

Covid Vaccination Overview

Data extracted on 23/02/2021



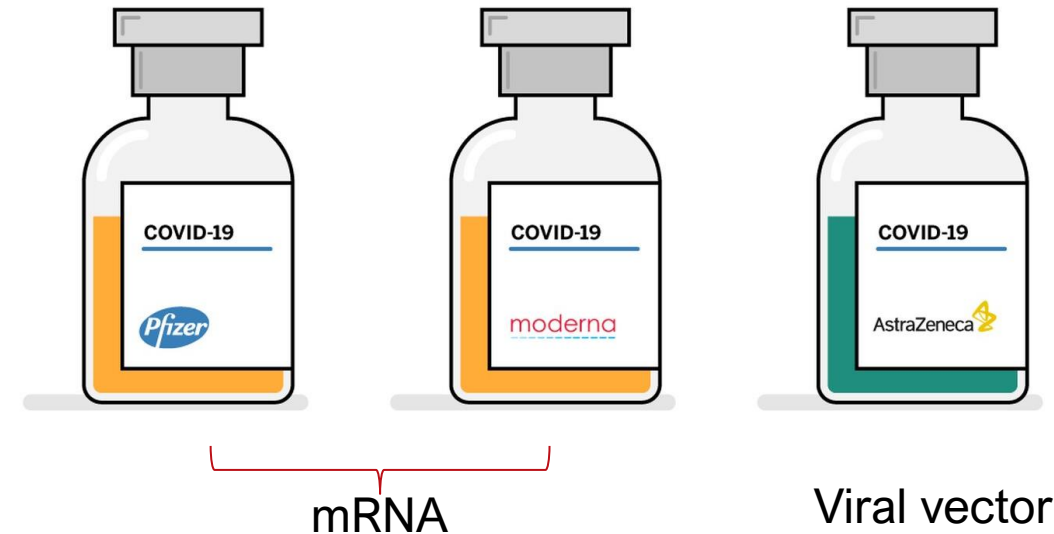
Coronavirus-19

- Covid-19 is the disease caused by a newly discovered coronavirus that was identified in December 2019.
- The most common symptoms are **fever, dry cough** and **lose of taste or smell**. Some people develop other symptoms but these are the most common ones.
- Among those who develop symptoms, most (about 80%) recover from the disease without needing hospital. About 15% become seriously ill and require oxygen and 5% become critically ill and need intensive care.
- COVID-19 virus spreads mainly through **droplets of saliva** or **discharge from the nose when an infected person coughs or sneezes**.
- The virus gets into our bodies through our eyes, mouth and nose, when these droplets land there or we touch something contaminated with the droplets and then touch our face.
- We prevent the spread of the virus by **washing hands** regularly, keeping **physical distancing** outside the house we live in of at least 2 metres, wearing a **mask or face covering** when inside, keeping rooms **well ventilated**, avoiding crowds and close contact, and coughing into a bent elbow or tissue



Covid-19 Vaccines

- The COVID-19 vaccine is given as an injection into your upper arm.
- It's given as **2 doses**. You will have the 2nd dose 12 weeks after having the 1st dose.
- The first dose significantly reduces the risk of dying or ending up in hospital if infected but it doesn't give strong protection from infection, this is why the second dose is needed.
- The Pfizer and Moderna vaccines are both over 90% effective after the 2nd dose and the AZ Oxford vaccine is over 80% effective after the second dose.
- The **effects of the vaccine take several weeks to kick in** so it is essential people maintain hands, face, space even after they have had both doses.
- The vaccine **does not contain any animal or foetal products**.



These vaccines use a bit of the virus genetic code as a one time only instruction to our cells to create the virus protein spike.

