

Covid Vaccination Overview

Data extracted on 23/03/2021



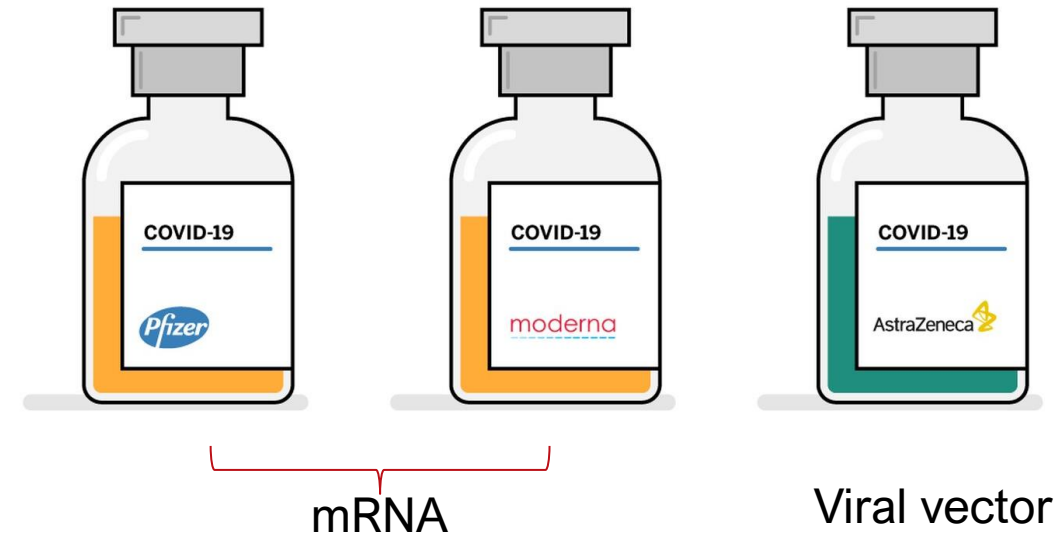
Coronavirus-19

- 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.

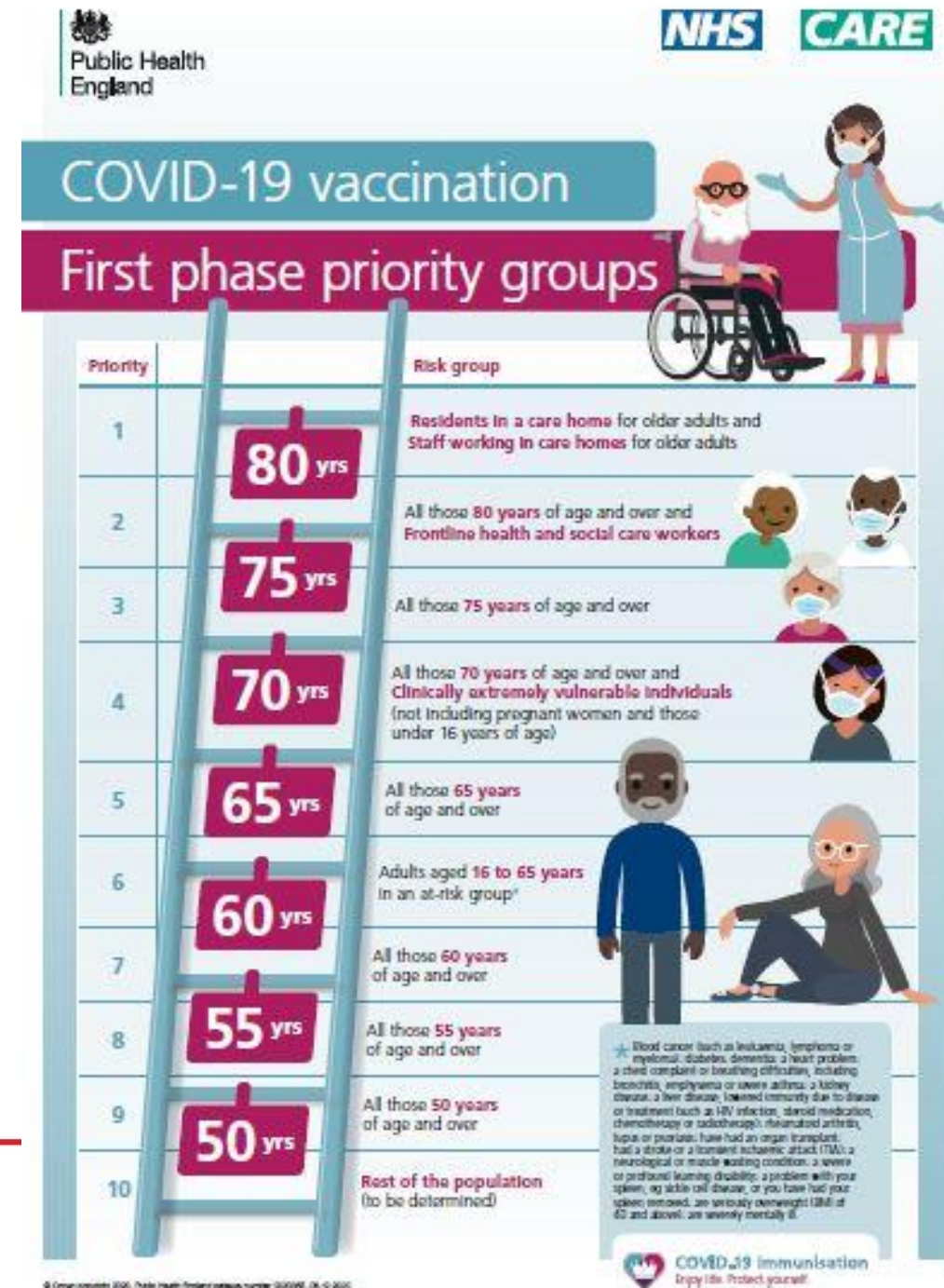
It is only the bit that has instructions for the protein spike, not the whole virus.

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



Data Changes & Deployment Update

- Priority Group 4 Clinically Extremely Vulnerable was expanded 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.
- New data is now being included on uptake of vaccine in those under 65yrs who are in the clinically vulnerable group.
- Data on the uptake of the vaccine in health and social care workers has some concerns at ward level but at a CCG and local authority level it helps provide an insight into vaccine uptake trends in this group.
- Priority Group 9 (50-54yr olds) have now been offered vaccine but this is relatively recent.
- We now have access to data from all border CCGs which strengthens the data coverage.

Priority Groups currently being called for vaccination

Priority	Risk group	% First Dose Uptake				22/03/21	
		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	91.29%	89.76%	87.55%	79.10%	93.78%	88.50%
	Frontline health and social care workers	76.97%	75.49%	69.42%	61.35%	81.05%	73.56%
3	All those 75 years of age and over	92.77%	91.60%	89.70%	82.96%	94.78%	90.68%
4	All those 70 years of age and over	91.68%	90.30%	88.09%	78.94%	93.77%	89.09%
	Clinically extremely vulnerable individuals (not including pregnant women and those under 16 years of age)	80.35%	78.34%	78.54%	69.11%	85.49%	76.77%
5	All those 65 years of age and over	87.54%	85.70%	82.61%	70.59%	90.50%	83.71%
6	Individuals aged 16-64yrs who are clinically vulnerable	69.08%	66.06%	65.00%	51.03%	73.57%	63.56%
7	All those 60yrs and over	82.68%	80.20%	75.88%	61.83%	86.10%	77.55%
8	All those 55yrs of age and over	76.16%	73.34%	67.31%	52.44%	78.35%	70.12%
9	All those 50yrs of age and over	65.57%	62.56%	57.19%	44.23%	67.71%	59.68%
	Carers -DWP	58.35%	56.60%	61.60%	49.31%	65.17%	55.66%
	Carer - LA	68.18%	63.89%	57.57%	49.97%	71.61%	61.73%

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 lower in both the Clinically Extremely Vulnerable priority group (CEV) and those who are Clinically Vulnerable which is of particular concern given these groups higher risk of severe illness.
- 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 are some consistent wards with the lower uptake across multiple priority groups but there have been some significant improvements in coverage.

