Birmingham Local Outbreak Engagement Board Covid-19 Update

18/11/2020

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Key Points

- Case rate is rising, the testing rate remains high but the percentage of positive cases continues to rise.

- Rise in cases across most age groups, the case rate is highest in the 20-29yr age group but there is rise across most age group, particularly concerning is the rise in the over 80yr age group.

- Clusters of cases in care homes are increasing, and there are ongoing outbreaks in workplaces.

- Concern about short and long term impacts of restrictions on unemployment and child poverty.

- Unlikely to see vaccine rolled out before the end of the year.

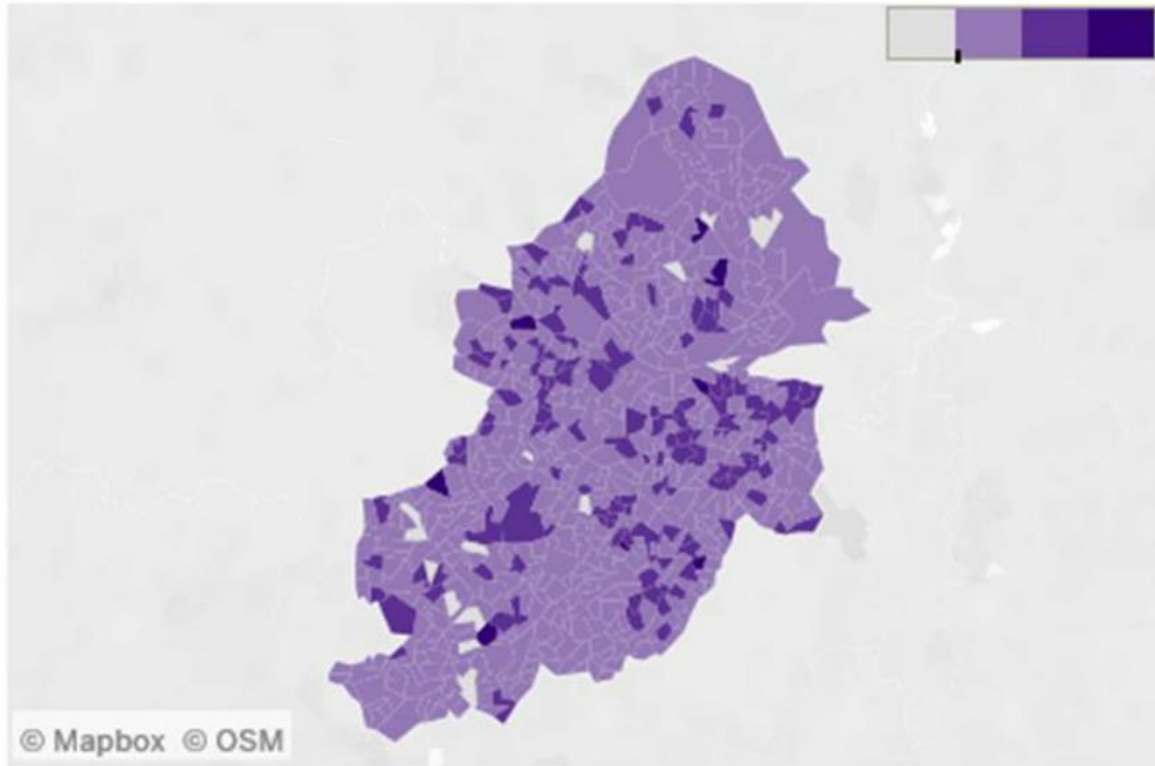# Pillar 1 and 2 testing summary on 15th November

- **Total cases up to the 15th November**   **33,193 cases** ⬆
  - Increase since 8th November 3,531 cases (11.9% increase)
  - Increase since the 24th October 2,038 (
- **7 Day Pillar 2 testing rate at 13th November**   **2,223/100K** ⬆
  - Rate of testing on 6th November   1,933/100K
  - Ranked 12th highest in the region
- **% of positive tests in Pillar 2 at 13th November**   **16.1%** ⬆
  - Higher than the rate on 6th November   14.9 %
- **7 Day Rolling Rate to 15th November (pillar 1 & 2)**   **347.1/100K** ⬆
  - Rate on 8th November   303.5/100K
  - Ranked 7th in region, with Wolverhampton 6th highest (347.8/100K)
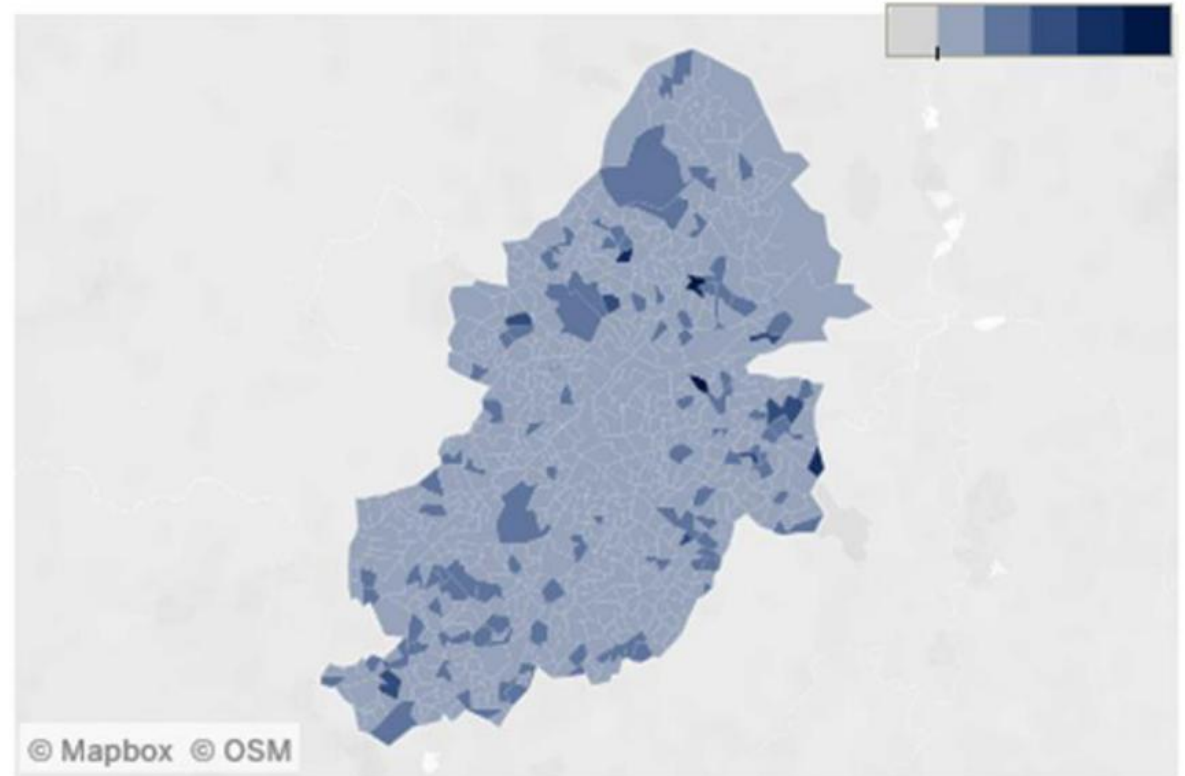
DATA PICTURE

Testing by LSOA (Pillar 2 only, 7 days up to Nov. 13th)

7-day rate of positive Pillar 2 tests LSOA
(per 100K population) Range 0.0 to 1,573.0

7-day rate of total Pillar 2 tests LSOA
(per 100K population) Range 0.4K to 14.5K