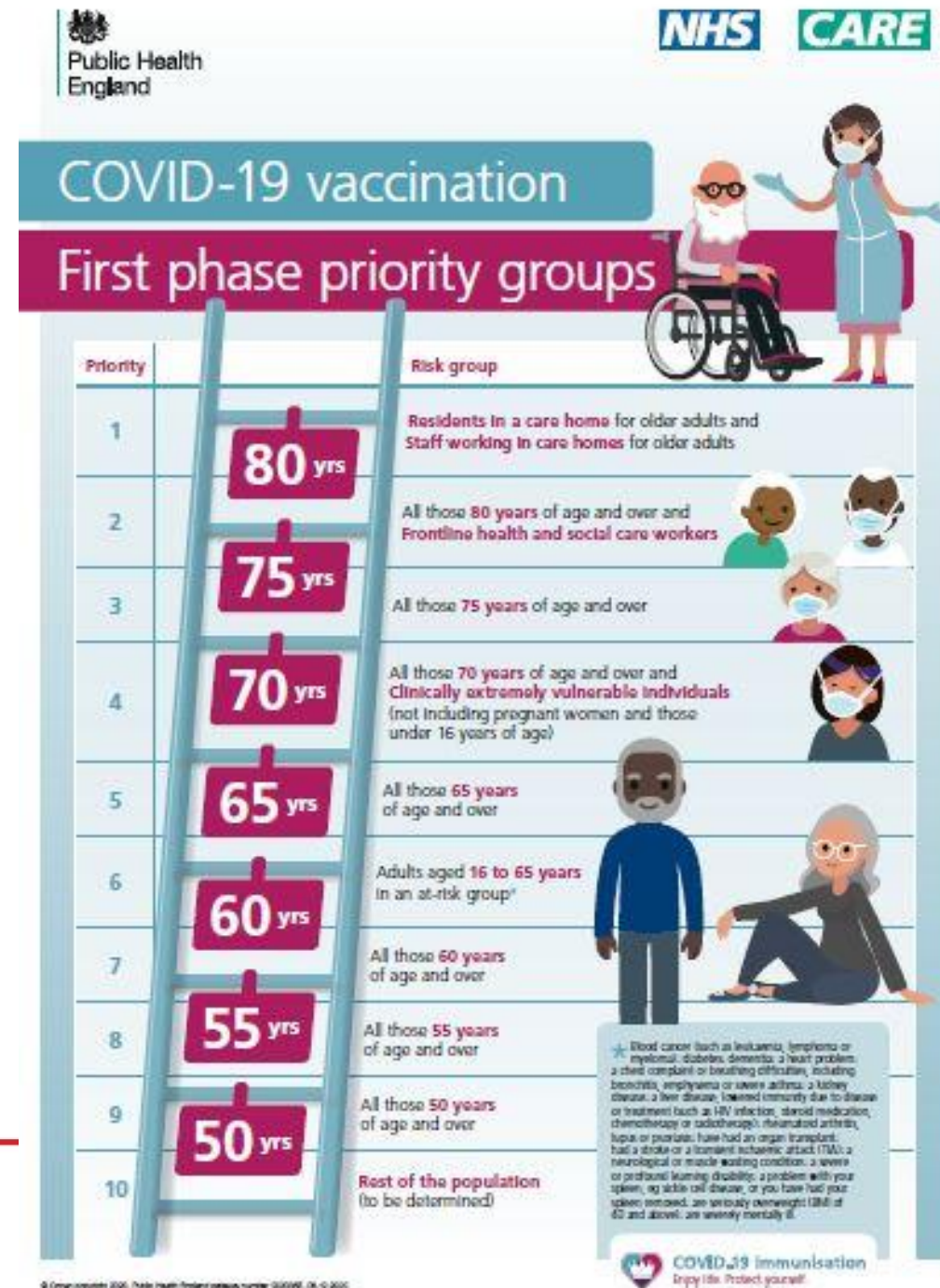
It is only the bit that has instructions for the protein spike, not the whole virus.

The body then reacts to the spike protein to make antibodies that recognise it and will defend against the Covid-19 virus that has this protein on its surface.

These vaccines use a harmless animal virus that can't reproduce to introduce the instructions to make just the spike protein into infected cells.

Vaccination rollout

- The vaccination roll out is being led by NHS England through a matrix of vaccine mass vaccination sites, primary care vaccine hubs and housebound vaccine deployment.
- Vaccine is being deployed to vaccinate the 9 priority groups which have been identified by the Joint Committee for Vaccination and Immunisation (JCVI). These groups have been identified as the groups that are most likely to die or be hospitalised if they catch Covid.
- Once the 9 priority groups have received the two doses of vaccine then a second phase of vaccination will start and the decision on how this will be prioritised is still being agreed nationally.



Data on Vaccination Uptake



Local Data – Public Data (8th Dec 2020 to 14th Feb 2021)

ICS/STP of Residence	1st dose							
	Under 70	70-74	75-79	80+	% of under 70yr pop	% of all 70-74 pop*	% of all 75-79 pop*	% of all 80+ pop*
England	5,700,276	2,564,466	1,927,943	2,649,791	15.0%	92.3%	99.3%	93.4%
BSOL ICS	113,578	41,533	32,017	46,459	14.4%	92.8%	95.9%	88.2%
BCWB ICS	123,984	51,111	41,277	58,278	13.6%	91.3%	91.7%	90.7%

CCG of Residence	1st dose	
	Under 70	70+
	5,700,276	7,142,200
NHS Birmingham and Solihull CCG	14%	92%
NHS Sandwell and West Birmingham CCG	12%	86%

Data is now being published weekly by NHSEI on coverage at ICS geography by age as a number and a % based on population estimates.

<https://www.england.nhs.uk/statistics/statistical-work-areas/covid-19-vaccinations/>

Data Changes & Deployment Update

- Priority Group 4 Clinically Extremely Vulnerable was expanded recently to include a large number of individuals under 70yrs who are now eligible for the vaccine.
- The NHS updated the dashboard of data following the expansion of the Clinical Extremely Vulnerable priority group and this has lowered the % uptake in this group.
- Priority Group 5 (65-69yr olds) has now been offered vaccine but this is relatively recent.

