COVID-19 Vaccination Programme

Covid Vaccination Programme

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8th September 2021

COVID Vaccination Coverage as of September 1, 2021: Summary Position
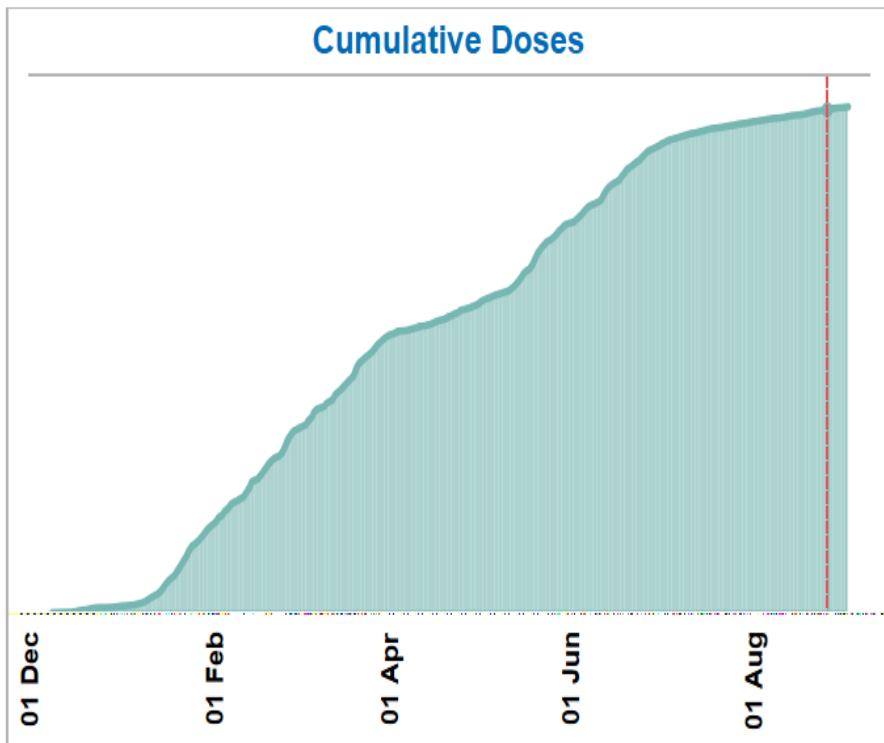*Data Source: NIMS, Patients Registered with a Manchester GP Practice Only*

Vaccination Doses Given | Change since previous week

359,645 first doses given | △ 1,972

Cumulative Doses
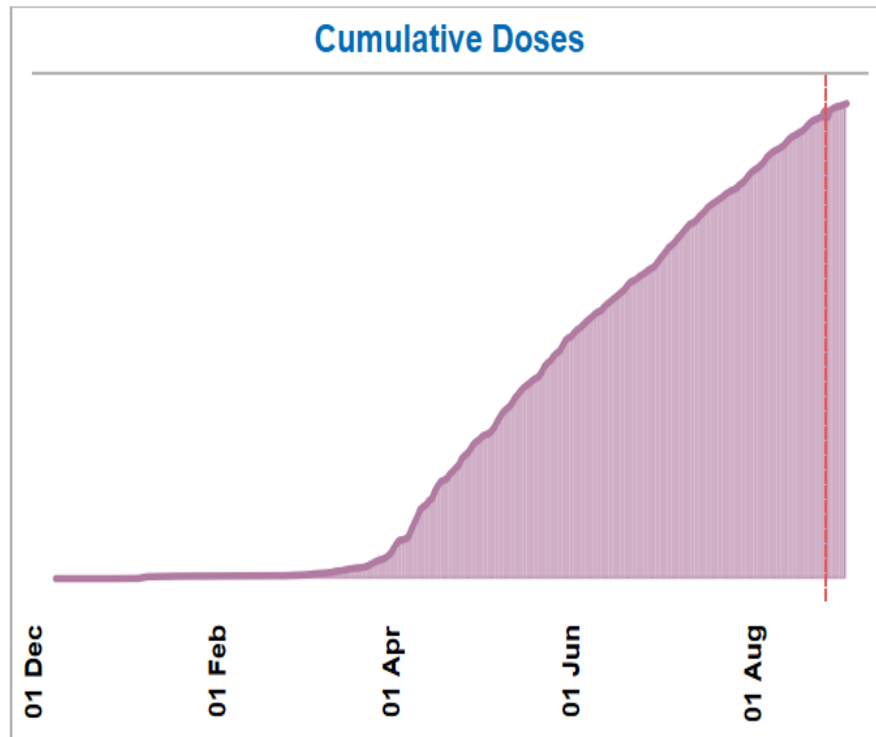
First Dose Coverage by Cohort (change since previous week)