Erdington Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/03											Data for 13 - 19/03/21	Data for 12 - 18/03/22	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	60-64yrs	55-59yrs	50-54yrs	CEV	COVID at Risk	Carers - LA	Carers - DWP	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Castle Vale	91.6%	95.1%	93.2%	90.4%	85.4%	80.0%	73.5%	86.6%	75.6%	72.7%	62.9%	0.0	12,031	50.6	13.9
Erdington	92.6%	93.9%	91.1%	88.0%	80.9%	75.1%	70.3%	84.5%	72.9%	74.8%	59.9%	62.8	14,012	37.8	21.8
Gravelly Hill	85.8%	86.9%	86.5%	80.3%	69.8%	65.4%	55.0%	75.2%	60.9%	61.7%	57.5%	83.2	12,427	50.7	47.5
Kingstanding	87.9%	92.5%	89.3%	87.5%	81.0%	71.8%	67.8%	83.8%	70.1%	64.9%	65.5%	47.5	15,011	49.5	18.3
Perry Common	90.7%	92.4%	90.2%	87.9%	82.9%	72.8%	70.9%	82.3%	69.8%	70.5%	64.9%	42.9	13,061	41.1	24.9
Pype Hayes	90.6%	92.7%	91.5%	87.1%	84.4%	75.9%	68.5%	84.8%	73.5%	66.1%	61.9%	92.5	13,693	37.2	21.8
Stockland Green	85.9%	87.0%	86.5%	82.9%	73.8%	66.1%	57.7%	76.6%	63.1%	68.6%	58.2%	95.2	12,802	43.5	39.6

Edgbaston Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/03											Data for 13 - 19/03/21	Data for 12 - 18/03/22	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	60-64yrs	55-59yrs	50-54yrs	CEV	COVID at Risk	Carers - LA	Carers - DWP	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Bartley Green	90.6%	94.4%	92.7%	87.4%	83.8%	76.4%	66.8%	83.2%	72.0%	71.6%	63.6%	21.9	15,901	39.3	18.1
Edgbaston	87.5%	88.4%	89.1%	80.6%	72.0%	71.0%	62.7%	79.3%	65.9%	68.3%	40.6%	117.7	11,100	18.2	40.2
Harborne	91.0%	91.1%	90.8%	86.7%	79.1%	75.6%	68.0%	83.5%	71.6%	70.5%	59.5%	74.6	13,279	26.9	29.1
Quinton	92.1%	92.7%	90.9%	87.2%	84.2%	79.6%	71.2%	84.9%	72.6%	72.7%	66.3%	68.6	15,598	29.0	28.4

Hall Green Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/03											Data for 13 - 19/03/21	Data for 12 - 18/03/22	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	60-64yrs	55-59yrs	50-54yrs	CEV	COVID at Risk	Carers - LA	Carers - DWP	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Balsall Heath West	75.4%	85.4%	81.1%	68.9%	63.6%	51.0%	40.5%	64.3%	42.3%	40.2%	50.8%	106.3	14,818	56.7	78.8
Hall Green North	87.3%	90.1%	92.7%	87.1%	79.2%	72.6%	59.1%	78.4%	58.3%	53.4%	56.8%	70.1	13,175	29.9	57.6
Hall Green South	93.0%	95.6%	96.4%	90.5%	87.0%	82.6%	73.3%	85.4%	74.4%	79.2%	76.0%	57.3	15,972	15.3	32.1
Moseley	88.8%	90.2%	88.3%	86.9%	75.6%	70.3%	57.7%	78.1%	61.4%	59.7%	49.9%	59.7	15,281	33.3	45.3
Sparkbrook & Balsall Heath East	70.4%	74.4%	71.8%	68.9%	57.9%	47.2%	35.8%	61.9%	37.9%	42.3%	41.2%	42.2	12,320	60.0	87.9
Sparkhill	78.7%	77.8%	73.7%	72.2%	62.5%	51.7%	37.0%	65.0%	44.5%	49.0%	46.6%	59.8	11,783	42.7	88.2

Hodge Hill Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/03											Data for 13 - 19/03/21	Data for 12 - 18/03/22	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	60-64yrs	55-59yrs	50-54yrs	CEV	COVID at Risk	Carers - LA	Carers - DWP	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Alum Rock	67.6%	75.0%	73.1%	64.7%	60.4%	51.5%	41.4%	60.3%	44.4%	44.1%	42.9%	69.6	10,208	57.4	90.8
Bromford & Hodge Hill	91.8%	91.1%	89.8%	83.9%	78.7%	70.7%	57.0%	75.0%	61.0%	62.3%	52.3%	106.1	13,417	40.5	47.6
Glebe Farm & Tile Cross	88.5%	90.6%	88.1%	85.4%	76.4%	70.6%	58.8%	73.4%	61.2%	61.3%	54.3%	91.5	14,373	50.9	32.0
Heartlands	78.2%	82.1%	78.2%	72.1%	63.8%	55.9%	49.8%	65.9%	52.7%	56.1%	46.7%	104.5	11,812	52.7	78.1
Shard End	92.1%	92.1%	93.7%	89.9%	87.3%	78.9%	71.7%	85.0%	73.2%	65.2%	61.2%	381.8	15,577	51.0	14.3
Small Heath	73.6%	81.2%	77.8%	70.7%	63.7%	50.9%	41.7%	66.7%	48.6%	44.5%	47.8%	28.4	11,892	50.3	90.9
Ward End	79.7%	81.0%	74.5%	75.3%	67.7%	59.3%	48.8%	64.0%	51.7%	53.8%	44.9%	88.1	12,431	49.5	75.6

Ladywood Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/03											Data for 13 - 19/03/21	Data for 12 - 18/03/22	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	60-64yrs	55-59yrs	50-54yrs	CEV	COVID at Risk	Carers - LA	Carers - DWP	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Aston	73.5%	78.9%	70.6%	69.2%	60.0%	49.6%	43.0%	68.2%	47.3%	51.5%	50.0%	45.6	11,116	52.8	89.9
Bordesley & Highgate	71.8%	78.1%	78.4%	63.7%	61.3%	52.9%	44.2%	62.3%	46.9%	49.5%	44.7%	50.8	9,016	53.1	74.7
Bordesley Green	74.3%	72.2%	73.2%	66.4%	58.4%	46.6%	38.1%	62.0%	47.2%	39.9%	45.5%	110.2	9,989	58.1	85.5
Ladywood	78.4%	78.3%	73.1%	66.0%	61.8%	56.9%	49.1%	65.9%	54.8%	50.0%	47.2%	56.3	9,478	40.4	53.1
Nechells	75.8%	82.3%	83.3%	69.6%	62.9%	54.5%	44.8%	65.3%	49.9%	49.1%	50.8%	41.6	10,709	49.4	65.6
Newtown	71.7%	74.2%	70.1%	53.6%	47.1%	42.6%	33.2%	55.6%	35.8%	29.7%	41.1%	47.9	12,060	61.2	77.9
North Edgbaston	78.1%	84.4%	82.4%	73.7%	62.1%	56.8%	44.5%	69.7%	55.4%	46.7%	47.6%	65.0	11,688	36.9	64.9
Soho & Jewellery Quarter	74.4%	78.4%	74.2%	65.0%	57.9%	49.4%	41.7%	66.5%	48.7%	46.4%	45.6%	62.7	9,590	44.8	68.1

Northfield Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/03											Data for 13 - 19/03/21	Data for 12 - 18/03/22	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	60-64yrs	55-59yrs	50-54yrs	CEV	COVID at Risk	Carers - LA	Carers - DWP	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Allens Cross	93.1%	93.2%	91.6%	90.6%	84.9%	72.7%	57.6%	85.3%	74.9%	77.8%	61.7%	27.8	15,624	39.9	17.6
Frankley Great Park	92.9%	95.6%	94.5%	89.3%	89.4%	73.7%	66.0%	83.9%	72.0%	69.5%	57.8%	126.7	17,450	44.8	13.0
King's Norton North	94.5%	93.2%	94.0%	90.4%	85.6%	81.9%	70.2%	88.4%	75.4%	78.0%	56.7%	33.9	15,280	32.0	13.7
King's Norton South	94.4%	91.9%	91.7%	86.2%	81.5%	76.5%	65.4%	84.0%	67.3%	62.2%	54.6%	17.7	13,908	48.9	16.7
Longbridge & West Heath	95.8%	94.7%	93.7%	91.0%	86.6%	80.2%	68.6%	89.2%	72.1%	77.0%	59.9%	68.8	14,893	34.2	10.2
Northfield	95.8%	96.9%	95.6%	89.7%	88.6%	82.5%	63.8%	88.4%	79.3%	82.2%	66.5%	48.0	17,256	21.9	10.4
Rubery & Rednal	94.1%	95.9%	94.3%	89.5%	85.0%	75.1%	69.4%	86.2%	72.7%	71.4%	54.2%	73.8	14,120	36.2	9.1
Weoley & Selly Oak	93.8%	92.8%	89.1%	85.6%	79.9%	73.9%	57.2%	83.4%	68.0%	68.3%	59.6%	50.0	16,388	37.3	23.9

