

# COVID19 Situation Report

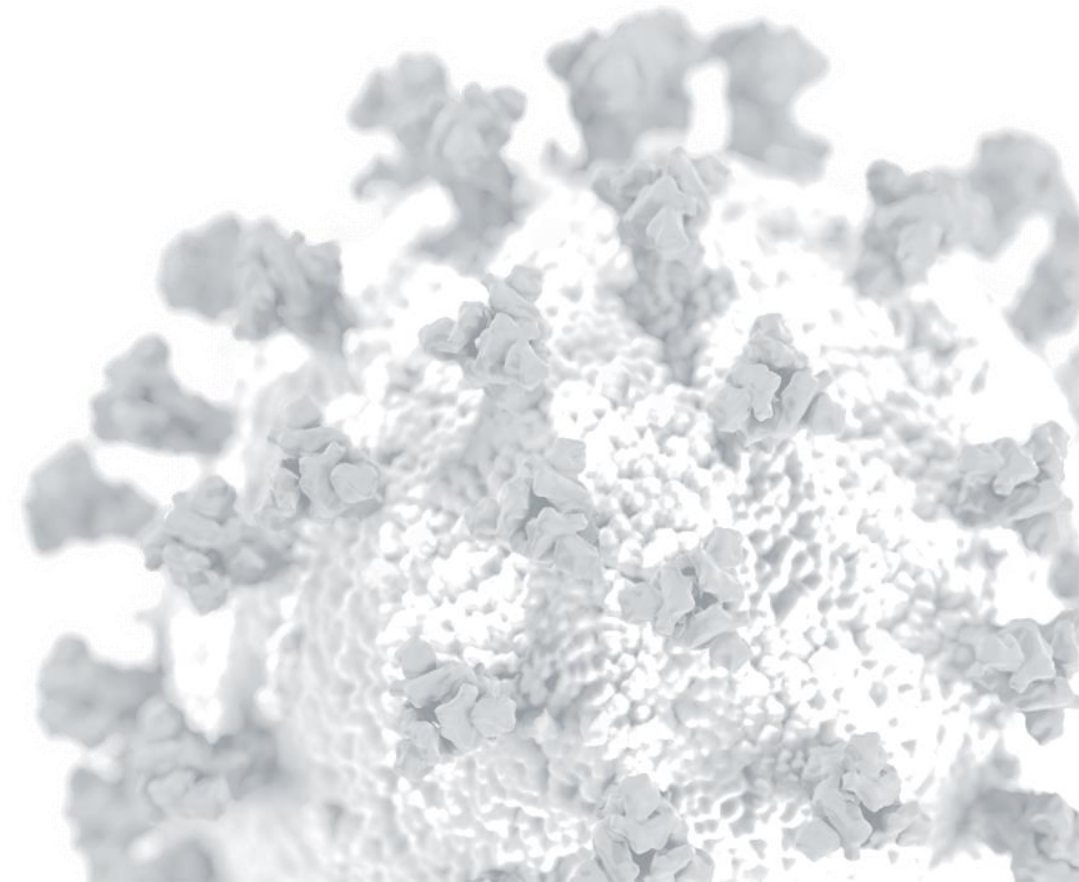
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## Data & Analytics

**Report Date: Wednesday 10<sup>th</sup> June 2020**

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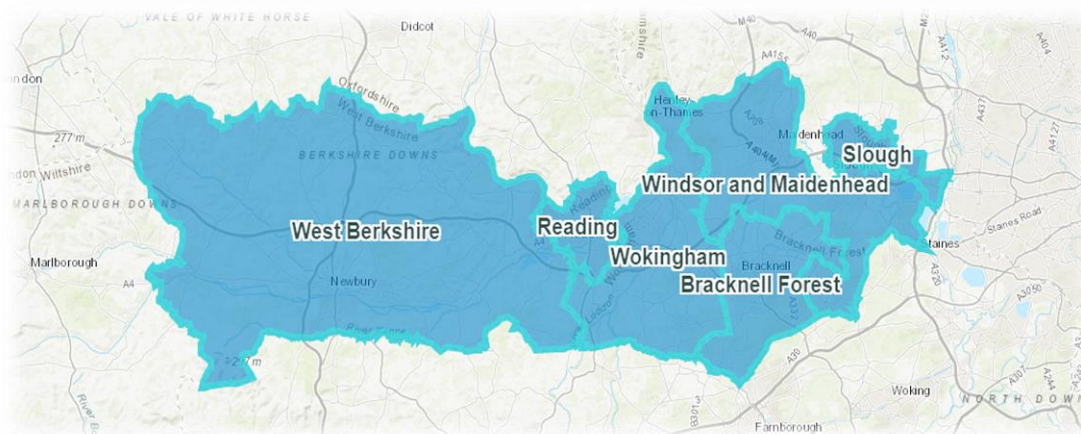
- Local COVID19 Detected Cases
- Local COVID19 Detection Rates
- Age Standardised Death Rates – Local Comparisons
- Weekly Death Rates – All Settings
- Local COVID19 Cumulative Deaths reported by NHS Trust
- COVID19 Cumulative Deaths in local care homes
- <sup>34</sup> All-cause mortality: Cumulative deaths in local care homes
- National COVID19 Figures
- National & Regional COVID19 Trends
- Global Comparison – Total COVID19 Deaths



- As of Tuesday 9<sup>th</sup> June 2020, **452 Wokingham residents** have tested positive for COVID19 (lab-confirmed cases) since the beginning of the outbreak.
  - **2,443** COVID19 cases have been detected across **Berkshire** in total.
  - The Borough of **Reading** has reported the **highest** number of cases in Berkshire: **591**.