Priority Groups currently being called for vaccination

Priority	Risk group	% First Dose Uptake		22/02/21	
		NHS Birmingham & Solihull		NHS Sandwell & West Birmingham	
		Total	Birmingham	Total	Birmingham
1	Residents in a care home for older adults and staff working in care homes for older adults	N/A on Foundry			
2	All those 80 years of age and over	89.02%	87.12%	84.30%	74.50%
	Frontline health and social care workers	Current significant data issues in denominator definition			
3	All those 75 years of age and over	90.81%	89.35%	87.24%	79.33%
4	All those 70 years of age and over	89.32%	87.54%	84.91%	74.44%
	Clinically extremely vulnerable individuals (not including pregnant women and those under 16 years of age)	57.32%	53.16%	54.48%	40.03%
5	All those 65 years of age and over	77.46%	74.39%	71.67%	57.09%
6	All those 60yrs and over	32.65%	33.49%	26.13%	24.78%

Source: NHS NIMS Extracted 16/02/21

Key local uptake issues

- Huge effort has been made to ensure 100% of those eligible in the priority groups have been contacted to be offered a vaccine as their priority group is called forward.
- There are recognised data quality issues on NHS NIMS dashboard, where the data is drawn from, and therefore these figures may change as these issues are resolved.
- Uptake is lowest for the Clinically Extremely Vulnerable priority group (CEV) of those groups that have been vaccinating for more than two weeks.
- Uptake is lowest in more deprived communities and in some ethnic communities, particularly the African and Black Other ethnic communities followed by Pakistani and Bangladeshi communities across most priority groups.
- There some consistent wards with the lower uptake across multiple priority groups primarily in the Yardley, Hodge Hill,, Ladywood and Perry Barr constituency areas.

Erdington Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/02					Data for 11-17/02/2021	Data for 12-18/02/2021	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	CEV	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Erdington	90.84%	92.12%	89.46%	79.70%	67.52%	192.2	6,462	37.768	21.8
Gravelly Hill	81.90%	82.71%	81.67%	70.47%	49.33%	157.7	4,822	50.71	47.5
Kingstanding	85.40%	91.08%	86.19%	76.22%	59.96%	152.5	7,277	49.502	18.3
Perry Common	87.92%	89.86%	87.61%%	72.44%	57.92%	186.6	5,309	41.13	24.9
Pype Hayes	90.29%%	90.85%	89.32%	71.57%	66.53%	222.9	4,896	37.205	21.8
Stockland Green	82.17%%	83.88%	83.84%	68.44%	55.15%	254.1	5,290	43.486	39.6
Castle Vale	90.37%	92.90%	90.88%	84.51%	75.57%	256.4	6,646	50.607	13.9

Edgbaston Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/02					Data for 11-17/02/2021	Data for 12-18/02/2021	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	CEV	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Bartley Green	89.17%%	92.85%	89.48%	76.95%	65.83%	223.5	6,083	39.306	18.1
Balsall Heath West	69.09%	78.79%	71.04%	50.25%	31.19%	158.3	6,380	56.681	78.8
Edgbaston	86.19%%	86.75%	88.42%	73.57%	60.06%	137.0	4,265	18.224	40.2
Harborne	89.69%	90.34%	89.95%	80.89%	70.33%	131.4	4,259	26.895	29.1
North Edgbaston	74.37%	81.18%	79.96%	63.52%	44.86%	183.1	4,121	36.859	64.9
Quinton	89.08%	91.06%	89.48%	75.92%	68.77%	171.6	4,825	28.95	28.4
Weoley & Selly Oak	91.53%	89.73%	86.88%	73.10%	62.79%	197.9	5,232	37.3	23.9

Hall Green Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/02					Data for 11-17/02/2021	Data for 12-18/02/2021	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	CEV	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Sparkbrook & Balsall Heath East	62.42%	66.76	61.62%	47.17%	22.57%	147.1	3,151	59.994	87.9
Hall Green North	85.52%	87.57%	89.17%	73.14%	43.95%	127.2	4,431	29.875	57.6
Hall Green South	91.36%	93.26%	94.22%	84.20%	65.68%	68.0	4,168	15.347	32.1
Moseley	85.39%	88.57%	85.33%	75.02%	51.56%	127.9	5,086	33.313	45.3
Sparkhill	72.18%%	69.83%	65.38%	48.66%	26.23%	147.8	2,961	42.748	88.2

Hodge Hill Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/02					Data for 11-17/02/2021	Data for 12-18/02/2021	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	CEV	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Alum Rock	61.47%	71.11%	66.52%	22.79%	51.98%	255.3	2,708	57.397	90.8
Bromford & Hodge Hill	89.65%	88.40%	85.35%	48.28%	73.66%	200.9	4,264	40.457	47.6
Glebe Farm & Tile Cross	84.32%	86.64%	83.91%	47.11%	72.52%	233.8	5,282	50.924	32
Heartlands	71.43%	77.71%	75.52%	53.50%	29.97%	148.6	3,885	52.708	78.1
Shard End	91.09%	89.40%	91.25%	80.94%	60.14%	180.8	5,820	51.016	14.3
Small Heath	68.97%	77.42%	70.73%	52.33%	25.67%	230.4	3,239	50.286	90.9
Ward End	73.19%	76.56%	69.58%	64.21%	32.96%	255.3	3,261	49.462	75.6