Perry Barr Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/03											Data for 13 - 19/03/21	Data for 12 - 18/03/22	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	60-64yrs	55-59yrs	50-54yrs	CEV	COVID at Risk	Carers - LA	Carers - DWP	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Birchfield	70.2%	80.6%	78.9%	67.8%	53.7%	49.0%	43.5%	65.7%	46.3%	46.3%	47.7%	79.6	10,560	51.0	86.3
Handsworth	72.7%	81.5%	80.5%	70.3%	57.0%	47.8%	41.6%	71.9%	51.3%	52.9%	52.6%	165.3	9,288	49.1	88.4
Handsworth Wood	87.1%	88.4%	84.1%	83.6%	74.6%	64.7%	57.6%	77.4%	61.5%	64.2%	58.2%	48.5	11,356	26.6	74.8
Holyhead	77.5%	76.6%	71.4%	63.6%	59.7%	50.8%	35.9%	69.3%	50.1%	52.3%	45.7%	48.2	9,185	48.7	83.6
Lozells	75.4%	73.6%	76.6%	68.9%	55.3%	50.8%	44.9%	70.2%	44.1%	48.1%	54.7%	51.0	15,591	56.8	93.1
Oscott	92.4%	91.2%	91.0%	87.7%	83.7%	73.5%	72.8%	85.5%	72.2%	65.6%	65.8%	74.5	15,423	28.5	16.2
Perry Barr	88.5%	92.4%	88.9%	81.3%	78.0%	61.5%	56.9%	79.3%	60.7%	61.4%	57.2%	101.8	12,646	23.9	42.4

Selly Oak Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/03											Data for 13 - 19/03/21	Data for 12 - 18/03/22	2015	2011 Census
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Billesley	91.3%	91.5%	90.1%	86.1%	84.1%	76.6%	64.7%	82.7%	70.2%	62.8%	60.7%	55.3	16,636	37.5	29.1
Bournbrook & Selly Park	92.3%	93.5%	92.4%	88.9%	81.0%	74.6%	55.8%	83.1%	66.8%	60.3%	57.8%	48.8	7,478	21.7	27.8
Bournville & Cotteridge	93.5%	95.2%	94.1%	90.0%	87.7%	81.7%	71.3%	86.9%	76.7%	72.4%	60.8%	89.6	18,926	25.5	14.2
Brandwood & King's Heath	92.3%	92.1%	90.5%	87.6%	82.9%	79.4%	64.5%	82.9%	74.3%	75.1%	61.2%	105.3	17,836	27.0	27.4
Druids Heath & Monyhull	94.4%	91.7%	91.9%	89.0%	86.0%	75.4%	66.7%	85.7%	69.4%	78.9%	61.0%	42.5	14,974	42.9	18.8
Highter's Heath	91.0%	93.7%	91.3%	91.4%	86.9%	82.0%	67.5%	86.9%	76.1%	70.2%	61.7%	71.0	16,478	30.1	13.4
Stirchley	91.0%	93.2%	89.2%	87.6%	83.4%	77.5%	68.7%	84.3%	70.5%	75.3%	64.2%	49.5	16,452	29.7	22.0

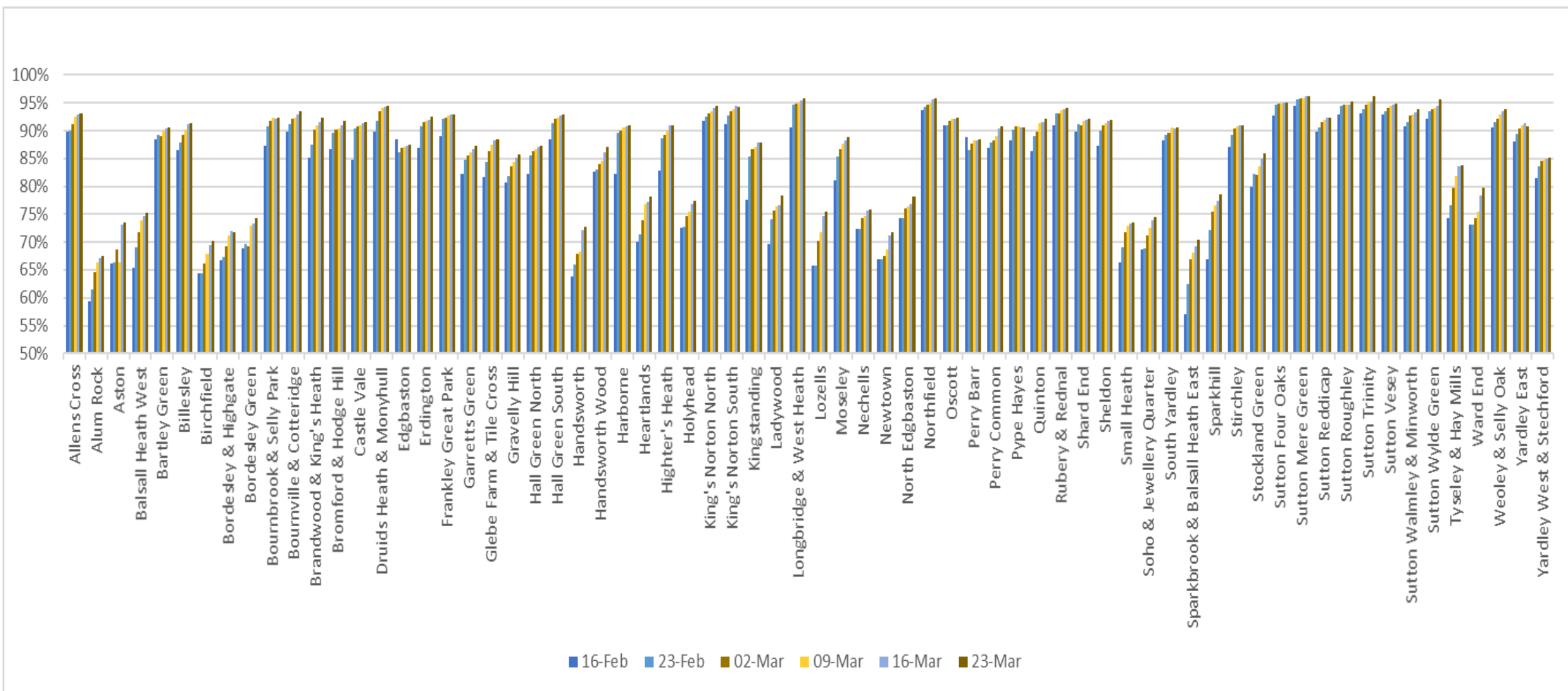
Sutton Coldfield Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/03											Data for 13 - 19/03/21	Data for 12 - 18/03/22	2015	2011 Census
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Sutton Four Oaks	95.1%	96.8%	95.4%	95.5%	90.2%	90.4%	86.0%	96.2%	85.6%	80.4%	82.3%	43.7	14,963	9.8	12.2
Sutton Mere Green	96.2%	96.4%	95.1%	94.6%	90.6%	88.3%	86.6%	93.1%	85.6%	82.3%	81.2%	20.3	15,869	11.5	9.4
Sutton Reddicap	92.3%	96.9%	93.5%	90.9%	87.0%	82.0%	77.5%	89.9%	79.4%	77.7%	61.7%	70.0	14,657	22.6	11.1
Sutton Roughley	95.3%	96.4%	95.7%	94.1%	89.7%	89.4%	85.4%	93.2%	86.5%	87.9%	75.0%	69.0	14,916	7.1	10.1
Sutton Trinity	96.2%	93.3%	94.9%	94.0%	91.0%	84.9%	85.4%	92.9%	84.4%	85.7%	73.8%	86.4	15,482	14.1	9.3
Sutton Vesey	94.9%	95.4%	96.1%	92.6%	88.2%	81.6%	79.3%	91.4%	82.9%	80.1%	71.9%	86.5	15,875	12.4	14.1
Sutton Walmley & Minworth	94.0%	94.6%	96.2%	94.2%	91.3%	85.9%	79.5%	91.7%	84.9%	76.6%	70.9%	50.1	14,798	13.0	9.7
Sutton Wylde Green	95.6%	95.8%	95.5%	93.4%	90.8%	87.1%	83.2%	93.0%	84.9%	88.6%	87.0%	11.2	13,787	9.4	13.1

