

Birmingham Cabinet Covid-19 Update

16/03/2020



STEP 1: 8 March



Schools and colleges are open for all students. Practical Higher Education Courses.



Recreation or exercise outdoors with household or one other person.
No household mixing indoors.



Wraparound childcare.



Stay at home.



Funerals (30), wakes and weddings (6).

29 March



Rule of 6 or two households outdoors.
No household mixing indoors.



Outdoor sport and leisure facilities.



Organised outdoor sport allowed (children and adults).



Minimise travel.
No holidays.



Outdoor parent & child groups (up to 15 parents).

STEP 2

At least five weeks after Step 1, no earlier than 12 April.



Indoor leisure (including gyms) open for use individually or within household groups.



Rule of 6 or two households outdoors.
No household mixing indoors.



Outdoor attractions, such as zoos, theme parks and drive-in cinemas.



Libraries and community centres.



Personal care premises.



All retail.



Outdoor hospitality.



All children's activities, indoor parent & child groups (up to 15 parents).



Domestic overnight stays (household only).



Self-contained accommodation (household only).



Funerals (30), wakes, weddings, receptions (15).



Minimise travel.
No international holidays.



Event pilots begin.

STEP 3

At least five weeks after Step 2, no earlier than 17 May.



Indoor entertainment and attractions.



30 person limit outdoors.
Rule of 6 or two households indoors (subject to review).



Domestic overnight stays.



Organised indoor adult sport.



Most significant life events (30).



Remaining outdoor entertainment (including performances).



Remaining accommodation.



Some large events (except for pilots) - capacity limits apply.
Indoor events: 1,000 or 50%.
Outdoor other events: 4,000 or 50%.
Outdoor seated events: 10,000 or 25%.



International travel - subject to review.

STEP 4

At least five weeks after Step 3, no earlier than 21 June.
By Step 4, the Government hopes to be able to introduce the following (subject to review):



No legal limits on social contact.



Nightclubs.



Larger events.

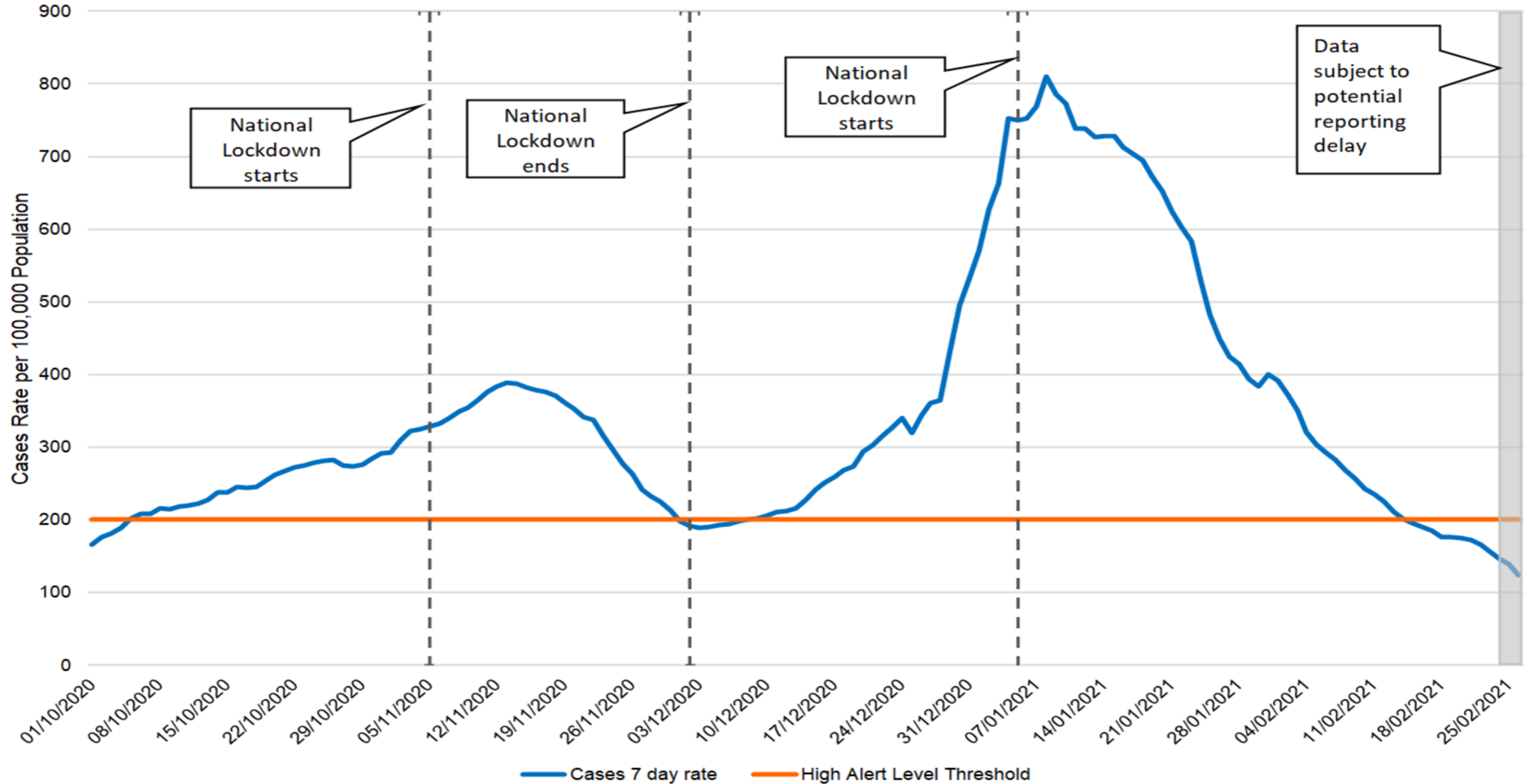


No legal limit on all life events.

