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**Brighton & Hove Health and  
Wellbeing Board  
COVID-19 epidemiology update:  
September 8th 2020**



**Brighton & Hove  
City Council**

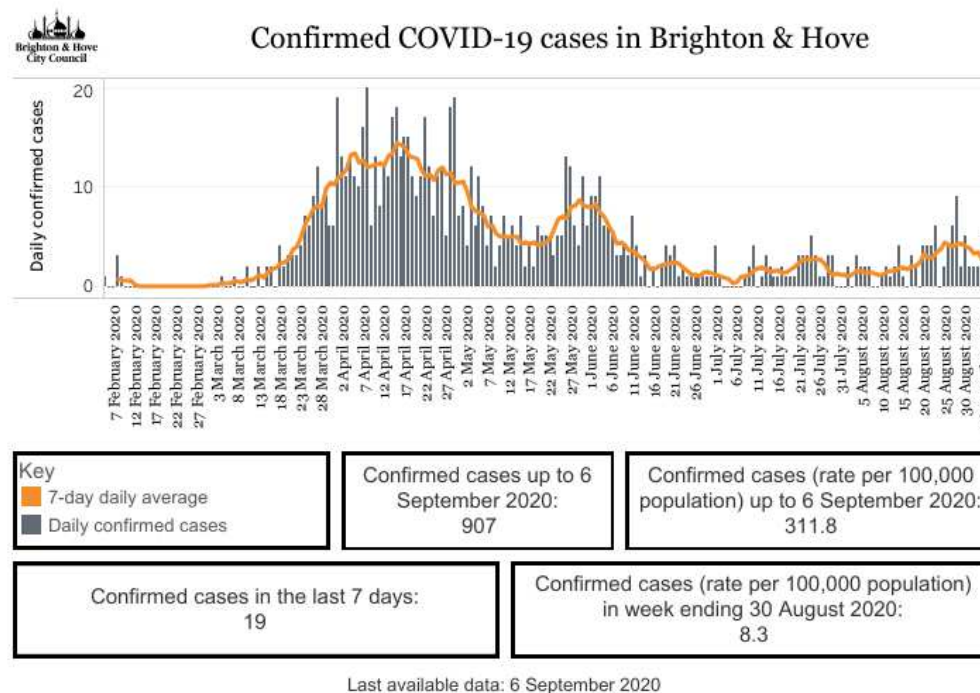
# Summary of COVID-19 to date in Brighton & Hove

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- Confirmed cases of COVID-19
  - Trend
  - Comparison to other areas
  - Age and gender
  - Area of the city
  - Settings
- Deaths
- Brighton & Hove Public COVID-19 Key statistics webpages are available at: <https://new.brighton-hove.gov.uk/covid-19-key-statistics-brighton-hove> - there have been over 76,000 views of the confirmed cases data page

# Confirmed cases of COVID-19

- PHE published data indicate 907 confirmed cases in Brighton & Hove up to 06/09/20
- The crude cumulative rate from Brighton & Hove is lower than the England
- The peak of confirmed cases in Brighton & Hove was in early April
- Since then there has been a large reduction in the daily number of cases although there is variation in the daily number of cases given the numbers are low
- Cases have increased in late August, this is being closely monitored