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Test Locations

Drive-through facilities

From the 2nd November, it is planned that only 1 Mobile Testing Unit (MTU) will be deployed in the city centre with a 2nd unit in a suburban location. The MTU at the Holt St site will be stood down until the end of November, with future deployment of locations dictated by booking numbers.
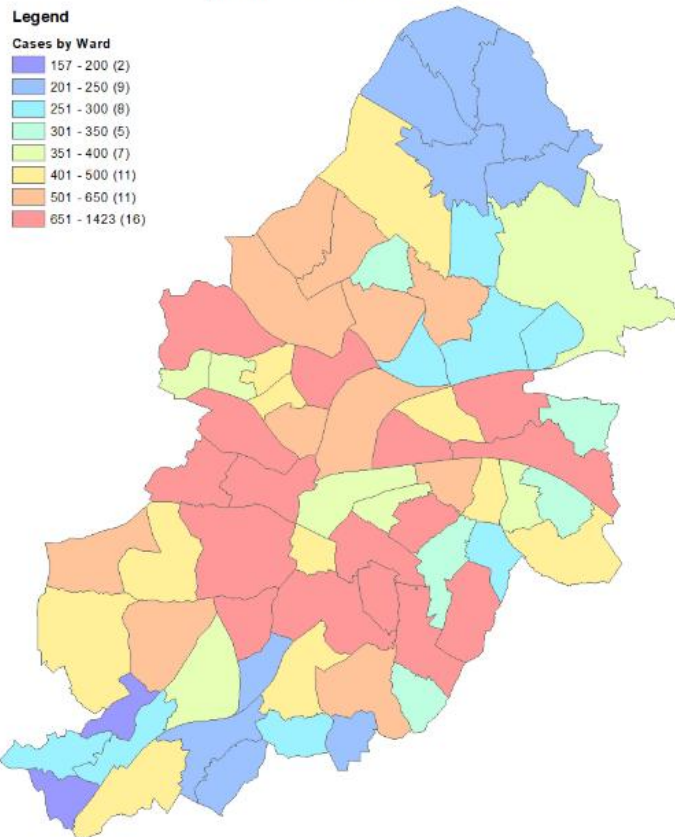
Walk-through facilities

- Villa St Lozells

- South Parade Sutton Coldfield

- University of B/ham Selly Oak South Gate Car Park

- Summerfield Community Sports Centre

- Woodgate Valley Country Park

- Saltley Health & Wellbeing Centre

- Alfred Rd Car Park Sparkbrook

- Aston University Car Park 6, Coleshill St

- Lifford House, 45 Fordhouse Lane, Stirchley

- 7 Capital Erdington, Orphanage Rd – Target build late Nov

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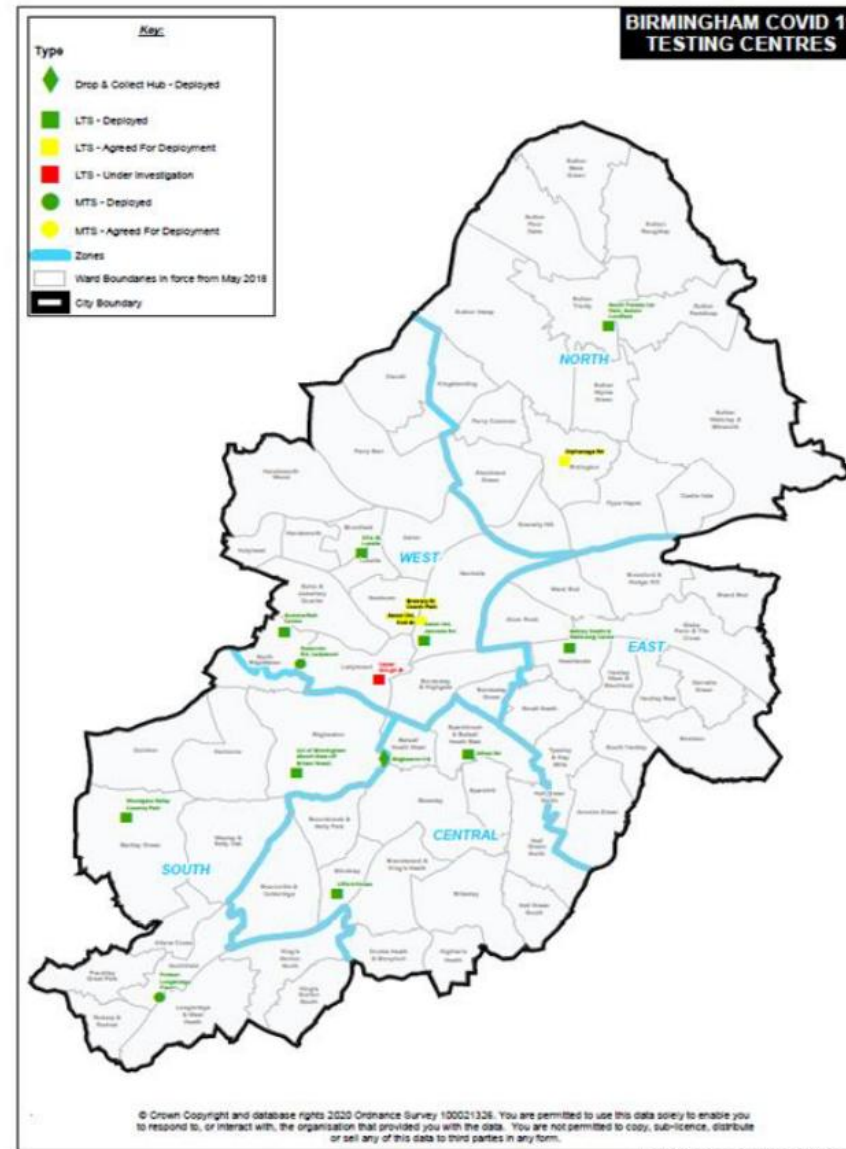
Cases by ward (total, last month & last week)

Confirmed Cases by Ward 1st March to 15th November
(Pillar 1 & Pillar 2 Tests)

Legend
Cases by Ward
- 157 - 200 (2)
- 201 - 250 (9)
- 251 - 300 (8)
- 301 - 350 (5)
- 351 - 400 (7)
- 401 - 500 (11)
- 501 - 650 (11)
- 651 - 1423 (16)

Source: PHE Covid-19 Situational Awareness Explorer (weekly line listing) produced 17th November 2020.
Produced by Birmingham Public Health Division (2020).
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All Cases

Confirmed Cases by Ward 16th October to 15th November
(Pillar 1 & Pillar 2 Tests)
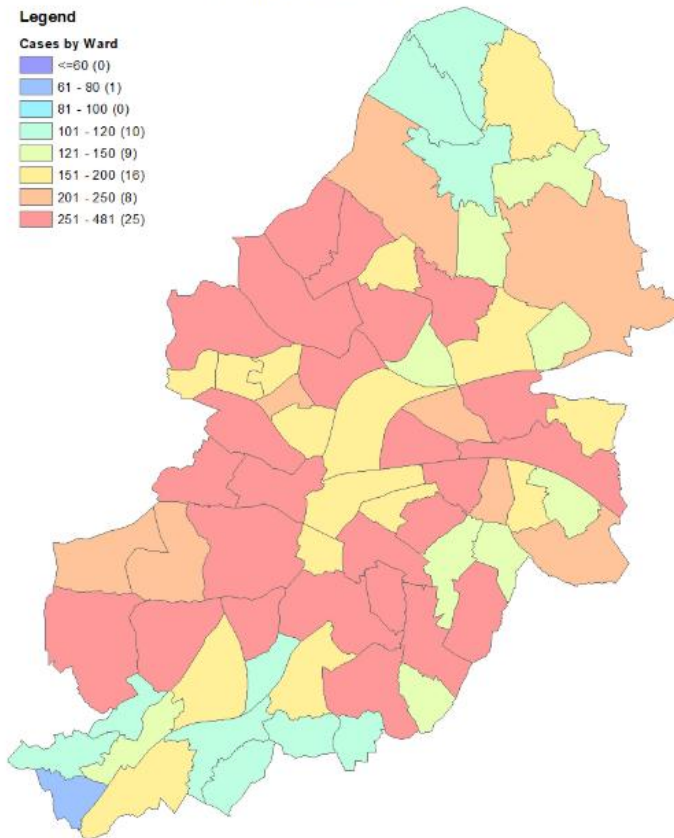
Legend
Cases by Ward
- <=60 (0)
- 61 - 80 (1)
- 81 - 100 (0)
- 101 - 120 (10)
- 121 - 150 (9)
- 151 - 200 (16)
- 201 - 250 (8)
- 251 - 481 (25)

Source: PHE Covid-19 Situational Awareness Explorer (weekly line listing) produced 17th November 2020.
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Last Month

Confirmed Cases by Ward 9th November to 15th November
(Pillar 1 & Pillar 2 Tests)

Legend
Cases by Ward
- 18 - 20 (2)
- 21 - 30 (10)
- 31 - 40 (12)
- 41 - 50 (8)
- 51 - 60 (6)
- 61 - 70 (10)
- 71 - 80 (8)
- 81 - 129 (13)