Ladywood Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/02					Data for 11-17/02/2021	Data for 12-18/02/2021	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	CEV	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Aston	66.27%	73.85%	63.89%	53.77%	29.33%	154.6	3,229	52.761	89.9
Bordesley & Highgate	67.27%	71.90%	72.64%	47.78%	26.27%	137.2	3,074	53.133	74.7
Bordesley Green	69.55%	67.04%	66.67%	46.07%	22.52%	311.9	3,096	58.061	85.5
Ladywood	74.13%	75.10%	69.63%	54.38%	35.42%	137.8	3,778	40.397	53.1
Nechells	72.39%	75.96%	78.54%	58.21%	38.72%	121.6	3,476	49.375	65.6
Newtown	66.92%	68.75%	63.04%	37.50%	22.22%	98.9	3,717	61.187	77.9
Soho & Jewellery Quarter	68.87%	73.85%	69.57%	50.94%	38.89%	319.0	4,752	44.822	68.1

Northfield Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/02					Data for 11-17/02/2021	Data for 12-18/02/2021	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	CEV	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Allens Cross	90.04%	91.67%	89.68%	79.12%	67.21%	264.7	6,229	39.883	17.6
Frankley Great Park	92.10%	93.68%	90.61%	73.42%	69.91%	185.9	18,050	44.773	13
King's Norton North	92.61%	61.24%	92.55%	77.84%	68.67%	179.0	5,676	32.045	13.7
King's Norton South	92.67%	90.29%	89.58%	76.64%	59.49%	283.8	6,697	48.92	16.7
Longbridge & West Heath	94.58%	93.54%	91.32%	82.99%	73.66%	263.1	6,588	34.185	10.2
Northfield	94.33%	96.39%	93.99%	81.69%	78.21%	155.4	9,701	21.929	10.4
Rubery & Rednal	93.01%	93.58%	94.21%	74.04%	67.26%	227.1	6,787	36.243	9.1

Perry Barr Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/02					Data for 11-17/02/2021	Data for 12-18/02/2021	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69%	CEV	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Birchfield	64.34%	74.88%	72.93%	54.02%	30.97%	264.4	4,301	51.032	86.3
Handsworth	65.88%	76.38%	73.85%	54.13%	41.54%	231.8	3,397	49.105	88.4
Handsworth Wood	82.98%	85.68%	80.55%	71.09%	52.64%	240.5	4,593	26.555	74.8
Holyhead	72.71%	71.88%	66.16%	50.12%	41.76%	168.6	3,396	48.738	83.6
Lozells	65.81%	66.22%	62.75%	45.64%	21.84%	163.5	3,535	56.773	93.1
Oscott	90.96%	89.06%	89.29%	77.68%	68.55%	178.6	5,204	28.494	16.2
Perry Barr	86.57%	89.10%	86.34%	67.61%	56.61%	176.7	4,181	23.855	42.4

Selly Oak Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/02					Data for 11-17/02/2021	Data for 12-18/02/2021	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	CEV	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Billesley	87.94%	89.09%	87.88%	73.02%	55.54%	130.4	5,042	37.531	29.1
Bournbrook & Selly Park	90.78%	92.24%	88.96%	73.90%	58.27%	47.4	3,514	21.747	27.8
Bournville & Cotteridge	91.26%	92.96%	92.79%	82.50%	73.33%	116.7	5,703	25.546	14.2
Brandwood & King's Heath	87.50%	90.52%	88.79%	74.05%	59.09%	148.3	5,036	27.039	27.4
Druids Heath & Monyhull	91.78%	89.17%	88.89%	78.68%	60.27%	254.5	6,575	42.931	18.8
Highter's Heath	88.63%	90.60%	87.73%	76.86%	62.20%	189.9	6,991	30.142	13.4
Stirchley	89.26%	92.03%	84.57%	75.24%	63.30%	199.8	5,993	29.71	22

Sutton Coldfield Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/02					Data for 11-17/02/2021	Data for 12-18/02/2021	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	CEV	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Sutton Four Oaks	94.70%	96.80%	94.82%	91.01%	92.45%	87.6	4,455	9.781	12.2
Sutton Mere Green	95.69%	95.65%	94.50%	90.63%	90.08%	60.3	4,807	11.541	9.4
Sutton Reddicap	90.50%	96.05%	91.87%	85.44%	83.39%	171.7	4,909	22.596	11.1
Sutton Roughley	94.51%	95.74%	94.35%	89.85%	87.13%	121.5	5,140	7.091	10.1
Sutton Trinity	93.85%	91.79%	93.54%	87.92%	88.09%	140.2	5,563	14.093	9.3
Sutton Vesey	93.51%	93.65%	94.70%	85.79%	94.35%	183.9	4,762	12.404	14.4
Sutton Walmley & Minworth	91.54%	93.38%	94.00%	89.74%	90.32%	226.5	5,260	13.01	9.7
Sutton Wylde Green	93.40%	94.84%	94.49%	89.31%	86.67%	90.7	5,850	9.396	13.1