Source: <https://coronavirus.data.gov.uk>

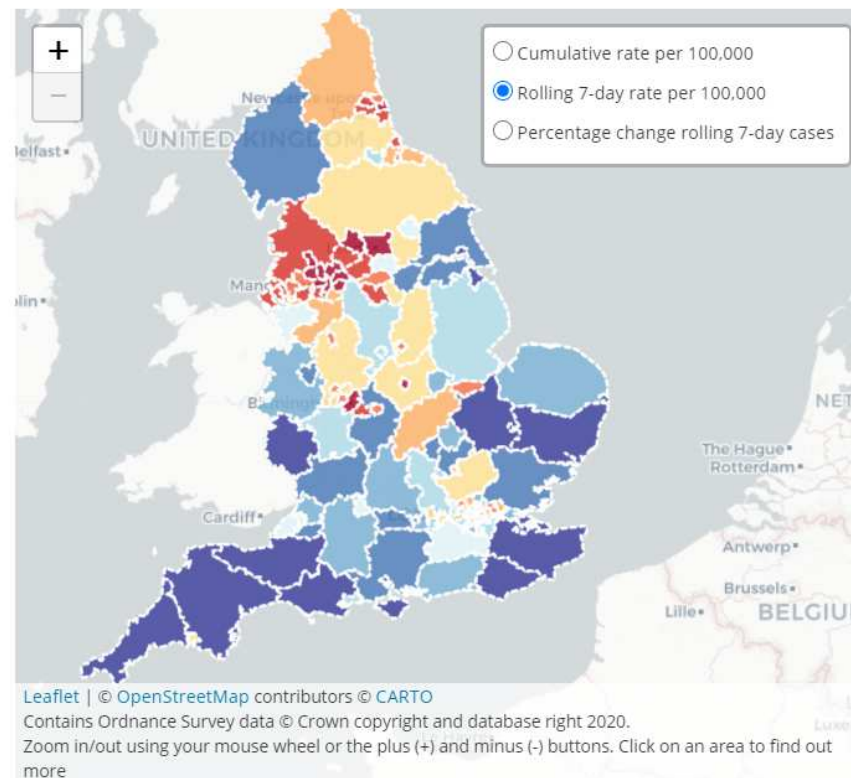


# Confirmed case rates of Covid-19

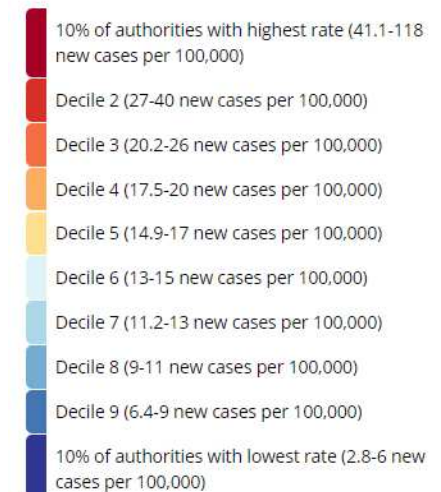
- As at the 7<sup>th</sup> September there have been 311.8 cases per 100,000 in Brighton & Hove. The city is ranked 134<sup>th</sup> highest of 149 local authorities in England
- For cases in the latest complete week (up to 3<sup>rd</sup> September), there were 9.3 cases per 100,00 residents in Brighton & Hove. This is in the lowest 30% of local authorities in England (ranked 114<sup>th</sup> highest out of 149 upper tier local authorities)

New confirmed COVID-19 case rate cases per 100,000 population (all ages); Upper Tier Local Authorities;

Pillar 1 and 2 confirmed cases; seven days to Thu 03 September;

