Birmingham Local Outbreak Engagement Board COVID-19 Overview

Birmingham Public Health Division 15/02/2022









Overview









Policy Update

Testing guidelines:

 Travellers no longer need to take any COVID-19 travel tests or self-isolate on arrival in England if they are fully vaccinated adults. They will need to fill out a <u>passenger</u> <u>locator form</u> (PLF).

From Wednesday 16th February:

- ASC staff will now be required to do a pre-shift lateral flow test on each of the days they are working. The weekly asymptomatic PCR testing for staff will be removed.
- PCR testing will continue for:
 - regular monthly care home residents testing
 - outbreak testing
 - staff who have symptoms or a contact to a positive case





Vaccine Roll Out

- The Council continues to support the NHS in delivering the large-scale vaccination programme which to date, has been very successful. **The list of eligible people can be found here:** https://www.nhs.uk/conditions/coronavirus-covid-19/coronavirus-vaccination/who-can-get-the-vaccine/
- Booster jabs will continue to be offered to all adults (aged 16 and over).
- Children aged 12 to 15 can now get their second vaccine dose from 12 weeks after their first vaccine dose. They can get the vaccines either:
 - at school
 - book online for appointments at vaccination centres or pharmacies
 - through walk in sites, which are available at <u>locations across Birmingham</u>.
- Figures from the <u>GOV.UK</u> website indicate that 91.3% of the English population aged 12 years and over have had their 1st vaccine dose, 84.6% their 2nd dose, and 65.2% their booster dose. This compares to 68.3%, 61.5% and 40.4% in Birmingham.



Covid-19 in Birmingham: Current situation and 60-day trend

Coronavirus in Birmingham



(Data up to 141 cb)

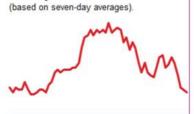
3,327

Latest daily figure

1

new deaths

60-day trend



Source: coronavirus.data.gov.uk

Total cases

(Data up to 14 Feb)

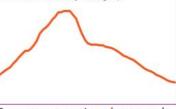
312,400

Latest daily figure

373

new cases

60-day trend (based on seven-day averages).



Source: coronavirus.data.gov.uk

Hospital admissions

(Data up to 13 Feb)

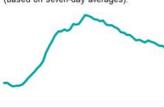
29,037

Latest daily figure

41

new admissions

60-day trend (based on seven-day averages).



Source: NHS COVID-19 Situation Operational Dashboard

Over 60's cases

(Data up to 13 Feb)

33,457

Latest daily figure

40

60+ new cases

60-day trend (based on seven-day averages).

Source: PHE

7 Day Cases, Testing & Vaccination Summary

7 Day Rolling Case Rate at 11th February

(Pillar 1 & 2): 382.0/100k



Ranked 14th (of 14 LAs), with
 Worcestershire ranked 1st (669.2/100k)

Vaccination aged 12+ (as at 15th January)