Cohort	Vaccinated	Eligible	% Coverage
Age 80+	13,184	14,644	90.0%
Age 75 - 79	9,862	10,842	91.0%
Age 70 - 74	14,739	16,300	90.4%
Clinically Extremel..	33,451	38,568	86.7%
Age 65 - 69	17,227	19,950	86.4%
COVID19 at risk	51,960	66,358	78.3%
Age 60 - 64	22,068	26,631	82.9%
Age 55 - 59	26,900	33,735	79.7%
Age 50 - 54	29,687	38,648	76.8%
Age 40 - 49	61,666	91,640	67.3%
Age 30 - 39	73,858	124,595	59.3%
Age 18 - 29	85,805	156,598	54.8%
Age 16 - 17	4,387	15,229	28.8%
Grand Total	359,645	549,108	65.5%

This is the most up to date data available on vaccination coverage, taken from the National Immunisation Management System (NIMS). This is the same data source that is used for national daily reporting.

Please note that there is double counting within the Cohorts, e.g. if a patient is 73 years old and Clinically Extremely Vulnerable they will appear in both the *Age 70 - 74* and *Clinically Extremely Vulnerable* cohorts.

![Manchester Health & Care Commissioning — Business Intelligence Team]

First Dose COVID Vaccination Coverage for Priority Cohorts 1 to 12 by Ward

Data Source: GP Clinical System (EMIS), Patients Registered with a Manchester GP Practice Only

Ward	Vaccinated	Eligible	% Coverage (increase from 2 weeks ago)
Chorlton	9,594	11,766	81.5%
Didsbury East	10,476	13,036	80.4%
Brooklands	7,034	9,071	77.5%
Didsbury West	11,745	15,254	77.0%
Northenden	9,062	12,067	75.1%
Chorlton Park	11,461	15,278	75.0%
Baguley	9,745	13,125	74.2%
Moston	10,369	14,337	72.3%
Woodhouse Park	9,172	12,724	72.1%
Higher Blackley	9,387	13,091	71.7%
Burnage	10,918	15,241	71.6%
Sharston	9,344	13,065	71.5%
Charlestown	9,803	13,712	71.5%
Ancoats and Beswick	10,672	15,025	71.0%
Miles Platting and Newton ..	10,689	15,512	68.9%
Levenshulme	11,245	16,595	67.8%

Ward	Vaccinated	Eligible	% Coverage (increase from 2 weeks ago)
Withington	9,767	14,473	67.5%
Old Moat	9,492	14,139	67.1%
Clayton and Openshaw	10,7..	16,166	66.7%
Gorton and Abbey Hey	10,0..	15,334	65.7%
Crumpsall	9,269	14,132	65.6%
Whalley Range	9,301	14,539	64.0%
Harpurhey	10,3..	16,529	62.9%
Longsight	10,9..	17,717	61.8%
Fallowfield	8,934	14,745	60.6%
Cheetham	10,2..	17,222	59.4%
Rusholme	9,986	18,089	55.2%
Hulme	9,681	19,042	50.8%
Moss Side	10,0..	20,072	50.1%
Piccadilly	6,951	14,251	48.8%
Ardwick	11,9..	25,193	47.5%
Deansgate	6,086	13,198	46.1%

This slide uses patient level data flowing from NIMS to GP Clinical Systems. This means that the data is a few days behind NIMS.