- It is expected that the **true number** of positive COVID19 cases in Wokingham **is higher** than the lab confirmed cases detected by PHE, with many asymptomatic residents going undiagnosed.

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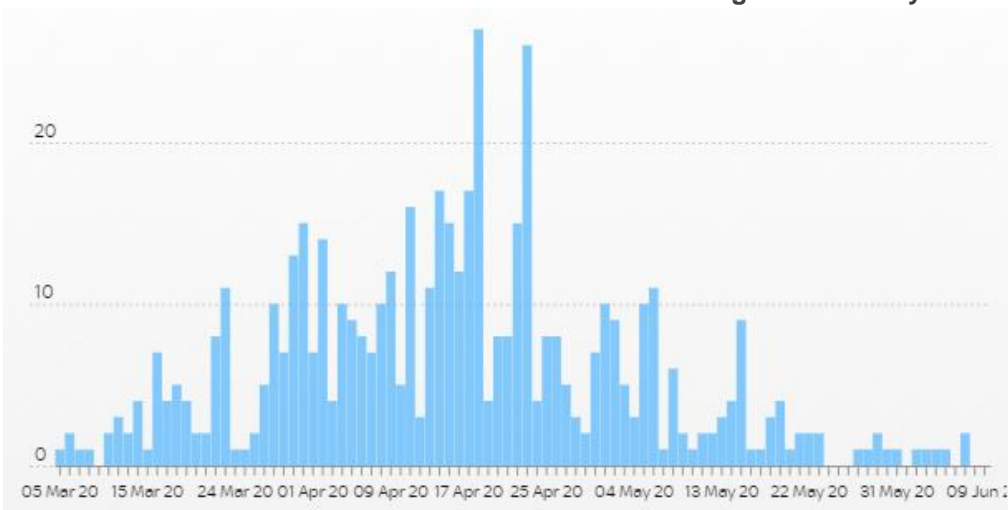
Map: Outline of 6 Upper Tier Local Authorities in Berkshire

<b>452 cases</b> among residents of <b>Wokingham</b>	<b>591 cases</b> among residents of <b>Reading</b>
<b>382 cases</b> among residents of <b>West Berkshire</b>	<b>259 cases</b> among residents of <b>Bracknell Forest</b>
<b>301 cases</b> among residents of <b>Windsor &amp; Maidenhead</b>	<b>458 cases</b> among residents of <b>Slough</b>

- The rate of newly detected COVID19 cases in Wokingham appears to be slowing down.
- Since the beginning of the outbreak, the total COVID19 cases detected in **Wokingham** stands at **269 cases per 100,000 people**. This number is similar to the national average.

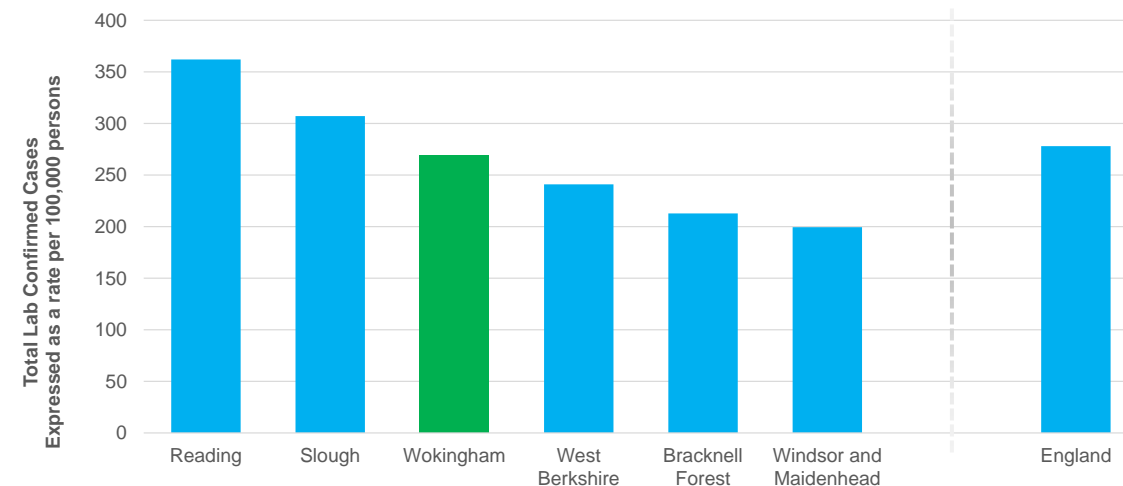
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New lab-confirmed cases of COVID19 detected in Wokingham each day