Yardley Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/02					Data for 11-17/02/2021	Data for 12-18/02/2021	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	CEV	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Acocks Green	87.08%	87.10%	84.24%	70.36%	50.70%	152.8	5,224	38.793	35.7
Garretts Green	84.80%	87.00%	86.36%	66.43%	55.80%	111.9	5,613	49.728	24.2
Sheldon	89.97%	93.91%	91.08%	82.37%	65.66%	237.0	5,067	31.202	14.4
South Yardley	89.16%	91.51%	88.41%	77.37%	53.98%	235.3	5,130	28.757	24.5
Tyseley & Hay Mills	76.60%	84.23%	80.20%	63.61%	38.46%	278.9	4,383	48.27	46.7
Yardley East	89.47%	91.93%	91.74%	75.83%	60.03%	212.3	5,926	30.504	24.3
Yardley West & Stechford	83.63%	87.79%	84.30%	66.43%	41.94%	240.1	3,7566	43.957	48

Demographics of uptake: Deprivation (extract 23/02)

Uptake of vaccine by deprivation shows lower uptake in more deprived communities than in more affluent communities.

Deprivation based on postcode of residence	% uptake of 1st Dose of Covid Vaccination data extracted 23/02				
	Over 80yr olds	75-79yrs	70-79yrs	65-69yrs	CEV
Deprived (DQ1)	81.56%	85.16%	82.71%	67.28%	47.51%
Moderately Deprived (DQ2)	89.53%	90.67%	88.96%	77.27%	63.84%
Average (DQ3)	91.59%	93.06%	92.74%	83.17%	73.11%
Moderately Affluent (DQ4)	93.32%	93.64%	93.74%	86.34%	81.54%
Affluent (DQ5)	95.05%	95.51%	94.71%	89.69%	87.93%

Demographics of uptake: Ethnicity (extract 23/02)

Across the priority groups uptake of vaccine is lower in African, Caribbean and Black communities and then Pakistani and Bangladeshi communities, but there is a significant difference in the size of different ethnic groups in different priority groups e.g. the total eligible population of >80yrs from a Pakistani ethnic group is 3,182 compared to 399 from African ethnic groups.

Ethnic Group	% uptake of 1st Dose of Covid Vaccination data extracted 23/02				
	Over 80yr olds	75-79yrs	70-79yrs	65-69yrs	CEV
Not recorded	68.17%	78.17%	75.43%	61.39%	49.76%
African	60.15%	59.00%	56.35%	48.56%	26.80%
Any other Asian background	74.25%	76.96%	77.15%	65.75%	39.12%
Any other Black background	65.59%	58.33%	58.93%	41.81%	29.77%
Any other ethnic group	68.38%	74.67%	67.80%	57.27%	31.21%
Any other mixed background	80.21%	71.43%	70.40%	60.74%	36.80%
Any other White background	89.72%	89.08%	85.47%	68.69%	61.41%
Arab	77.78%	44.44%	61.54%	33.33%	21.74%
Bangladeshi or British Bangladeshi	68.48%	68.55%	73.29%	56.41%	23.36%
British, Mixed British	93.83%	94.50%	93.77%	85.16%	79.30%
Caribbean	66.64%	68.30%	60.97%	43.49%	35.97%
Chinese	80.77%	67.66%	67.19%	59.38%	41.57%
Indian or British Indian	86.40%	87.14%	85.30%	77.31%	55.19%
Irish	91.77%	91.99%	88.85%	78.99%	84.47%
Pakistani or British Pakistani	68.21%	70.56%	68.32%	53.72%	27.15%
Traveller	0.00%	33.33%	0.00%	0.00%	0.00%
White and Asian	68.75%	80.56%	75.71%	71.76%	38.49%
White and Black African	66.67%	62.50%	53.33%	50.67%	35.19%
White and Black Caribbean	65.74%	70.94%	68.70%	47.49%	36.58%