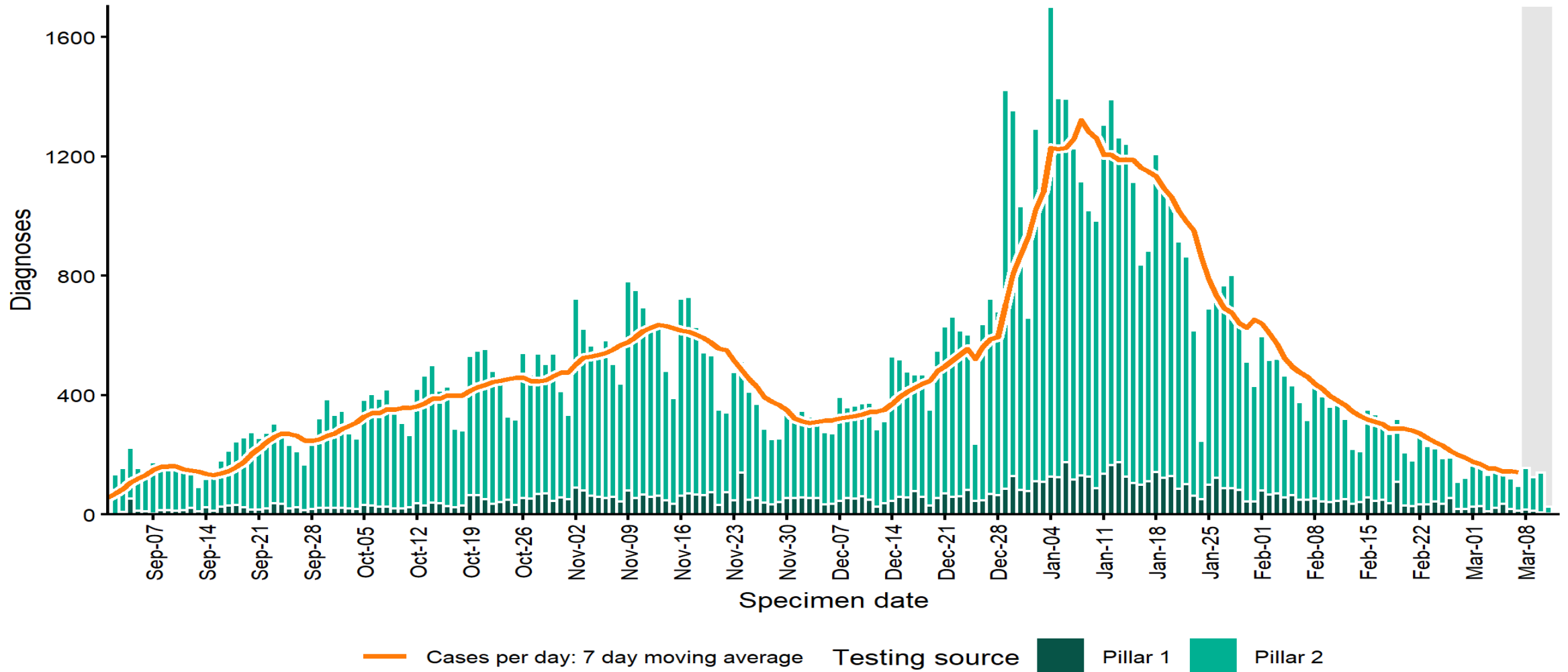
DATA PICTURE



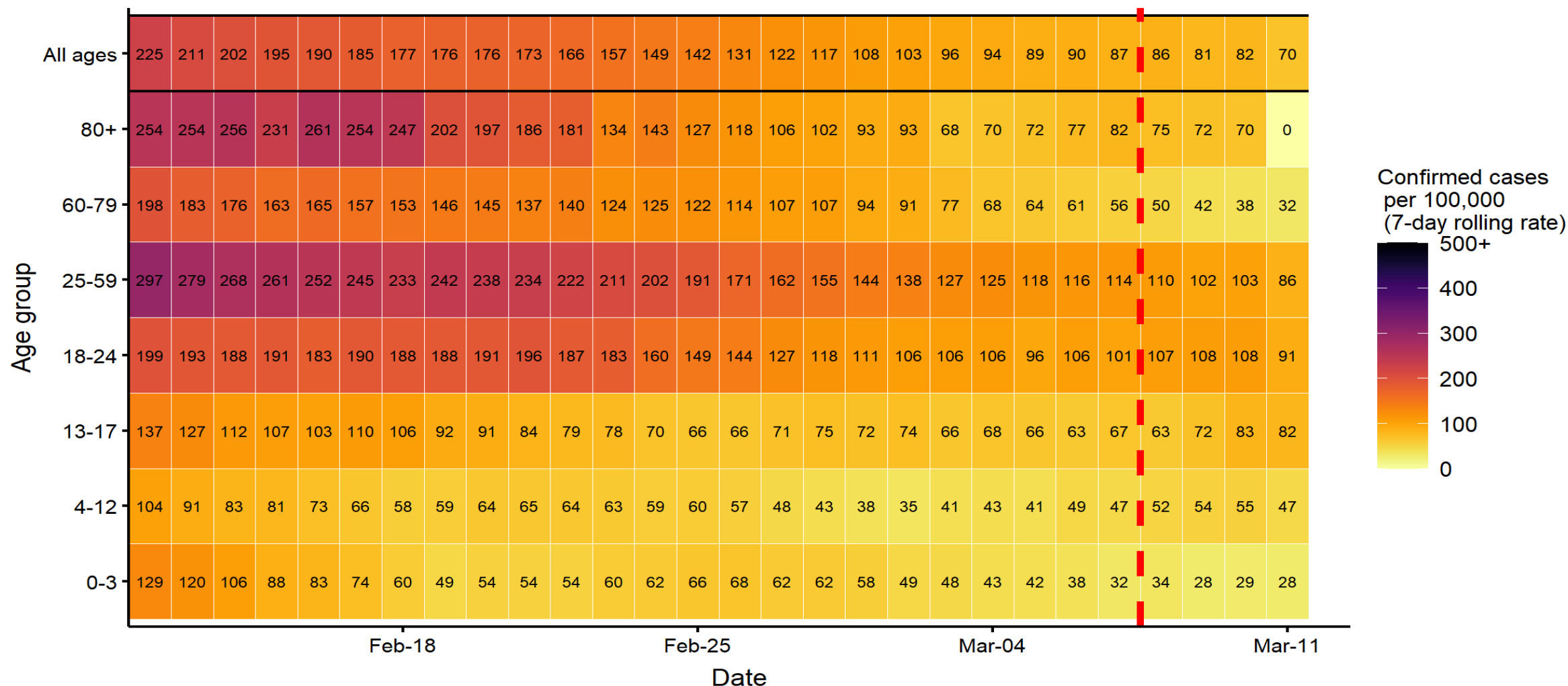
Birmingham Cases Rate per 100,000 Population: 7 day rolling rate benchmarked against alert level thresholds



Epidemic curve of confirmed COVID-19 cases in Birmingham since September 1, 2020 to 7th March, by specimen date and pillar. *4 most recent days subject to reporting delay - indicated by grey background*

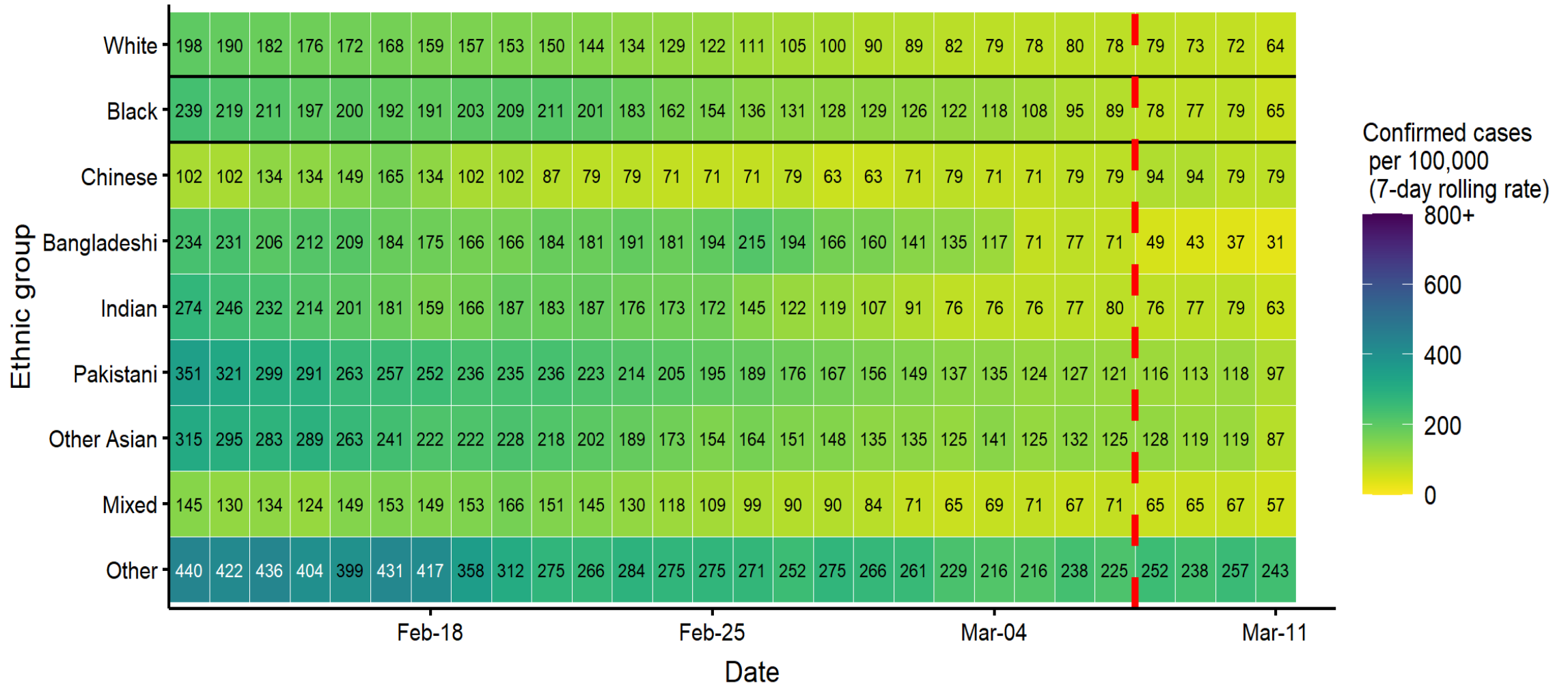


Age specific 7-day rolling case rates per 100,000 population, Birmingham, February 12 to March 11, 2021, highlighting categories of ethnicity of interest. *4 most recent days excluded due to reporting delays*



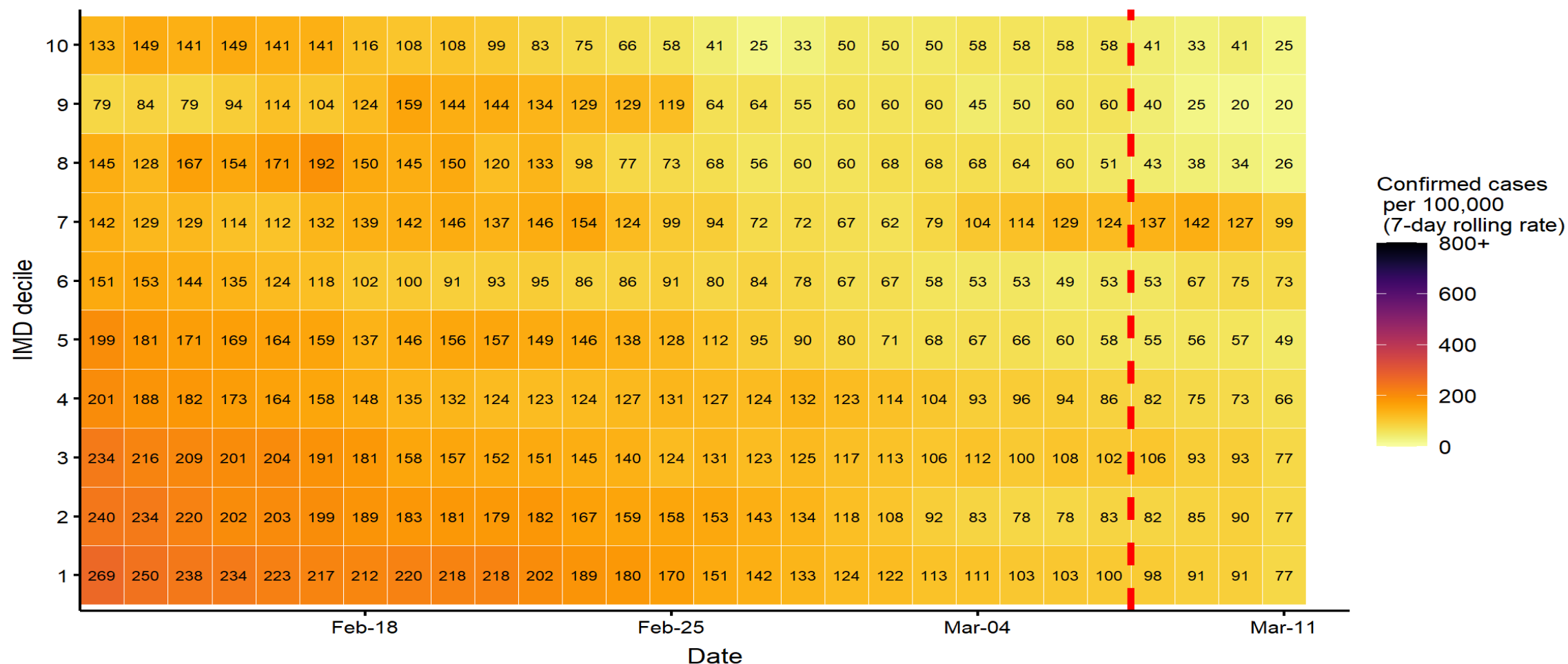
An issue with the denominators for 80+ was corrected on 23/02/2021, because of this rates for that age group will be lower than in earlier reports.