• 1st Dose: 67.6%

2nd Dose 61.6%

• Booster Dose 41.0%

7 Day Pillar 2 PCR testing rate 11th February: 1,278/100k

Rate of testing on 4th February: 1,606/100k



Ranked 13th in the region

7 Day LFD testing rate at 11th February: 5,727/100k



Rate of testing on 4th February: 6,654/100k

Ranked 14th, the lowest testing rate in the region

% of Pillar 2 positive PCR tests at 11th February: 18.2%

Rate on 4th February: 22.4%



% of positive LFD tests at 21st January: 5.3%

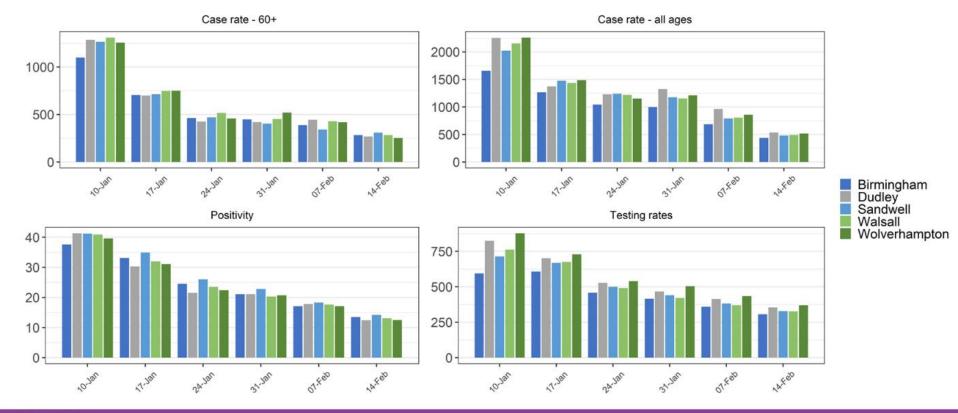


• Rate on 14th January: 7.2%





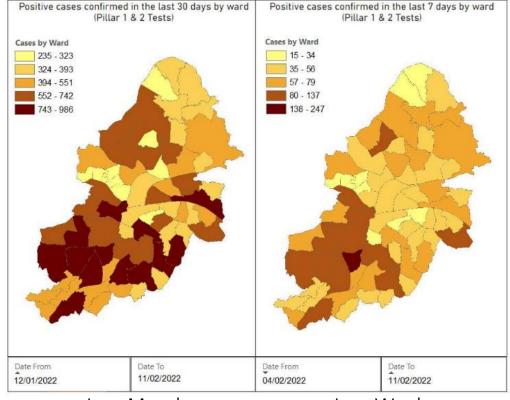
Birmingham and the Black Country Direction of Travel







Confirmed Cases by Ward for Pillar 1 and 2 Tests



Last Month

Last Week





Top Ten Case Rates by Ward

Ward	29th Ja	us week, anuary to ebruary Current week, 5th to 11th February		Change between last two weeks	Absolute difference (comparing this week against last week)		
	Cases	Rate	Cases	Rate	%	Absolute	difference
Bournbrook & Selly Park	224	885.6	247	976.5	10%	90.9	↑
Sutton Trinity	85	916.6	65	701.0	-24%	-215.7	\downarrow
Bournville & Cotteridge	219	1,221.8	114	636.0	-48%	-585.8	\
Edgbaston	156	705.5	137	619.6	-12%	-85.9	\downarrow
Sutton Reddicap	83	838.7	58	586.1	-30%	-252.6	\downarrow
King's Norton North	91	781.5	68	584.0	-25%	-197.5	\downarrow
Stirchley	81	809.7	58	579.8	-28%	-229.9	\downarrow
Longbridge & West Heath	152	759.3	109	544.5	-28%	-214.8	\downarrow
Rubery & Rednal	99	898.7	59	535.6	-40%	-363.1	\downarrow
Weoley & Selly Oak	198	814.7	128	526.7	-35%	-288.0	\downarrow





ONS COVID-19 Infection Survey, 11th February 2022

- The ONS infection survey estimates the percentage of the Birmingham population who were COVID positive in the 7 days up to 29th January was **5.9%**, no change from the previous week's estimate.
- In the West Midlands, in the 7 days up to 29th January, the estimated percentage testing positive was 5.5%, an increase compared to the previous week's estimate of 4.5%.
- In England, in the 7 days up to 5th February, the estimated percentage testing positive was 5.2%, an increase from 4.8% last week, and equivalent to 1 in 19 people.
- In England, in the 7 days up to 5th February, the percentage of people testing positive varied substantially across age groups, remaining highest in those aged 2 years to school Year 6 (11.5%), and lowest in those aged 70 years and over (2.5%).





NHS WASTEWATER SARS-COV-2 Report 3rd February to 9th February 2022 Solihull 5.0 Log10 SARS-CoV-2 Concentration Changes Log10 SARS-CoV-2 Concentrations

7-day average SARS-CoV-2 RNA concentration (gc/L) in wastewater. Darker shading indicate areas with a higher viral concentration. Higher concentration is associated with increased prevalence

Change in weekly average SARS-CoV-2 RNA concentration in wastewater. Measured as the difference between Log10 values of the weekly averages. Grey shading indicates areas where there was insufficient data to measure change.





Variants of Concern









Variant of Concern

- The Omicron variant (VOV-21NOV-01) remains the dominant variant of COVID-19 in the UK. The variant is highly transmissible, five times more likely to re-infect than the Delta variant. However, recent trends show falling cases nationally, but not in all regions.
- Since the beginning of December 2021 (up to 10th February), 23,935 cases of COVID-19 have been reported in Birmingham. Around 87% (20,800/23,935) of these cases are of the Omicron variant. Of these, 7,952 are confirmed and 12,848 are probable cases. 13% of these cases are re-infections.
- The UKHSA has designated the Omicron variant sub-lineage known as BA.2 discovered in the UK on the 10th January as a Variant Under Investigation (VUI-22JAN-01). There are currently 10,963 cases in the UK, of which 87% (9,591/10,963) are in England. As of 10th February, 179 cases were confirmed in Birmingham.