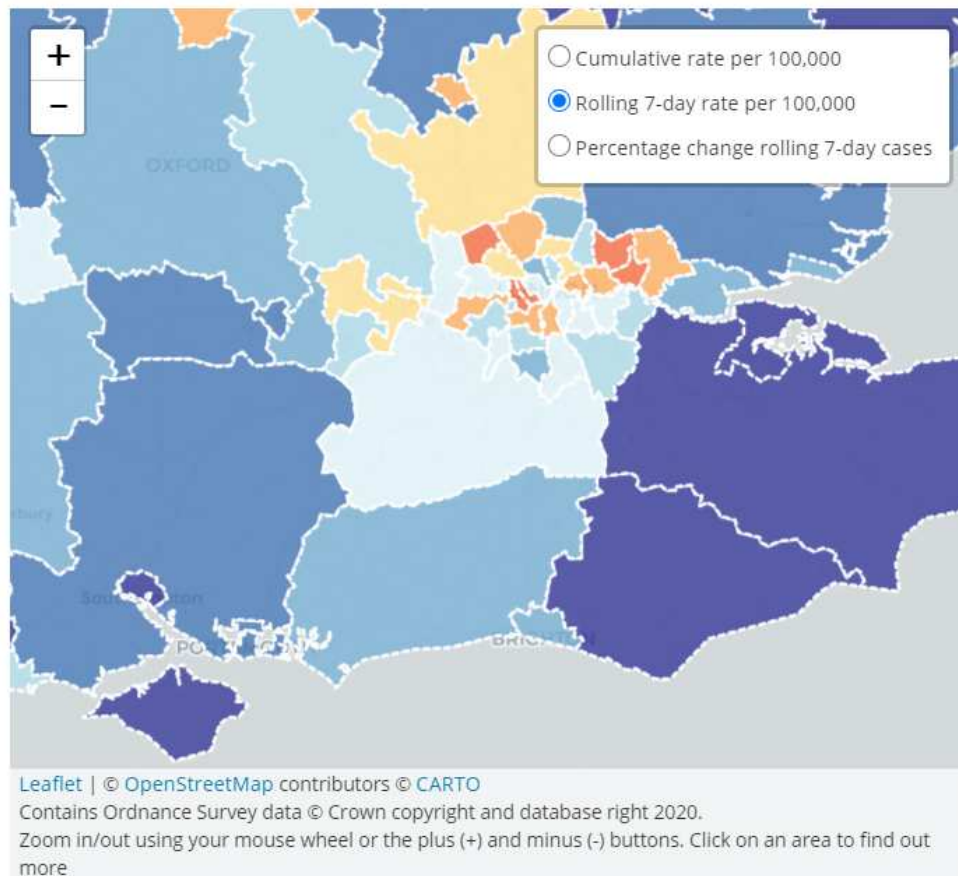


Upper Tier Decile Key for rolling rate per 100,000  
(range of values given in brackets)

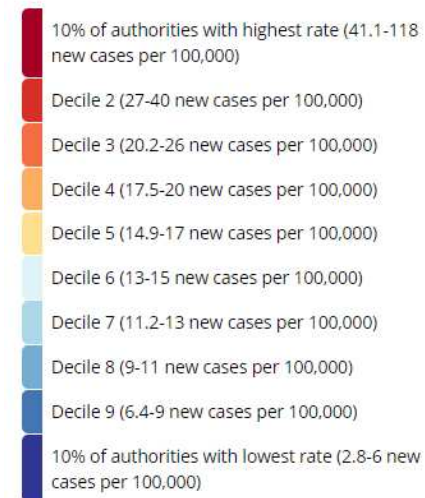


Source: <https://coronavirus.data.gov.uk>

# Confirmed cases of Covid-19



Upper Tier Decile Key for rolling rate per 100,000  
(range of values given in brackets)



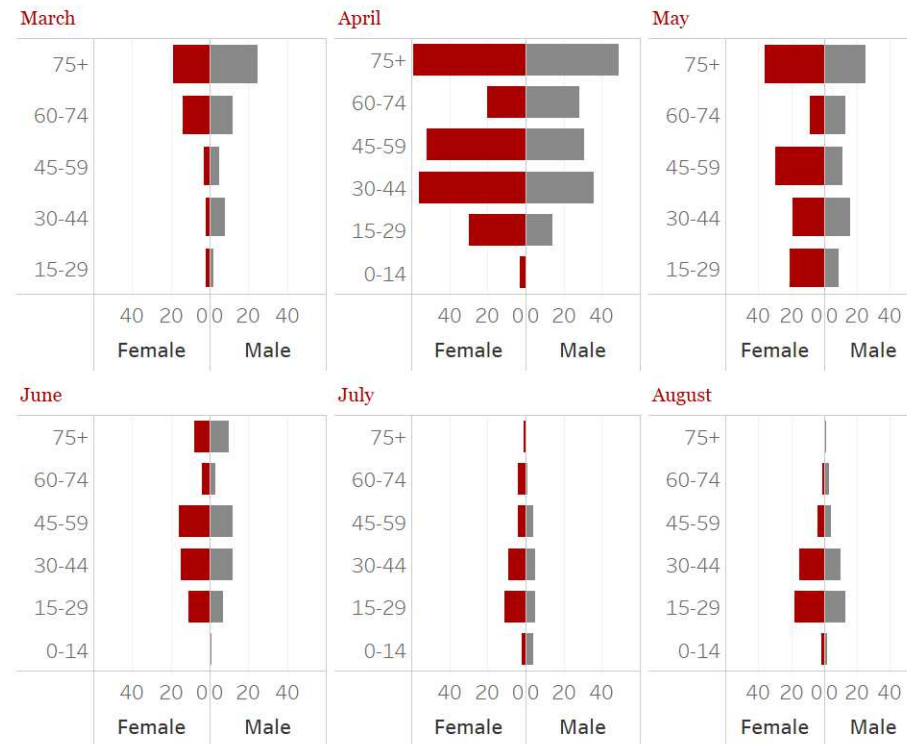
Source: <https://coronavirus.data.gov.uk>