Source: PHE Covid-19 Situational Awareness Explorer (weekly line listing) produced 17th November 2020.
Produced by Birmingham Public Health Division (2020).
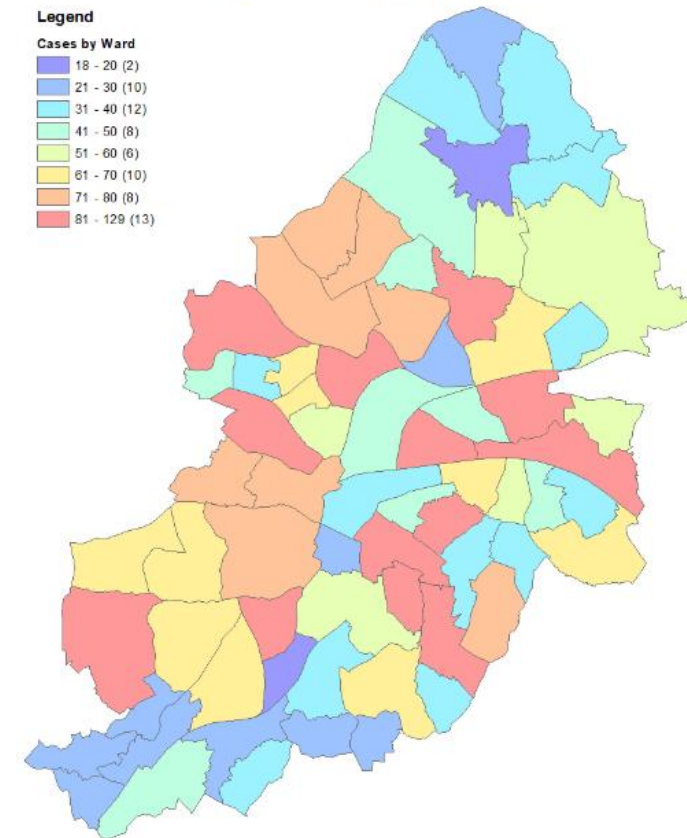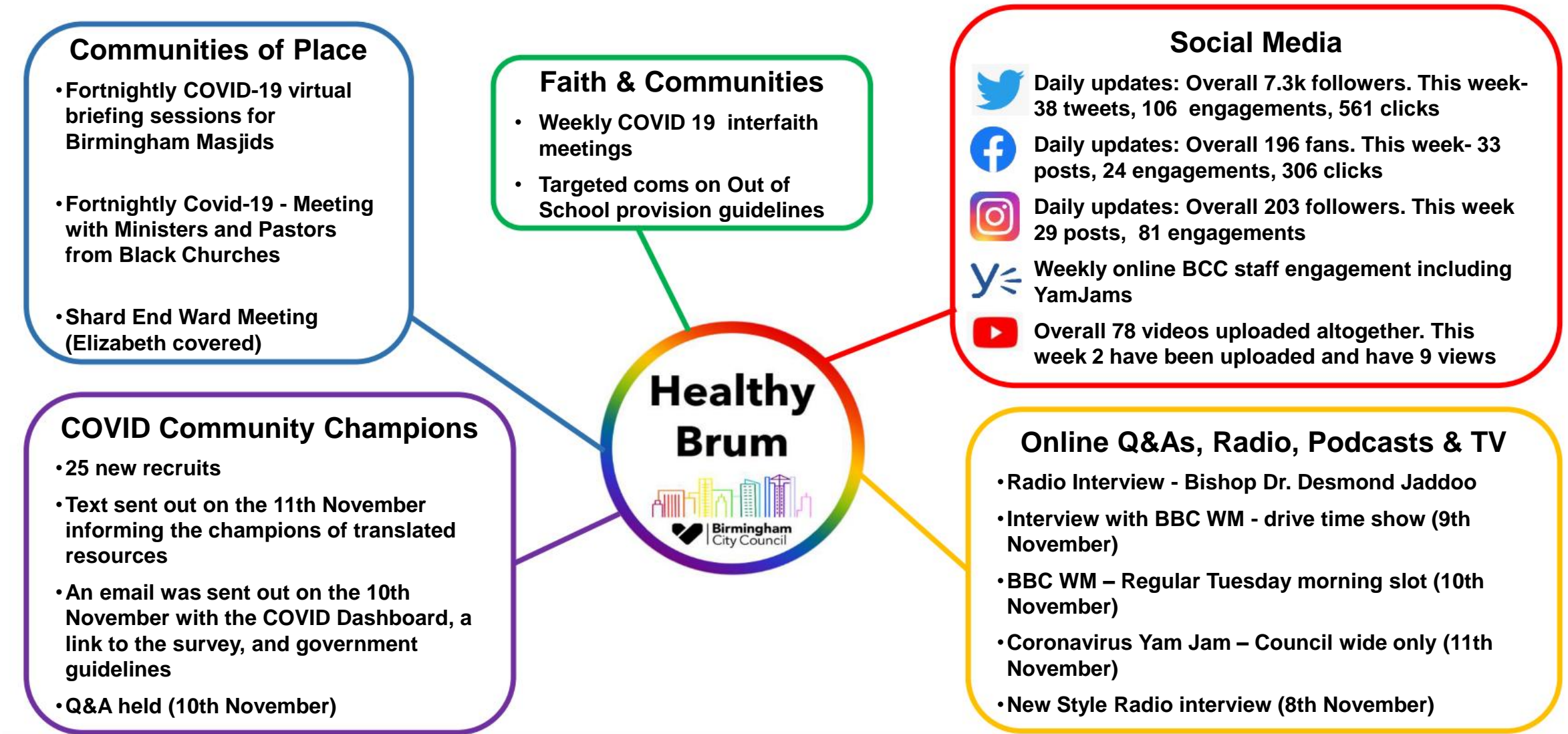© Crown copyright and database rights 2020 Ordnance Survey 100021326.

Last Week

Note: Cases for the week 9th to 15th November are likely to be an under-estimate due to time-lags in reporting

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Community Engagement 9th November – 15th November 2020

Communities of Place

- Fortnightly COVID-19 virtual briefing sessions for Birmingham Masjids

- Fortnightly Covid-19 - Meeting with Ministers and Pastors from Black Churches

- Shard End Ward Meeting (Elizabeth covered)

Faith & Communities

- Weekly COVID 19 interfaith meetings

- Targeted coms on Out of School provision guidelines

Social Media

- Daily updates: Overall 7.3k followers. This week- 38 tweets, 106 engagements, 561 clicks

- Daily updates: Overall 196 fans. This week- 33 posts, 24 engagements, 306 clicks

- Daily updates: Overall 203 followers. This week 29 posts, 81 engagements

- Weekly online BCC staff engagement including YamJams

- Overall 78 videos uploaded altogether. This week 2 have been uploaded and have 9 views

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COVID Community Champions

- 25 new recruits
- Text sent out on the 11th November informing the champions of translated resources
- An email was sent out on the 10th November with the COVID Dashboard, a link to the survey, and government guidelines
- Q&A held (10th November)

Online Q&As, Radio, Podcasts & TV

- Radio Interview - Bishop Dr. Desmond Jaddoo

- Interview with BBC WM - drive time show (9th November)

- BBC WM – Regular Tuesday morning slot (10th November)

- Coronavirus Yam Jam – Council wide only (11th November)

- New Style Radio interview (8th November)

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Age Profile of Cases

- Rise in case rates across most age groups.

- Rise in some age groups reflects increase in workplace clusters.

- Significant rise in over 80yr age group, some of this is linked to care home outbreaks and is of concern.

- Analysis of the under 21yr age group shows fall in older ages but rise in 11-15yr age group.