Testing









Test Locations

PCR: There are currently 2 active drive-in mobile testing unit sites:

Fox Hollies Leisure Centre, B27 7NS

There are currently 6 active walk-in local testing sites (LTS):

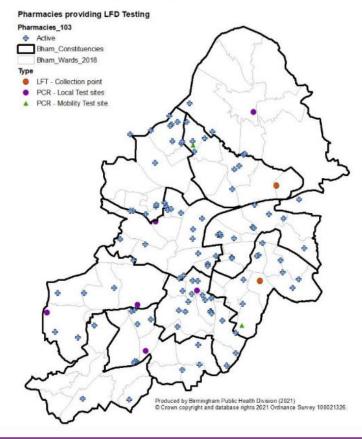
- 60 Villa Street, B19 2XS
- Lifford House Car Park, Stirchley, B30 3BN
- South Parade Car Park, Sutton Coldfield, B72 1ST
- Birmingham University South Gate Car Park, B15 2TU
- Woodgate Valley Park, B32 3QT
- Alfred Road Car Park B11 4PB

LFT: There are currently 2 LFT Collection sites:

- Tesco Springhill, B18 7BH
- Morrisons Small Heath B10 0XA

Pharmacies: There are a total of 103 pharmacy collection points

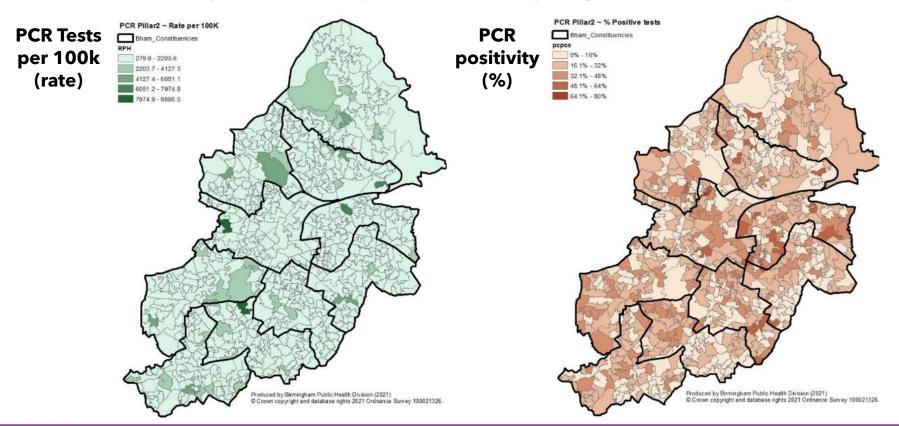
Birmingham Test Locations







PCR Testing (Pillar 2) by LSOA: 7 days up to 7th February 2022

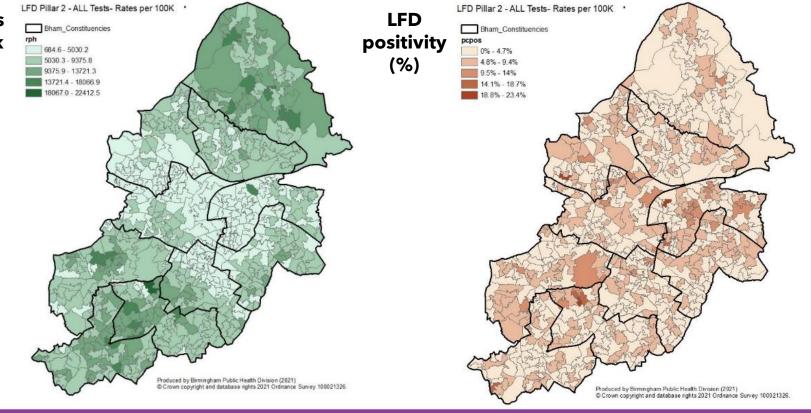






LFD Testing (Pillar 2) by LSOA: 7 days up to 7th February 2022

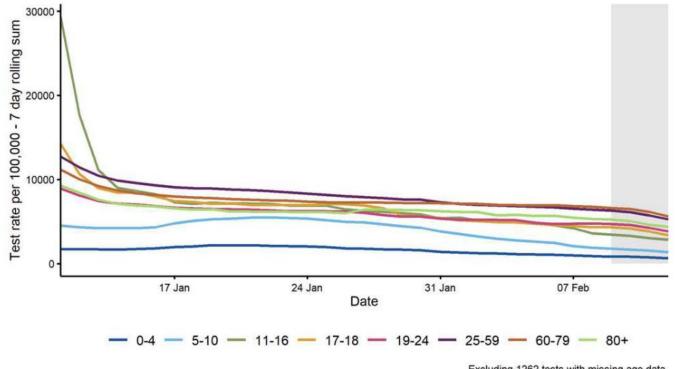
LFD Tests per 100k (rate)







Age-Specific 7-Day Rolling Pillar 1 & 2 Test Rates per 100,000 Population Among Residents of Birmingham: 11th January to 13th February 2022



- Testing rates have been fairly stable since the peak in January, decreasing very slightly in recent weeks.
- The highest rates are in the older age groups, 60-79, 25-59, and 80+.