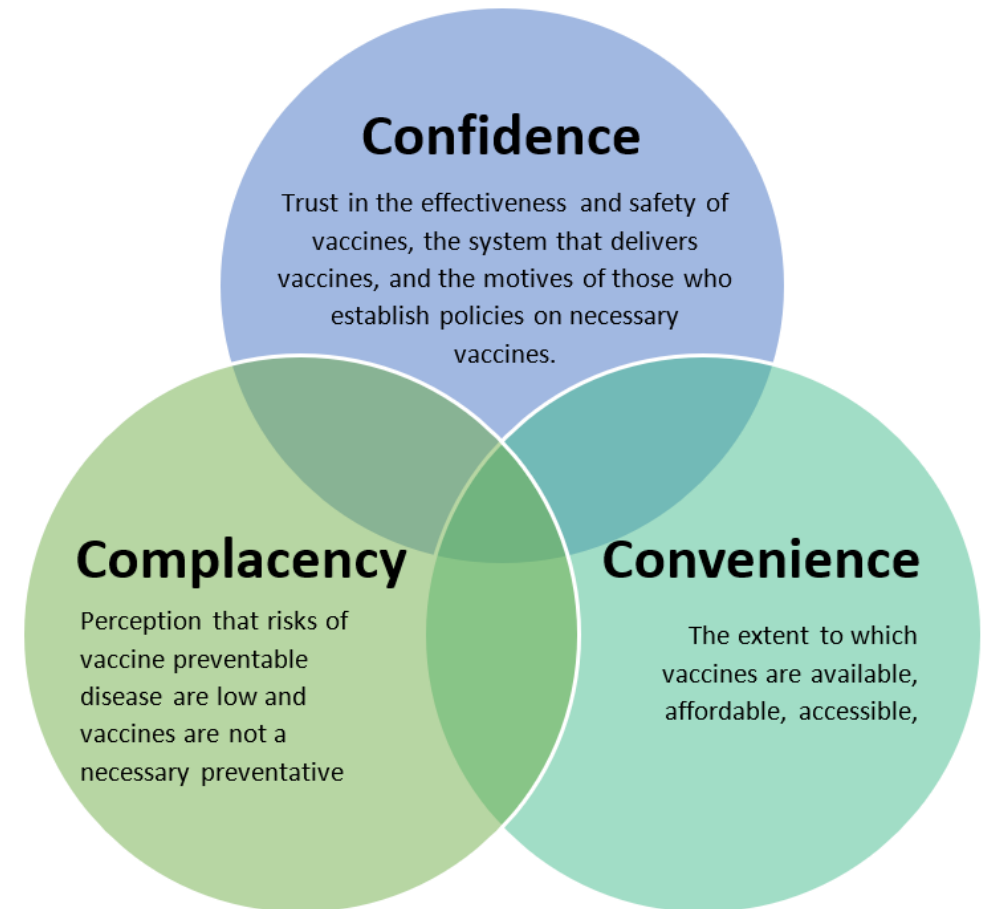
Actions being taken to improve uptake



Vaccine uptake barriers

- Digital access and booking confusion
- Eligibility confusion
- Patient data inaccuracy
- Contraindications confusion esp. around allergies
- Not wanting to be first to have it
- Safety & efficacy concerns
- Fake news & myths causing anxiety
- Don't see the benefit to the individual
- Language barriers
- Transport barriers
- Trust & confidence in NHS & Government
- Household decision making
- Legacy of historic medical research abuse