- Lowest incidence: Dorset – 97 per 100,000
- Highest incidence: Sunderland – 499 per 100,000
- National incidence: England – 278 per 100,000

COVID19 incidence rates:  
Wokingham compared to neighbouring boroughs  
**N.B. rates below are not age-standardised**



Source: Public Health England, ONS Mid-year population estimates

# Age Standardised Death Rates – Local Comparison [ONS Data]

Latest data available for this analysis: Deaths occurring between 1 March and 17 April 2020  
 Next update for this analysis: Yet to be announced by ONS

- Comparing rates between multiple geographical areas can be made more-reliable when taking into account the **differences in age structures** of the populations that live in them.
- This is particularly true if the characteristic being compared varies by age; which is the case for deaths caused by COVID19 as older groups are more at risk of dying.
- **Age standardised death rates** are used to make better comparisons, because they account for the differences in the age structure of the populations being compared.

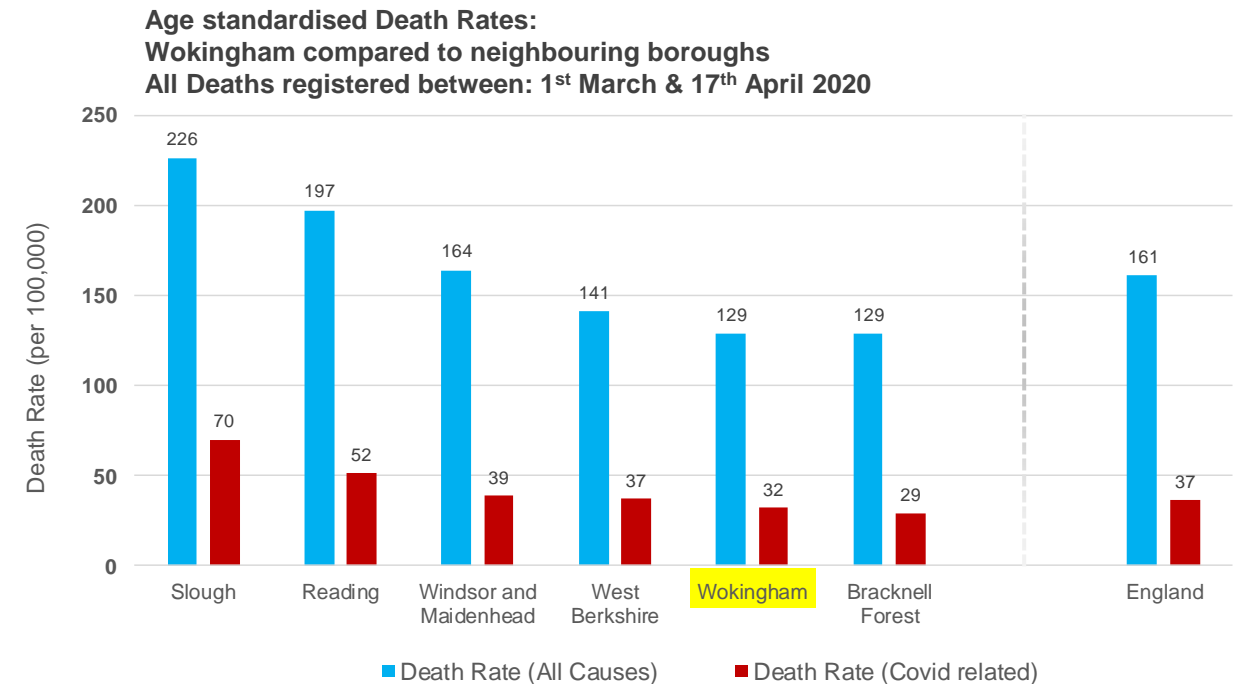
37 For this particular analysis, all populations were mathematically adjusted to have the same age structure as a reference population, known as the 'standard population'. In this way, all groups were given the same age distribution so that a more representative picture of COVID19 deaths across neighbouring boroughs is provided.

## Results

- All things being equal, **Wokingham reported a lower rate** (32 per 100,000 persons) of **COVID19 related deaths** in comparison to **most local authorities** in Berkshire (As of 17th April).
- The age-standardised death rate for Wokingham is **also lower than the national average**.

Source: ONS, 2020

- Lowest COVID19 Death Rate in the country :  
**North Lincolnshire** - 7 per 100,000
- Highest COVID19 Death Rate in the country :  
**Newham** - 144 per 100,000
- National COVID19 Death Rate :  
**England** - 37 per 100,000