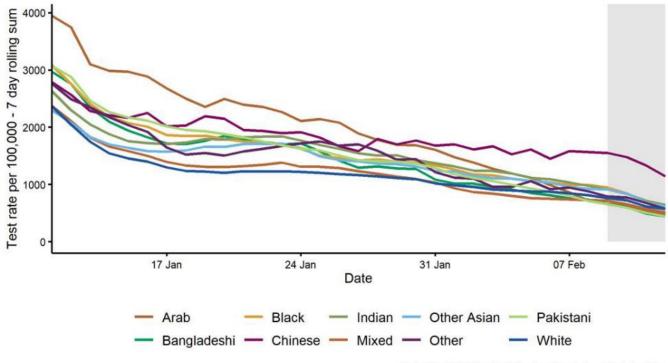
The 4 most recent days are provisional - indicated by a grey background.

Excluding 1262 tests with missing age data.





Ethnicity-Specific 7-Day Rolling Pillar 2 Test Rates per 100,000 Population Among Birmingham Residents: 11th January to 13th February 2022



- Testing rates are falling in all ethnicities.
- In recent weeks, the highest rate of testing is in Other ethnicity.

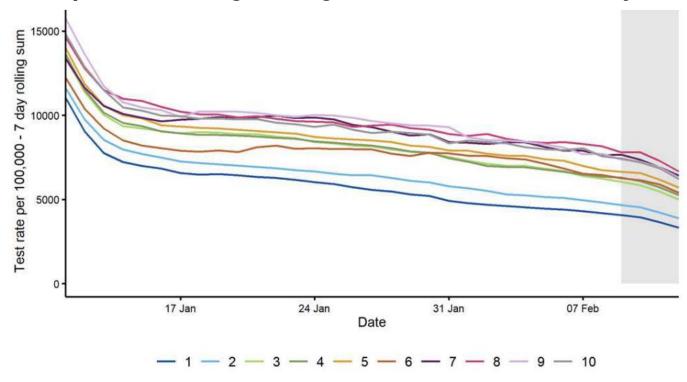
4 most recent days are provisional indicated by a grey background

Excluding 281131 pillar 2 tests with missing ethnicity data.





Index of Multiple Deprivation-Specific 7-Day Rolling Pillar 1 & 2 Test Rates per 100,000 Population Among Birmingham Residents: 11th January to 13th February 2022



- Testing rates are falling in all IMD bands.
- Rates are
 consistently
 lower in the
 most deprived
 LSOAs.

The 4 most recent days are provisional - indicated by a grey background

Using Index of Multiple Deprivation (IMD) of LSOA of usual residence (1 = most deprived; 10 = least deprived). Where an IMD is not present in local denominator data, it is not shown.





Case Demographics





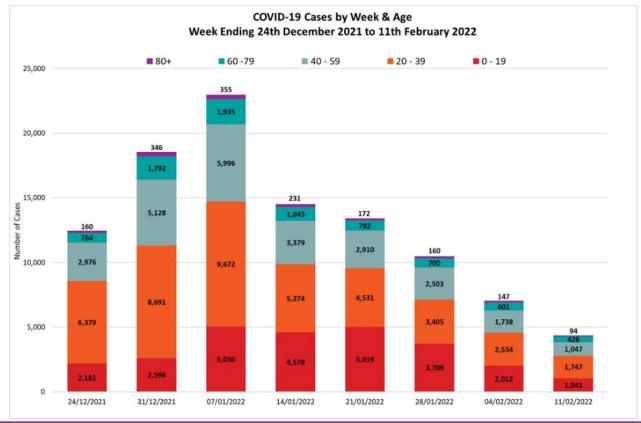




Cases by Week & Age Group

- In the 7 days up to 11th
 February, cases decreased in all age groups.
- The largest decrease was 48%, in the 0-19 age group, followed by decreases of 40% in 40-59, and 36% in the 80+ age group.
- The 20-39 age group accounted for 40% of all cases, followed by 0-19 and 40-59 age groups, both accounting for 24%.

Cases are grouped by week ending Friday





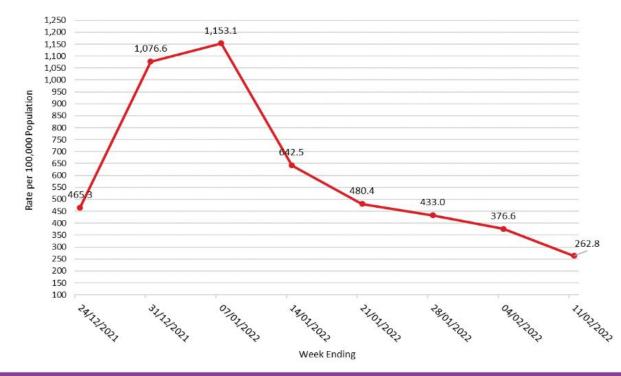
Source: UK Health Security Agency COVID-19 Situational Awareness Explorer



Case Rate in Population aged 60+ years

- Case rates in the 60+ age group have been falling consistently since the peak in early January.
- In the 7 days up to 11th February, the case rate was 262.8/100k, a decrease of 30% compared to the previous week's rate of 376.6/100k.