Ethnicity specific 7-day rolling case rates per 100,000 population, Birmingham, February 12 to March 11, 2021, highlighting categories of ethnicity of interest. *4 most recent days excluded due to reporting delays*

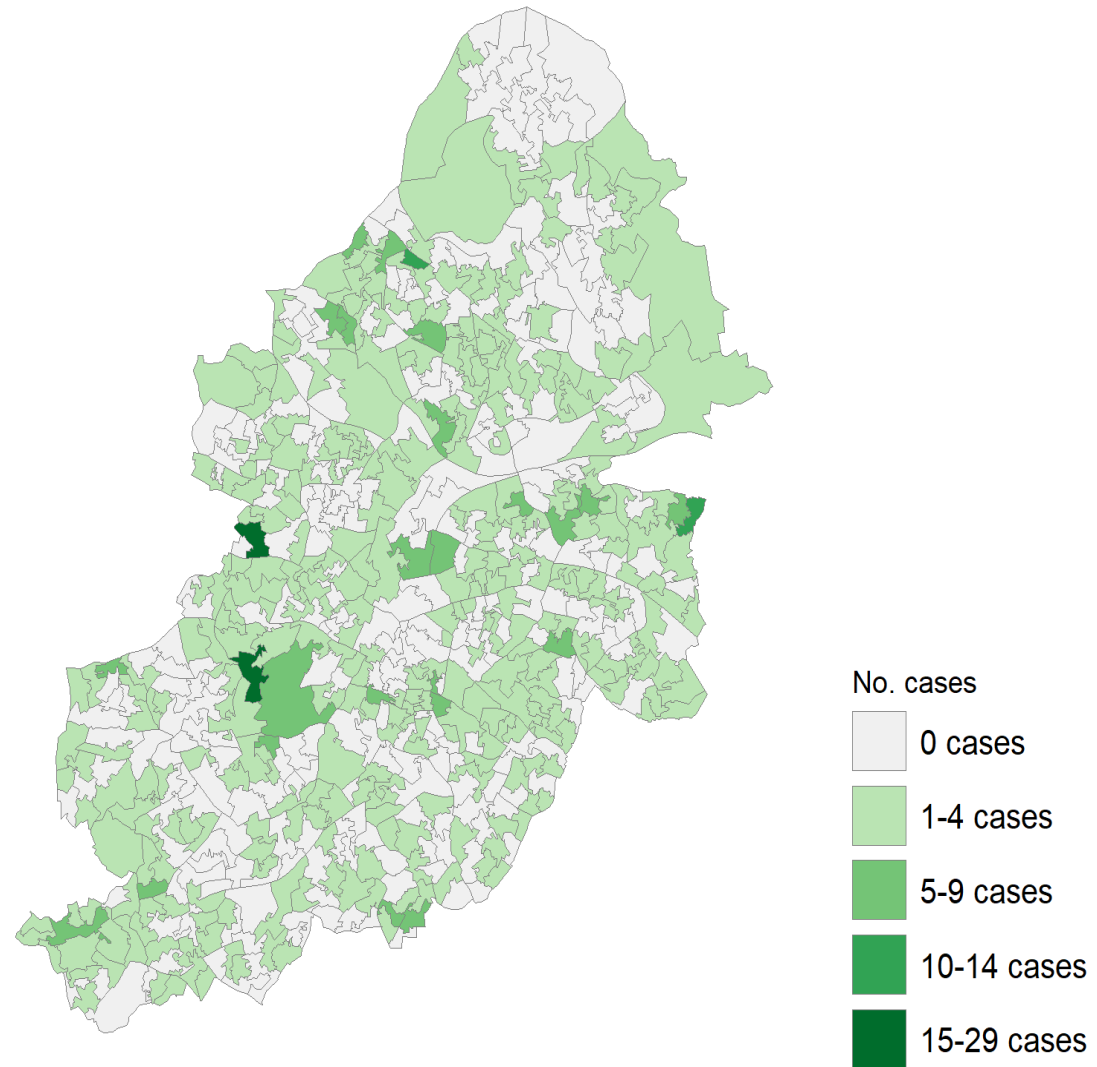


Excluding 4.4% ethnicity data classified as Na or Unknown.
Where text is red rates should be interpreted with caution as underlying case numbers are <5.

IMD specific 7-day rolling case rates per 100,000 population using IMD of LSOA of usual residence (1 = most deprived, 10 = least deprived), Birmingham, February 12 to March 11, 2021. *Where an IMD is not present in local denominator data, it is not shown. 4 most recent days excluded due to reporting delays.*



**Number of COVID-19 cases
(Pillars 1 and 2 combined) in
most recent 7-day period
(March 5 to March 11 2021), by
Birmingham LSOA.**



Produced by Outbreak Surveillance Team, PHE
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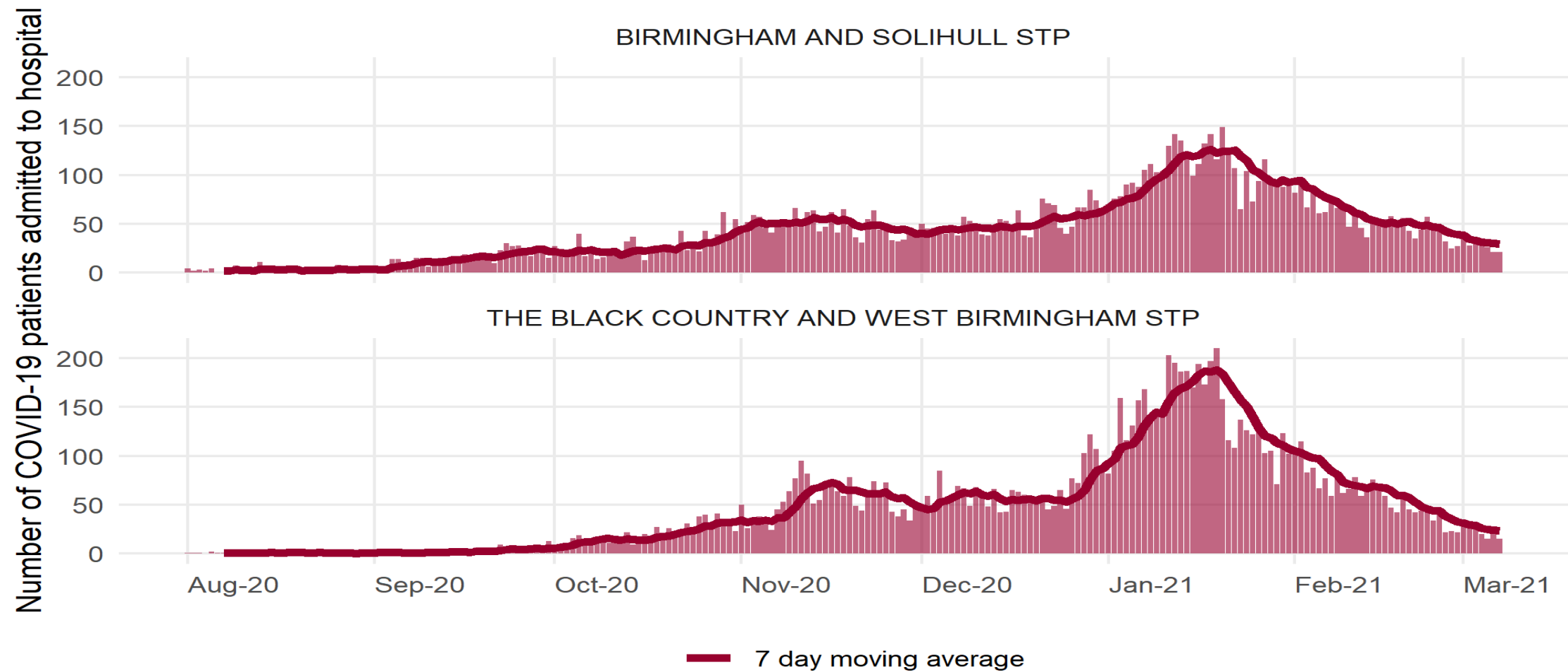
NHS Situations



Hospital metrics Public Data

Hospital Trust	C-19 daily admissions 07/03	Hospital in-patients 09/03	Patients in Mechanical ventilation 09/03
UHBFT	21	246	53
SWBHT	10	123	12
BCHCT	0	19	0
BWCHT	0	3	0
BSMHFT	0	7	0

Daily number of COVID-19 patients admitted to hospital in the STP(s) associated with Birmingham, August 2020 to March 7, 2021.



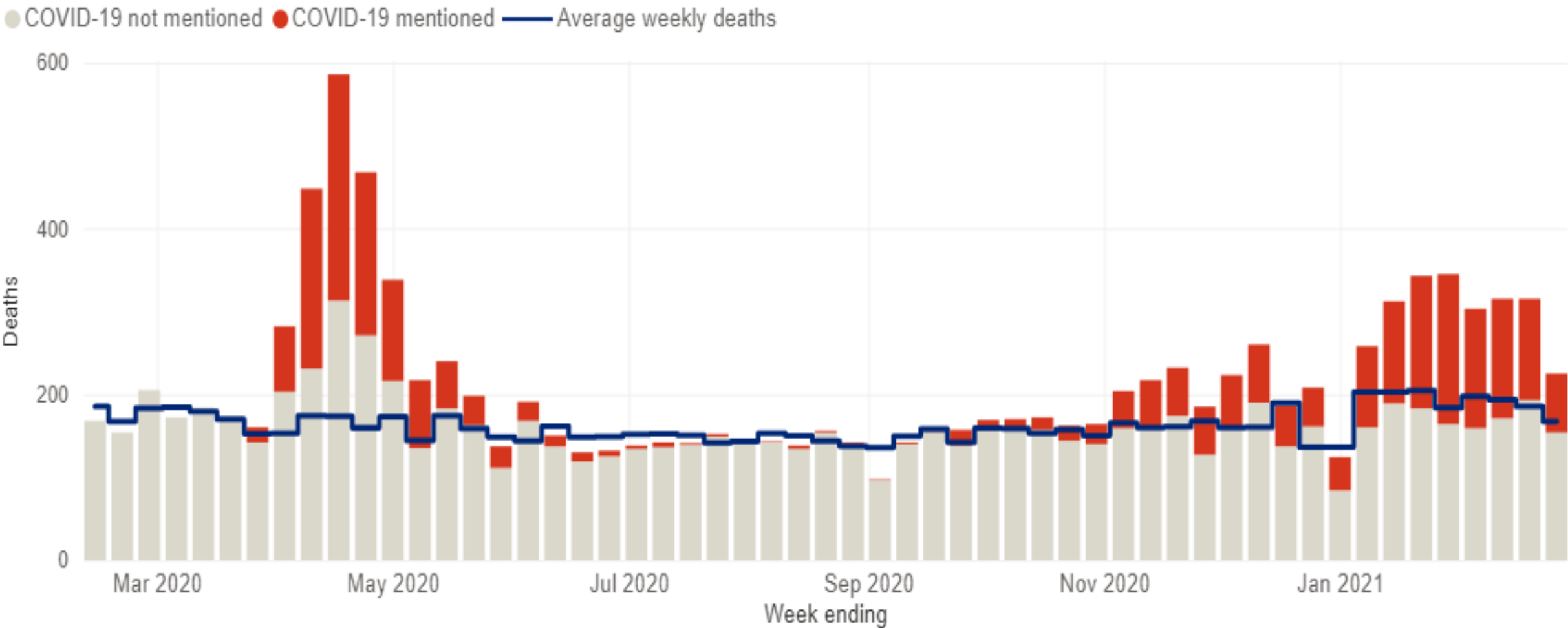
Deaths



Death Data

- The most recent death data where death occurred within 28 days of a positive Covid-19 test is for the week ending the 14th March, this reported 2 deaths and a death rate of 0.2 deaths/100K pop.
- The more accurate data based on Covid being mentioned on the death certificate is more historical and the most recent week is that ending the 26th February, this reported **71 deaths** registered in Birmingham. 80.3% of these were in hospital, 7.8% were at home, 6.7% in care homes.