The Ward is derived from address records for **patients registered with a Manchester GP Practice only**. Some patients who live in Manchester are registered with a GP Practice outside Manchester and **these are not included. Unregsitered patients are also not included**.

© Mapbox © OSM

46.1% ⬛⬛⬛⬛⬛⬛ 81.5%
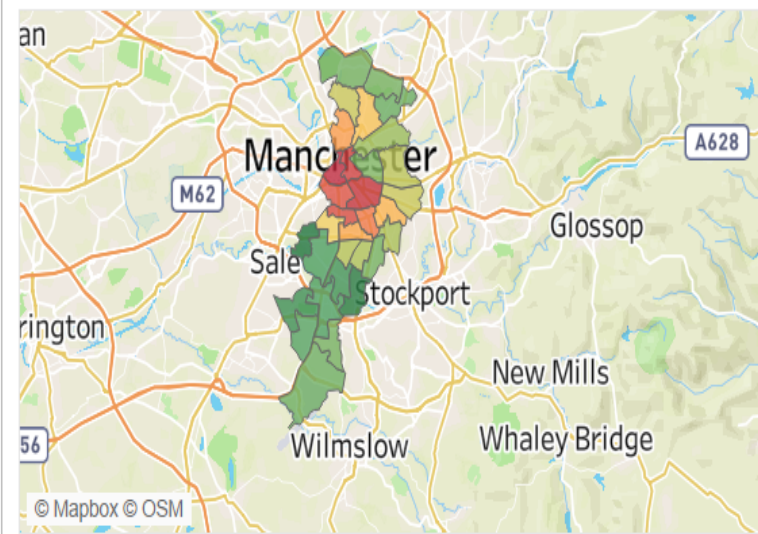
Pregnancy vaccination coverage – 31st August snapshot

Ethnicity	Patients	Received Dose 1	% Dose1	Received Dose 2	% Dose2
Chinese	41	29	70.7%	22	53.7%
Indian	190	111	58.4%	83	43.7%
Any other Asian background	150	83	55.3%	58	38.7%
Irish	39	21	53.8%	19	48.7%
English, Welsh, Scottish, Northern Irish or British	1472	739	50.2%	540	36.7%
Roma	2	1	50.0%	1	50.0%
Declined to provide ethnicity status	64	32	50.0%	26	40.6%
Bangladeshi	69	32	46.4%	27	39.1%
Pakistani	642	294	45.8%	195	30.4%
Any other ethnic group	182	80	44.0%	58	31.9%
Any other White background	296	130	43.9%	104	35.1%
White and Asian	34	14	41.2%	8	23.5%
Any other Mixed or Multiple ethnic background	49	19	38.8%	13	26.5%
No record of ethnicity status	586	224	38.2%	130	22.2%
African	416	152	36.5%	91	21.9%
Arab	93	31	33.3%	13	14.0%
White and Black African	63	18	28.6%	15	23.8%
White and Black Caribbean	42	10	23.8%	6	14.3%
Caribbean	73	15	20.5%	11	15.1%
Any other Black, African or Caribbean background	97	18	18.6%	10	10.3%
Gypsy or Irish Traveller	6	0	0.0%	0	0.0%
Grand Total	**4606**	**2053**	**44.6%**	**1430**	**31.0%**