COVID-19 Case Rate per 100,000 population by Week, Ages 60+ Week Ending 24th December to 11th February 2022



Cases are grouped by week ending Friday





- In the 7 days up to 11th February, cases decreased in all ethnicities.
- The ethnicities with the highest case rates were:
 - Any Other Mixed/Multiple ethnicity (613.5/100k)
 - Any Other ethnicity (569.1/100k)
 - White & Black African ethnicity (558.5/100k)
- Compared to the previous week, the largest decreases were in Caribbean (60%), Pakistani (55%), Indian (54%) and African (54%) ethnicities.
- White British ethnicity accounted for 49% of all cases (2,114 of 4,357).

Case Rates by Ethnicity

Case Rates by Ethnicity (per 100k) Week Ending 24th December 2021 to 11th February 2022								
Case Rates	24/12/2021	31/12/2021	07/01/2022	14/01/2022	21/01/2022	28/01/2022	04/02/2022	11/02/2022
Any Other Mixed/Multiple ethnicity	1,368.6	1,687.1	2,501.2	2,005.7	1,675.3	1,286.0	802.3	613.5
Any Other ethnicity	1,744.1	1,927.7	3,607.5	2,643.7	2,166.3	1,790.0	1,092.3	569.1
White & Black African	1,241.1	2,233.9	1,954.7	1,272.1	868.8	775.7	837.7	558.5
Any Other White ethnicity	1,221.1	1,790.3	2,328.4	1,521.2	1,700.6	1,424.6	910.7	507.1
British	1,023.8	1,551.9	1,701.3	944.4	928.9	804.8	550.7	376.0
Chinese	424.8	637.2	731.6	652.9	778.8	652.9	440.5	330.4
African	1,557.1	2,230.7	2,927.5	1,960.6	1,487.1	1,013.6	690.2	316.8
Any Other Asian ethnicity	783.4	1,216.8	1,874.9	1,374.1	1,319.5	940.7	574.7	295.4
Pakistani	570.4	1,100.8	2,173.9	1,766.6	1,521.2	1,021.9	591.2	266.2
Indian	964.1	1,278.2	1,400.5	945.5	1,012.1	841.8	552.5	253.8
White & Asian	429.1	616.8	929.7	795.6	902.9	634.7	330.8	232.4
White & Black Caribbean	748.4	1,128.6	1,355.2	780.7	716.0	509.7	291.3	194.2
Bangladeshi	439.6	716.2	1,355.6	1,045.1	1,131.2	703.9	405.8	190.6
Caribbean	1,156.6	1,568.0	1,775.8	862.7	640.2	445.0	373.6	151.1
Any Other Black/African/Caribbean	897.1	1,212.1	1,238.8	768.9	667.4	368.4	256.3	144.2
Irish	258.8	395.1	426.9	199.8	190.7	172.6	131.7	113.5

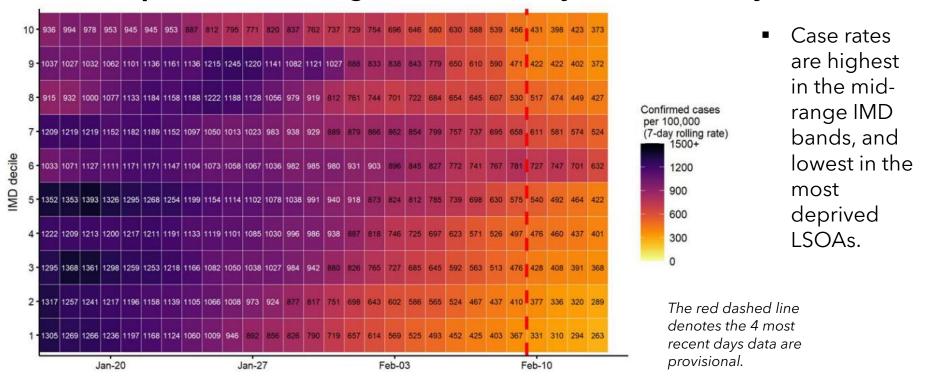
Cases are grouped by week ending Friday Excluding ethnicity data classified as unknown/not available.



Source: UK Health Security Agency COVID-19 Situational Awareness Explorer



Index of Multiple Deprivation-Specific 7-Day Rolling Case Rates per 100,000 Population in Birmingham: 17th January to 13th February 2022



Using Index of Multiple Deprivation (IMD) of LSOA of usual residence (1 = most deprived; 10 = least deprived). Where an IMD is not present in local denominator data, it is not shown.