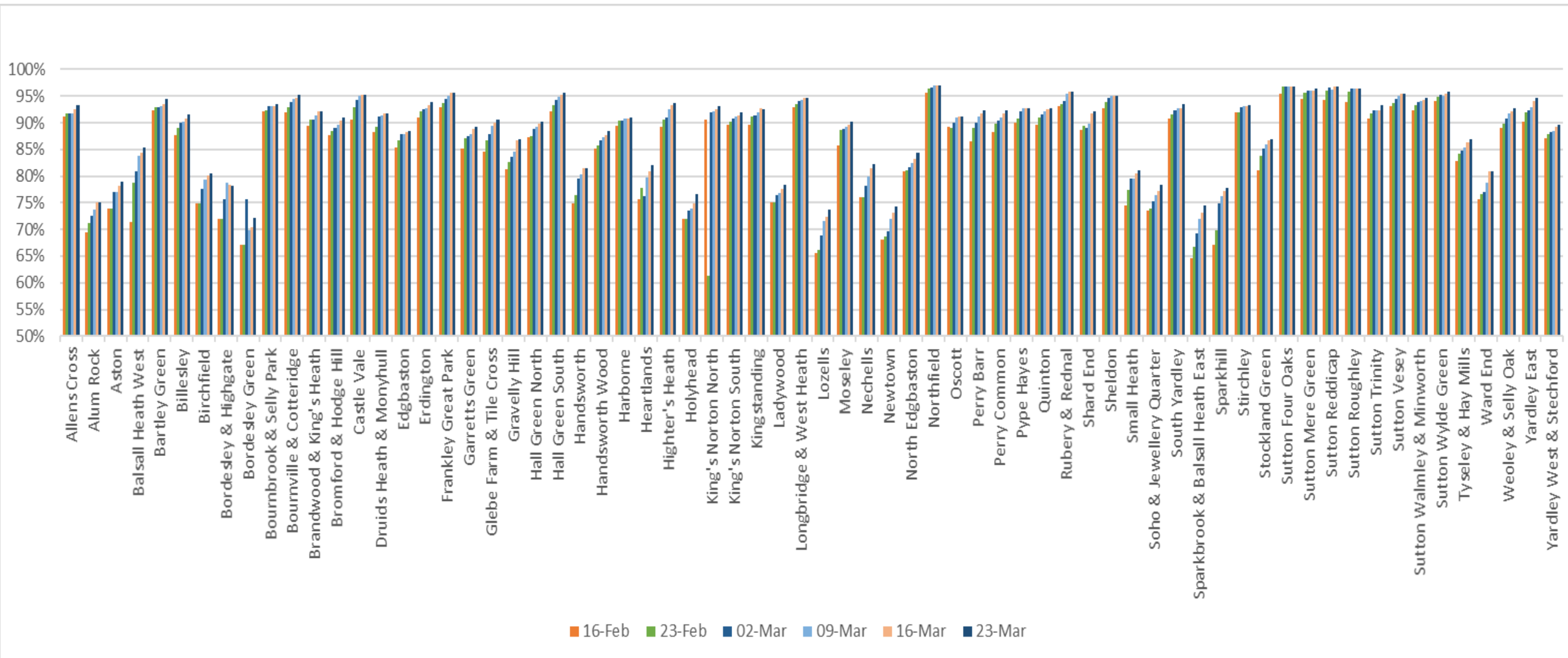
Yardley Constituency

	% uptake of 1st Dose of Covid Vaccination data extracted 23/03											Data for 13 - 19/03/21	Data for 12 - 18/03/22	2015	2011 Census
Ward Name	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	60-64yrs	55-59yrs	50-54yrs	CEV	COVID at Risk	Carers - LA	Carers - DWP	Case Rate per 100K pop	Testing rate per 100K pop	IMD Score	% BAME
Acocks Green	89.9%	89.2%	87.9%	83.3%	77.7%	73.3%	58.6%	79.4%	65.8%	61.1%	58.5%	65.9	14,479	38.8	35.7
Garretts Green	87.3%	89.2%	89.0%	79.7%	75.8%	71.8%	61.6%	80.2%	62.9%	60.6%	56.3%	158.9	15,422	49.7	24.2
Sheldon	92.0%	95.1%	93.0%	91.2%	87.3%	80.0%	69.6%	83.9%	74.3%	69.3%	64.3%	45.2	13,915	31.2	14.4
South Yardley	90.7%	93.4%	90.4%	87.9%	84.9%	79.6%	68.4%	81.4%	74.8%	79.3%	67.5%	28.0	13,932	28.8	24.5
Tyseley & Hay Mills	83.9%	86.8%	83.6%	79.2%	76.2%	68.8%	54.1%	75.5%	58.8%	58.3%	54.6%	129.5	12,137	48.3	46.7
Yardley East	90.8%	94.6%	93.9%	88.5%	87.6%	76.8%	69.8%	83.2%	71.3%	72.8%	62.1%	57.9	14,777	30.5	24.3
Yardley West & Stechford	85.2%	89.6%	86.7%	83.2%	79.3%	71.4%	58.7%	75.0%	63.3%	63.9%	59.2%	94.5	11,215	44.0	48.0