Manchester Health & Care Commissioning — Business Intelligence Team
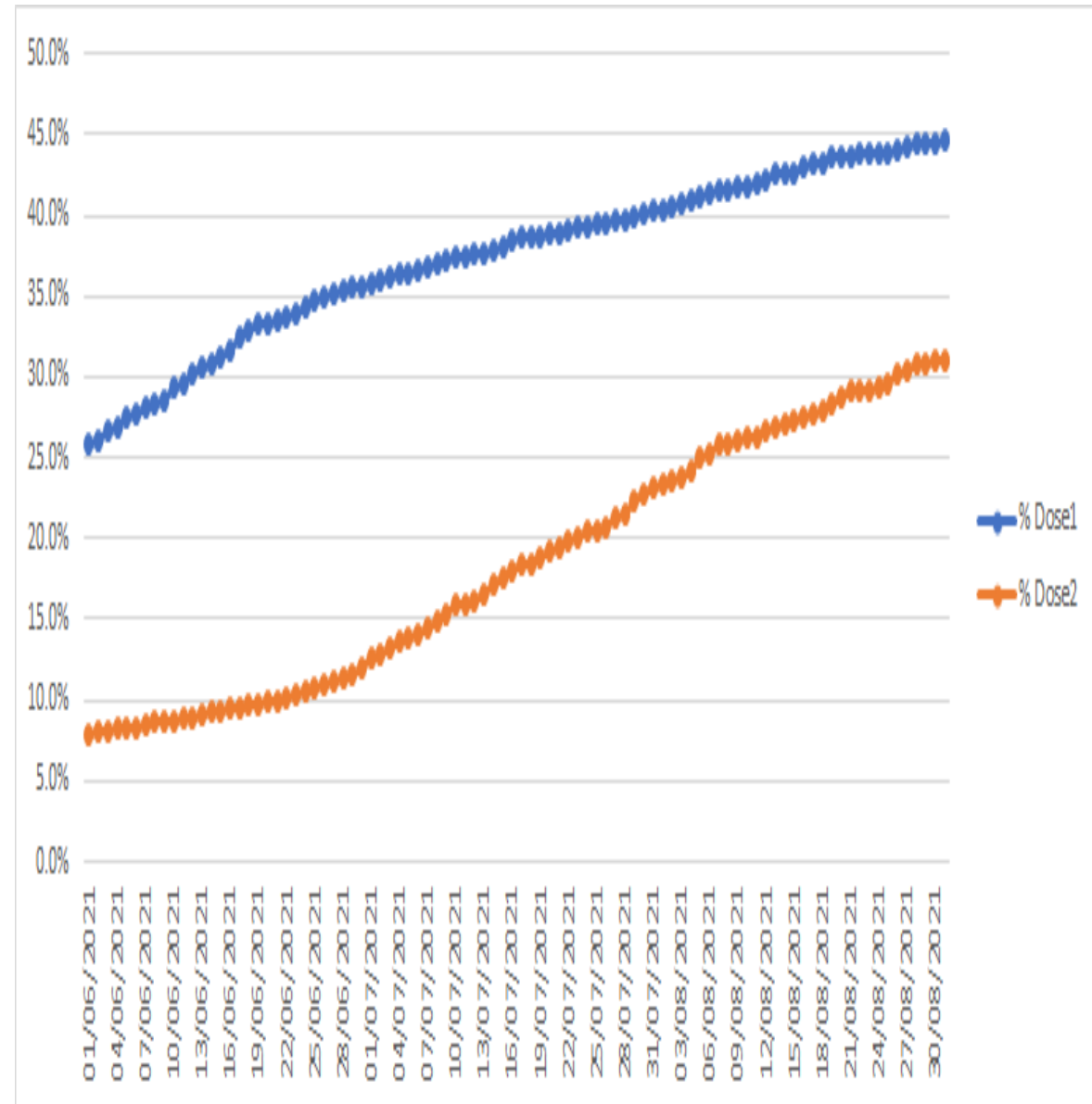
First Dose COVID Vaccination Coverage for Patients with a Learning Disability

Data Source: GP Clinical System (EMIS), Patients Registered with a Manchester GP Practice Only.