Excess Death : All death registered up to week ending 26th February



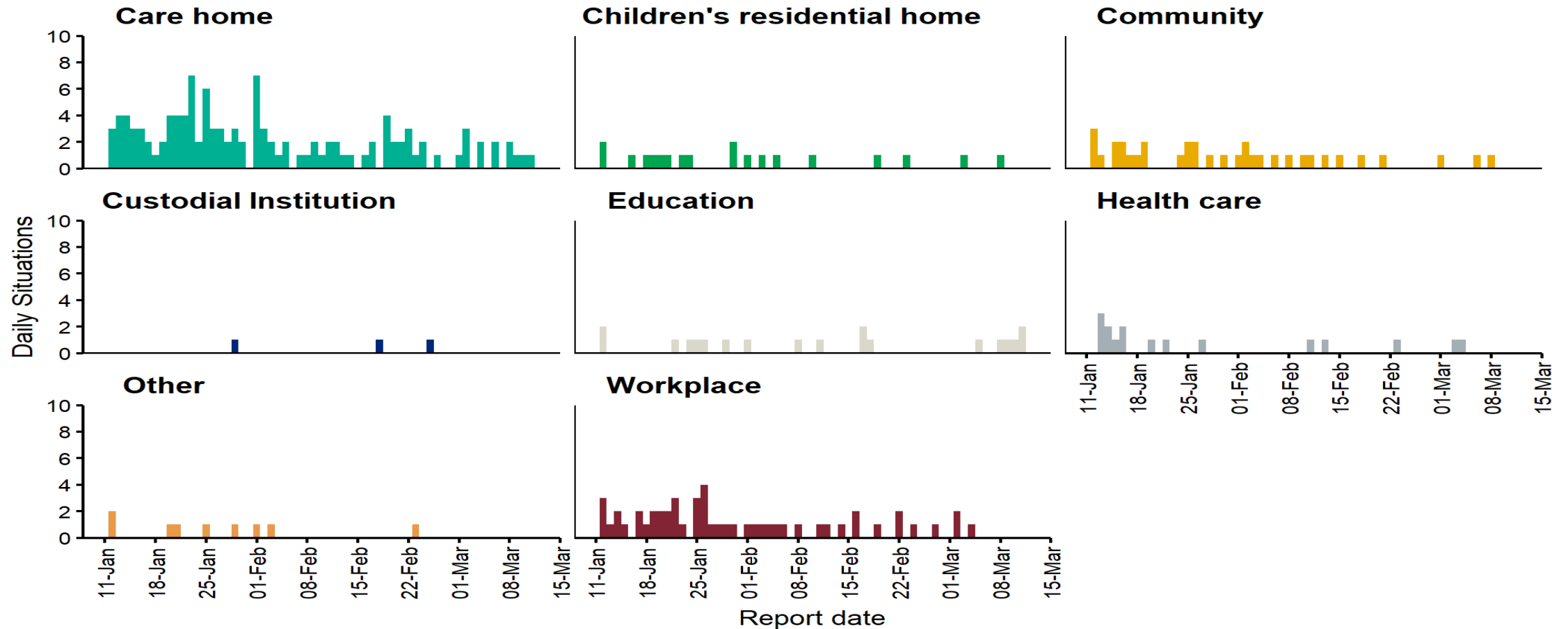
Situations



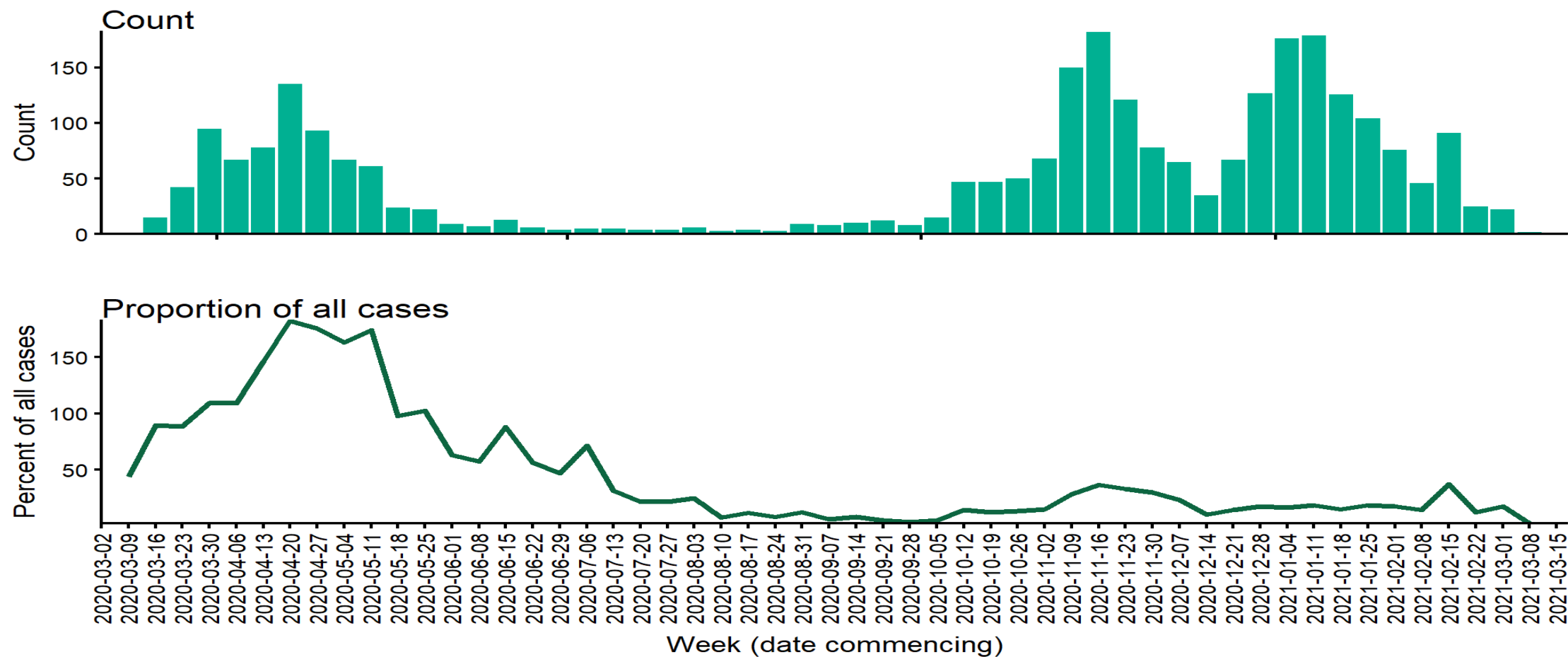
Situation Awareness

- Of the 795 cases in the past 7 days up to the 11th March, 36.9% were identified to be within clusters.
- Of these clusters 94.5% of cases residential status is domestic households, 3.4% are linked to custodial settings, 0.7% are linked to care homes, 1.4% to residential institutions (i.e. halls of residence).
- In the past 14 days (February 26 to March 11 2021) 4 situations located in care homes have been identified in the line-list, of these 3 have been entered on HPZone by PHE as clusters or outbreaks.

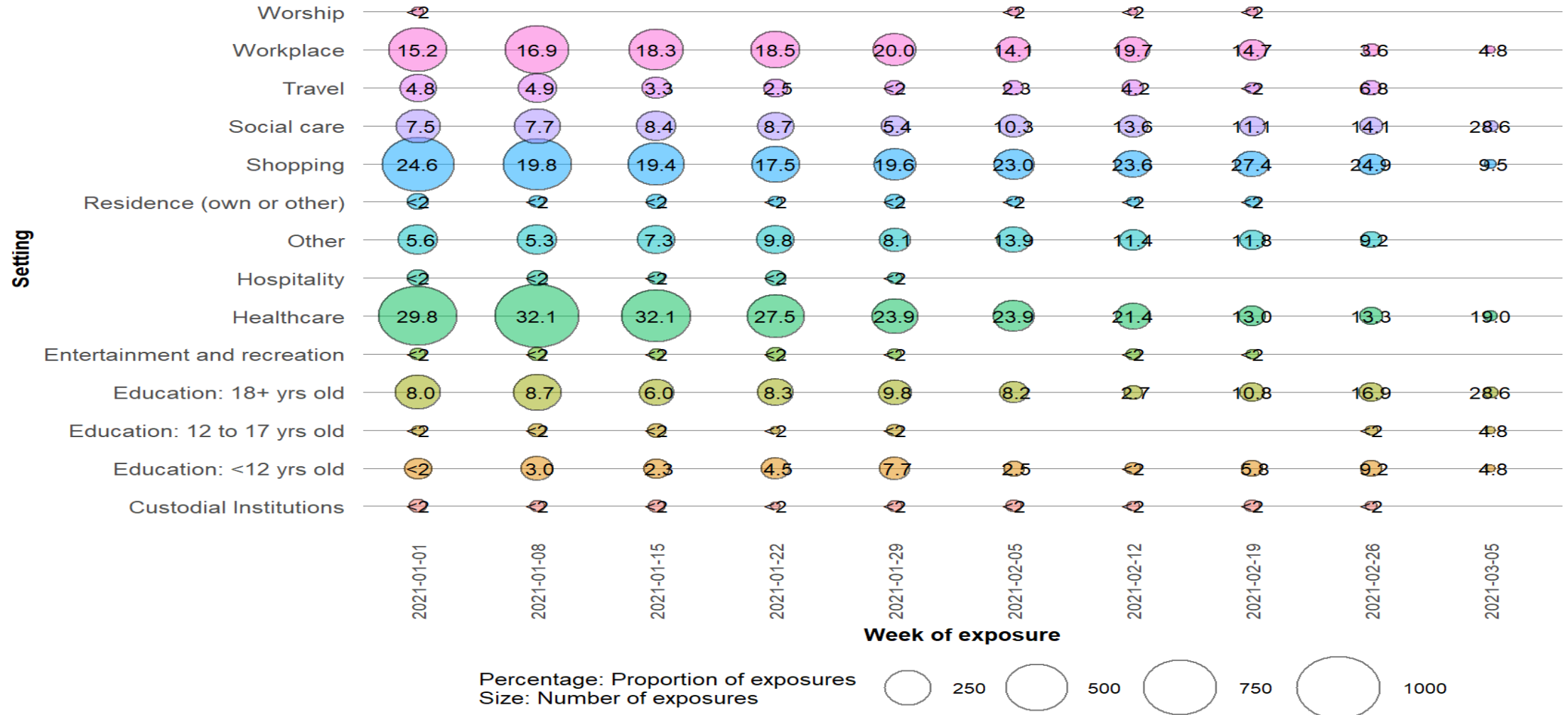
Number and context of COVID-19 situations recorded per day in HPZone in Birmingham (January 11 to March 11 2021)