NHS Situations









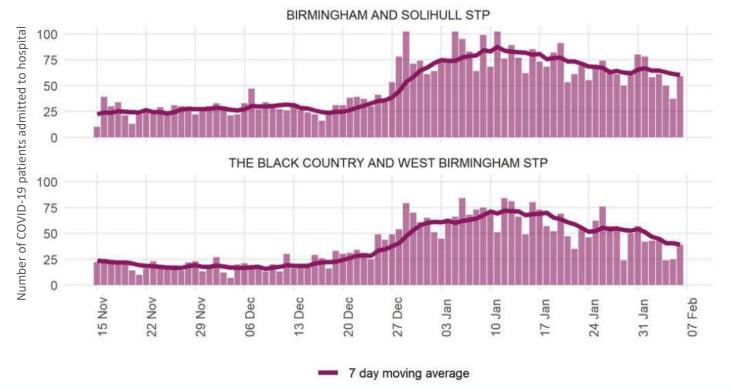
COVID-19 Hospital Metrics Data

Hospital Trust	Daily admissions (7 day average) 3 rd February 2022	Hospital in- patients 8 th February 2022	Patients on Mechanical Ventilation 8 th February 2022
University Hospitals Birmingham NHS Foundation Trust	52.1	339	14
Sandwell & West Birmingham Hospitals NHS Trust	12.1	116	3
Birmingham Community Healthcare NHS Foundation Trust	1.9	24	0
Birmingham Women's & Children's NHS Foundation Trust	5.3	12	0
Birmingham & Solihull Mental Health NHS Foundation Trust	0.9	9	0





Daily COVID-19 hospital admissions in Birmingham Sustainability & Transformation Partnerships (STPs), 15th November 2021 to 6th February 2022







Deaths









Death Data

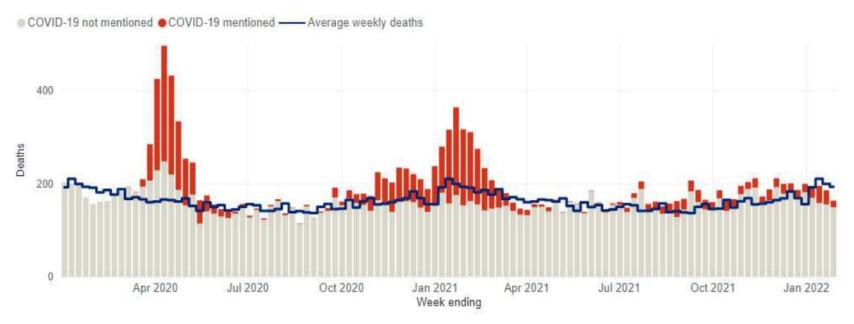
The most recent death data, where death occurred within 28 days of a positive COVID-19 test, is for the week ending 13th February, which reported **10 deaths,** equivalent to a death rate of **0.9**/100k population.

More accurate data, based on COVID-19 being mentioned on the death certificate, is historical and the most recent available data is for week ending 28th January, which reported **44 deaths** registered in Birmingham. Of these, 35 occurred in hospital, 6 at home, 2 in a care home and 1 occurred elsewhere.





Excess Death: All Deaths up to 28th January 2022



With the exception of the most recently reported 4 weeks, excess deaths have been consistently above the 5 year average for several months. However, compared to earlier in the pandemic, most of these have been contributed by non-COVID deaths.





Situations

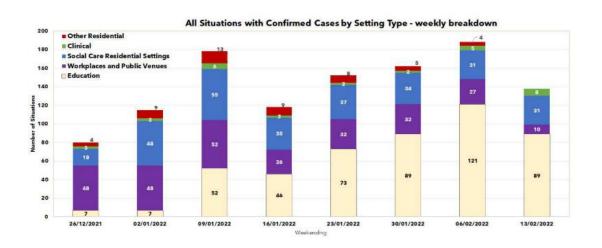


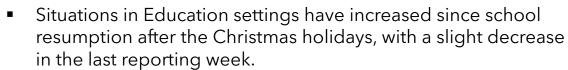




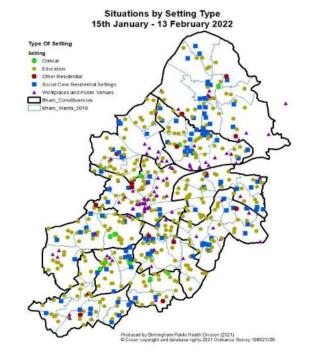


Confirmed Situations in Birmingham: Last Month & Last 7 days





 Social Care and Residential settings have shown a decrease since early January.