# Confirmed cases by age and gender

- More females than males have tested positive for COVID-19 in Brighton & Hove (56% of confirmed cases are female)
- This is both for older people and for those of working age
- Very few children have tested positive for COVID-19 in Brighton & Hove
- Early testing was within hospitals, care homes and for health and care staff, which will have influenced the age and gender of confirmed cases
- Cases in more recent months have been higher in younger adults

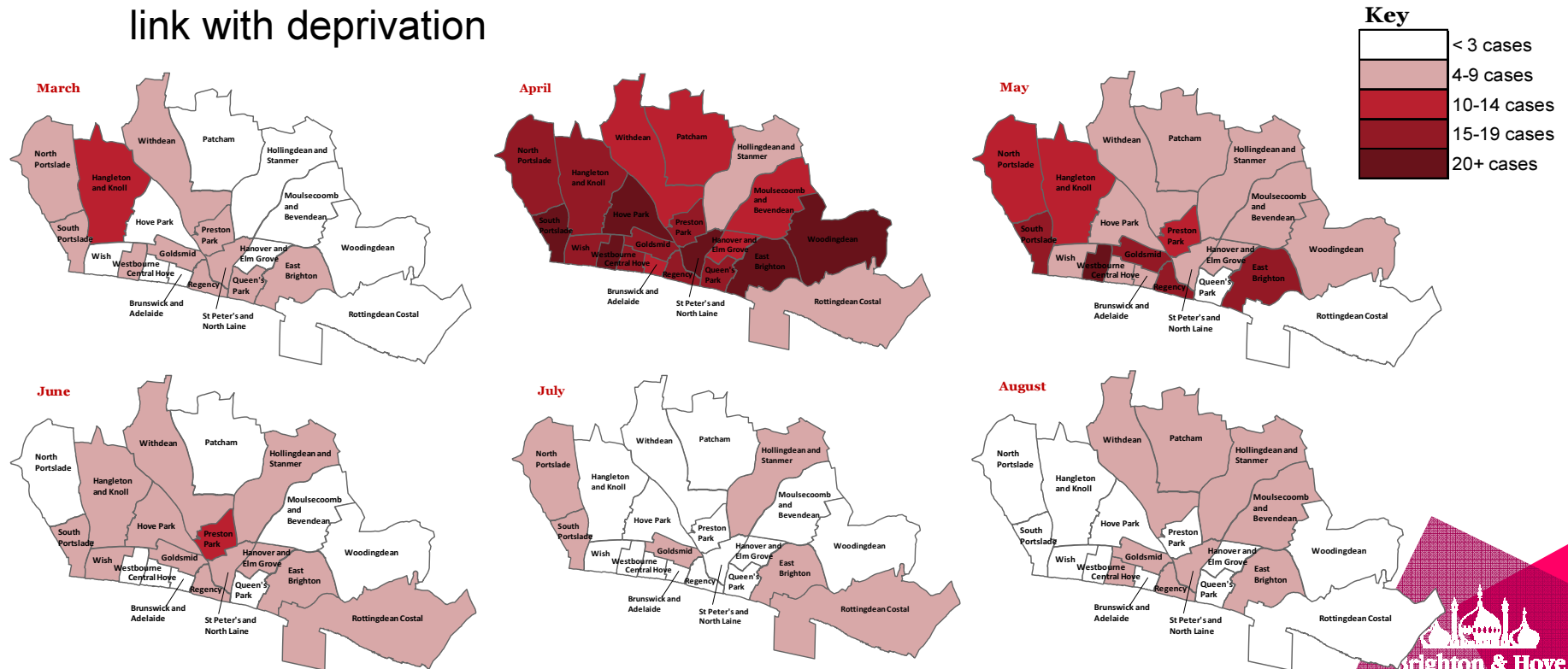
Age and gender breakdown of confirmed cases up to 31<sup>st</sup> August, Brighton & Hove