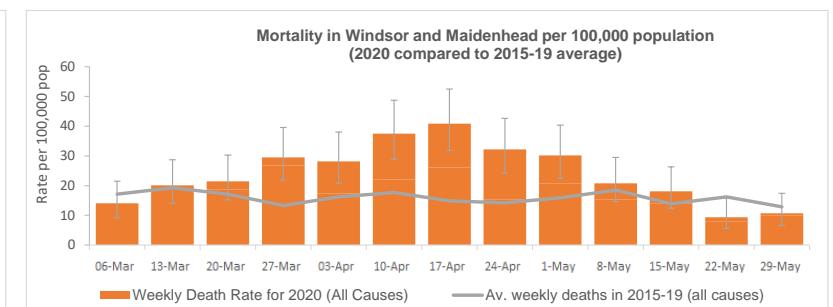
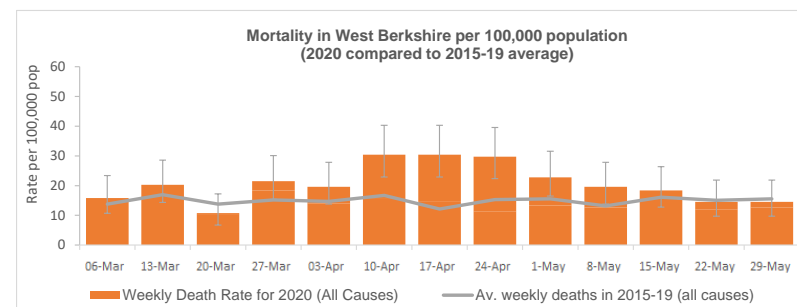
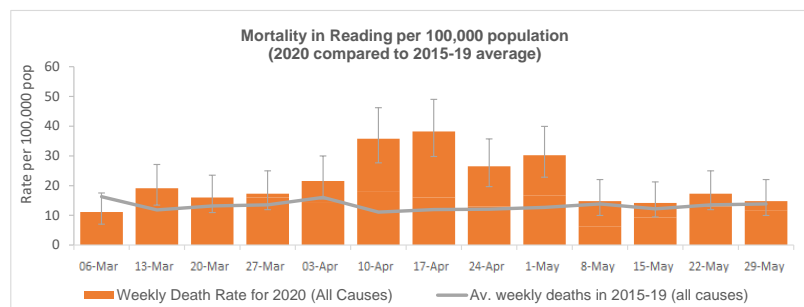
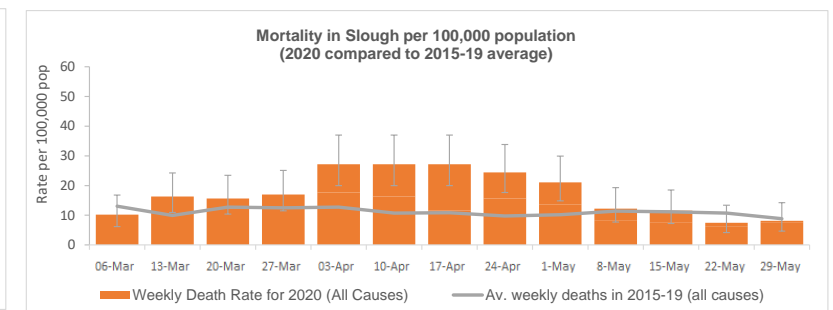
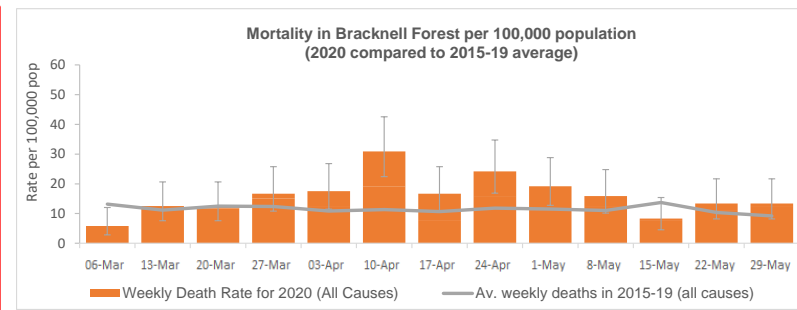
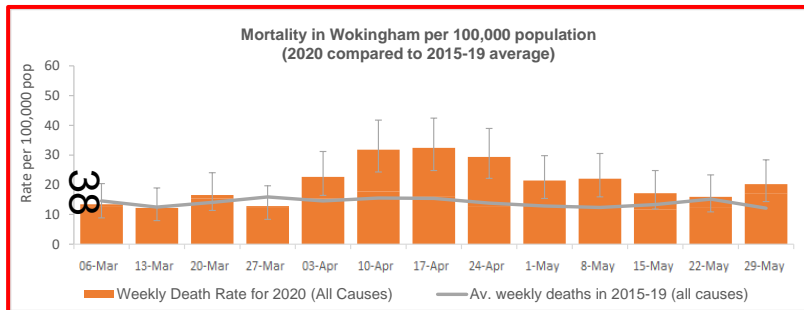


# Weekly Death Rates – All Settings [ONS Data]

Latest data available for this analysis: Deaths occurring up to 29<sup>th</sup> May 2020

