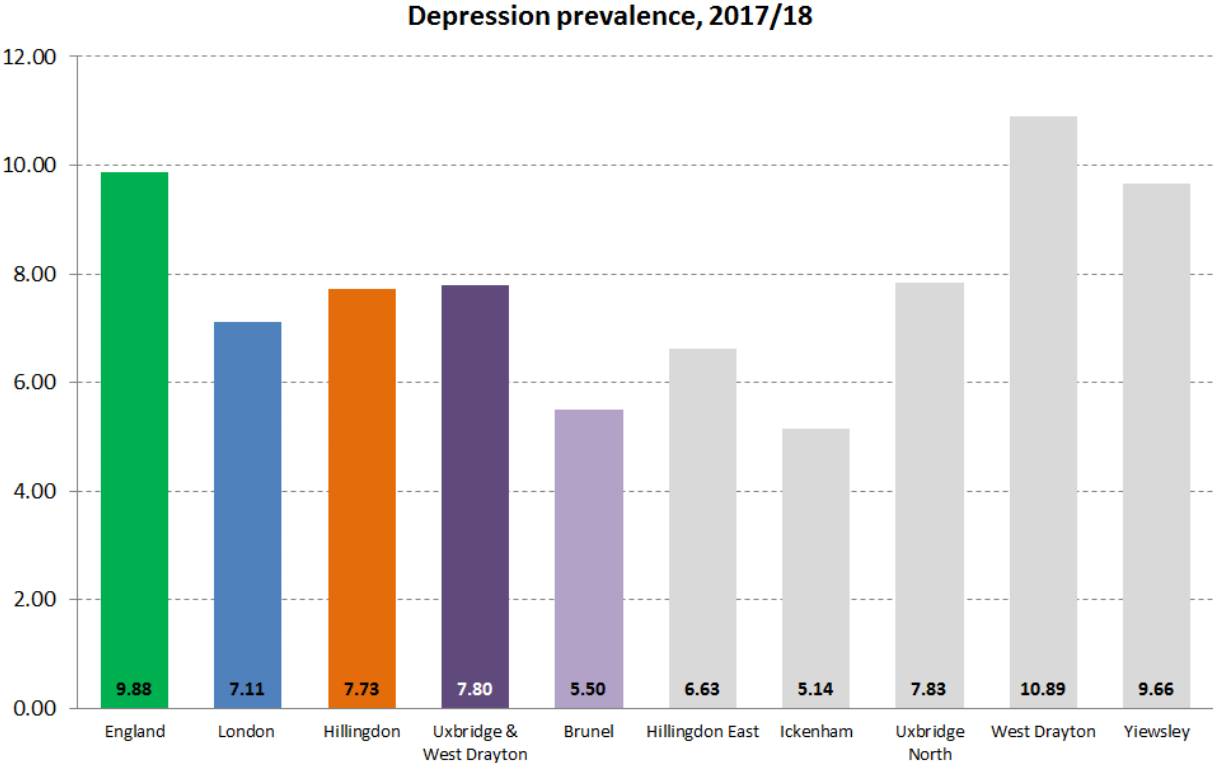
### **Mental Health and Neurology conditions**

The prevalence of **dementia** in Brunel is 0.32%, which is lower than England, London, Hillingdon and the locality:

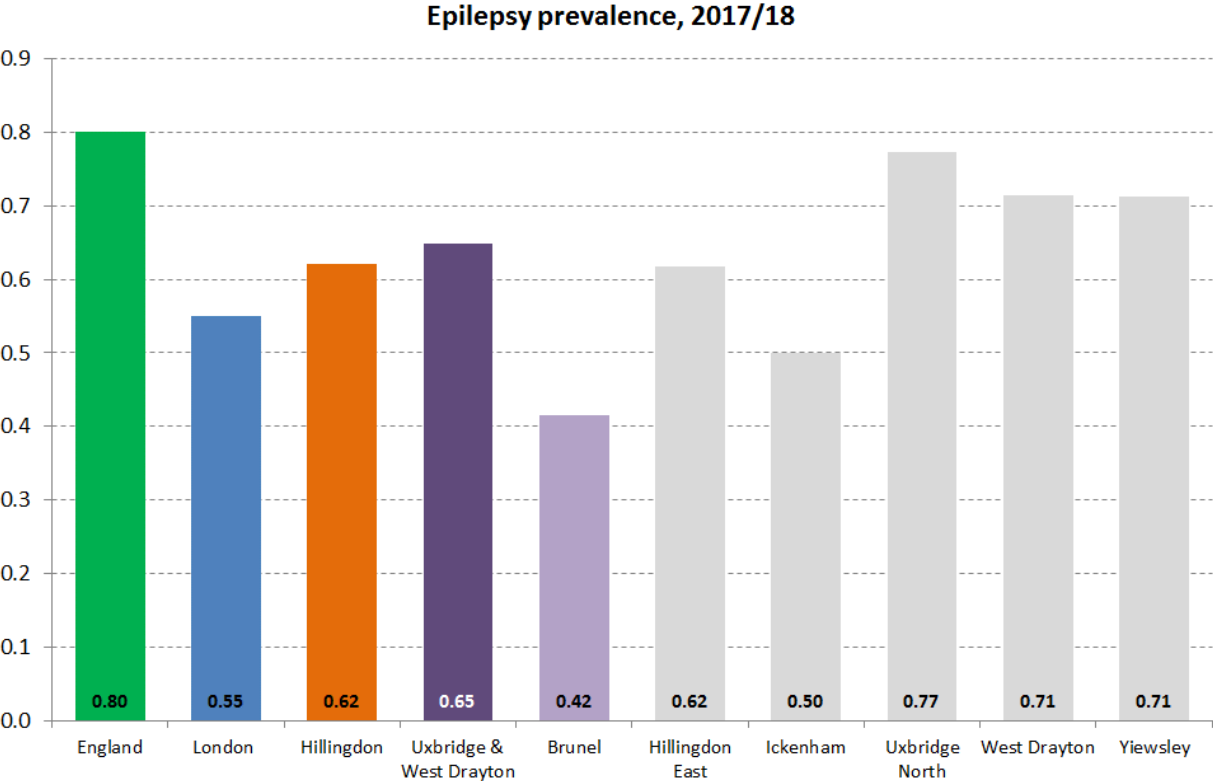
**Dementia prevalence, 2017/18**



The prevalence of **depression** within Brunel is 5.50%, which is lower than England, London, Hillingdon and the locality:

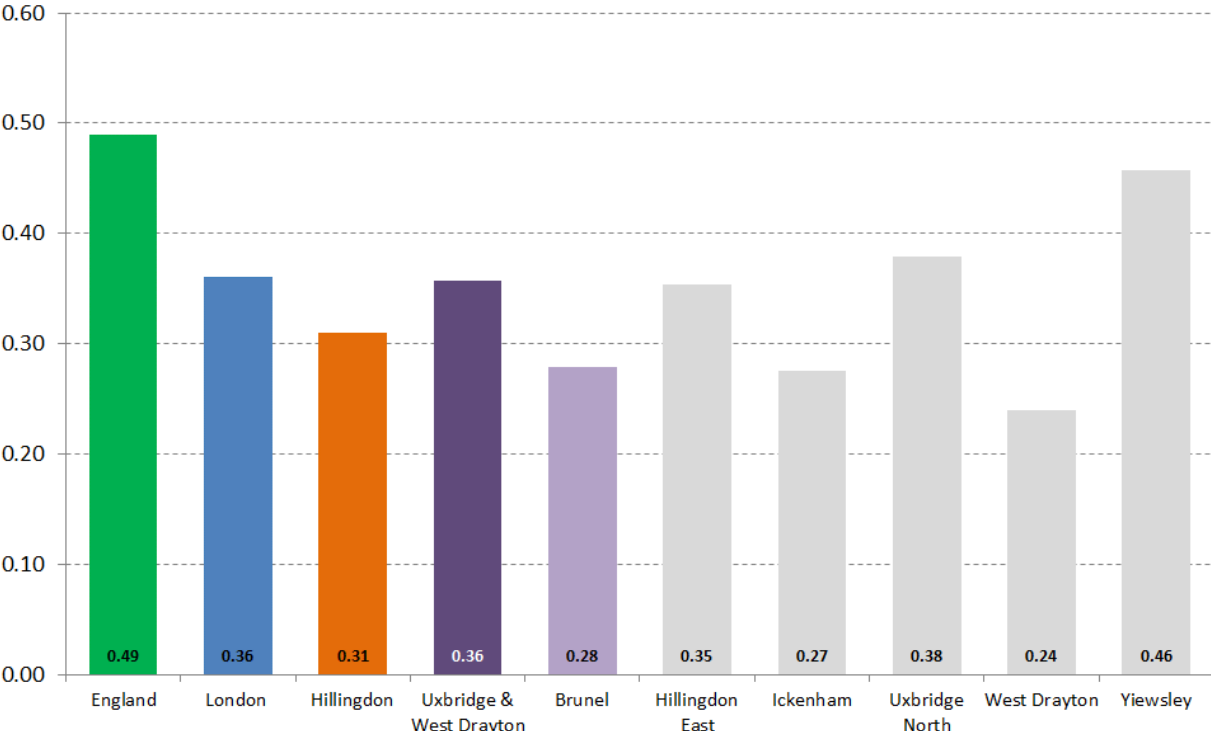


The prevalence of **epilepsy** in Brunel is 0.42%, which is lower than England, London, Hillingdon and the locality:



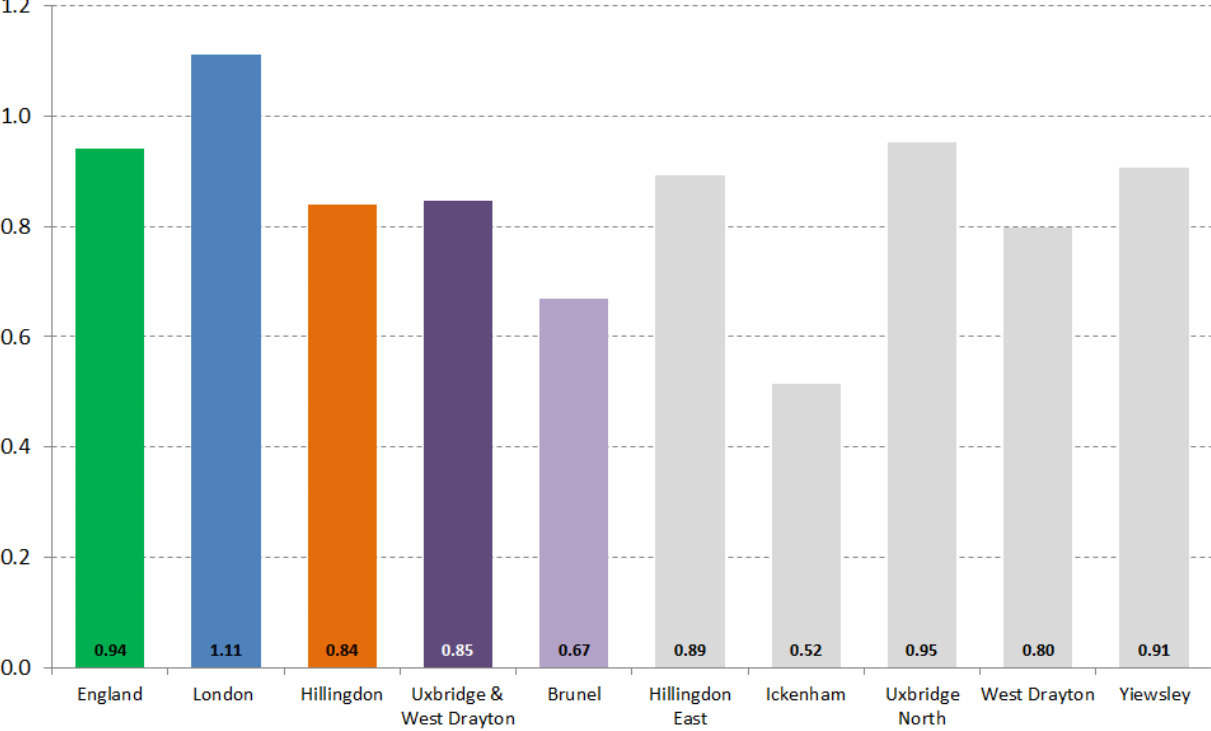
The prevalence of **learning disability** in Brunel is 0.28%, which is lower than England, London, Hillingdon and the locality:

**Learning Disabilities prevalence, 2017/18**



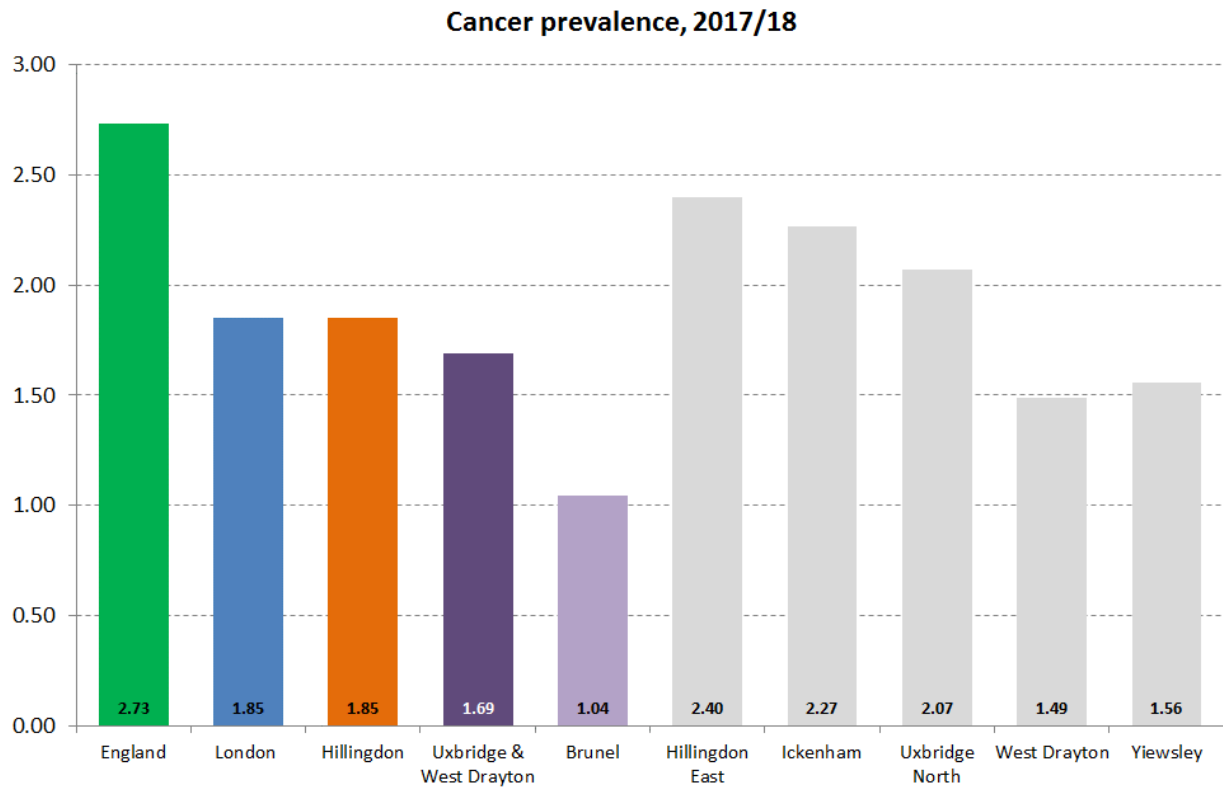
The prevalence of **mental health** in Brunel is 0.67%, which is lower than England, London, Hillingdon and the locality:

**Mental Health prevalence, 2017/18**

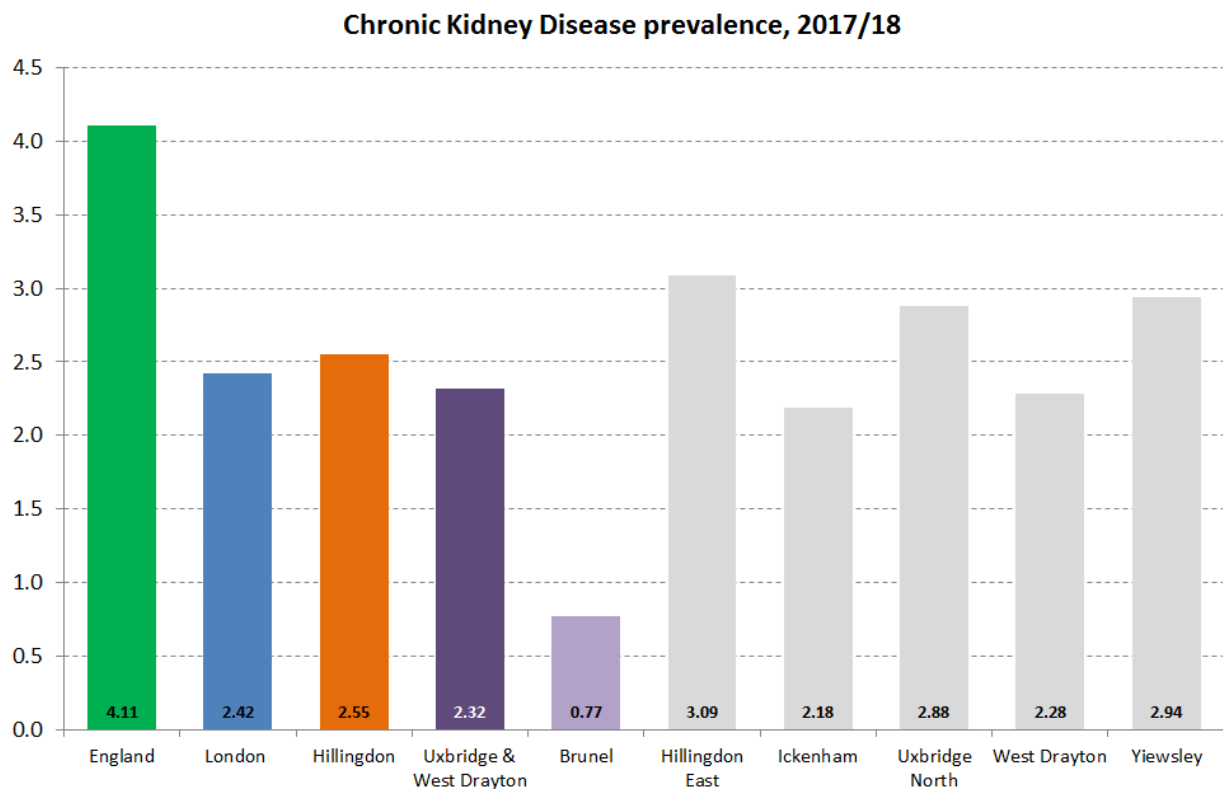


## High Dependency and Long Term conditions

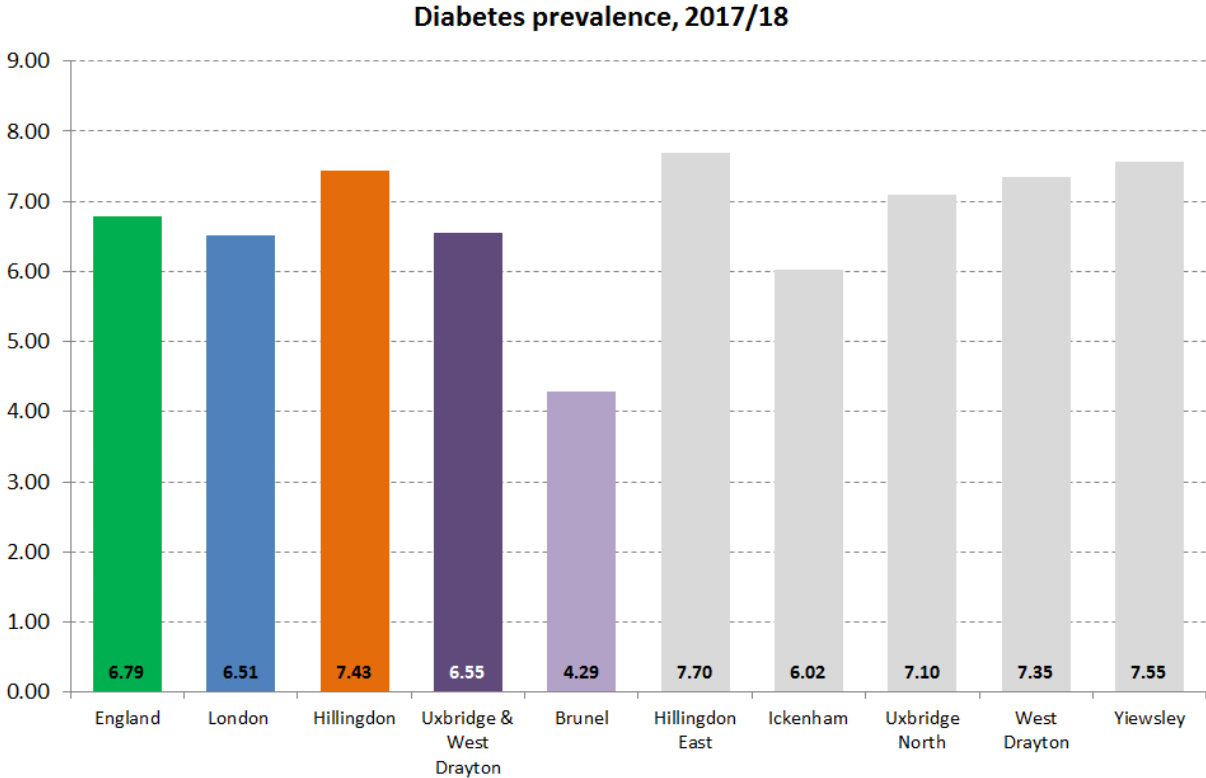
The prevalence of **cancer** in Brunel is 1.04%, which is lower than England, London, Hillingdon and the locality:



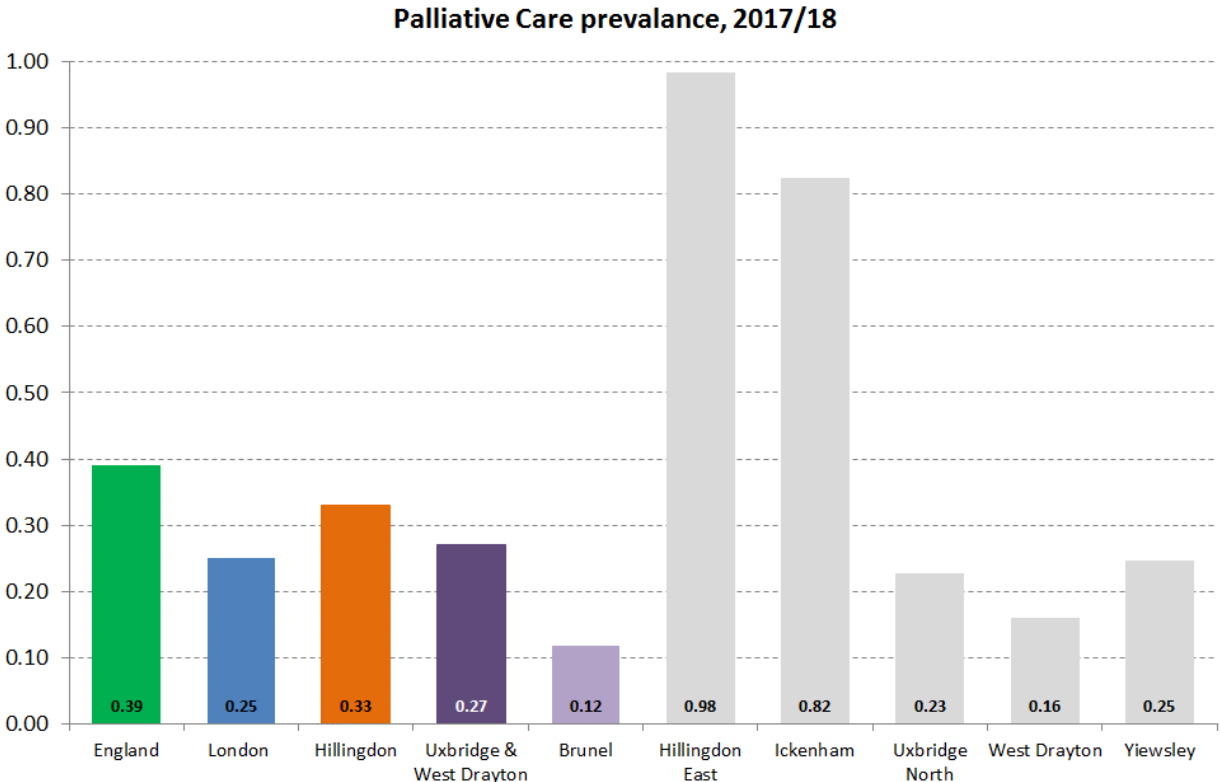
The prevalence of **chronic kidney disease** in Brunel is 0.77%, which is lower than England, London, Hillingdon and the locality:



The prevalence of **diabetes** in Brunel is 4.29%, which is lower than England, London, Hillingdon and the locality:

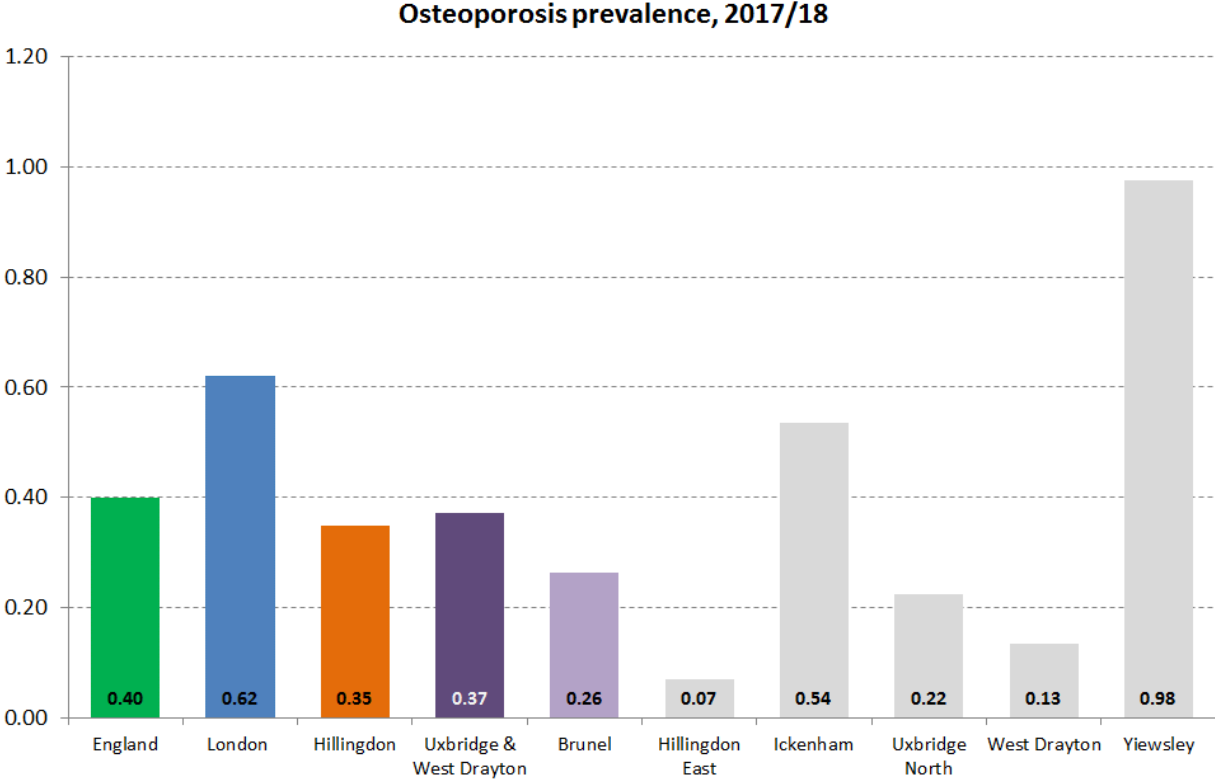


The prevalence of **palliative care** in Brunel is 0.12%, which is lower than England, London, Hillingdon and the locality:



### Other conditions

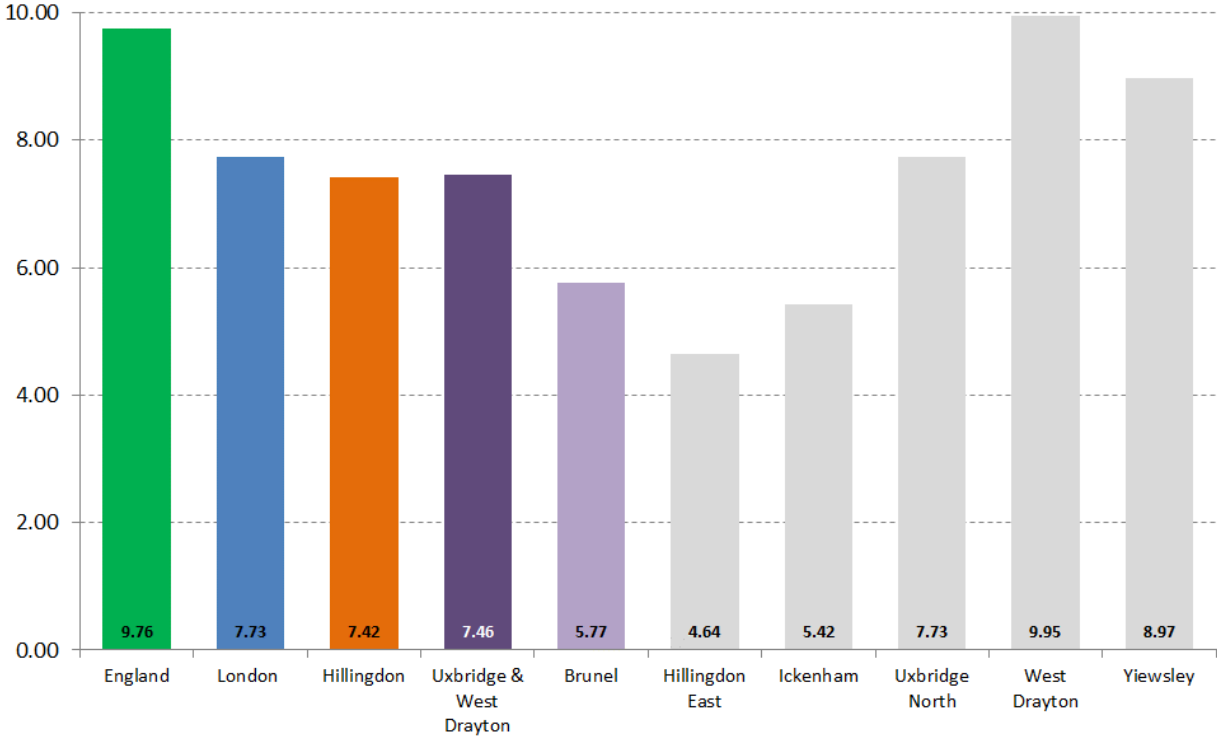
The prevalence of **osteoporosis** in Brunel is 0.26%, which is lower than England, London, Hillingdon and the locality:



The prevalence of **obesity** in Brunel is 5.77%, which is lower than England, London, Hillingdon and the locality:



**Obesity prevalence, 2017/18**



## Estimated Prevalence

The estimated prevalence is the number of patients who may have a condition but who have not been diagnosed.

The graphs show estimated prevalence at England and GP level (data is not available at London, borough or locality level). Estimated prevalence is available on a limited number of conditions; data is taken from the latest Disease & Risk Factor Prevalence profile on Fingertips, 2015 (<https://fingertips.phe.org.uk/profile/prevalence>).