# Confirmed cases by ward

- There has been no particular concentration in any area of the city and no link with deprivation



Source: Public Health England confirmed cases

# Settings

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There were a small number of cases associated with settings of interest, including restaurant/pub settings. However there have not been any outbreaks declared by Public Health England related to these settings.

This is in contrast with some other parts of the country where there have been outbreaks associated with specific workplaces or pubs/restaurants/venues etc. However we remain alert to this risk in the delivery of our Local Outbreak Plan. Our Environmental Health team are delivering preventative activity in targeted high risk settings.

NHS Test and Trace data indicates the most common categories of exposure for contacts are:

- household
- household visitor
- visiting friends and family.

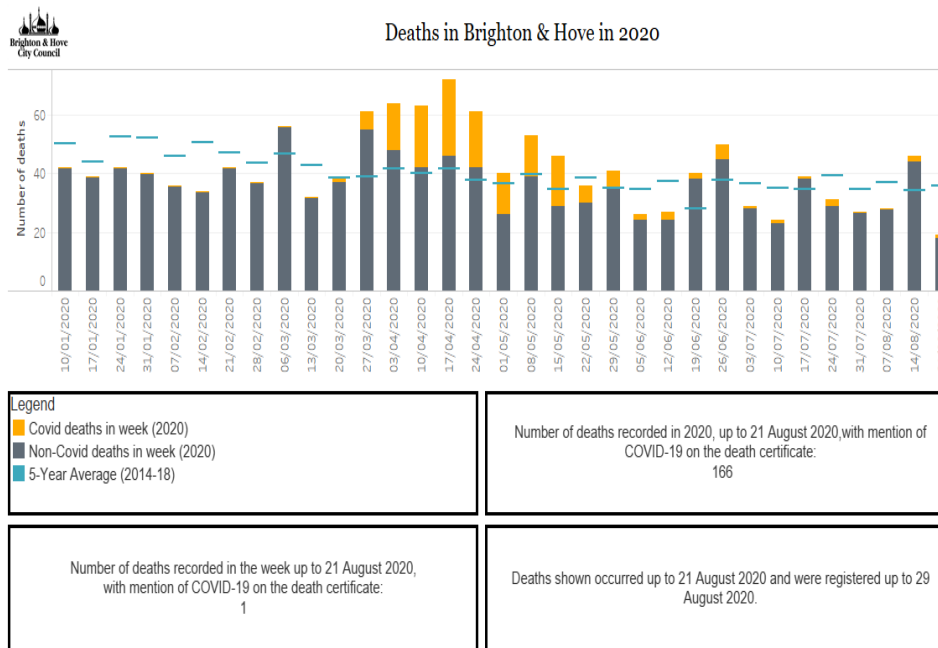
Some cases had a history of recent foreign travel in areas identified on the Govt list.