Next update for this analysis: 16<sup>th</sup> June 2020

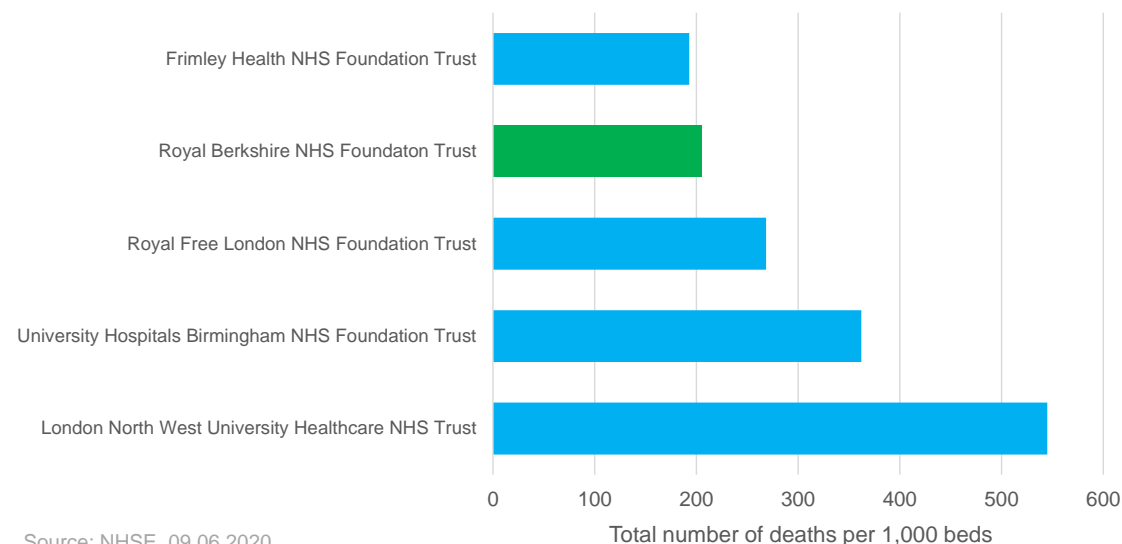
- The charts below show **all deaths caused by COVID-19 and/or other causes** (all-cause mortality) **across all settings**.
- Looking at all-cause mortality can help us to measure the impact of COVID19:
  - By comparing **current** (all-cause) death rates against **expected** rates (average weekly deaths reported across previous 5 years) we can estimate **excess** deaths caused by COVID.
- As of 29<sup>th</sup> May, excess weekly deaths in Wokingham appear to be marginally similar to expected deaths. This is also the case for neighbouring boroughs.



- Daily COVID19 deaths are published by NHS trusts; where each trust has a different number of hospital beds.
- The **Royal Berkshire NHS Foundation Trust** (which serves all residents across Berkshire including those in Wokingham) have reported **179 deaths** related to COVID19 as of 09 June 2020.
- The Royal Berkshire NHS Foundation Trust (RBHFT) and neighbouring trust (Frimley) both have lower rates of COVID19 deaths compared to the worst-affected Trusts in England.

- Highest mortality rate: London North West University Healthcare NHS Trust - 545 deaths per 1,000 beds.
- Lowest mortality rate: Northern Devon Healthcare NHS Trust – 50 deaths per 1,000 beds.

Estimated COVID19 Death Rates:  
Royal Berkshire NHS Foundation Trust and neighbour Trust (Frimley)  
compared to the worst-affected NHS Trusts in the Country



Source: NHSE, 09.06.2020

*Please note – Hospital beds are not a true population baseline but this calculation gives an indication of what Berkshire mortality rates might look like rather than actual.*

# COVID19 Cumulative Deaths in local care homes [ONS Data]

Latest data available for this analysis: Deaths occurring up to 29<sup>th</sup> May 2020

Next update for this analysis: 16<sup>th</sup> June 2020

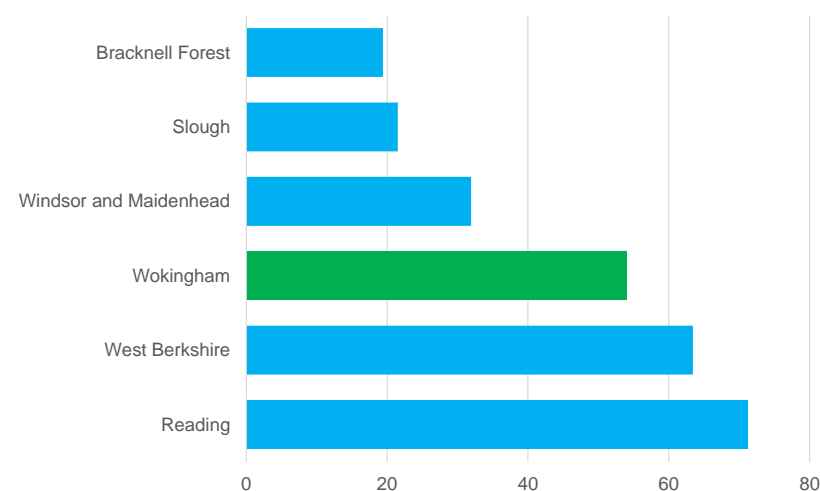
- The Office for National Statistics (ONS) publishes data on COVID19-related deaths within all care homes across the country.
- Between 1<sup>st</sup> January and 29<sup>th</sup> May 2020, ONS reported 73 deaths from COVID19 in Wokingham this equates to a rate of **54 COVID deaths per 1,000 care home beds in Wokingham.**
- Despite having the second highest number of care home beds in Berkshire, the COVID19 death rate in Wokingham is not the worst death rate in comparison to neighbouring boroughs.