Weekly number and proportion of COVID-19 cases identified as care home residents (up to March 11 2021)



Common exposure events reported by cases resident in Birmingham in the 7-2 days before symptom onset, where at least two cases visit the same property 7-2 days before symptom onset and within seven days of each other, by setting type and date of event. Number and percentage of weekly exposures by setting shown, January 1 2020 to March 11 2021



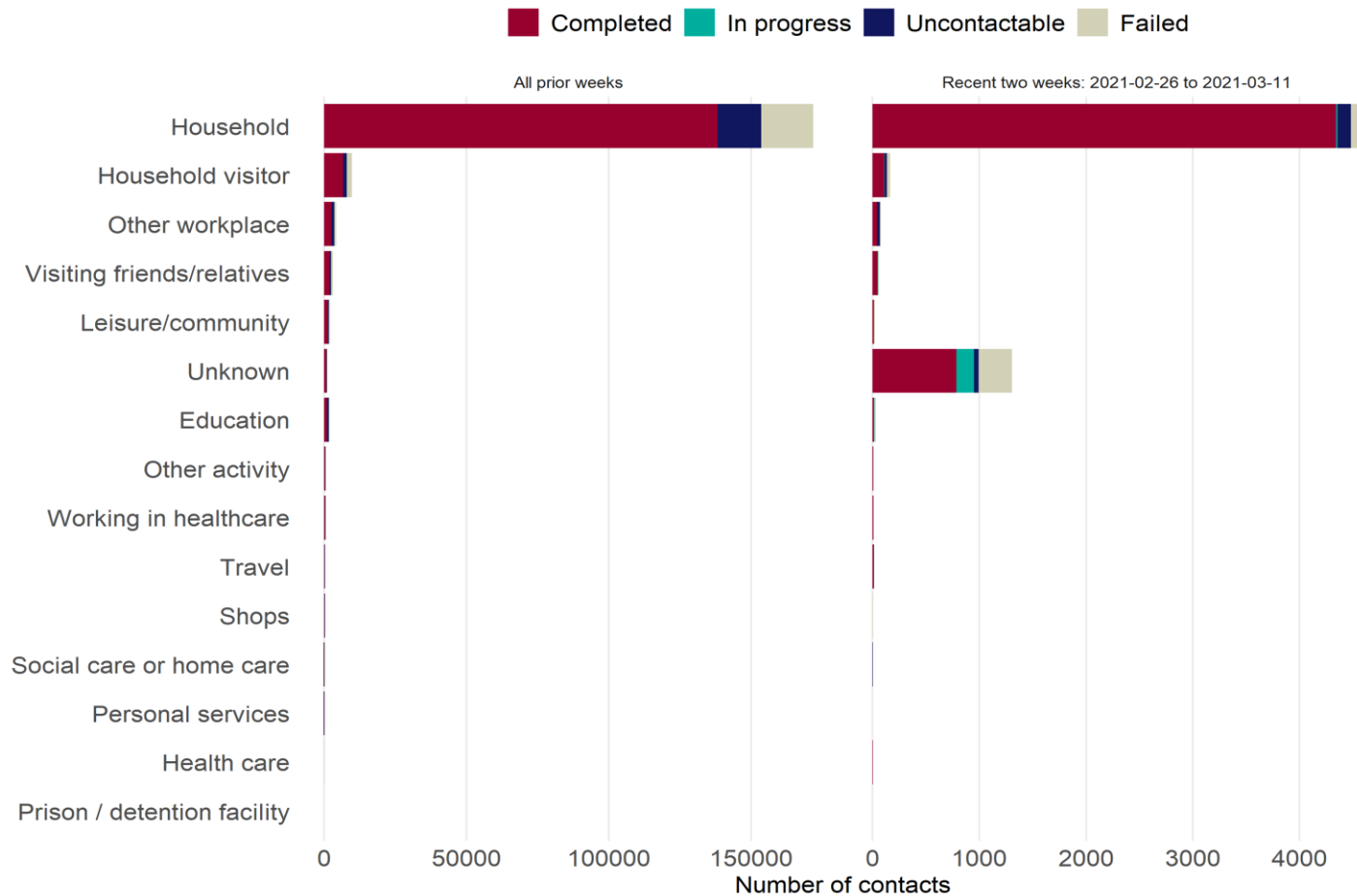
Data is grouped by 7 day period. The most recent 14 days may not have complete data yet.
Data: Common exposures line list from CTAS data, Public Health England.

Contact Tracing



Contact Tracing Data

Contacts by exposure/activity setting and current contact tracing outcome in Birmingham (May 28th 2020 to March 11th 2021) *Data has been collected by NHS Track & Trace (NTAT)*



- Households are the most common exposure/activity setting.
- There has been a big increase in contacts linked to 'unknown' and we have asked PHE to investigate this.

Testing



Symptomatic Test Locations

Drive-through facilities

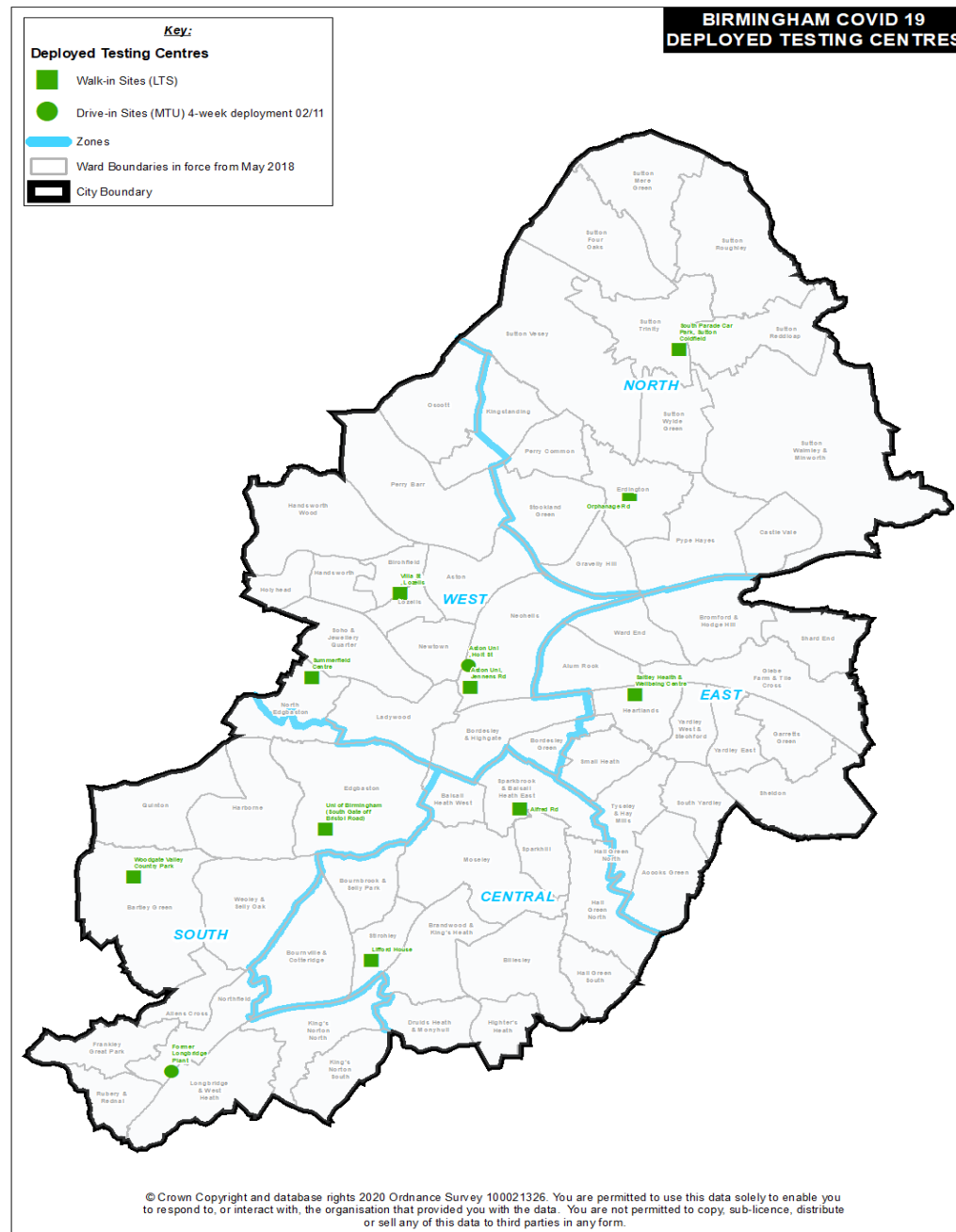
Three Mobile Testing Unit (MTU) are deployed, one at holt st. and one at Longbridge Business Park.

Walk-through facilities

1. Villa St Lozells
2. South Parade Sutton Coldfield
3. University of B/ham Selly Oak South Gate Car Park
4. Summerfield Community Sports Centre
5. Woodgate Valley Country Park
6. Saltley Health & Wellbeing Centre
7. Alfred Rd Car Park Sparkbrook
8. Aston University Car Park 6, Coleshill St
9. Lifford House, 45 Fordhouse Lane, Stirchley
10. 7 Capital Erdington, Orphanage Rd