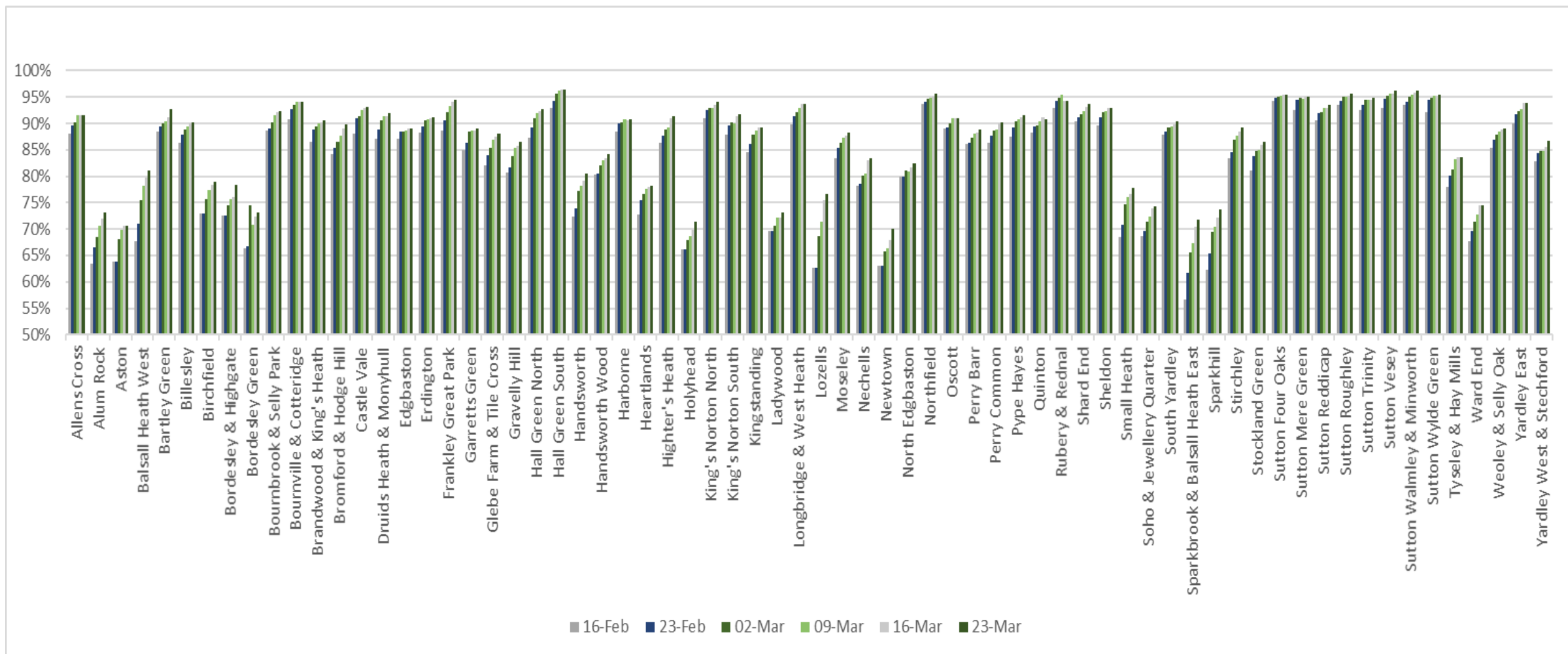
Vaccine uptake in over 80yrs



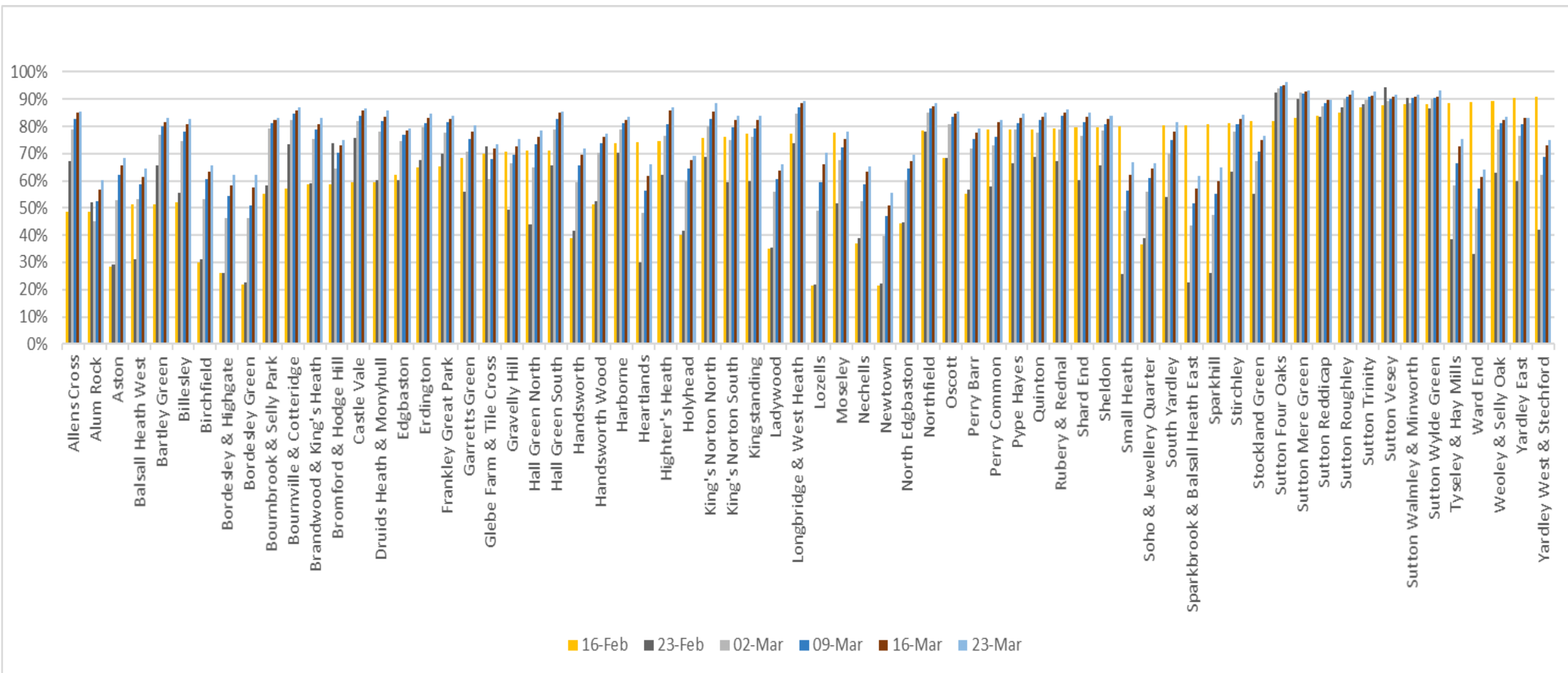
Vaccine uptake in over 75-79yrs



Vaccine uptake in over 70-74yrs



Vaccine uptake in Clinically Extremely Vulnerable Priority Group



Demographics of uptake: Deprivation (extract 23/03)

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

This data is for Birmingham and Solihull CCG and Sandwell and West Birmingham CCG only.