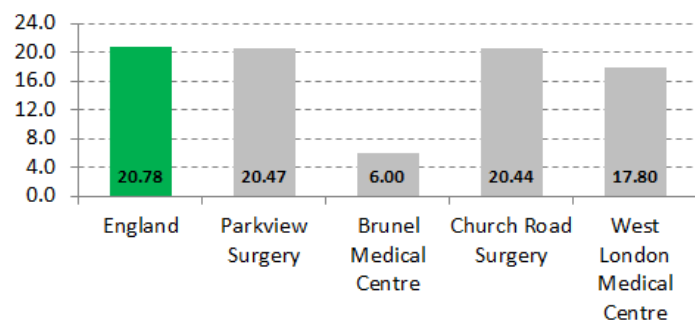
Brunel ward contains 4 GP surgeries (Parkview Surgery, Brunel Medical Centre, Church Road Surgery and West London Medical Centre). As before, patients registered with these GP practices do not necessarily live in the ward or borough.

## Diagnosed Hypertension

Parkview Surgery has the highest estimated prevalence of the 4 surgeries in the ward.

For comparison, the observed prevalence of hypertension in Brunel ward is 7.76%.

Estimated prevalence of Diagnosed Hypertension  
Brunel, 2015

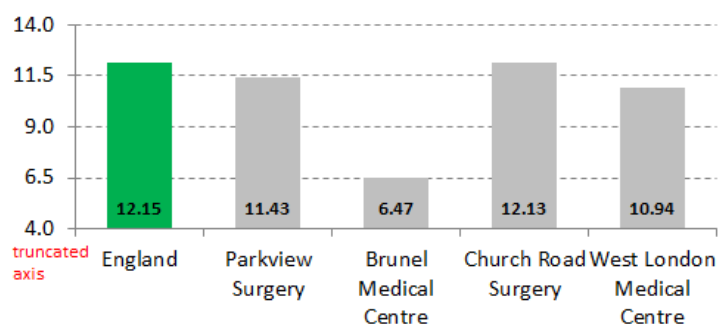


## Undiagnosed Hypertension

Church Road Surgery has the highest estimated prevalence of the 4 surgeries in the ward.

For comparison, the observed prevalence of hypertension in Brunel ward is 7.76%.

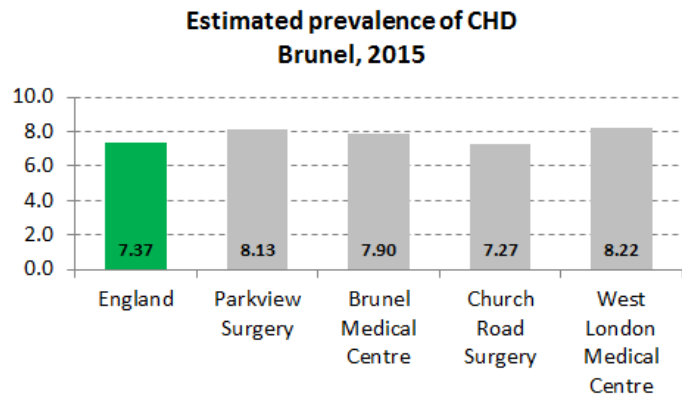
Estimated prevalence of Undiagnosed Hypertension  
Brunel, 2015



## Coronary Heart Disease (CHD)

West London Medical Centre has the highest estimated prevalence of the 4 surgeries in the ward.

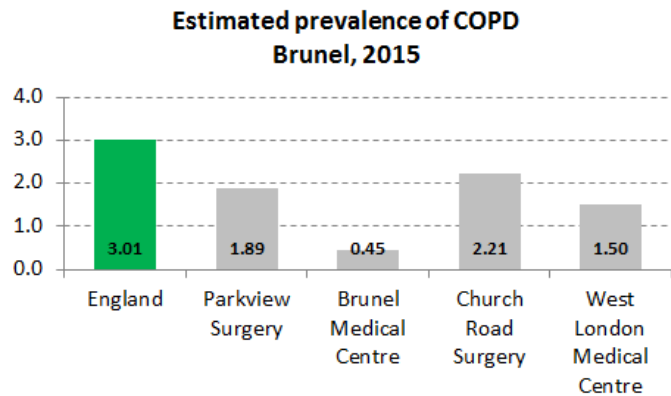
For comparison, the observed prevalence of CHD in Brunel ward is 1.31%.



## COPD

Church Road Surgery has the highest estimated prevalence of the 4 surgeries in the ward.

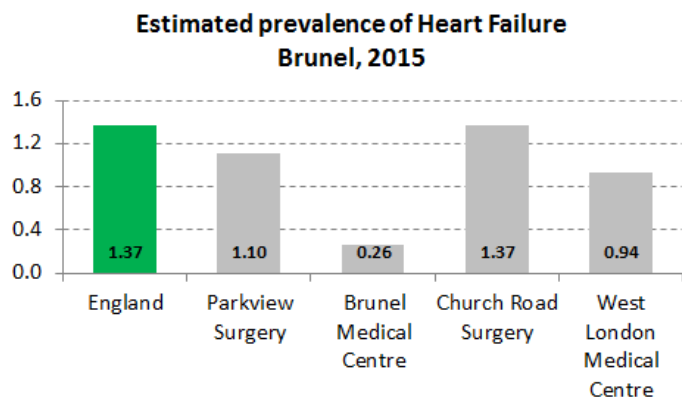
For comparison, the observed prevalence of COPD in Brunel ward is 0.80%.