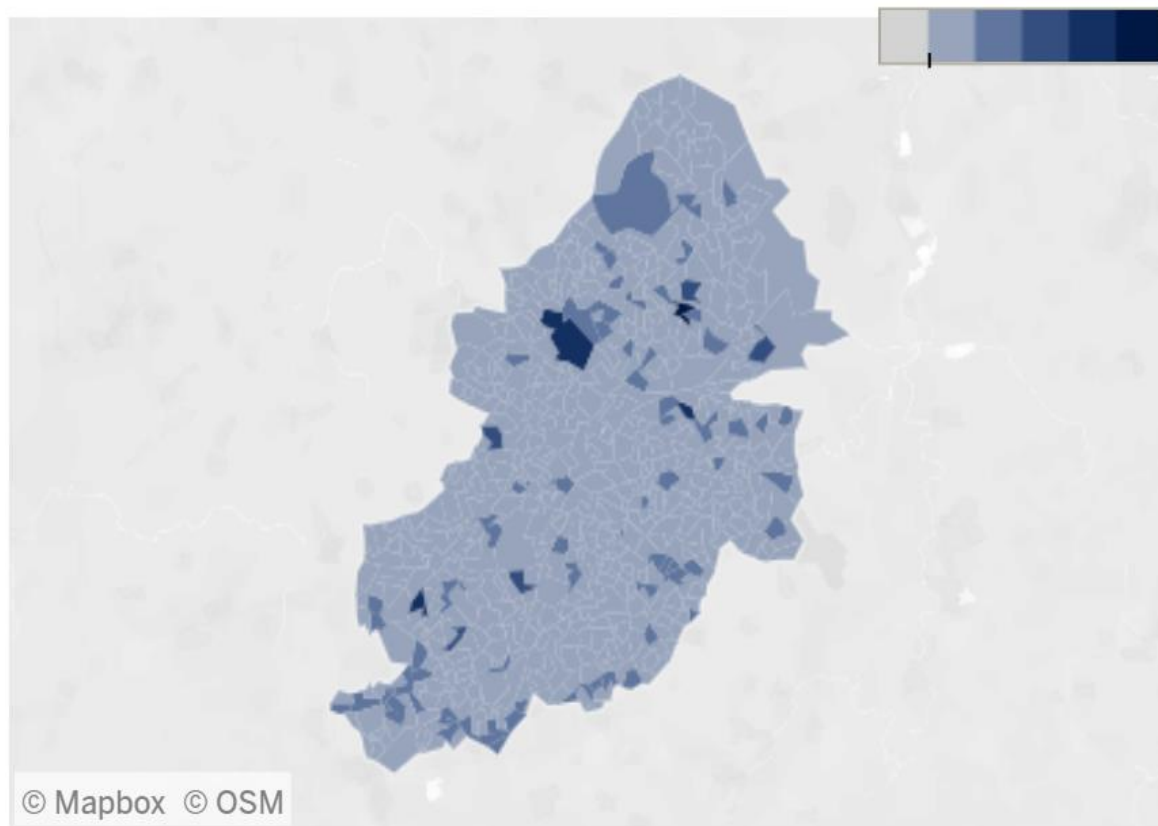
Making a positive difference everyday to people's lives

Test sites by Status and Type as at 8th February

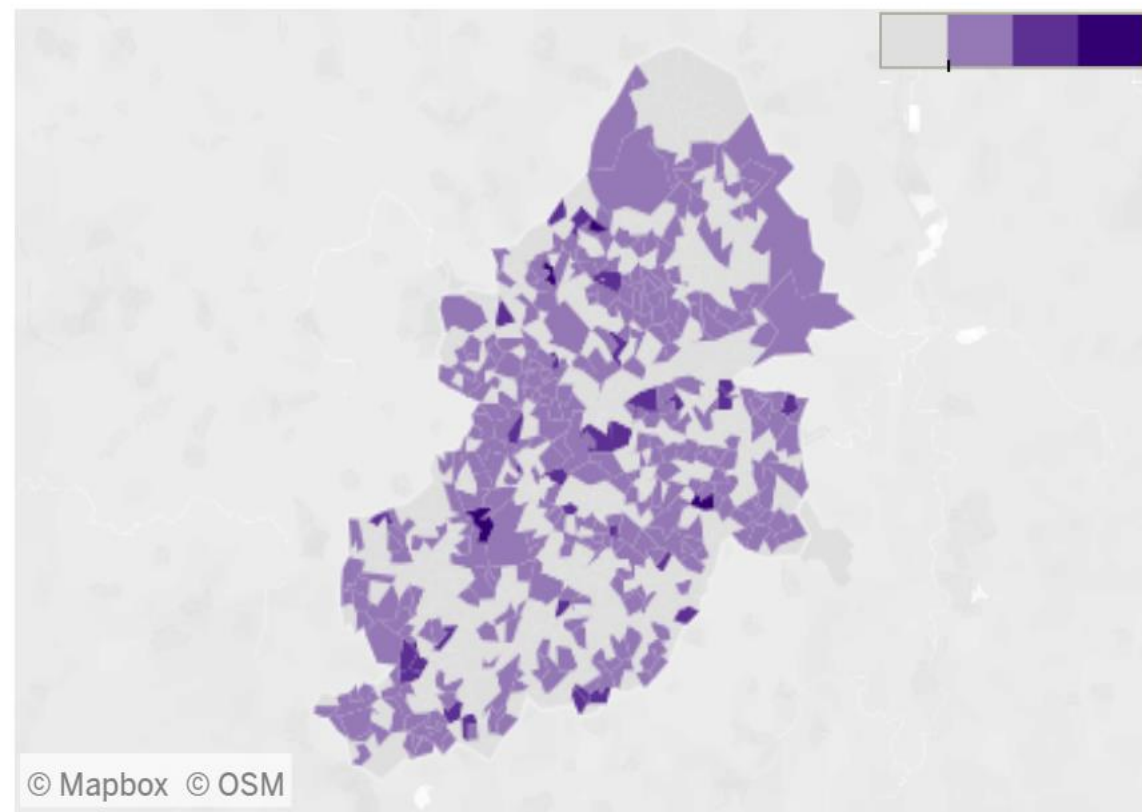


Pillar 2 testing by LSOA (PCR tests only, 7 days up to 12 March)

7-day rate of total Pillar 2 tests LSOA
(per 100K population) Range 0.3K to 11.5K



7-day rate of positive Pillar 2 tests LSOA
(per 100K population) Range 0.0 to 744.8



Lateral Flow Testing by Test Site Location

Hub and Spoke model of testing has now migrated to a spoke model with no single major hub site.

Spokes have been stood up and are live at Kingstanding, Sheldon, Handsworth, Maypole Youth Centre, Hippodrome and Shard End and a new site in Sutton Mere Green should open next week. Mobile units are currently live at Lighthouse Aston, Coach Park Queens Ride South Car Park, The Blakesley Hall Museum.

100 pharmacies have been recruited and these are going live in waves, 86 currently live.

LFT MAP of testing sites is now live on the BCC website

https://www.birmingham.gov.uk/info/50231/coronavirus_covid-19/2308/covid-19_lateral_flow_device_lfd_testing_information/4

DHSC announced at the weekend direct provision from national to local businesses. This means BCC no longer required to stand up workplace testing spokes, however the testing ops team are working to stand up a training offer to support roll out.