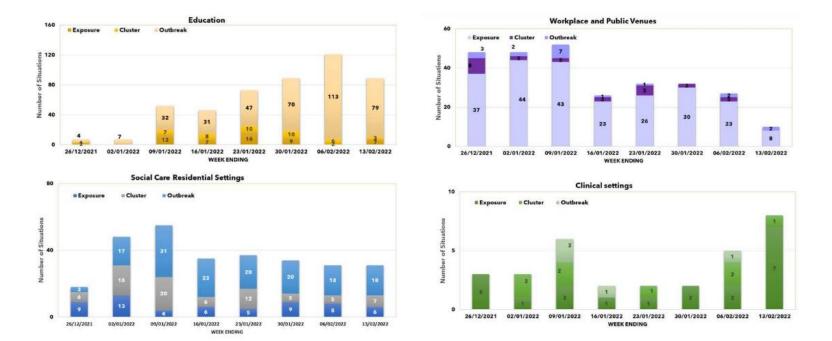


This map shows Postcode location of COVID Situations by type of setting active in the last month





Situations by Type of Setting, 8 weeks: 20th December - 13th February 2022



Situations data is gathered by the Test & Trace Health Protection Response Team, using information sent in by Managers (Headteachers, Care Home Managers Retail and Workplace Managers) across Birmingham, via the Contract Tracing email: contacttracing@birmingham.gov.uk





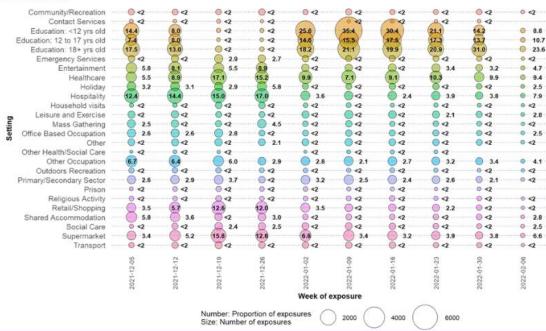
Common Exposure Events Reported by Cases Resident in Birmingham 5th December 2021 to 12th February 2022

Number and proportion of cases reporting backward events that have common exposures by week of symptom onset

3454 4217 4645 2541 Number of cases reporting common exposures* (Proportion out of cases reporting backwards events)** (74.5)(76.4)(72.2)(67.2)(65.4)(78.1)(79.8)(77.7)(73.7)(69.5)

Number (size of circle) and proportion (number) of common exposure events by setting and by week of event

Produced 2022-02-13 with data up to prior day.



- Exposures were highest in
 Education settings, 23.6 in 18+,
 10.7 in 12-17 years and 8.8 in <12 years.
- Common Exposures were also high in the following settings:
 - Healthcare (9.4)
 - Hospitality (7.9)
 - Supermarket (6.6)
 - Entertainment (4.7)
- Common exposures are not proof of transmission in a setting but provide evidence of where transmission might be taking place.

Reported in the 7-3 days before symptom onset, where at least 2 cases visit the same property 7-3 days before symptom onset and within 7 days of each other.



Source: UKHSA COVID-19 Local Authorities Report Store



Contact Tracing











Contact Tracing Local Authority Partnership

Service Highlights

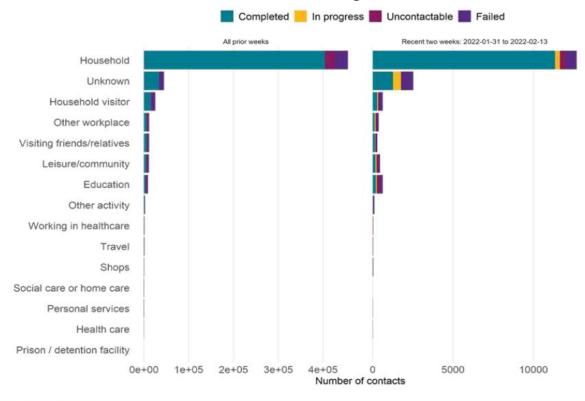
- Contact Tracing Service now covers all wards in the Local-8 model.
- A team **providing face-to-face visits** is in place for positive cases that:
 - **cannot be reached by telephone** (2 attempts, including voicemail and texts). These are referred to Environmental Health for follow-up (approx. 6-12 cases/day at present)
 - **refuse to self-isolate**. These are referred to Environmental Health for follow-up visits (approx. 5 cases/day) and if necessary escalated to the Police however the police are currently only dealing with the most severe of isolation breaches.
- The service also provides support and welfare services to those who require food, financial or general support during their isolation

Latest Updates

- Case Tracing: For the previous 7 days we handled 1,025 cases vs 769 in the previous week. Of those, 539 were complete giving us a completion rate of 52%. The reduction in completion is due to more citizens being unwilling to engage with contact tracing.
- **Welfare Support**: For the **previous 7 days we handled 452 support cases** vs 745 in the previous week. The reduction is due to a decrease in the number of positive cases in Birmingham. Approx 9-10% of citizens indicate they require support with only a small portion of them actually requiring any.
- This week we switch to a full Local-8 model for all wards. This will allow us to meet the needs of our citizens. We anticipate our completion rate will rise significantly.