Priority Cohort		Vaccinated	Eligible	% Coverage (increase from 2 weeks ago)
01: Care Home Resident Age 6..	Care Home Resident ..	78	80	97.5%
02: Age 80 and over	Age 80 and over	13	14	92.9%
03: Age 75 - 79	Age 75 - 79	34	39	87.2%
04: Age 70 - 74 OR Shielding OR QCOVID	Age 70 - 74	74	78	94.9%
	QCOVID	204	239	85.4%
	Shielding - Age 16 - 17	9	13	69.2%
	Shielding - Age 18+	416	460	90.4%
05: Age 65 - 69	Age 65 - 69	68	75	90.7%
06: Higher Risk	Higher Risk	1,941	2,582	75.2%
Grand Total				79.2%

Ethnic Category and Gender		Vaccinated	Eligible	% Coverage (increase from 2 weeks ago)
White	Female	832	963	86.4%
	Male	1,214	1,462	83.0%
Other than White	Female	235	328	71.6%
	Male	367	550	66.7%
Status Unknown	Female	49	81	60.5%
	Male	160	244	65.6%
All	Female	1,116	1,372	81.3%
	Male	1,741	2,256	77.2%

IMD Score	Vaccinated	Eligible	% Coverage (increase from 2 weeks ago)
0 - 9	40	44	90.9%
10 - 19	148	186	79.6%
20 - 29	569	692	82.2%
30 - 39	410	524	78.2%
40 - 49	657	833	78.9%
50 - 59	563	749	75.2%
60 - 69	281	363	77.4%
70 - 79	170	213	79.8%

Indices of Multiple Deprivation (IMD) Score rank each Lower Super Output Area (LSOA) based on their level of deprivation. The higher the deprivation score the higher the levels of deprivation.

![Manchester Health & Care Commissioning - Business Intelligence Team]

First Dose COVID Vaccination Coverage for Patients with a Serious Mental Illness
Data Source: GP Clinical System (EMIS), Patients Registered with a Manchester GP Practice Only.

Priority Cohorts		Vaccinated	Eligible	% Coverage (increase from 2 weeks ago)
01: Care Home Resident Age 65+ o..	Care Home Resident ..	161	183	88.0%
02: Age 80 and over	Age 80 and over	124	149	83.2%
03: Age 75 - 79	Age 75 - 79	139	157	88.5%
04: Age 70 - 74 OR Shielding OR QCOVID	Age 70 - 74	239	281	85.1%
	QCOVID	583	741	78.7%
	Shielding - Age 18+	454	529	85.8%
05: Age 65 - 69	Age 65 - 69	260	313	83.1%
06: Higher Risk	Higher Risk	3,983	5,906	67.4%
Grand Total				72.0%

Ethnic Category and Gender		Vaccinated	Eligible	% Coverage (increase from 2 weeks ago)
White	Female	1,967	2,509	78.4%
	Male	2,127	2,873	74.0%
Other than White	Female	719	1,032	69.7%
	Male	817	1,260	64.8%
Status Unknown	Female	146	222	65.8%
	Male	203	408	49.8%
All	Female	2,832	3,763	75.3%
	Male	3,147	4,541	69.3%

IMD Score	Vaccinated	Eligible	% Coverage (increase from 2 weeks ago)
0 - 9	75	90	83.3%
10 - 19	399	498	80.1%
20 - 29	1,211	1,611	75.2%
30 - 39	850	1,182	71.9%
40 - 49	1,212	1,701	71.3%
50 - 59	1,223	1,796	68.1%
60 - 69	573	831	69.0%
70 - 79	399	548	72.8%
Unknown	38	49	77.6%

Indices of Multiple Deprivation (IMD) Score rank each Lower Super Output Area (LSOA) based on their level of deprivation. The higher the deprivation score the higher the levels of deprivation.