Making a positive difference everyday to people's lives

Birmingham Lateral Flow Device (LFD) Test Locations 23rd February 2021

Legend

■ Birmingham Constituencies

□ Birmingham Wards

Test Sites

● Depot, Live

■ Fixed, Live

■ Fixed, Pending

● MTU, Live

● MTU, Closed

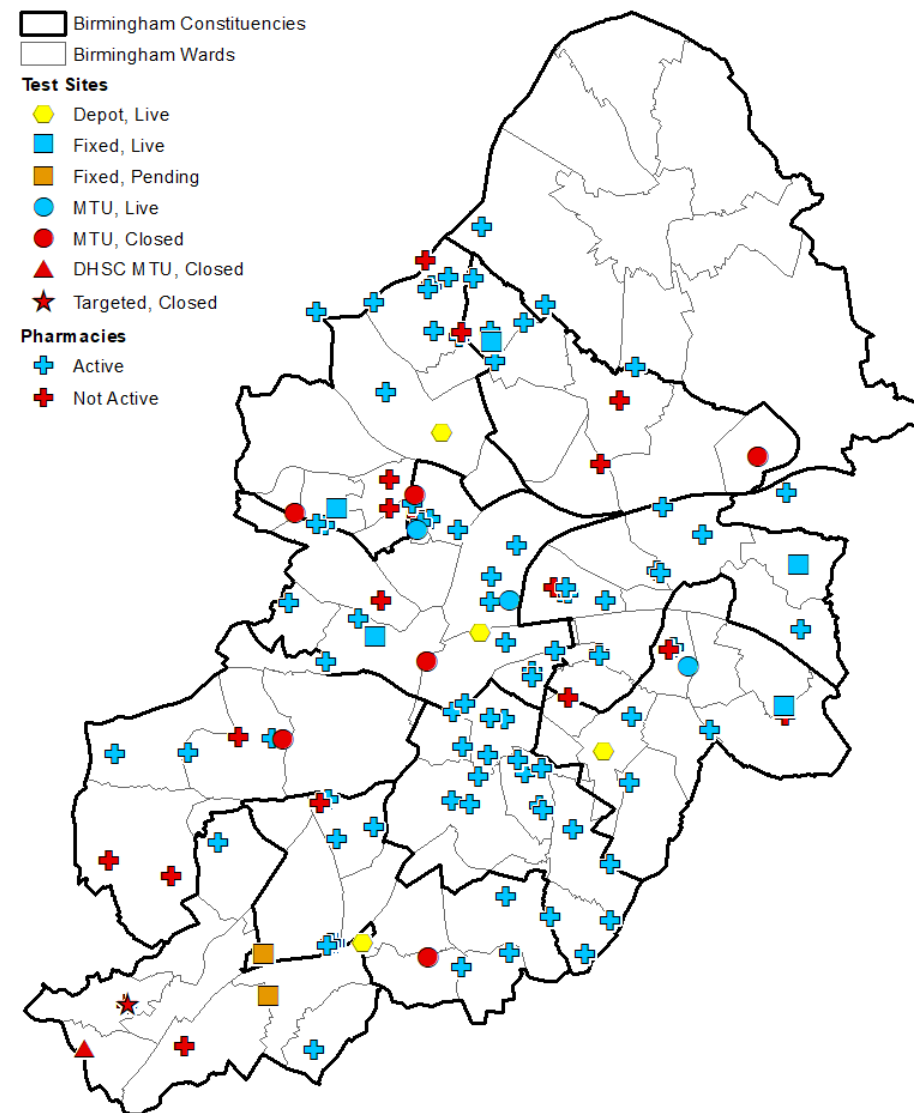
▲ DHSC MTU, Closed

★ Targeted, Closed

Pharmacies

✚ Active

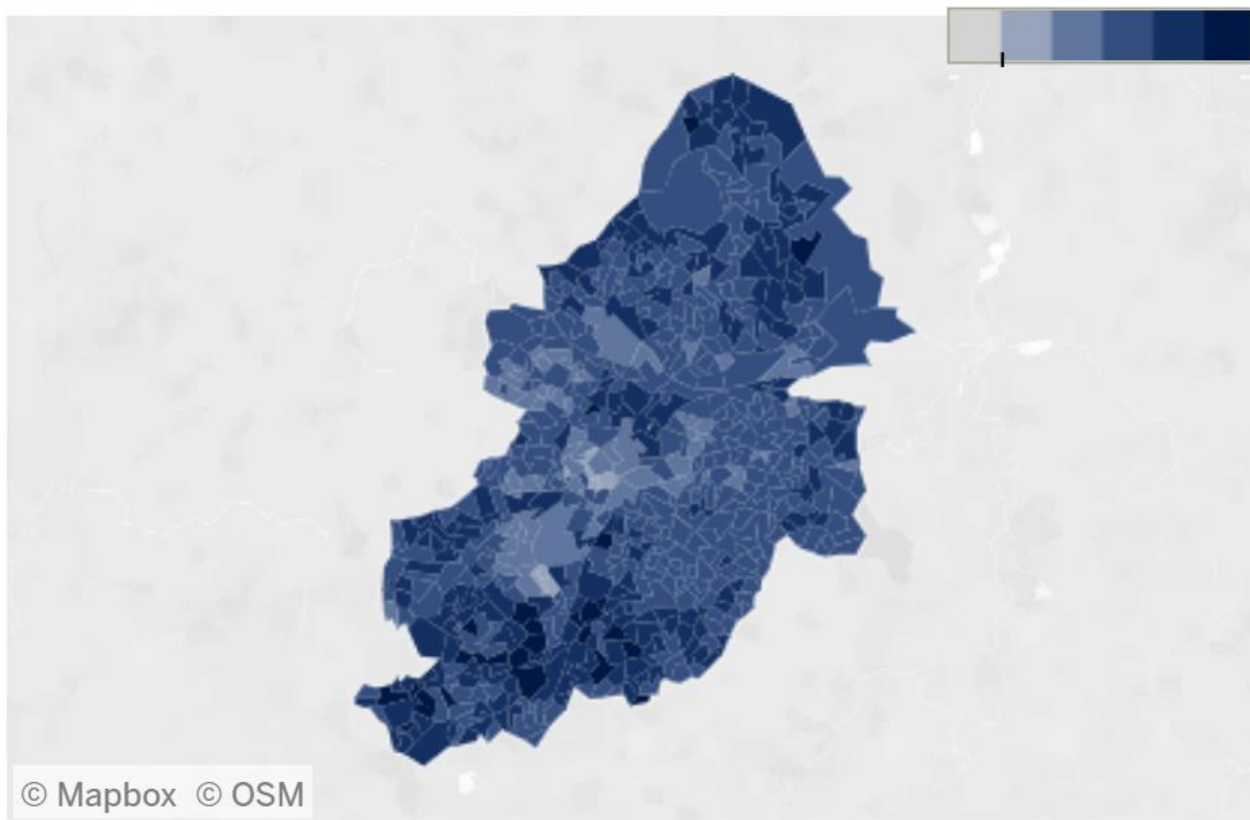
✚ Not Active



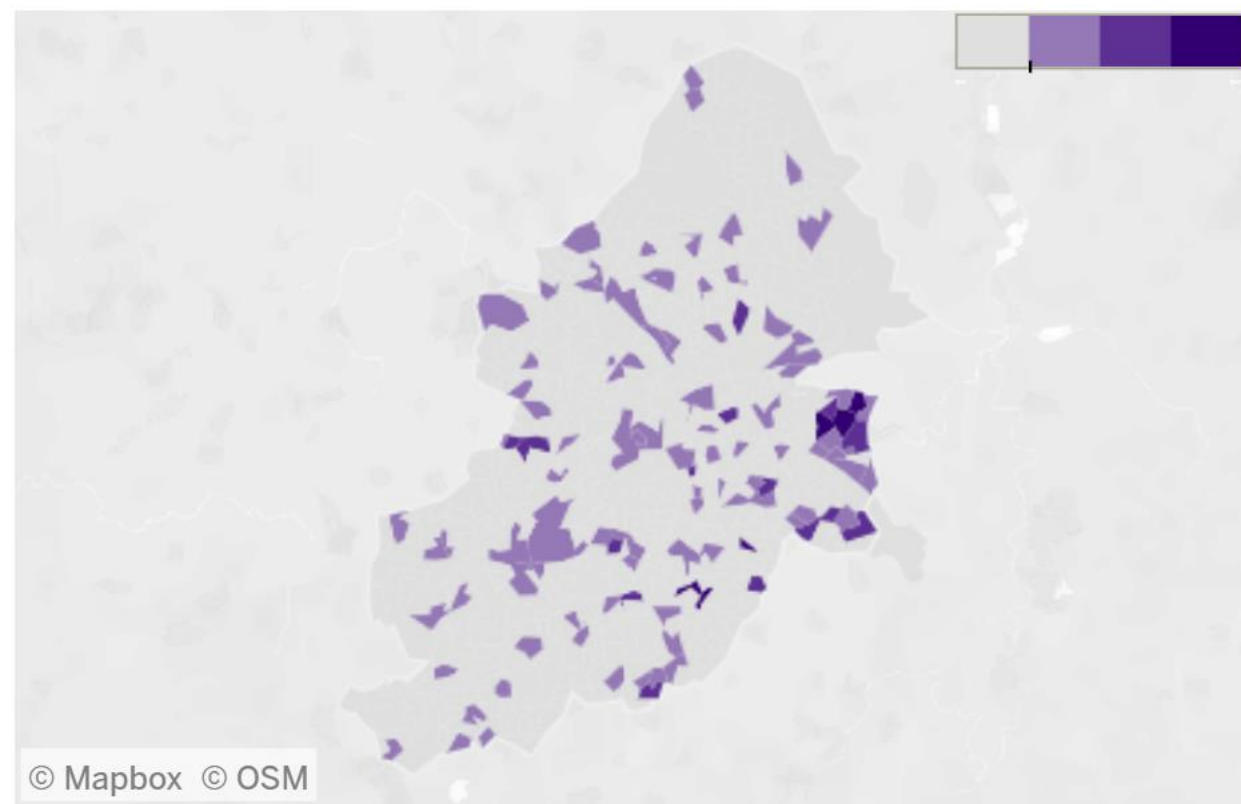
Source: Central Health Solutions produced 23rd February 2021.
Produced by Birmingham Public Health Division (2021).
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Pillar 2 testing by LSOA (LFD tests only, 7 days up to 12 March)

7-day rate of total Pillar 2 tests LSOA
(per 100K population) Range 2.4K to 20.0K



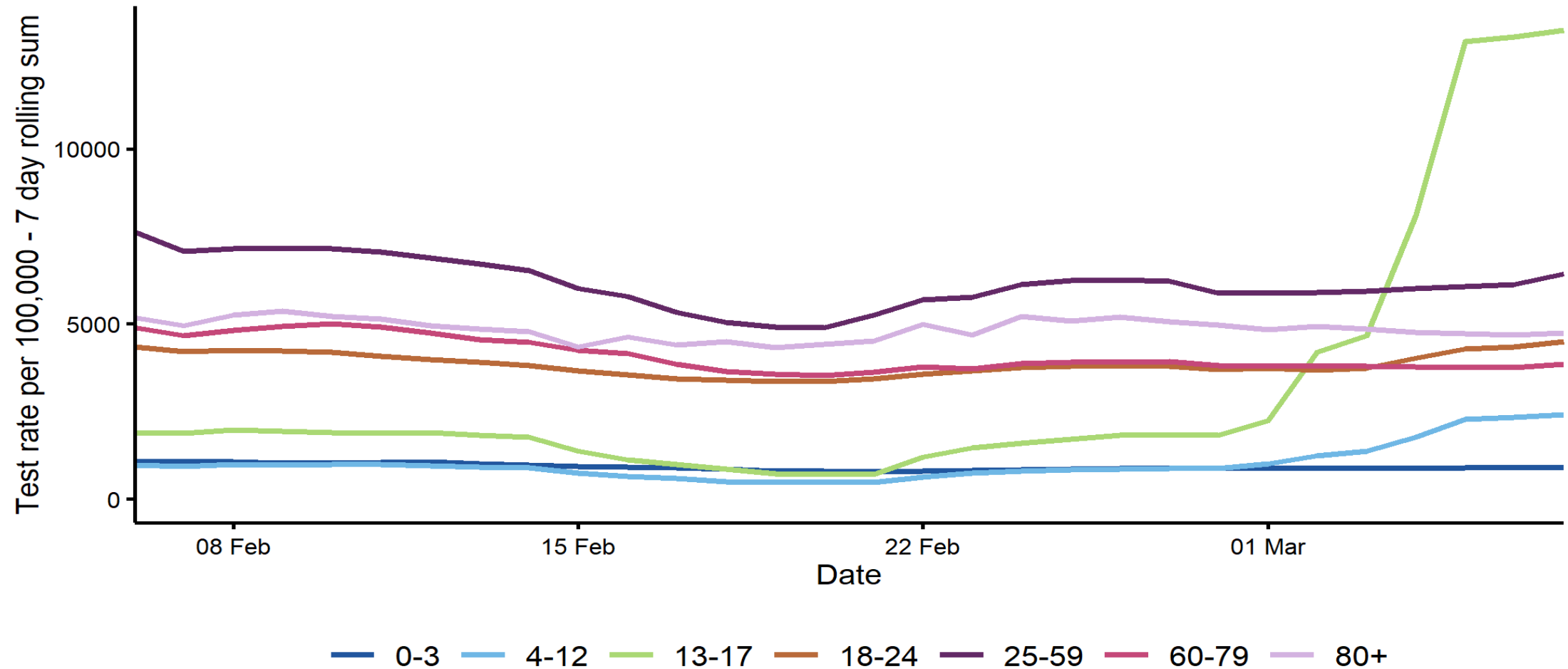
7-day rate of positive Pillar 2 tests LSOA
(per 100K population) Range 0.0 to 262.7