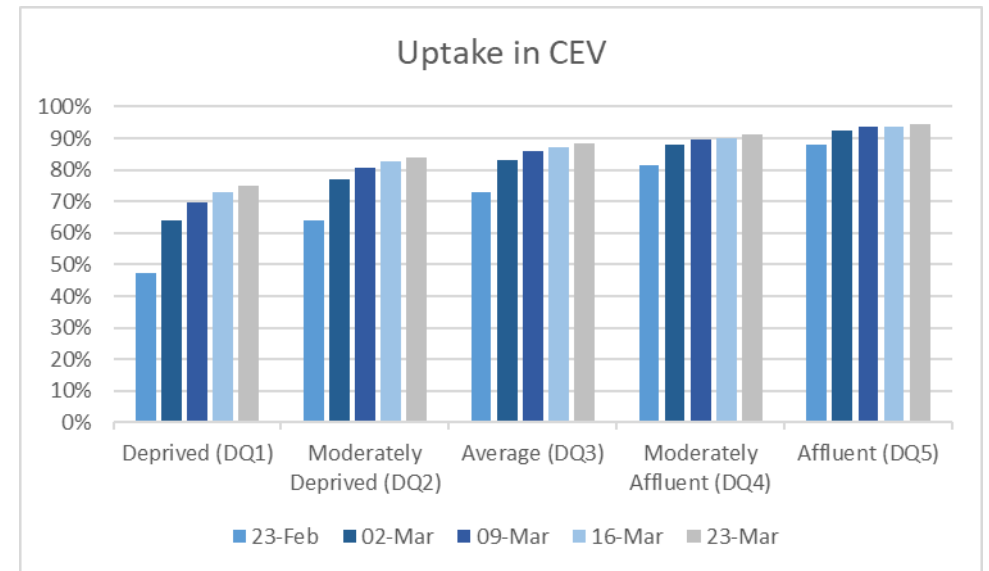
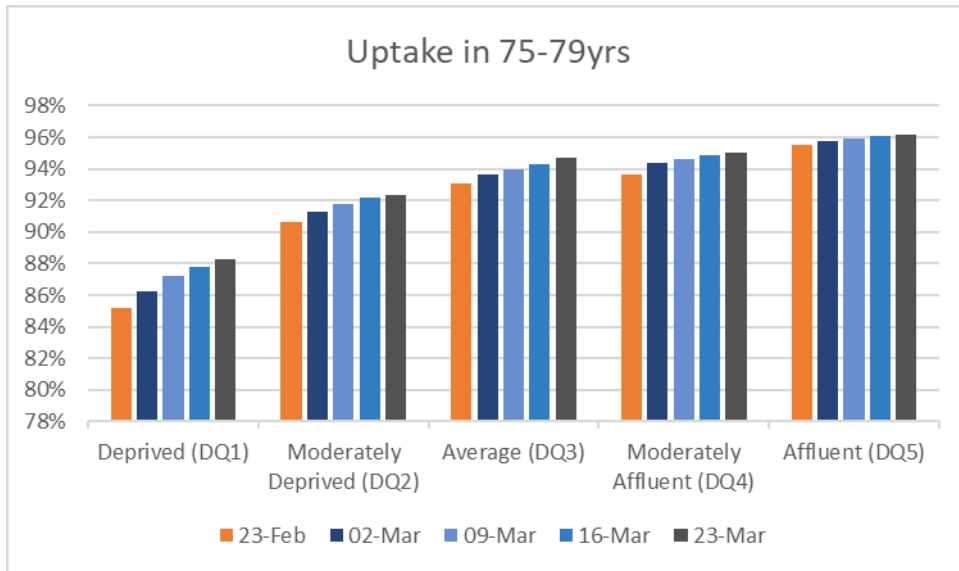
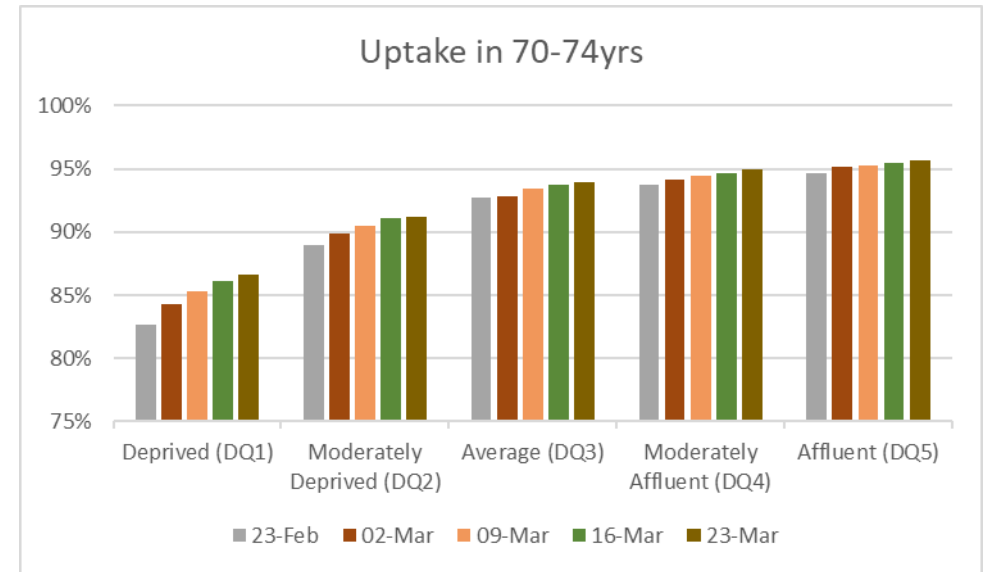
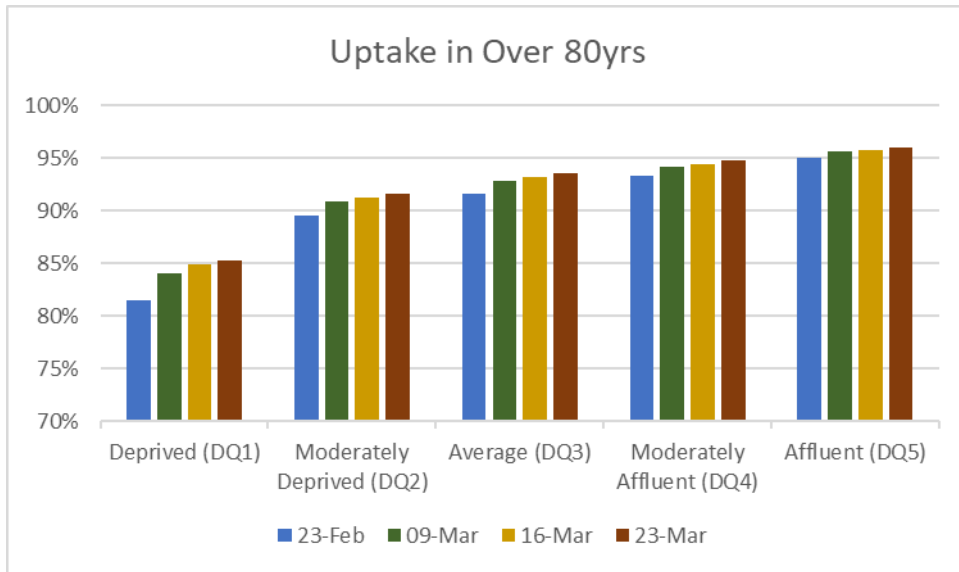
IMD Deprivation Quintile	% uptake of 1st Dose of Covid Vaccination data extracted 23/03										
	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	60-64yrs	55-59yrs	50-54yrs	CEV	COVID At Risk	Carers - LA	Carers - DWP
Deprived (DQ1)	85.3%	88.3%	86.6%	80.5%	74.1%	66.0%	55.2%	75.2%	61.3%	58.0%	55.9%
Moderately Deprived (DQ2)	91.6%	92.4%	91.2%	87.4%	82.5%	75.1%	65.0%	84.0%	71.3%	71.3%	64.3%
Average (DQ3)	93.6%	94.7%	94.0%	91.5%	86.9%	80.9%	71.5%	88.3%	76.3%	78.1%	69.3%
Moderately Affluent (DQ4)	94.9%	95.0%	95.0%	92.7%	89.3%	84.7%	75.9%	91.1%	81.9%	83.3%	74.9%
Affluent (DQ5)	96.1%	96.1%	95.7%	94.4%	92.3%	88.2%	80.8%	94.6%	85.9%	87.7%	77.8%

Demographics of uptake: Gender (extract 23/03)

Uptake of vaccine is similar in both genders.

This data is for Birmingham and Solihull CCG and Sandwell and West Birmingham CCG only.

Gender	% uptake of 1st Dose of Covid Vaccination data extracted 23/03										
	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	60-64yrs	55-59yrs	50-54yrs	CEV	COVID At Risk	Carers - LA	Carers - DWP
Female	90.5%	92.1%	91.0%	87.0%	82.6%	76.7%	68.2%	78.2%	68.6%	66.7%	59.7%
Male	90.1%	91.8%	90.5%	85.4%	78.9%	70.6%	58.5%	81.6%	66.8%	65.3%	58.2%

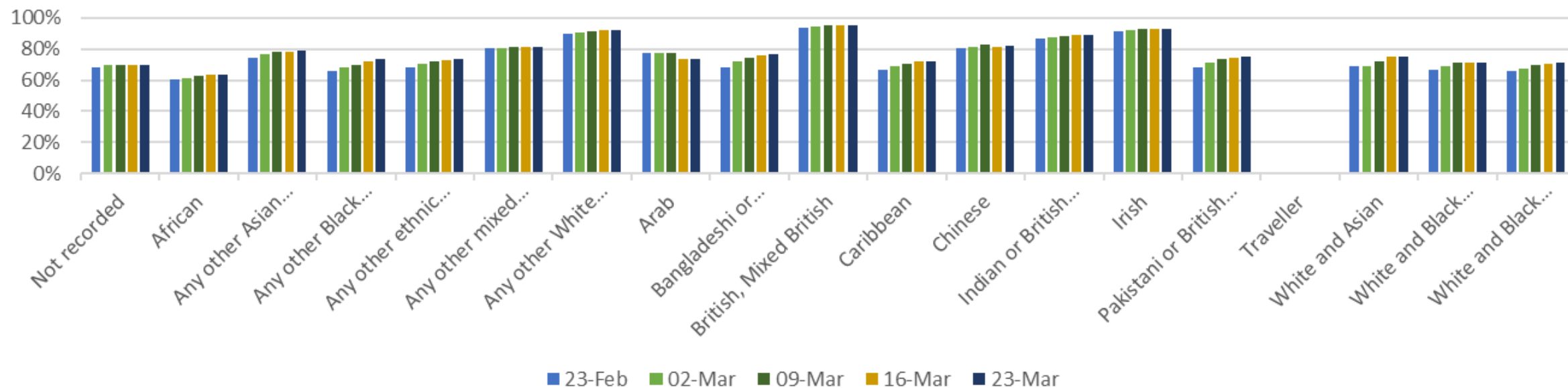


Demographics of uptake: Ethnicity (extract 23/03)