Due to small numbers of patients analysis is restricted to prevent patient identification.
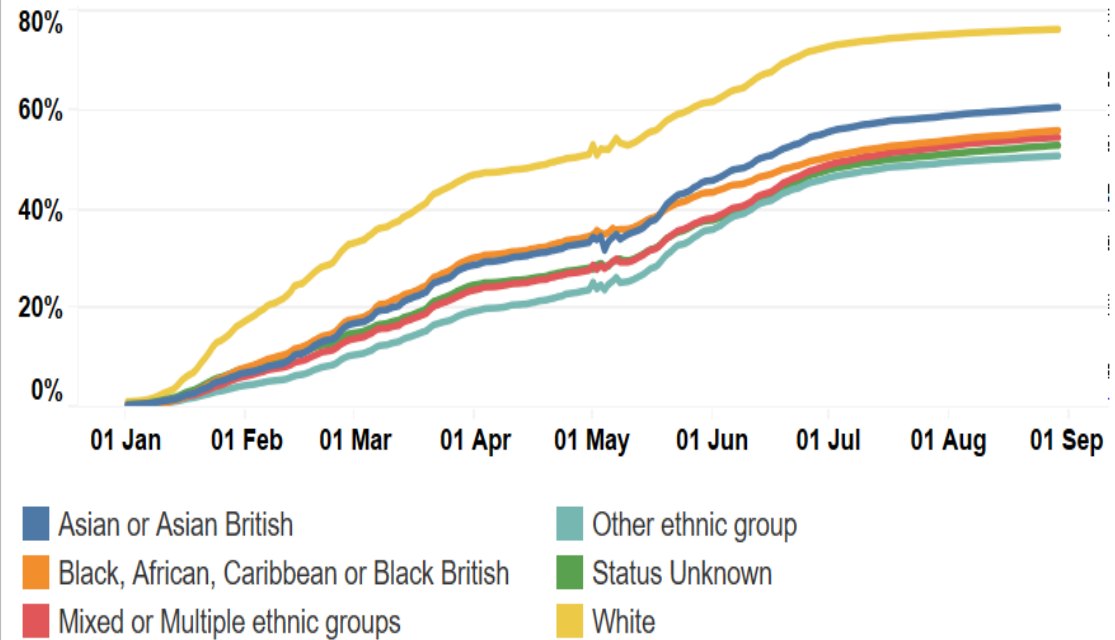
First Dose COVID Vaccination Coverage for Priority Cohorts 1 to 12 by Ethnicity

Data Source: GP Clinical System (EMIS), Patients Registered with a Manchester GP Practice Only

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First Dose Coverage by Ethnicity

Ethnicity		Vaccinated	Eligible	% Coverage (increase from 2 weeks ago)
White	Irish	5,426	7,199	75.4%
	English, Welsh, Scottish..	174,655	213,619	81.8%
	Any other White backgr..	18,710	38,752	48.3%
	Gypsy or Irish Traveller	60	238	25.2%
Asian or Asian British	Bangladeshi	4,016	5,263	76.3%
	Indian	9,697	14,099	68.8%
	Pakistani	31,199	45,202	69.0%
	Any other Asian backgr..	8,091	14,610	55.4%
	Chinese	7,194	19,880	36.2%
Black, African, Caribbean ..	Caribbean	3,851	7,506	51.3%
	African	17,132	29,099	58.9%
	Any other Black, African..	3,608	7,241	49.8%
Status Unknown	Declined to provide ethn..	3,971	6,616	60.0%
	No record of ethnicity st..	49,798	94,671	52.6%
Mixed or Multiple ethnic groups	White and Asian	1,567	2,410	65.0%
	White and Black African	2,054	3,764	54.6%
	White and Black Caribb..	1,800	3,590	50.1%
	Any other Mixed or Multi..	2,910	5,467	53.2%
Other ethnic group	Arab	2,321	4,272	54.3%
	Any other ethnic group	9,577	19,068	50.2%
Grand Total				65.9%

Trend in First Dose Coverage by Ethnicity

Legend:
- Asian or Asian British
- Black, African, Caribbean or Black British
- Mixed or Multiple ethnic groups
- Other ethnic group
- Status Unknown
- White

This slide uses patient level data flowing from NIMS to GP Clinical Systems. This means that the data is a few days behind NIMS.