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- Highest care-home death rate in England:  
Hammersmith and Fulham  
129 deaths per 1,000 beds.
- Lowest care-home death rate in England:  
North East Lincolnshire  
3 deaths per 1,000 beds.

Geography	Total COVID19-related Deaths reported in Care Homes <b>between 1st Jan and 29th May 2020</b>	Total Number of Care Home Beds	COVID19 Death Rate per 1000 Care Home Beds
	<i>Source: ONS</i>	<i>Source: CQC</i>	
Reading	60	842	71
West Berkshire	64	1,009	63
Wokingham	73	1,352	54
Windsor and Maidenhead	51	1,598	32
Slough	10	465	22
Bracknell Forest	9	464	19

Rate of COVID19 deaths per 1,000 care home beds  
Wokingham compared to neighbouring boroughs  
All Deaths notified between: 1<sup>st</sup> January & 29<sup>th</sup> May 2020



Total COVID19 related deaths in Care Homes  
Represented as a rate per 1000 Care Home Beds in each Local Authority



# All-cause mortality: Cumulative deaths in local care homes [ONS Data]

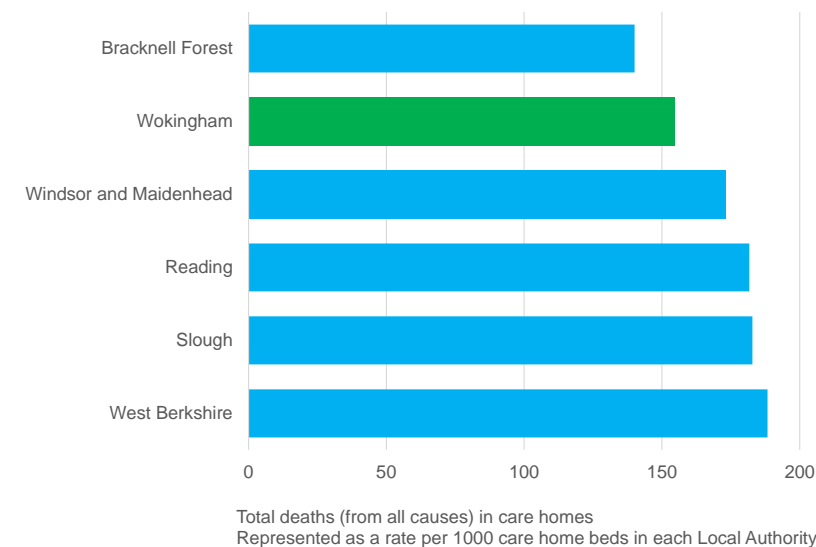
Latest data available for this analysis: Deaths occurring up to 29<sup>th</sup> May 2020  
Next update for this analysis: 16<sup>th</sup> June 2020

- The Office for National Statistics (ONS) publishes data on all deaths (All-cause mortality) within all care homes across the country.
- Between 1<sup>st</sup> January and 29<sup>th</sup> May 2020, ONS reported 209 care home deaths in Wokingham. This equates to a rate of **155 deaths per 1,000 care home beds in Wokingham.**
- Despite having the second highest number of care home beds in Berkshire, the all-cause mortality rate in Wokingham is one of the lowest comparison to neighbouring boroughs.

- Highest care-home death rate in England:  
Hammersmith and Fulham  
301 deaths per 1,000 beds.
- Lowest care-home death rate in England:  
Lambeth  
109 deaths per 1,000 beds.

Geography	Total Deaths (Covid19 and Non-covid related) reported in Care Homes <b>between 1st Jan and 29th May 2020</b>	Total Number of Care Home Beds	Death Rate per 1,000 Care Home Beds
	<i>Source: ONS</i>	<i>Source: CQC</i>	
West Berkshire	190	1,009	188
Slough	85	465	183
Windsor and Maidenhead	277	1,598	173
Reading	153	842	182
Wokingham	209	1,352	155
Bracknell Forest	65	464	140

Rate of deaths (from all causes) per 1,000 care home beds  
Wokingham compared to neighbouring boroughs  
All Deaths notified between: 1<sup>st</sup> January & 29<sup>th</sup> May 2020



As of 09.06.2020, 289,140 people in the UK have tested positive for COVID19. Of those hospitalised in the UK who tested positive for coronavirus, 40,883 have sadly died.