## Heart Failure

Church Road Surgery has the highest estimated prevalence of the 4 surgeries in the ward.

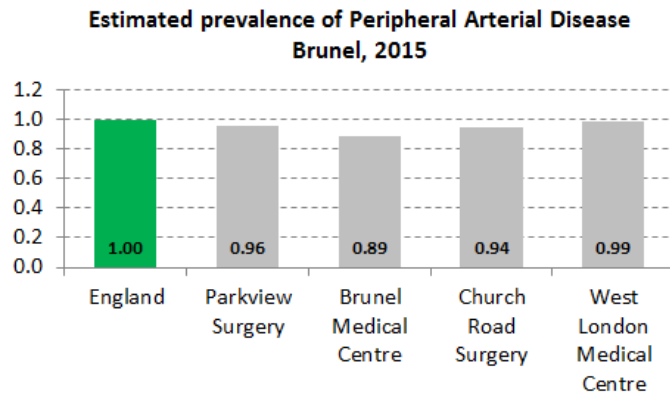
For comparison, the observed prevalence of heart failure in Brunel ward is 0.21%.



## Peripheral Arterial Disease (PAD)

West London Medical Centre has the highest estimated prevalence of the 4 surgeries in the ward.

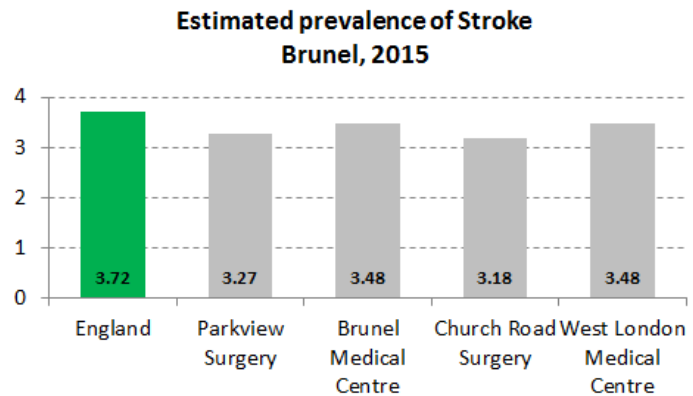
For comparison, the observed prevalence of PAD in Brunel ward is 0.29%.



## Stroke

West London Medical Centre and Brunel Medical Centre have the highest estimated prevalence of the 4 surgeries in the ward.

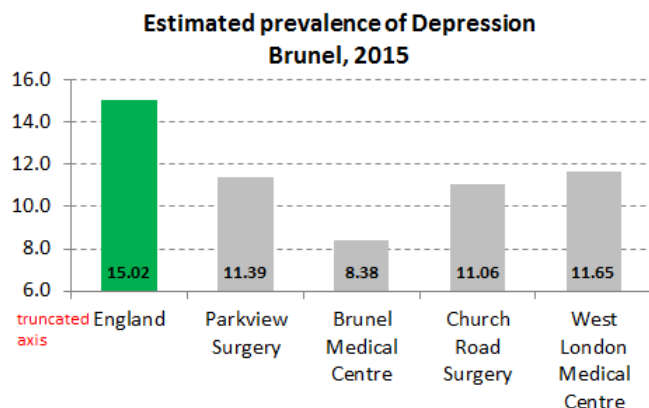
For comparison, the observed prevalence of Stroke / TIA in Brunel ward is 0.67%.



## Depression

West London Medical Centre has the highest estimated prevalence of the 4 surgeries in the ward.

For comparison, the observed prevalence of Stroke / TIA in Brunel ward is 4.16%.



## Glossary

**What is a Ward Profile** - a Ward Profile is designed to provide economic and social data for each ward based on 2011 Census data, and provides an understanding of an area to assist with local service planning.

### Occupation types

- Managers, Directors and Senior Officials includes
  - Corporate Managers and Directors
  - Other Managers and Proprietors
- Professional Occupations include
  - Science, Research, Engineering and Technology Professionals
  - Health Professionals
  - Teaching and Educational Professionals
  - Business, Media and Public Service Professionals
- Associate Professional and Technical Occupations includes
  - Science, Engineering and Technology Associate Professionals
  - Health and Social Care Associate Professionals
  - Protective Service Occupations
  - Culture, Media and Sports Occupations
  - Business and Public Service Associate Professionals
- Administrative and Secretarial Occupations includes
  - Administrative Occupations
  - Secretarial and Related Occupations
- Skilled Trades Occupations
  - Skilled Agricultural and Related Trades
  - Skilled Metal, Electrical and Electronic Trades
  - Skilled Construction and Building Trades
  - Textiles, Printing and Other Skilled Trades
- Caring, Leisure and Other Service Occupations
  - Caring Personal Service Occupations
  - Leisure, Travel and Related Personal Service Occupations
- Sales and Customer Service Occupations
  - Sales Occupations
  - Customer Service Occupations
- Process, Plant and Machine Operatives
  - Process, Plant and Machine Operatives
  - Transport and Mobile Machine Drivers and Operatives
- Elementary Occupations
  - Elementary Trades and Related Occupations
  - Elementary Administration and Service Occupations

### Links to pages on useful websites

- [Councillor Details](#)
- [Member of Parliament for Brunel](#)
- [Find my nearest](#)
- [NOMIS \(official labour market statistics\)](#)
- [Ward level well-being scores \(GLA\)](#)
- [Ward profiles \(GLA\)](#)
- [Public Health England](#)