Ethnicity data is based on information stored within GP Practice records only. Approximately 20% of patients do not have their Ethnicity recorded and work is ongoing to reduce this.

First Dose COVID Vaccination Coverage for Priority Cohorts 1 to 12 by Ethnicity

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Data Source: GP Clinical System (EMIS), Patients Registered with a Manchester GP Practice Only

Change in First Dose Coverage by Ethnicity from 2 weeks ago

Ethnicity	Eligible	Change in % Coverage (Additional Patients Vaccinated)
Pakistani	45,202	1.1% (+481)
African	29,099	1.0% (+288)
Any other Black, African or Caribbe..	7,241	1.0% (+70)
Arab	4,272	0.9% (+40)
White and Black African	3,764	0.9% (+32)
Bangladeshi	5,263	0.8% (+44)
No record of ethnicity status	94,671	0.8% (+757)
White and Black Caribbean	3,590	0.8% (+27)
Indian	14,099	0.7% (+104)
Declined to provide ethnicity status	6,616	0.7% (+48)
Caribbean	7,506	0.7% (+52)
Any other Asian background	14,610	0.6% (+89)
Any other Mixed or Multiple ethnic ..	5,467	0.5% (+30)
Any other ethnic group	19,068	0.5% (+99)
White and Asian	2,410	0.5% (+12)
Any other White background	38,752	0.4% (+156)
English, Welsh, Scottish, Northern I..	213,619	0.4% (+850)
Irish	7,199	0.3% (+22)
Chinese	19,880	0.3% (+54)
Gypsy or Irish Traveller	238	0.0% (+0)
Grand Total		0.6% (+3,255)

First Dose Coverage Gap by Ethnicity

	16 Aug	30 Aug	Change
White Coverage	76.2%	76.6%	0.4%
BAME Coverage	57.2%	58.0%	0.8%
Difference in Coverage	19.0%	18.6%	-0.4%

The difference in first dose vaccination coverage between White and BAME patients has **decreased** by **0.4%** over the last 14 days. This has **decreased** the inequalities gap across Manchester.

This slide uses patient level data flowing from NIMS to GP Clinical Systems. This means that the data is a few days behind NIMS.

Ethnicity data is based on information stored within GP Practice records only. Approximately 20% of patients do not have their Ethnicity recorded and work is ongoing to reduce this.

Achievements in First Dose COVID Vaccination Coverage for Priority Cohorts 1 to 12

Data Source: EMIS, Patients Registered with a Manchester GP Practice Only

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Over the last 2 weeks .. Coverage for Patients in Priority Cohorts 1 - 12 has increased by 0.6% (+3,349 patients vaccinated)

Increases in Coverage by Ethnicity

Percentage increases:		Volume increases:	
Pakistani	1.1% (+485)	English, Welsh, Scottish, Northern Irish or British	0.4% (+875)
Any other Black, African or Caribbean background	1.0% (+75)	No record of ethnicity status	0.8% (+770)
African	1.0% (+299)	Pakistani	1.1% (+485)
Arab	1.0% (+42)	African	1.0% (+299)
White and Black African	0.9% (+34)	Any other White background	0.4% (+160)

Coverage Difference between *White* and *BAME* Patients

The difference in first dose vaccination coverage between White and BAME patients has **decreased** by **0.4%** over the last 14 days. This has **decreased** the inequalities gap across Manchester.

Coverage Difference by *Gender* in *BAME* Patients

The difference in first dose vaccination coverage between Gender in BAME patients has **increased** by **0.2%** over the last 14 days. This has **increased** the inequalities gap across Manchester.