Vaccine Hesitancy



Engagement Activity

Individual Patient & Practice Level

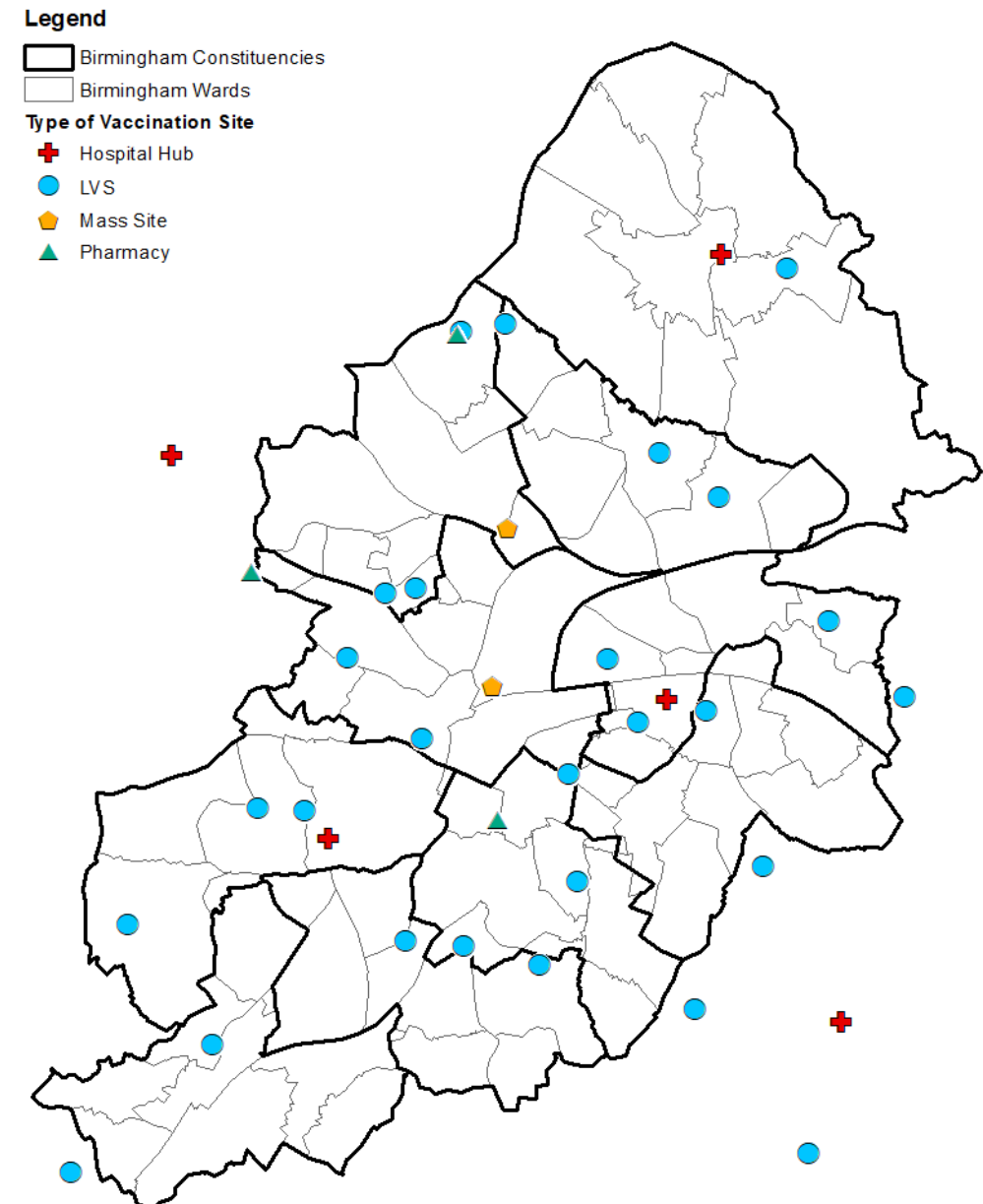
- Individual approach to patients who have not taken up offer of first dose by practice admin team.
- If required second level follow up by clinical practice team if specific medical concerns about vaccination.

Community Level

- Community vaccination digital forums chaired by Cabinet Member for Health & Social Care with local GPs and Public Health.
- Vaccination awareness and understanding sessions undertaken with Covid Community Champions, Community Engagement Partners, targeted groups such as care workers and social workers.
- Weekly meetings with faith leaders discussing vaccination uptake issues.
- Targeted local community coms through community radio stations and digital media.

Deployment & Access Activity

- Expansion of vaccination sites including additional large scale site at Aston FC and increased access through primary care sites to bring access closer to patients.
- Mobile units for vaccination being co-located with faith settings.
- Vaccination of the housebound is being delivered through Birmingham Community Healthcare Trust.
- Birmingham was the first area to co-locate vaccination centre in a Mosque and the local NHS are working to expand this offer through a second faith based site and exploring opportunities with other faith settings to host vaccination and testing sites.
- Working with individual practices to ensure data accuracy and identify individuals who are 'ghosts' or abroad so unable to take up the offer.