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COVID-19 Birmingham Cases Rate per 100,000 Population by Week & Age Group
Week ending 6th September to Week ending 15th November (incomplete week)
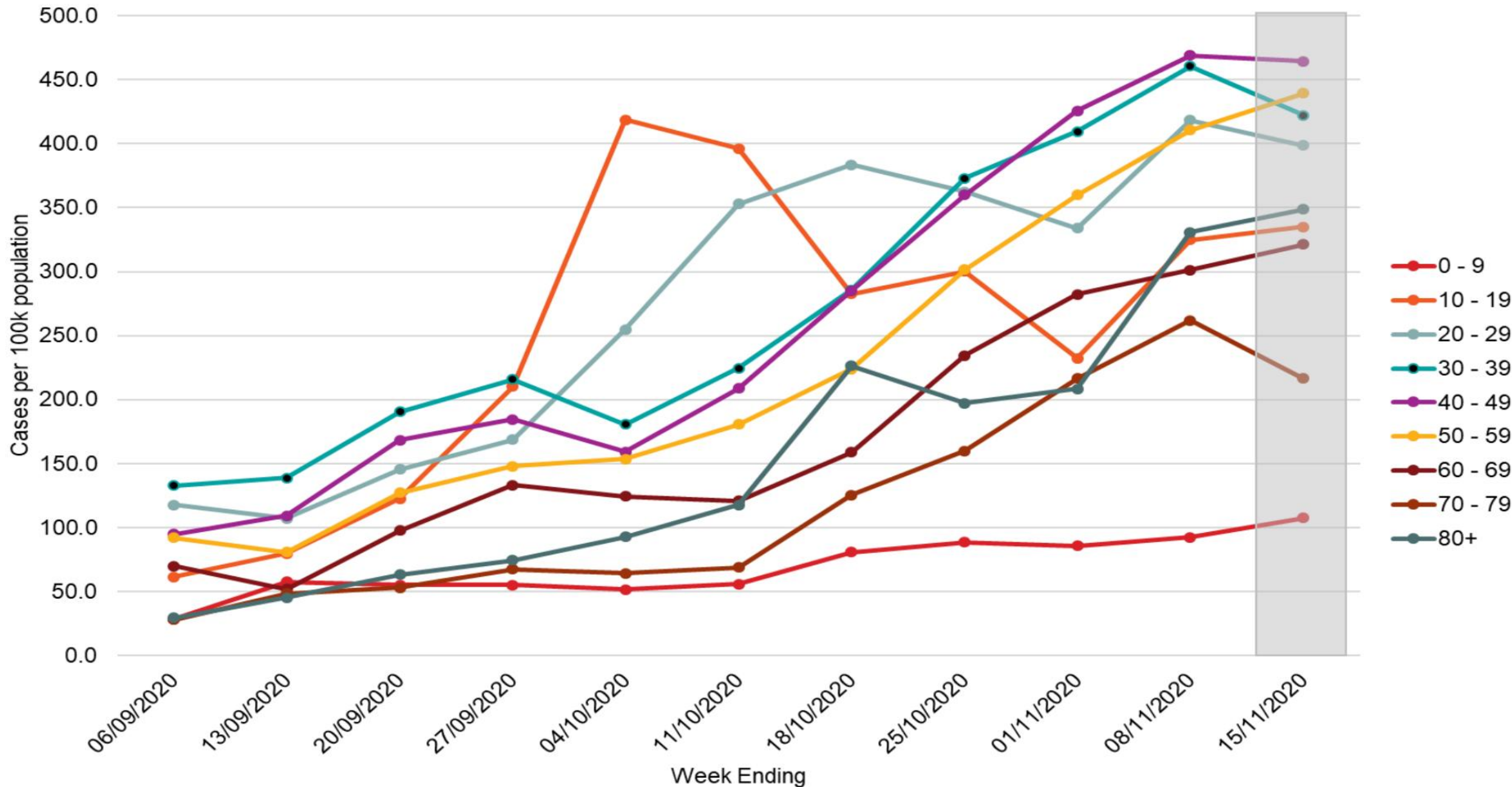
COVID-19 Birmingham Cases by Week and Age Group

Key points to highlight

- This data also comes from the individual case line listings.

- There is an increasing number of positive cases across all age groups but this is over 200 new cases in the 20 – 39 age bracket.

- This does reflect a slight increase in student cases as well as a marked increase in clusters of cases linked to workplaces.
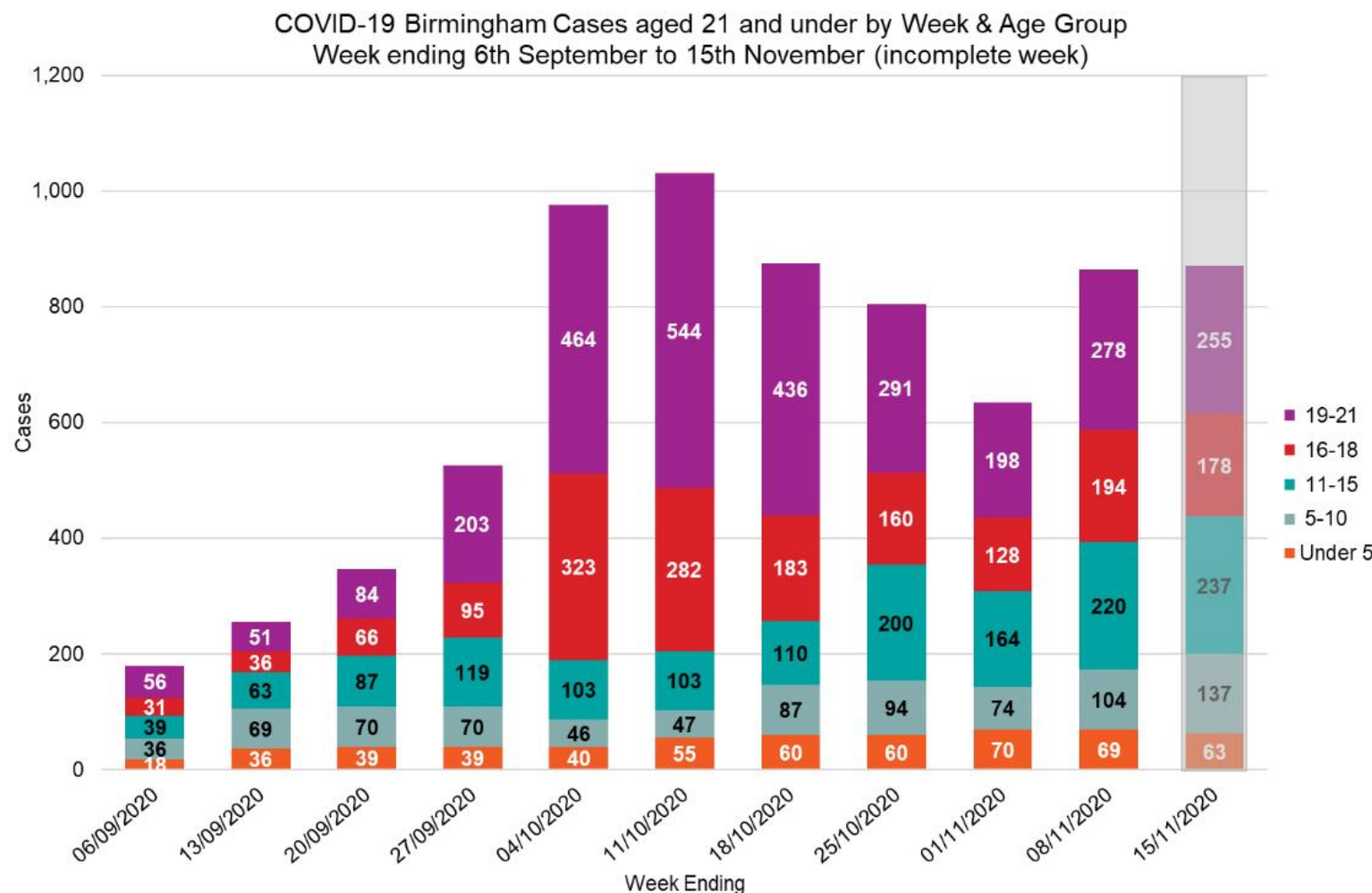