**UK Cumulative Total**  
**289,140 lab-confirmed cases\***  
**40,883 deaths**

**UK Daily Total (09.06.2020)**  
**1,387 lab-confirmed cases**  
**286 deaths**

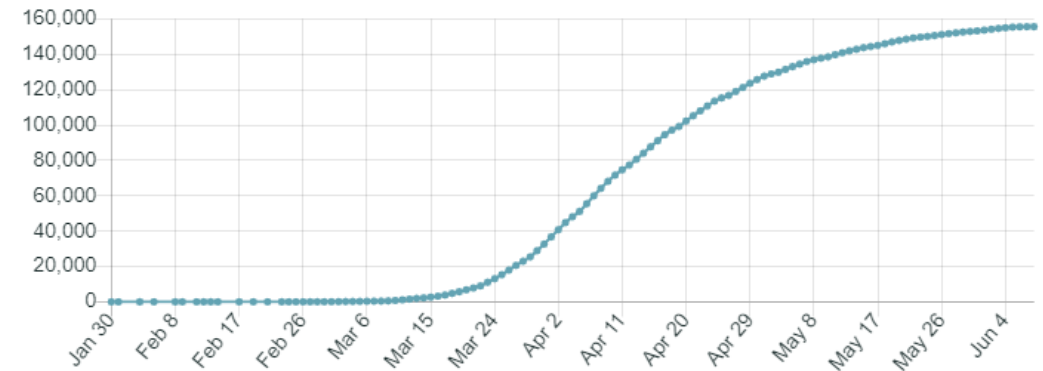
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England (Cumulative)	Scotland (Cumulative)	Wales (Cumulative)	N. Ireland (Cumulative)
<b>155,651</b>	<b>15,653</b>	<b>14,480</b>	<b>4,805</b>
<b>36,521</b>	<b>2,415</b>	<b>1,410</b>	<b>537</b>

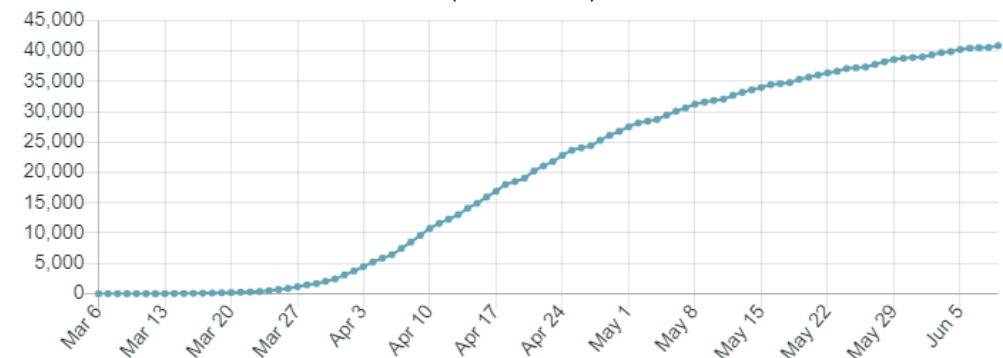
Source: Public Health England

\*Includes tests carried out by commercial partners which are not included in the 4 national totals

**Total lab-confirmed cases in England**  
(Cumulative)

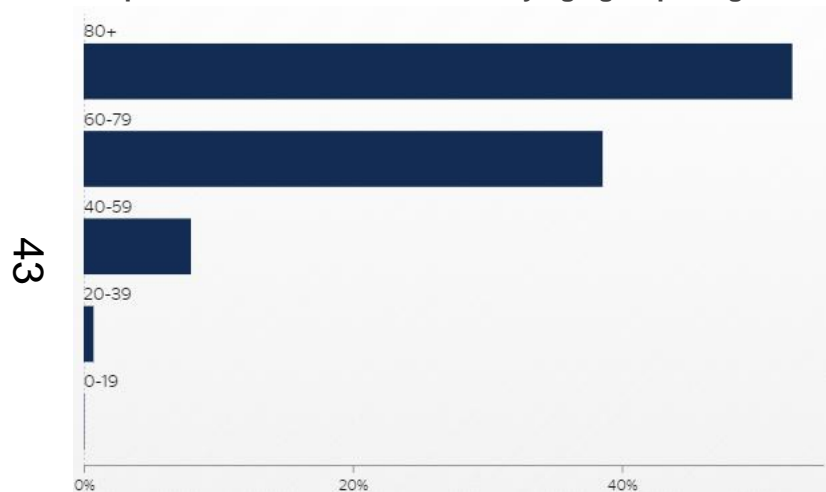


**Total COVID19 hospital deaths in UK**  
(Cumulative)



- Further analysis shows - more than half of those testing positive in the **oldest age group** (across the country) are dying.

Proportion of all COVID19 deaths by age group – Figures for England only.



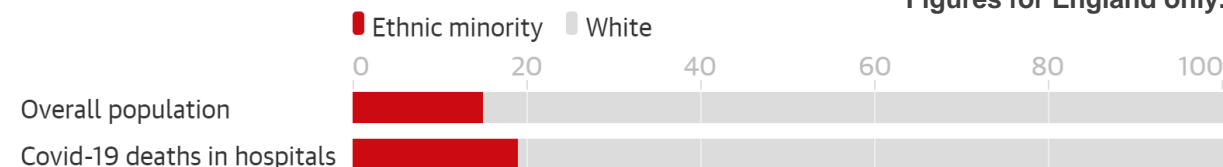
- The **highest number of cases** and deaths in hospitals are in **London, North West** and the **Midlands**. Most cases are concentrated in urban areas.