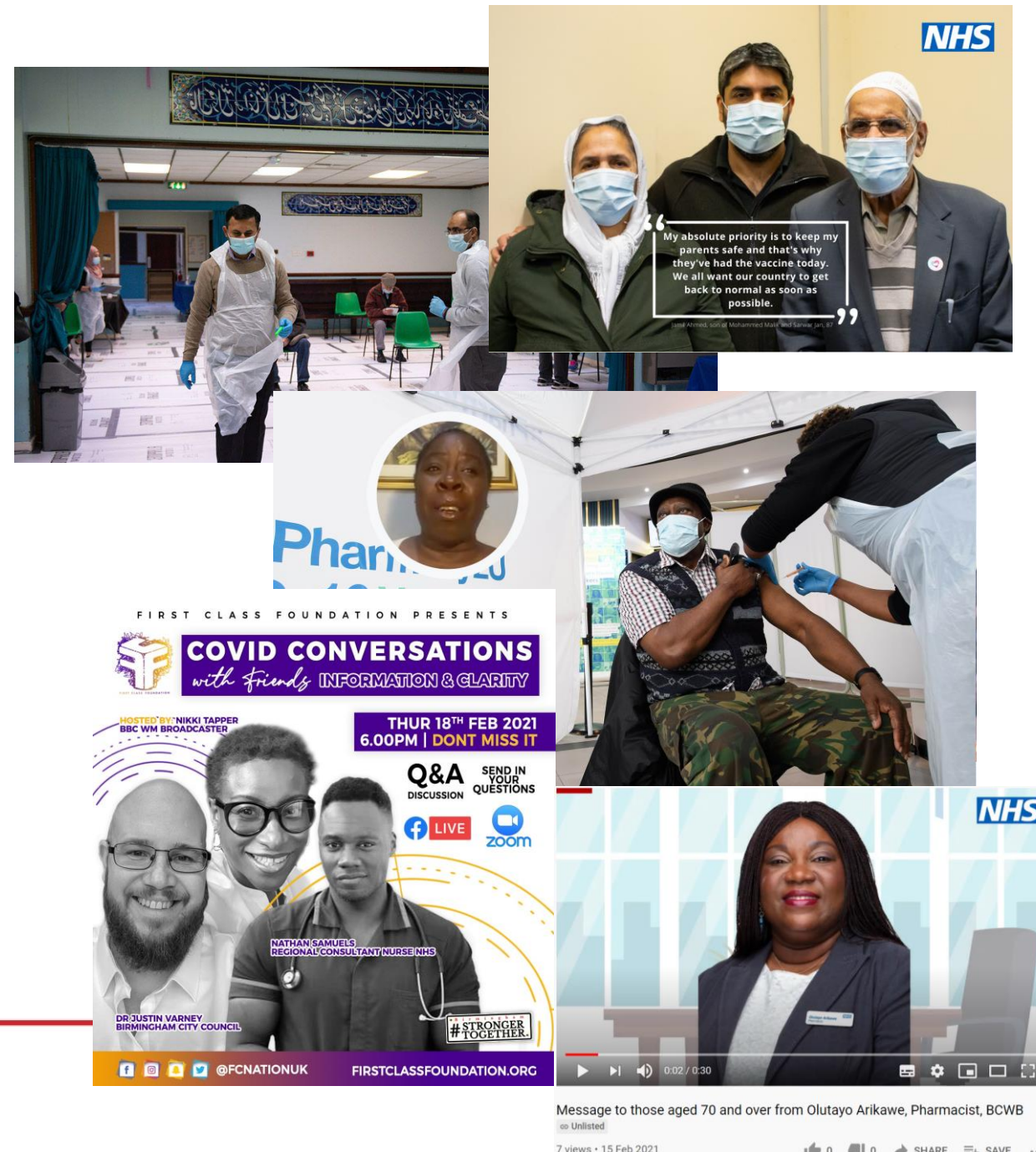
Communication and Marketing Activity

- [Birmingham and Solihull Vaccination Website](#) launched with information on booking and frequently asked questions. There were over 90,000 views in the last week to the website. Similar website for [Black Country and West Birmingham](#).
- Social media dissemination of information through all public sector partners.
- Paid advertising through digital and radio media, with specific focus on translated materials and ethnic focused providers.
- Facilitated webinar/Q&A sessions open for participation across the city.



Work undertaken with community partners

- NHS BAME staff networks and Elected members developing content and messaging.
- Targeted vaccine engagement conversations facilitated by community organisations e.g First Class Foundation, Chinese Community Centre.
- Birmingham CVS platform of vaccine information - <https://www.bvsc.org/vaccination-programme>
- Near Neighbours Community Videos - <https://www.near-neighbours.org.uk/covid-videos>



Some of the translated resources on vaccination

- Easy Read
 - <https://www.oxfordhealth.nhs.uk/news/easy-read-resources-on-covid-vaccine/>
 - <https://www.mencap.org.uk/advice-and-support/coronavirus-covid-19/coronavirus-help-stay-safe-and-well>
 - <https://suffolkordinarylives.co.uk/covid-19-vaccine-information-from-camden-learning-disability-service/>
 - <https://www.easyhealth.org.uk/index.php/health-leaflets-and-videos/covid-19/>
 - <https://www.keepsafe.org.uk/vaccine-questions>
- NHS Videos in a range of languages
 - <https://vimeo.com/user132203718>
 - MWNUK's trustee, Dr. Iram Sattar who is also a GP, has explained why it is important for people to take the vaccine in a recent blog post on, "Covid-19 Vaccine Myths vs Facts" - <https://bit.ly/35KQKbJ>
- BSL information
 - <https://signhealth.org.uk/campaign/covid-19-vaccine-information/>
- Faith focused resources
 - FaithAction, a multi-faith agency, has a series of blogs and information pages on faith and the vaccine which you can find here <https://www.faithaction.net/blog/2021/01/28/covid-19-vaccine-early-data-hesitancy-and-faith/>
 - Islam
 - London Colney Islamic Centre video <https://www.youtube.com/watch?app=desktop&v=cbYr2Zc8N2I>
 - Cheadle Majid Video https://www.facebook.com/story.php?story_fbid=138758998079007&id=525046467622887&scmts=scwspssdd
 - British Islamic Medical Association Vaccine Hub <https://britishima.org/operation-vaccination/hub/statements/>
 - Judaism
 - Jewish Care have launched a covid vaccination campaign and you can find their resources here <https://www.jewishcare.org/news/1542-jewish-care-launches-covid19-vaccination-campaign>
 - Christianity
 - Fr Albert gives a message to Catholics https://www.youtube.com/watch?v=NCjb56TLQzw&feature=emb_title
 - Information for Caribbean Christians <https://www.facebook.com/cahngm/videos/708491873193955/>

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