COVID-19 Birmingham Cases by Week & Age Group
Week ending 6th September to Week ending 15th November (incomplete week)
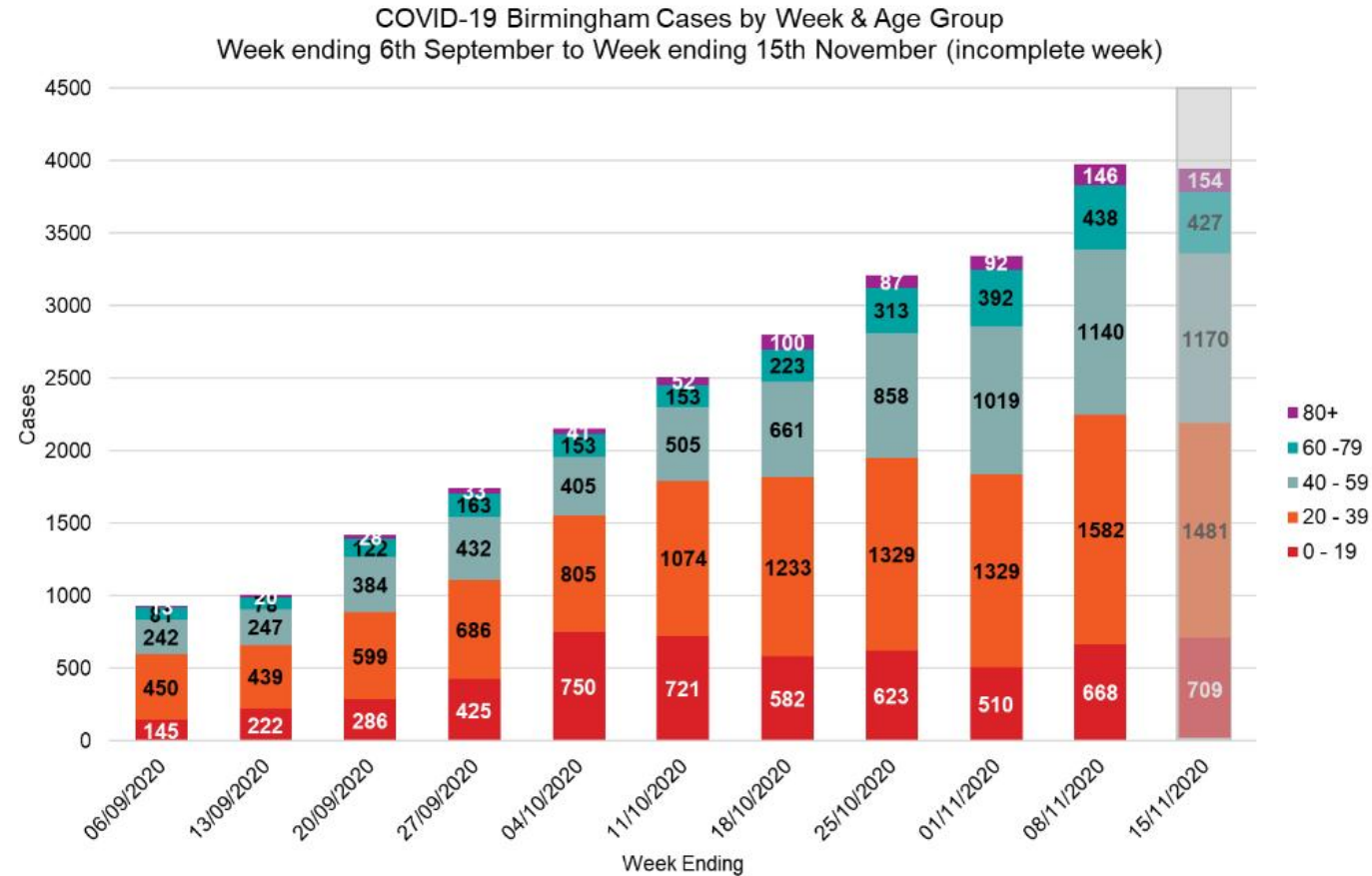
Data Source: PHE West Midlands Incident Co-ordination Centre
(NB: different data sources)

Note: Cases for the week 12th October to 18th October are likely to be an under-estimate due to time-lags in reporting.

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Analysis of new cases in under 21yr age group

COVID-19 Birmingham Cases aged 21 and under by Week & Age Group
Week ending 6th September to 15th November (incomplete week)

Key points to highlight

- This data also comes from the individual case line listings and there is a lag in reporting so the most recent week is subject to change.

- The largest number of new cases is being observed in the 19-21 age group. This has risen in the most recent complete week of data compared to the previous week but is significantly lower than the numbers in mid October.

Source: PHE COVID-19 Positive Test Data (weekly line listing)

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Data Source: PHE West Midlands Incident Co-ordination Centre
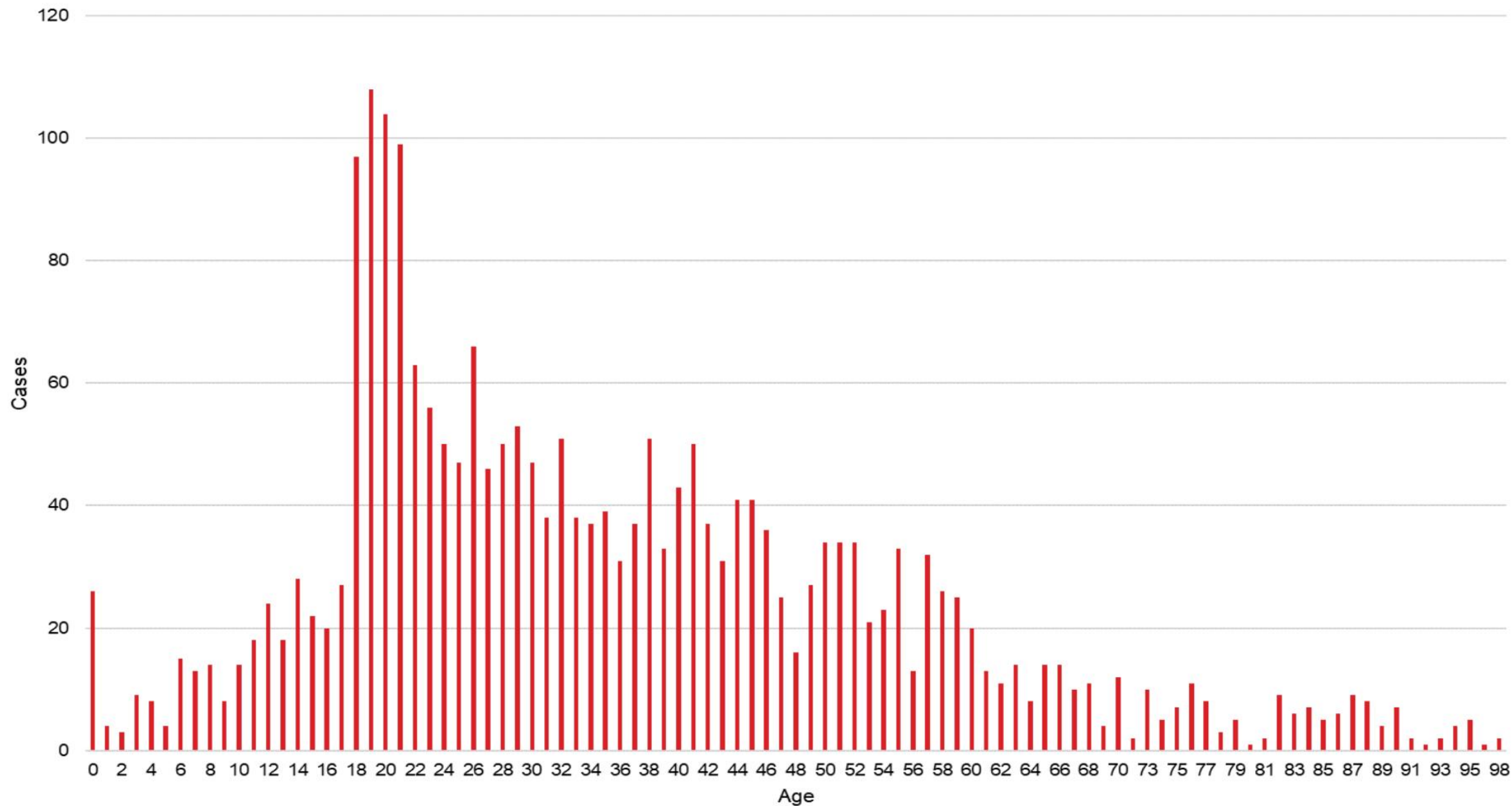**(NB:different data sources)**