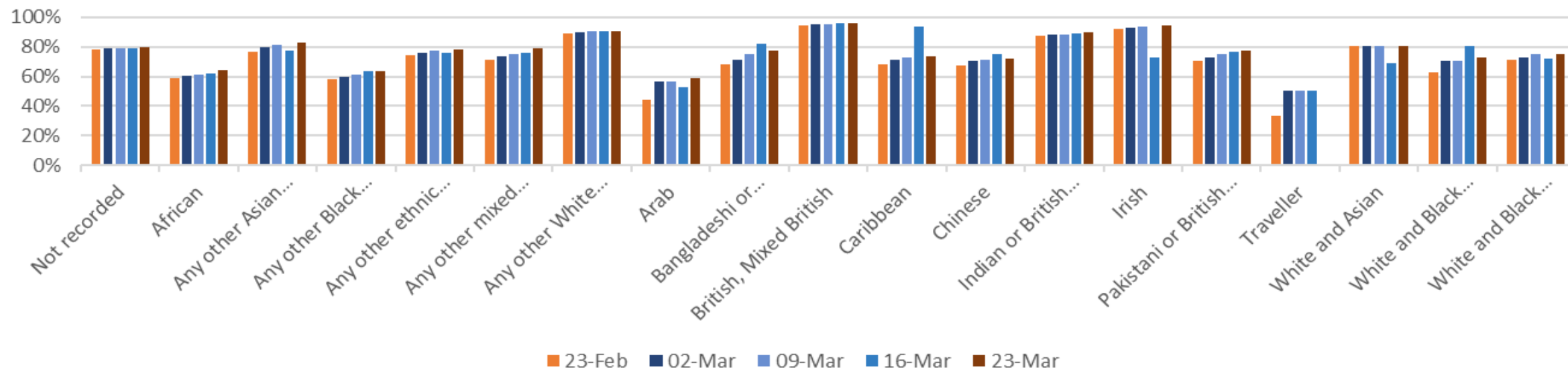
Across the priority groups uptake of vaccine is lower in African, Caribbean and Black communities and then Pakistani and Bangladeshi communities, but there is a significant difference in the size of different ethnic groups in different priority groups e.g. the total eligible population of >80yrs from a Pakistani ethnic group is 3,552 compared to 401 from African ethnic groups. This data is just for Birmingham & Solihull and Sandwell & West Birmingham CCGs.

Ethnic Group	% uptake of 1st Dose of Covid Vaccination data extracted 23/03										
	Over 80yr olds	75-79yrs	70-74yrs	65-69yrs	60-64yrs	55-59yrs	50-54yrs	CEV	COVID At Risk	Carers - LA	Carers - DWP
Not recorded	69.6%	79.4%	77.1%	68.0%	57.8%	53.2%	42.8%	75.7%	57.0%	59.3%	48.2%
African	63.5%	64.2%	62.8%	62.5%	58.2%	53.6%	45.5%	58.3%	45.5%	43.7%	39.7%
Any other Asian background	79.3%	83.2%	82.6%	78.2%	74.4%	69.1%	59.0%	70.9%	60.1%	53.5%	52.5%
Any other Black background	73.5%	63.9%	65.0%	60.0%	54.3%	47.2%	39.7%	54.8%	40.9%	43.2%	33.6%
Any other ethnic group	73.7%	78.2%	71.6%	69.6%	63.1%	56.8%	48.3%	61.9%	48.8%	50.8%	43.5%
Any other mixed background	81.3%	79.0%	73.2%	71.4%	67.1%	61.8%	54.1%	66.9%	47.6%	42.7%	37.7%
Any other White background	92.3%	90.9%	87.9%	79.1%	73.2%	66.2%	55.6%	78.4%	59.2%	71.2%	55.2%
Arab	73.3%	58.8%	70.6%	61.9%	48.3%	53.7%	31.7%	44.3%	45.0%	23.5%	35.1%
Bangladeshi or British Bangladeshi	76.5%	77.3%	83.0%	81.0%	77.9%	72.9%	62.8%	77.0%	62.8%	52.9%	64.0%
British, Mixed British	95.5%	96.0%	95.5%	93.5%	90.8%	85.7%	77.3%	91.4%	79.2%	78.7%	69.5%
Caribbean	72.4%	73.8%	67.6%	60.4%	54.2%	46.8%	40.8%	61.0%	43.2%	42.0%	31.0%
Chinese	82.1%	71.7%	69.0%	69.8%	69.3%	62.1%	54.0%	79.1%	62.3%	72.7%	79.0%
Indian or British Indian	89.1%	89.5%	88.7%	88.4%	85.2%	78.4%	68.6%	85.6%	74.8%	71.9%	72.4%
Irish	93.3%	94.3%	91.2%	90.1%	86.1%	78.8%	69.5%	91.5%	73.6%	84.7%	63.3%
Pakistani or British Pakistani	75.3%	77.4%	76.7%	72.3%	67.6%	59.2%	49.2%	64.4%	49.1%	45.1%	47.3%
Traveller	0.0%	0.0%	0.0%	0.0%	0.0%	20.0%	28.0%	0.0%	3.3%	0.0%	0.0%
White and Asian	75.0%	80.6%	80.6%	75.6%	78.2%	74.6%	64.7%	68.0%	61.1%	50.0%	60.2%
White and Black African	71.1%	73.1%	57.4%	59.7%	65.2%	52.1%	52.4%	65.0%	49.0%	55.6%	38.0%
White and Black Caribbean	71.1%	75.4%	73.5%	63.8%	61.0%	55.0%	50.2%	59.7%	43.7%	39.5%	29.6%