National Testing – School testing

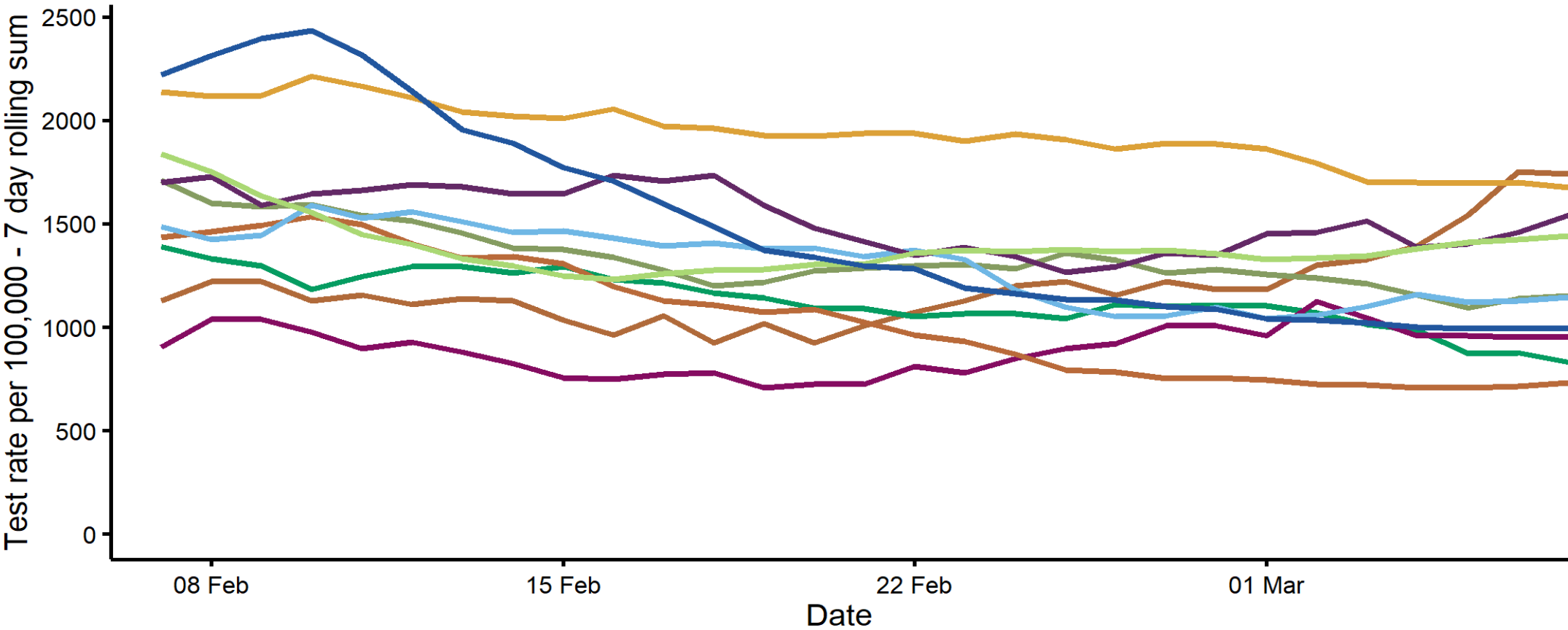
- DfE has launched routine serial lateral flow testing for schools, this includes:
 - Secondary school and college students – three tests in first week on site at school, then move to twice weekly home testing
 - Primary school students – no routine testing for children
 - Families & care bubbles – encourage to test twice weekly through home testing or site testing
 - Wider support staff, including drivers and club leaders – testing twice weekly through home testing or site testing
- Confirmatory PCR required for positive LFD but legislation kicks in from point of +ve LFD
- BCC have submitted a proposal to allow LFD distribution from existing LFD testing sites, which should commence from 15th March as part of national roll out dependent on clarification on data collection.

Age-specific 7-day rolling Pillar 1 and 2 test rates per 100,000 population among residents of Birmingham, Feb 6, 2021 to March 6, 2021. *4 most recent days excluded due to reporting delays.*



Excluding 147 tests with missing age data.
An issue with the denominators for 80+ was corrected on 23/02/2021,
because of this rates for that age group will be lower than in earlier reports.

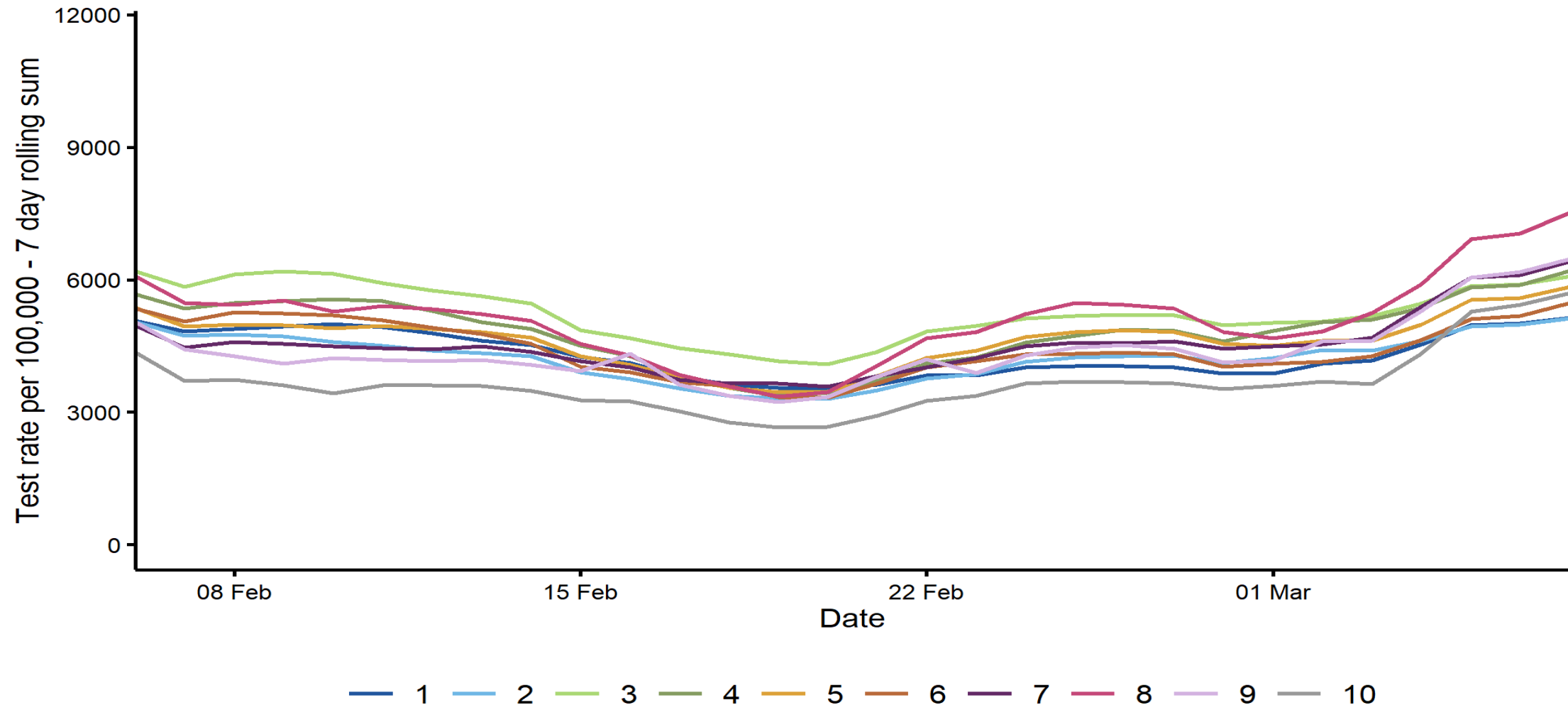
Ethnicity-specific 7-day rolling Pillar 2 test rates per 100,000 population among residents of Birmingham, Feb 6, 2021 to March 6, 2021. 4 most recent days excluded due to reporting delays.



- Arab
- Black
- Indian
- Other Asian
- Pakistani
- Bangladeshi
- Chinese
- Mixed
- Other
- White

Excluding 199548 pillar 2 tests with missing ethnicity data.

IMD-specific 7-day rolling Pillar 1 and 2 test rates per 100,000 population among residents of Birmingham, using IMD of LSOA of usual residence (1 = most deprived, 10 = least deprived), Feb 6 to March 6, 2021. *Where an IMD is not present in local denominator data, it is not shown. 4 most recent days excluded due to reporting delays.*



Engagement



Covid Community Champions & Community Engagement

- Birmingham Covid Champions programme aims to create clarity where there is confusion and opportunities for citizens to take action in local communities to contain Covid in our city.
- Objectives – recruit up to 1,500 volunteers to become Covid Champions
- Working group meeting with Mosques on Ramadan and Eid planning.
- Vaccine translation slides due to be published this week.

Progress to date

780 champions recruited to date

Fortnightly meetings with faith leaders

Commissioned additional communities partners

Vaccination update



Priority Groups currently being called for vaccination

Priority	Risk group	% First Dose Uptake				15/03/21	
		NHS Birmingham & Solihull		NHS Sandwell & West Birmingham		All WM CCG	
		Total	Birmingham	Total	Birmingham	All	Birmingham
1	Residents in a care home for older adults and staff working in care homes for older adults	N/A on NIMS dashboard					
2	All those 80 years of age and over	90.89%	89.29%	87.13%	78.41%	93.49%	88.01%
	Frontline health and social care workers	74.96%	73.39%	66.36%	57.95%	79.06%	71.26%
3	All those 75 years of age and over	92.41%	91.17%	89.25%	82.16%	94.52%	90.21%
4	All those 70 years of age and over	91.29%	89.82%	87.57%	78.02%	93.45%	88.56%
	Clinically extremely vulnerable individuals (not including pregnant women and those under 16 years of age)	78.32%	76.04%	76.23%	66.03%	83.90%	74.34%
5	All those 65 years of age and over	86.48%	84.47%	80.95%	68.20%	89.48%	82.33%
6	Individuals aged 16-64yrs who are clinically vulnerable	62.59%	59.64%	56.29%	43.26%	65.66%	56.87%
7	All those 60yrs and over	79.03%	76.39%	71.12%	56.40%	81.44%	73.46%
8	All those 55yrs of age and over	62.12%	60.19%	51.07%	39.93%	57.77%	59.98%
9	All those 50yrs of age and over	43.27%	44.64%	36.29%	29.91%	39.97%	42.22%

Thrombotic risk

- Concerns raised in Europe about a very small number of cases of blood clots in adults, 30 cases out of 5 million doses given.
- Risk of clots is higher in the elderly, obese individuals, people with health conditions such as cancer, many of whom are in the priority groups for vaccination.
- NICE evidence summary reports that the annual incidence of venous thromboembolism is approximately 2 in 1,000 in the general population and the incidence rises to 1 in 100 in over 80ys. Based on this we would expect to see 806 venous thromboembolism within the vaccinated population this year, this is a conservative estimate.
- NICE also stated that the annual incidence of diagnosed pulmonary embolism in the UK has been reports as 7-8 per 10,000 adults. Based on this we would estimate to see 174 Pulmonary Embolism occurring in the vaccinated population this year.
- Both CCGs have been asked to provide information on local serious side effects reported through the Yellow Card system.
- MHRA have stated that the occurrence in the UK of clots in vaccinated individuals is below the expected occurrence.

Age Group	Number vaccinated	Predicted normal clot occurrence	
		VT	PE
Over 80yr	38,627	386	28
75-79yrs	26,164	52	18
70-74	34,628	68	24
65-69	37,278	74	26
60-64	42,066	84	29
55-59	39,457	78	27
50-54	32,833	64	22
Total	219,887	806	174

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