Test & Trace Contacts by Exposure/Activity Setting & Current Outcome: 28th May 2020 to 13th February 2022



- Over the past 2 weeks, the most common exposure/activity setting has been the **Household**, followed by setting **Unknown** (where data on exposure/activity setting was not provided).
- Compared to the previous 2 weeks, there has been a decrease in exposures in **Household** settings.
- In the past two weeks, around 15,000 contacts were successfully completed, i.e. asked to self-isolate.

Uncontactable cases: insufficient contact details provided to contact the person.

Failed contact tracing: contact tracing team attempted but did not succeed in contacting an individual.





Communications & Engagement











Communication and Engagement updates 8th February 2022

Communication Channels

Social media key messages: Promoting Testing (PCR &LFD), continued caution with relaxing restrictions and return to plan A. New rules people are no longer advised to work from home and pupils are not required to wear face masks in classrooms. Testing and isolation positive cases will be able to leave self-isolation if the LFD tests on two consecutive days from day 5 and day 6, are negative. Vaccine messages translated assets (12-15 years, 16+, pregnant women and boosters). Public safety (regular weekly LFT tests, PCR tests for contacts, face coverings, hand washing, and ventilation).

Emails: Request for additional measures above current government guidance, for residents to be protected from COVID-19..

Website: Weekly COVID-19 champions dashboard and relevant pages, ensuring accessibility requirements are met.

Partners: Vaccines, LFT and PCR testing awareness across networks, joint working and targeted community work.

Communities

Aim: To encourage continuous positive dialogue and offer advice from credible sources to support communities with uptake of COVID-19 safety measures. Topics: COVID-19 dashboard, testing, vaccines and key health priorities affecting communities.

Champions: 822 Community + **98** Youth + **20** Business Engagement via emails, text and newsletter.

Faith Groups: Fortnightly/monthly COVID-19 virtual briefings with focus on COVID-19 safe behaviours and community feedback.

- Birmingham Black Led Churches Ministers and Pastors
- Birmingham Masjids 7th February
- Birmingham Interfaith Group (Churches, Masjids, Temples, Gurdwara's and Synagogues).

Partners:

Coordinated with ICS to address vaccine inequalities. Review engagement in high priority wards with low vaccine uptake. Work with partners to promote the **JabCab** - free taxi service to get a vaccine or booster. Vaccination uptake targeting various homeless sites 1 week campaign starting on 14th February.





Communication and Engagement updates 8th February 2022

A selection of some of the content encouraging vaccine uptake

Long COVID-19

Healthy Brum O

JabCab

COVID-19 Support Payments

Vaccination and Pregancy















Communication and Engagement Future Plans

Representation

- Continue to **share people's stories** from across our communities of place, identity, interest and key stakeholders such as elected members with impactful public health risk messages **to encourage continuous caution and safety**.
- Organise more polls and Q&As targeting communities and identify influencers for COVID-19 messages including six safety behaviours,.
- Continue meetings with COVID-19 Community Champions fortnightly and Youth Champions monthly.
- Continue work with West Birmingham Vaccine Hesitancy Group; support BCWB/BVSC community providers and city-wide engagement.
- · Progress evaluation and learning from engagement with Faith leaders and Champions and use to shape and plan future engagement.

Reach

- Continue to push 'COVID-19 is not over messages' across all channels and stakeholders. Radio Adverts and leaflet to focus on testing.
- Update on COVID-19 guidance, care sector mandatory vaccination from 11th November and government's Autumn/Winter plans and plan B.
- Share links to walk-in sites: https://www.birminghamandsolihullcovidvaccine.nhs.uk/walk-in/
- Share links free taxi service to get a vaccine BirminghamJabCab Free taxi service to get a vaccine or booster | Birmingham City Council
- Support NHS to deliver COVID-19 vaccinations including localised community-led content and respond to FAQs about boosters, 12-15 years vaccines. https://www.birminghamandsolihullccg.nhs.uk/get-involved/campaigns-and-toolkits
- Increase **content such as videos related to wider health topics**, **alongside COVID-19 awareness and education**. Co-production of safety messages with schools, safety messages with faith leaders **Winter Plan**: Be Healthy Campaign including Flu/COVID-19 vaccines.

Response

- Develop **ongoing campaign and community dialogue in response to commonly asked questions and misinformation** related to COVID-19 including about vaccines and other related health messages. Look to do more COVID-19 Fatigue polls and surveys.
- Continue to **work with and support commissioned partners** through training workshops, content co-creation and improved reporting using polls to better understand impact and the need for more content and support for partners as they support communities.
- Evaluation of commissioned provider work and considerations for more work with Blind, Black African & Caribbean and young people.
- Develop Business Champions project with GBCC and extend reach to include Growth Hub, BIDs and FSB.
 - Housing pilot "Action Days" develop further with BCC housing department, NHS and community pharmacist.







For more information please visit www.birmingham.gov.uk/commonwealth2022