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Birmingham Universities

Period of data reporting: Wednesday 4th November to Tuesday 10th November 2020 inclusive

|					
Total Staff Population	**Circa:** **15,000**	**Total number of Staff who have tested Positive in the last 7 days**	33	**Sub-total of these Staff who had been on campus prior to symptoms/ positive test**	14
Total Student Population	**Circa:** **80,000**	**Total number of Students who have tested positive in last 7 days**	199 **=246/100K or 0.25%**	**Sub-total of these Students who had been on campus two days prior to symptoms/ positive test**	77 **=95/100K or 0.1%**

N.B. Data released on Wednesdays

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Cases by Age Week Ending 18th of October 2020

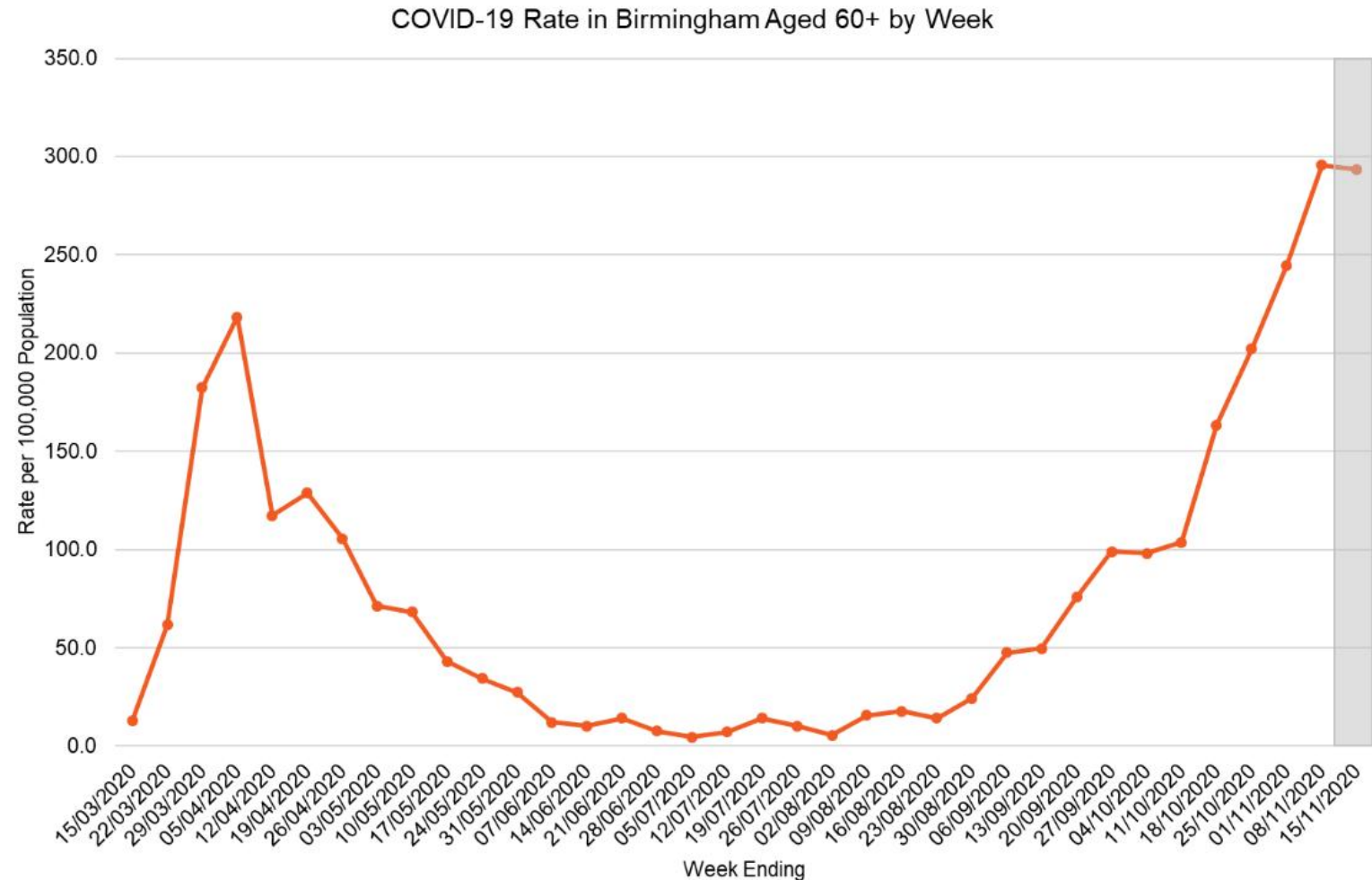Cases by Age Week Ending 15th November 2020 (incomplete week)
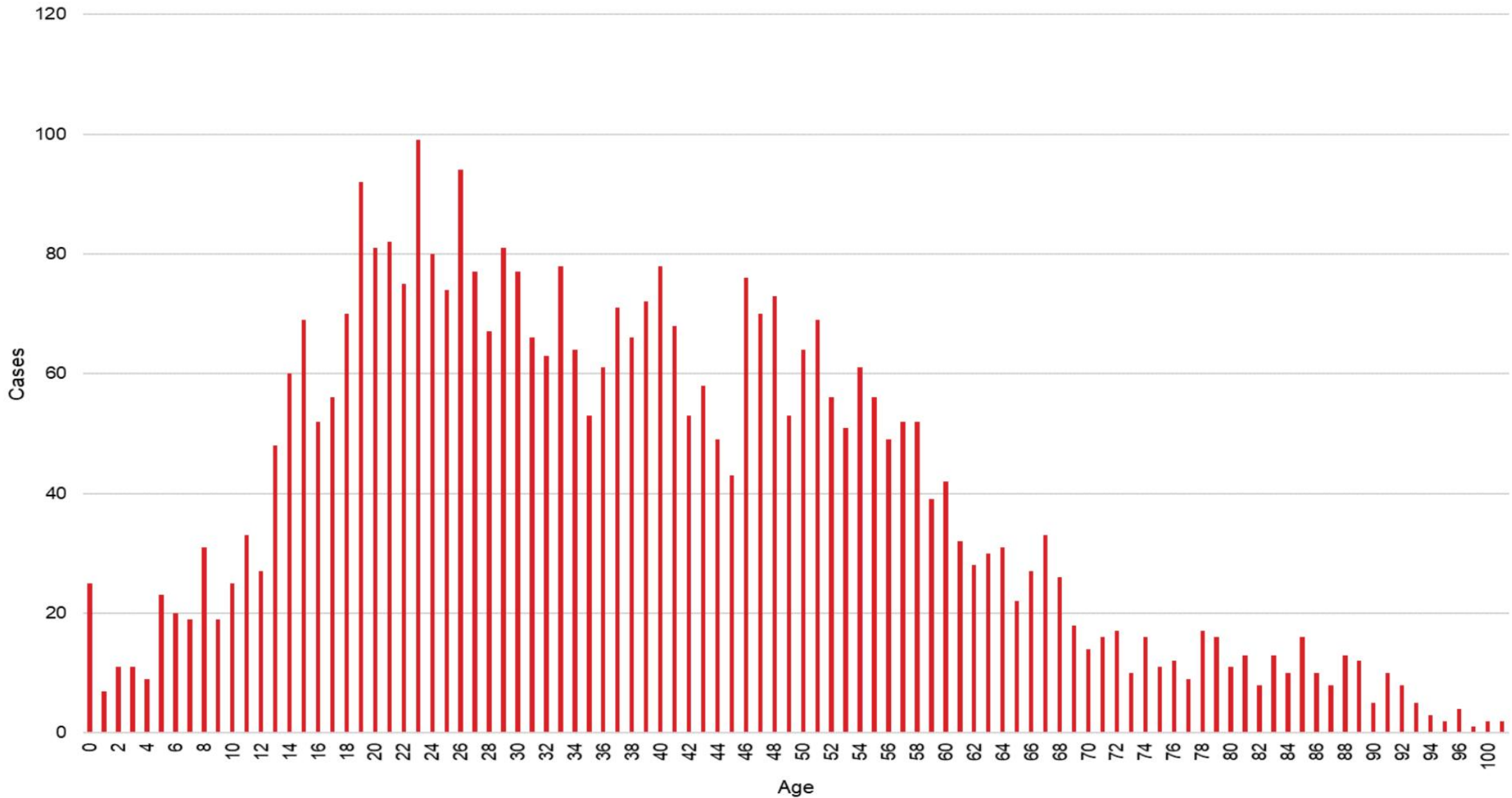
Case rate in 60+ population

This chart shows how the case rate within the 60+ years population has changed since the start of the outbreak.