COVID19 Death Rate by England Region.

Name	Deaths per 100,000 population	Number of deaths
London	67.8	6043
North West	62.8	4407
Midlands	51.7	5449
East of England	49.7	3229
North East and Yorkshire	47	4027
South East	36.4	3224
South West	22.1	1239

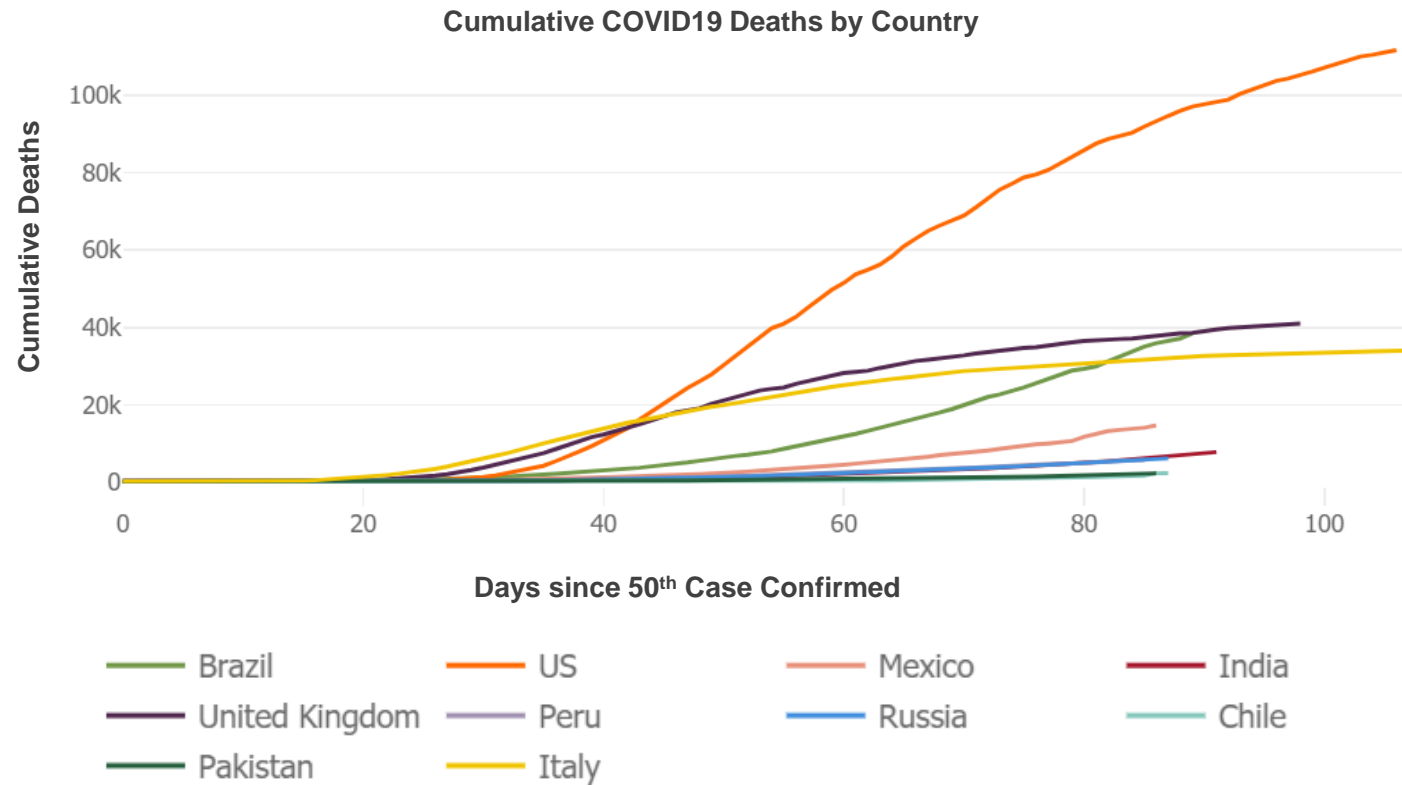
- COVID19 death rate appears to be **higher** among **ethnic minority backgrounds**:
  - Among all COVID19 hospital deaths in England, 17% were Black, Asian and minority ethnic (BAME) even though these groups make up only 15% of the general population in England.

Ethnic minorities are dying of Covid-19 in disproportionately high numbers. Figures for England only.



Source: Public Health England, NHS England, ONS Ethnicity Estimates (2016)

- COVID19 cumulative deaths in the UK still appear to be highest in Europe.



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Source: [Johns Hopkins University](https://www.jhu.edu/)

ONS, NRS, NISRA, Public Health England, Johns Hopkins University. The figures on deaths relate in almost all cases to patients who have died in hospital and who have tested positive for COVID19. Slight differences in reporting in devolved administrations may mean that they include a small number of deaths outside hospital. ONS, NRS and NISRA reporting of UK deaths for all settings is based on information from death certificates, and therefore lags daily hospital data. International reporting procedures and lags are unclear, so may not be comparing like-for-like.