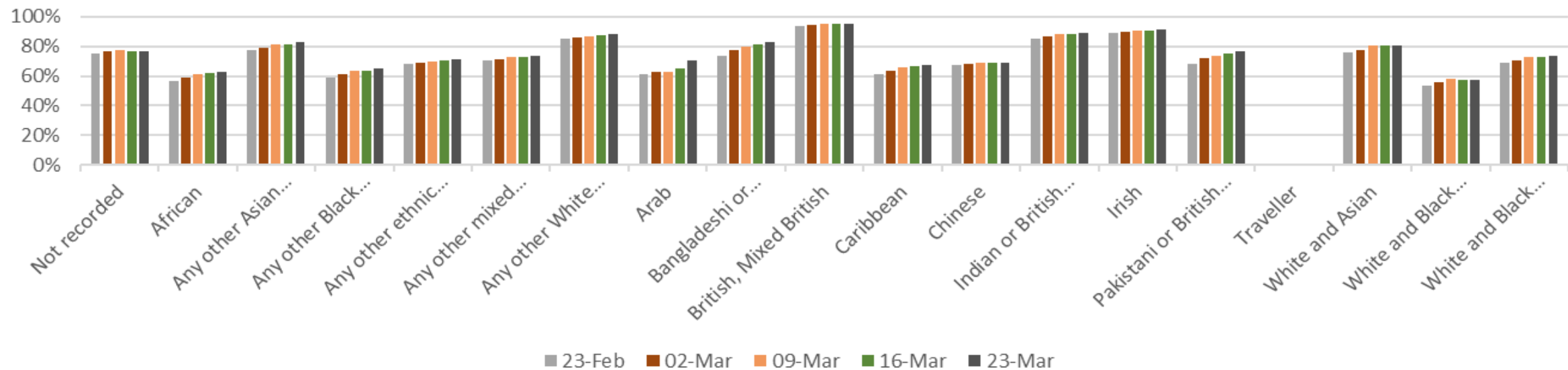
Vaccine Uptake in Over 80yrs



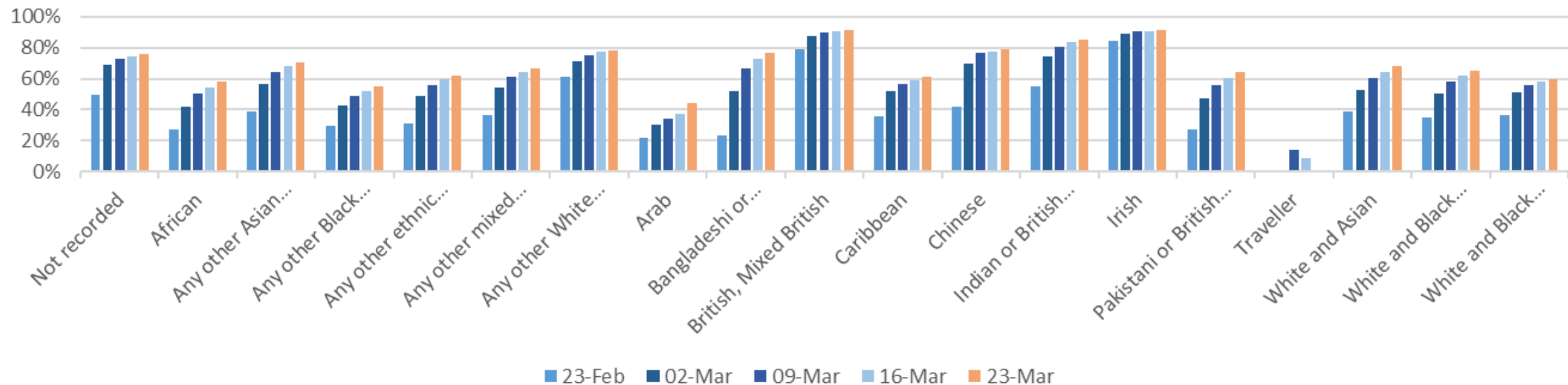
Vaccine Uptake in Over 75-79yrs



Vaccine Uptake in Over 70-74yrs



Vaccine Uptake in Clinically Extremely Vulnerable



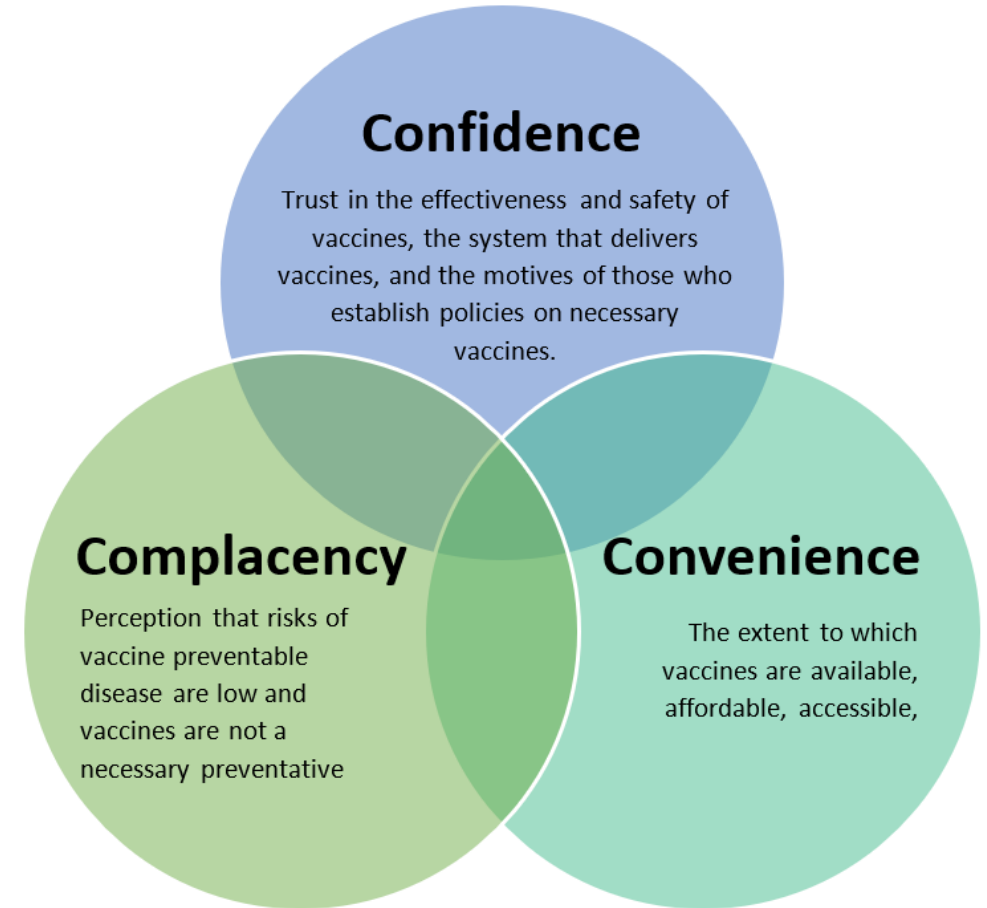
Actions being taken to improve uptake



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

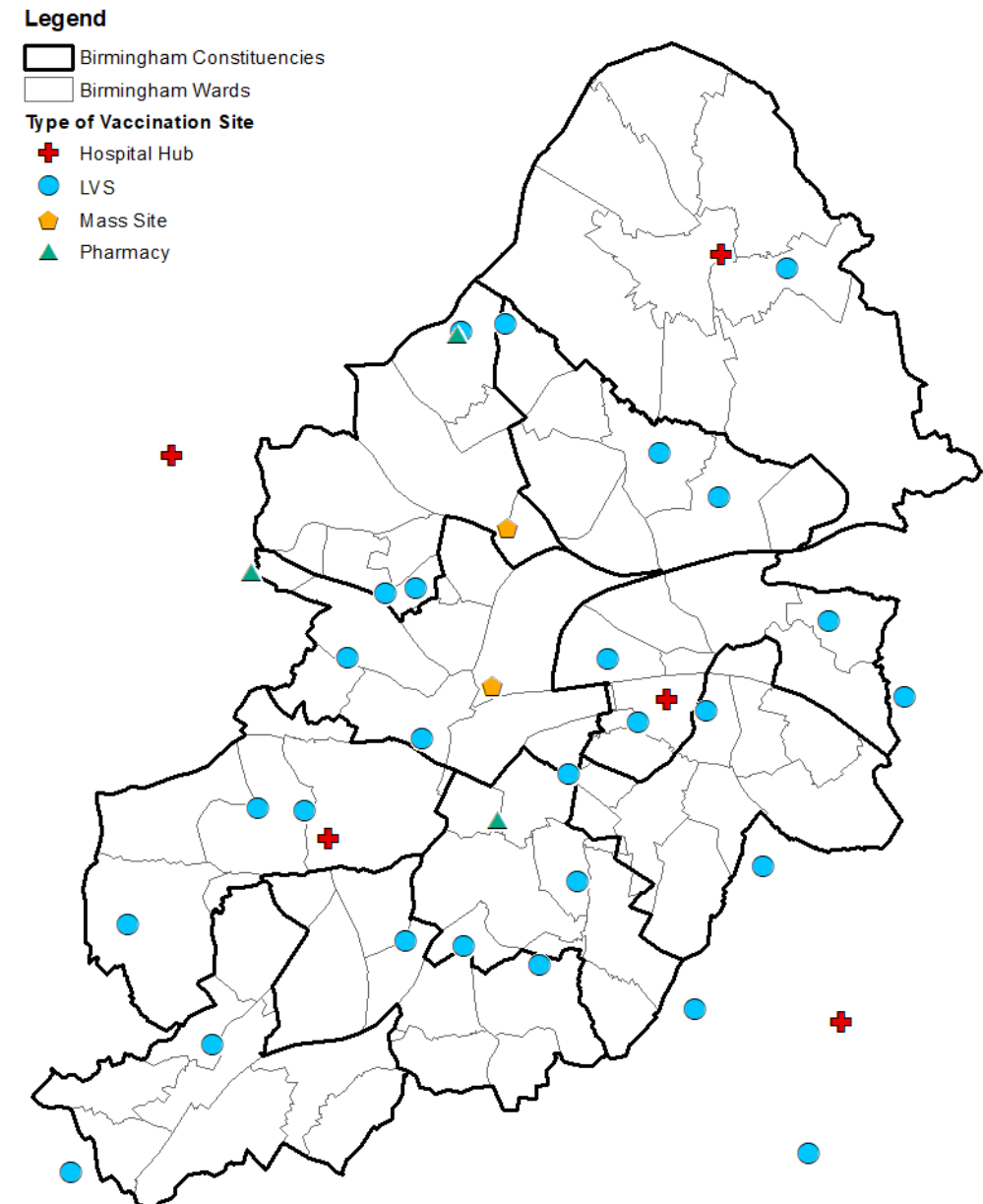
- Individual approach to patients who have not taken up offer of first dose by practice admin team.
- If required second level follow up by clinical practice team if specific medical concerns about vaccination.

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/>

[birmingham.gov.uk/futurecouncil](https://www.birmingham.gov.uk/futurecouncil)



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