# Deaths - COVID-19 and excess mortality

- Up to the 21<sup>st</sup> August, 166 Brighton & Hove residents have died with COVID-19 on their death certificate, with one death in the w/e 21<sup>st</sup> August
- It is important to look at all deaths and not just deaths with COVID-19 on the death certificate
- Highest number of deaths were in w/e 17 April. Since then deaths with COVID-19, and all deaths, have reduced
- In the early weeks of 2020, there were fewer deaths per week compared to the average for 2014-18
- From the w/e 27 March up to the w/e 15 May there were excess deaths compared with the average
- From the w/e 27 March up to the 10th July there were 120 excess deaths – however looking at all deaths from January to 21<sup>st</sup> August there have been 23 excess deaths
- 60 deaths of local residents where COVID-19 was mentioned on the death certificate, up to 21 August, occurred in a care home



Source: Office for National Statistics and Public Health England



# Data available to the public

Data	Description	Weblink
Positive cases	Daily update on cases (shown as number of cases and also a rate per 100,000 residents)	<a href="https://coronavirus.data.gov.uk/">https://coronavirus.data.gov.uk/</a>
Positive cases and deaths	Using the cases and deaths tabs in the link - data are available at local authority level	<a href="https://coronavirus-staging.data.gov.uk/">https://coronavirus-staging.data.gov.uk/</a>
Positive cases at sub local authority level	Weekly cases at Middle Super Output Area (MSOA level) - data suppressed if counts of less than 3	<a href="https://www.arcgis.com/apps/webappviewer/index.html?id=47574f7a6e454dc6a42c5f6912ed7076">https://www.arcgis.com/apps/webappviewer/index.html?id=47574f7a6e454dc6a42c5f6912ed7076</a>
NHS Pathways (callers to 111,999 and online 111 assessments)	Information on triages of 999 and 111 callers and completed online assessments which have received a potential coronavirus (COVID-19) final disposition (number and rate per 100,000 population).	<a href="https://digital.nhs.uk/dashboards/nhspathways">https://digital.nhs.uk/dashboards/nhspathways</a>
COVID-19: outbreaks in care homes	Weekly number and percentage of care homes reporting a suspected or confirmed outbreak of COVID-19	<a href="https://www.gov.uk/government/statistical-data-sets/covid-19-number-of-outbreaks-in-care-homes-management-information">https://www.gov.uk/government/statistical-data-sets/covid-19-number-of-outbreaks-in-care-homes-management-information</a>
Hospital data	Regional data– click the healthcare tab for information on admissions, patients in hospital and patients on ventilation	<a href="https://coronavirus-staging.data.gov.uk/">https://coronavirus-staging.data.gov.uk/</a>
Deaths in hospitals	Daily data on deaths in specific NHS Trusts	<a href="https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-daily-deaths/">https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-daily-deaths/</a>
Deaths	Weekly data are published by the Office for National Statistics (on Tuesdays).	<a href="https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/causesofdeath/datasets/deathregistrationsandoccurrencesbylocalauthorityandhealthboard">https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/causesofdeath/datasets/deathregistrationsandoccurrencesbylocalauthorityandhealthboard</a>
Deaths in care homes notified to CQC	Deaths relating to care home residents, provides some additional detail not available on ONS weekly release	<a href="https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/numberofdeathsincarehomesnotifiedtothecarequalitycommissionengland">https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/numberofdeathsincarehomesnotifiedtothecarequalitycommissionengland</a>
Deaths – additional analysis	The Office for National Statistics have released additional analysis – including analysis below local authority level	<a href="https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/bulletins/deathsinvolvingcovid19bylocalareasanddeprivation/deathsoccurringbetween1marchand30june2020">https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/bulletins/deathsinvolvingcovid19bylocalareasanddeprivation/deathsoccurringbetween1marchand30june2020</a>
Google Community Data	Community mobility at local authority level - compares activity ( visits to type of places) with baseline period (3 Jan – 6 Feb 2020)	<a href="https://www.google.com/covid19/mobility/">https://www.google.com/covid19/mobility/</a>



# Key messages

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- City wide
  - Guidelines on social distancing and limiting close contact between different households
  - Self-isolation after travel to affected locations abroad
  - What to do if symptomatic or a contact - NHS Test and Trace
- Ensuring all settings, including businesses, clear on guidelines
- Targeted work with young people
- Collaboration with Universities etc