The rate has risen over October and early November and this reflects an increase in cases in care homes.

The last week is an incomplete week so is shaded out.

COVID-19 Rate in Birmingham Aged 60+ by Week

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Wards with the highest case rates in the 60+ population

7-days 9th November to 15th November

Ward Name	Cases 60+	Population 60+	Rate 60+	Cases All Ages	Rate All Ages
Sutton Wylde Green	25	2,963	843.7	45	505.6
Yardley East	20	2,398	834.0	36	347.4
Yardley West & Stechford	16	1,971	811.8	45	354.3
Birchfield	12	1,571	763.8	55	438.0
Lozells	8	1,049	762.6	72	734.0
Aston	21	2,779	755.7	134	555.0
Bromford & Hodge Hill	26	3,467	749.9	113	521.2
Small Heath	18	2,413	746.0	85	402.6
Alum Rock	18	2,710	664.2	129	472.3
Glebe Farm & Tile Cross	25	3,825	653.6	94	391.2

Cases by Ethnicity & Week

Key points to highlight

- This data also comes from the individual case line listings and there is a lag in reporting so the most recent week may be updated.

- It is important to highlight that without the demographic of individuals testing it is difficult to know if this reflects differences in uptake of testing in different communities.

- In the last three weeks there has been an increase in the number of cases within the white population.
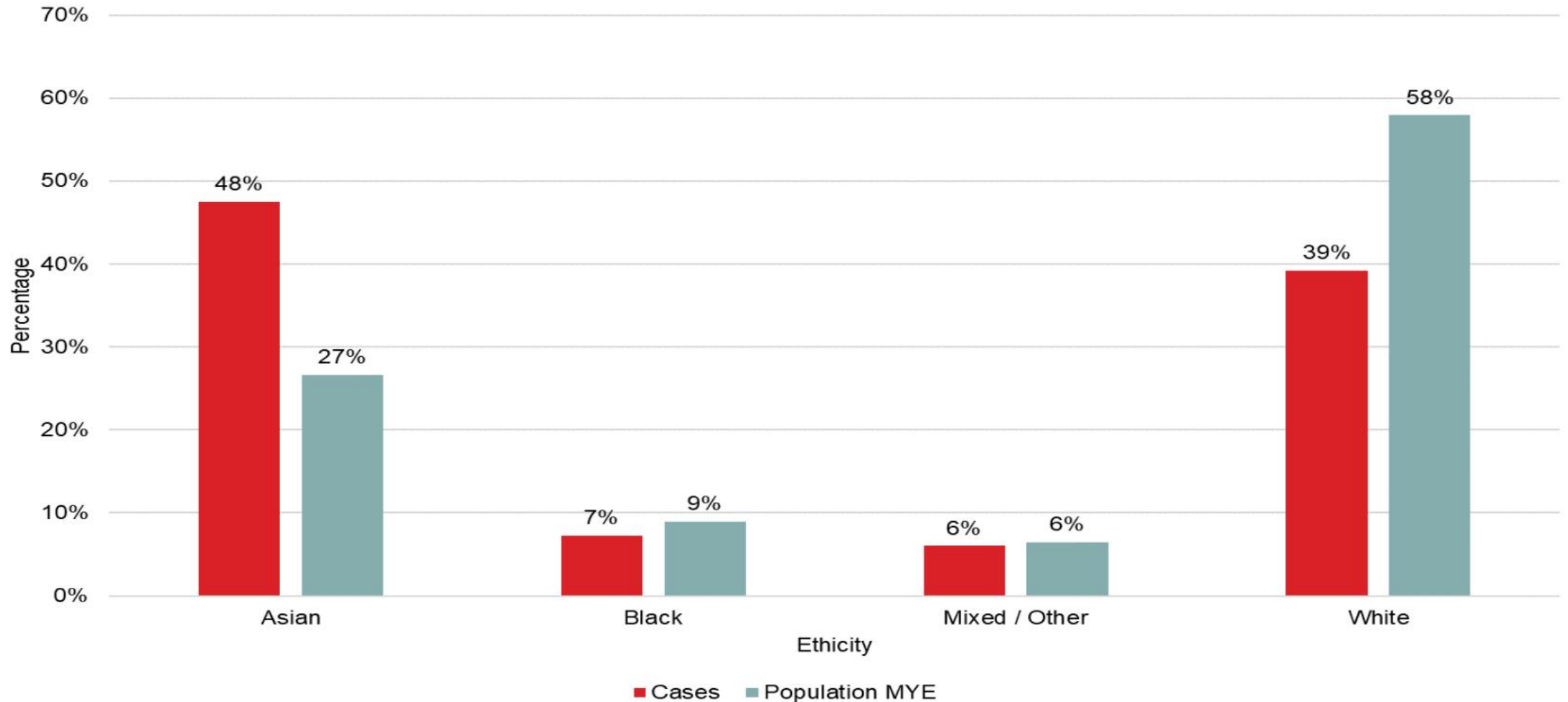
COVID-19 Birmingham Cases by Week & Ethnicity
Week ending 6th September to 15th November (incomplete week)
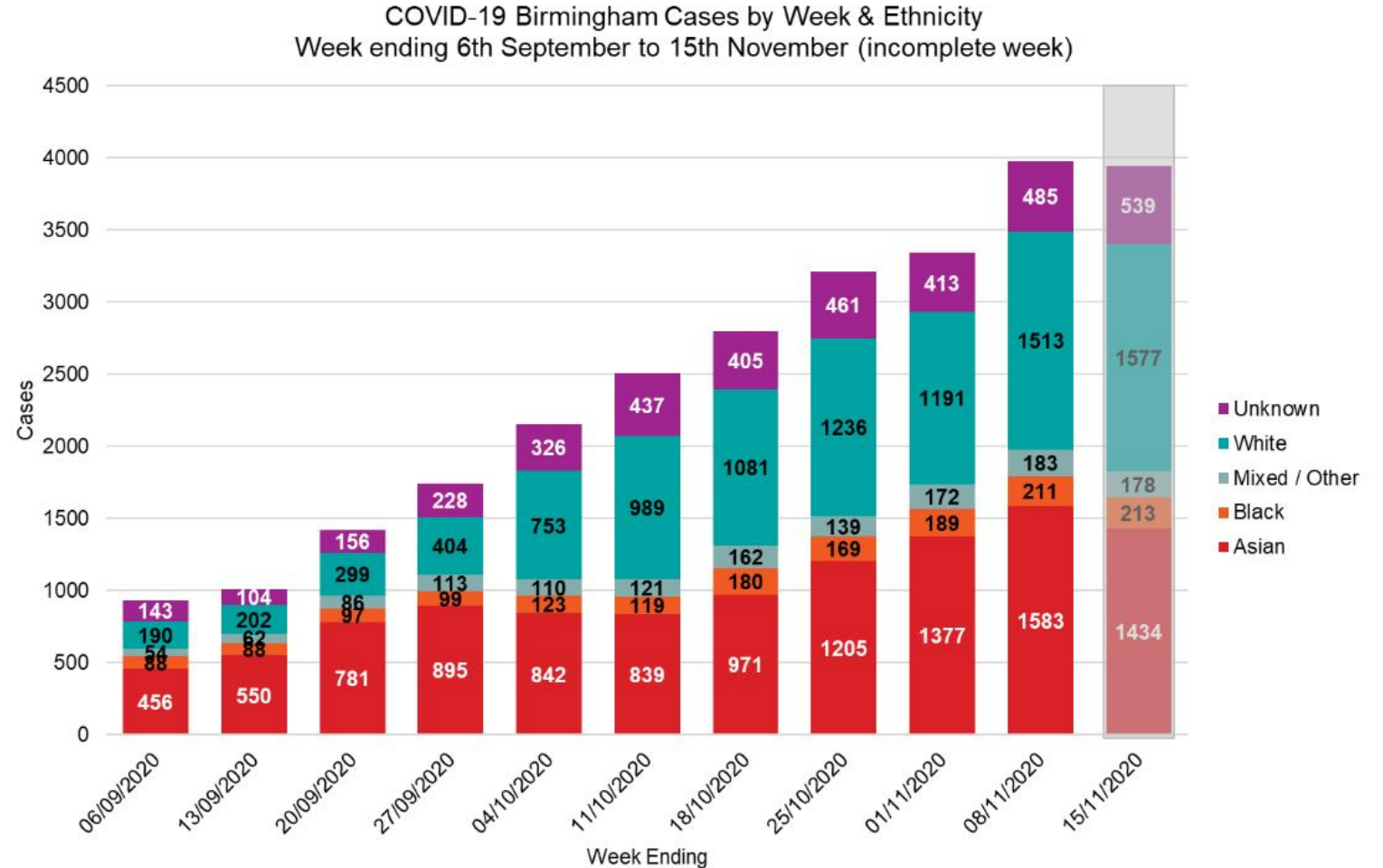
Source: PHE COVID-19 Positive Test Data (weekly line listing)

Note: Cases for the week 17th August to 23rd to August are likely to be an under-estimate due to time-lags in reporting.

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COVID-19 Cases 1st June to 15th November by Ethnicity vs Birmingham Population by Ethnicity (2018 mid year estimates) * excludes cases with unknown ethnicity

Source: PHE COVID-19 Positive Test Data (weekly line listing)

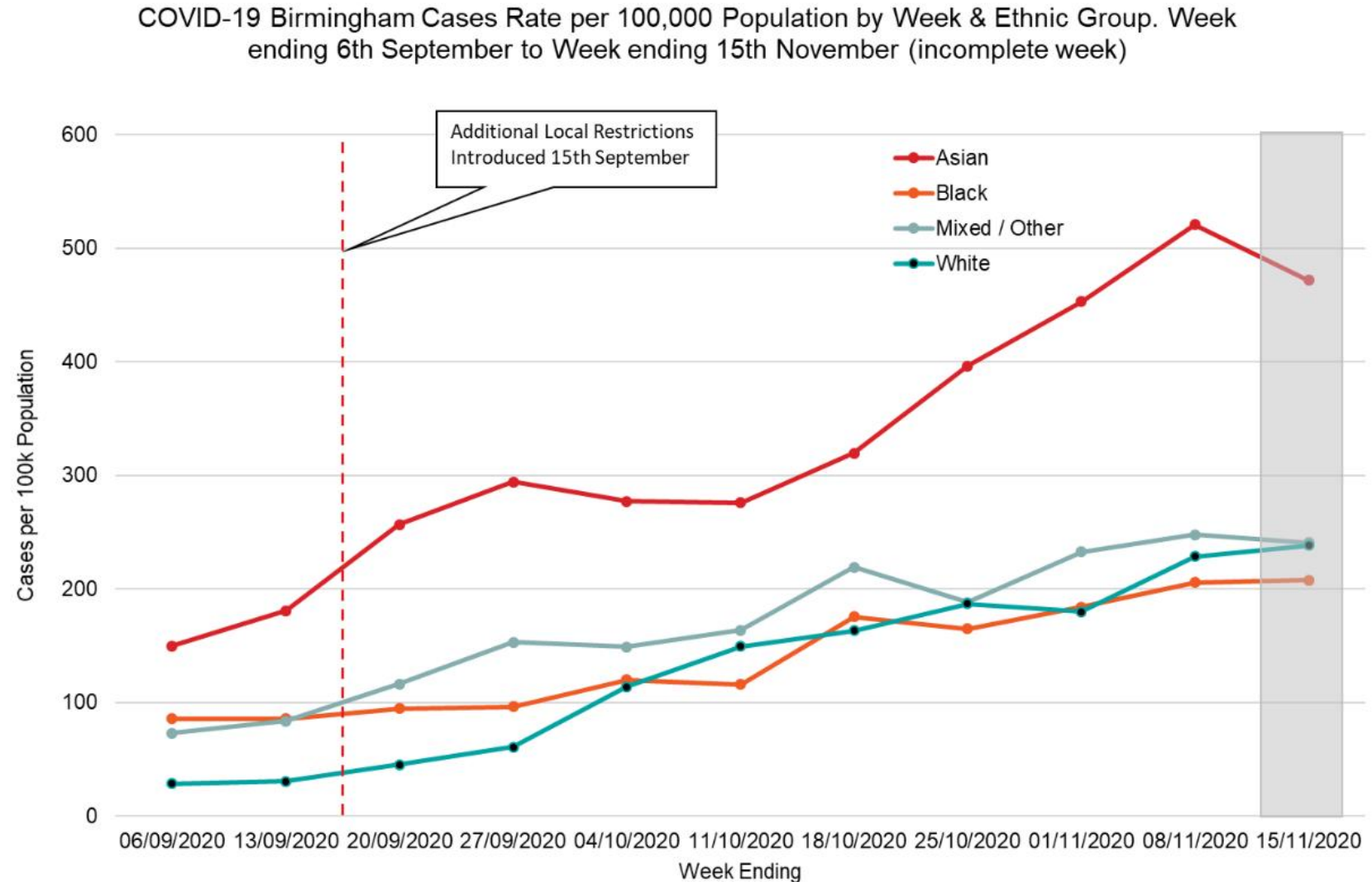Note: Cases for the week 19th to 25th October are likely to be an under-estimate due to time-lags in reporting.

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Case rate by ethnicity

This chart shows the change in case rates by ethnicity from the week ending 6th September to the week ending 15th November.

In the last week we have seen an increase in the case rate in Asian communities and some flattening of the case rate in other communities.

Week ending 15th November is an incomplete week therefore the rates shown at the end of the graph are artificially low.

COVID-19 Birmingham Cases Rate per 100,000 Population by Week & Ethnic Group. Week ending 6th September to Week ending 15th November (incomplete week)

Note: Cases for the week 12th October to 18th October are likely to be an under-estimate due to time-lags in reporting.

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Situation Summary

Public Health England define situations as:

- Cluster: A number of cases with possible but unconfirmed epidemiological link
- Outbreak: A number of cases with highly probable or confirmed epidemiological link
- Exposure: Where a person or a number of people have been exposed
- Issue: Where there is a local situation that requires monitoring
- Threat: A wider situation which required long term monitoring and planning

Situational issues

Week ending	New situations count	Issues	Exposures	Outbreaks	Enquiry	Clusters	Commentary
15/11/2020	269	1	161	84	6	17	
08/11/2020	324		205	96		23	
01/11/2020	231	1	137	78		15	
25/10/2020	447		330	105	1	11	As of the 15th November 2020 there have been 495 situations in residential & clinical settings, 2425 situations in education, early year settings and post 16 education, 136 situations in workplace settings, and 319 situations in other settings.
18/10/2020	517	3	376	127	2	9	
11/10/2020	444		288	141	1	14	
04/10/2020	282	1	225	51	0	5	
27/09/2020	183	10	98	56	3	16	
20/09/2020	193	4	127	35	6	21	
13/09/2020	131	2	84	27	3	15	
06/09/2020	60	8	38	11	2	1	
30/08/2020	39	4	26	7	2	0	
23/08/2020	33	2	22	6	3	0	
16/08/2020	47	4	22	12	8	1	
09/08/2020	28	5	11	7	1	4	
02/08/2020	24	1	13	10	0	0	
26/07/2020	25	4	17	4	0	0	Situations are defined as:
19/07/2020	16	3	9	4	0	0	Issue - suspected case
12/07/2020	19	3	12	4	0	0	Exposure- single confirmed case
05/07/2020	11	5	2	4	0	0	Cluster - two cases linked to a setting within 14 days
28/06/2020	14	4	6	4	0	0	Outbreak - two cases linked to each other in a setting within 14 days
21/06/2020	17	7	9	1	0	0	
14/06/2020	14	3	7	4	0	0	
07/06/2020	6	3	1	2	0	0	
26/05/2020	1	0	0	0	0	1	
Total	3375	78	2226	880	38	153	

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Situation Awareness

- Ongoing number of situations associated with schools but limited evidence of transmission in the classroom.
- Increasing number of challenging workplaces emerging through contact tracing. Investigations highlight lack of social distancing and car sharing as particular issues.
- Small number outbreaks/clusters in NHS settings linked to failure to follow covid-safety procedures especially when not in patient facing activities.
- Increasing numbers of outbreaks in Care Homes (<10 cases) but of concern and several larger outbreaks. Investigation highlights failures in social distancing and PPE primarily.
- Some issues in student accommodation, shift in pattern now to private rental accommodation, relative numbers are still small compared to total student population and few have actually attended classes.

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