Coverage for patients with a *Learning Disability (LD)* has increased by 1.0% (49 additional patients vaccinated). This is compared to a 0.2% increase for all patients in Priority Cohorts 1 - 6.

The difference in first dose vaccination coverage between patients with LD and the general population in Cohorts 1 - 6 has **decreased** by **0.7%** over the last 14 days. This has **decreased** the inequalities gap across Manchester for patients with LD.

Coverage for patients with a *Serious Mentall Illness (SMI)* has increased by 0.3% (29 additional patients vaccinated). This is compared to a 0.2% increase for all patients in Priority Cohorts 1 - 6.

The difference in first dose vaccination coverage between patients with SMI and the general population in Cohorts 1 - 6 has **decreased** by **0.1%** over the last 14 days. This has **decreased** the inequalities gap across Manchester for patients with SMI.

Enhanced Response Area - Manchester

Manchester was a designated Enhanced Response Area between 16th June – 18th July 2021. Additional resource and activity was needed as a result of a significant increase in cases, the rapid spread of the Delta variant and a lower uptake of vaccines in some areas of the city.

What we achieved:

On the 16th June 57.3% of the population in Manchester had been given their first dose and 34.8% their seond dose. On the 19th July 64.3% of the population in Manchester had been given their first dose and 46.2% their second dose. Translated into numbers this is an additional 37,659 first doses and 61,356 second doses administrated. **During the ERA period 99,015 vaccines were given in Manchester** .

Highlights of what we achieved in our attempts to rapidly increase uptake across the 8 LSOA areas include:

- 24,526 vaccines were delivered to patients across the targeted areas.

- The percentage of people unvaccinated across the targeted areas reduced from 51% to 42%

- Percentage of people unvaccinated dropped across all cohorts – with the biggest drops in Cohort 12.

- A presence in the Moss Side area of Manchester for the first time since the vaccie programme commenced. In an area of low uptake 6449 vaccines were delivered over a 21 day period – an average of 307 a day.

Covid Vaccination Booster Programme - Phase 3 Planning

As recommended by the Joint Committee on Vaccinations and Immunisations (JCVI) from September 2021 we will be embarking on a COVID booster vaccination programme, alongside an expanded annual Flu vaccination programme for 21/22. The COVID booster vaccination programme is also known as **Phase 3**. Initial planning was for a start date of 6th September. This has been delayed but we expect confirmation of the revised start date imminently. There has also been a lack of clarity on which cohorts will be eligible for the booster programme. However we are preparing on the basis that the groups will include:

Patients Eligible for Phase 3 - COVID Booster and Flu Vaccinations

Practice Name All   **Primary Care Network** All

COVID Booster Cohort	Eligible for COVID Booster	Eligible for Flu	Patients
1.1 Immunosuppressed	Yes	Yes	16,130
1.2 Resident of Nursing or Residential Care Home	Yes	Yes	1,597
1.3 Aged 70 and over	Yes	Yes	39,092
1.4 Clinically Extremely Vulnerable	Yes	Yes	23,241
2.1 Aged 50 and over	Yes	Yes	102,810
2.2 Aged 16 – 49 At Risk	Yes	Yes	56,224
2.3 Contact of Immunosuppressed	Yes	Yes	20
Not eligible	No	Yes	112,189
Not eligible	No	No	334,225

| COVID Booster Stage	Eligible for COVID Booster	Eligible for Flu	Patients
Stage 1	Yes	Yes	80,060
Stage 2	Yes	Yes	159,054
Not eligible	No	Yes	112,189
Not eligible	No	No	334,225

Total Eligible for COVID Booster:	239,114 (34.88% of the registered population)	**Total Eligible for Flu:**	351,303 (51.25% of the registered population)

City wide vaccine offer

The map highlights the current and proposed sites over a heatmap of first dose vaccination coverage for cohorts 1 - 9
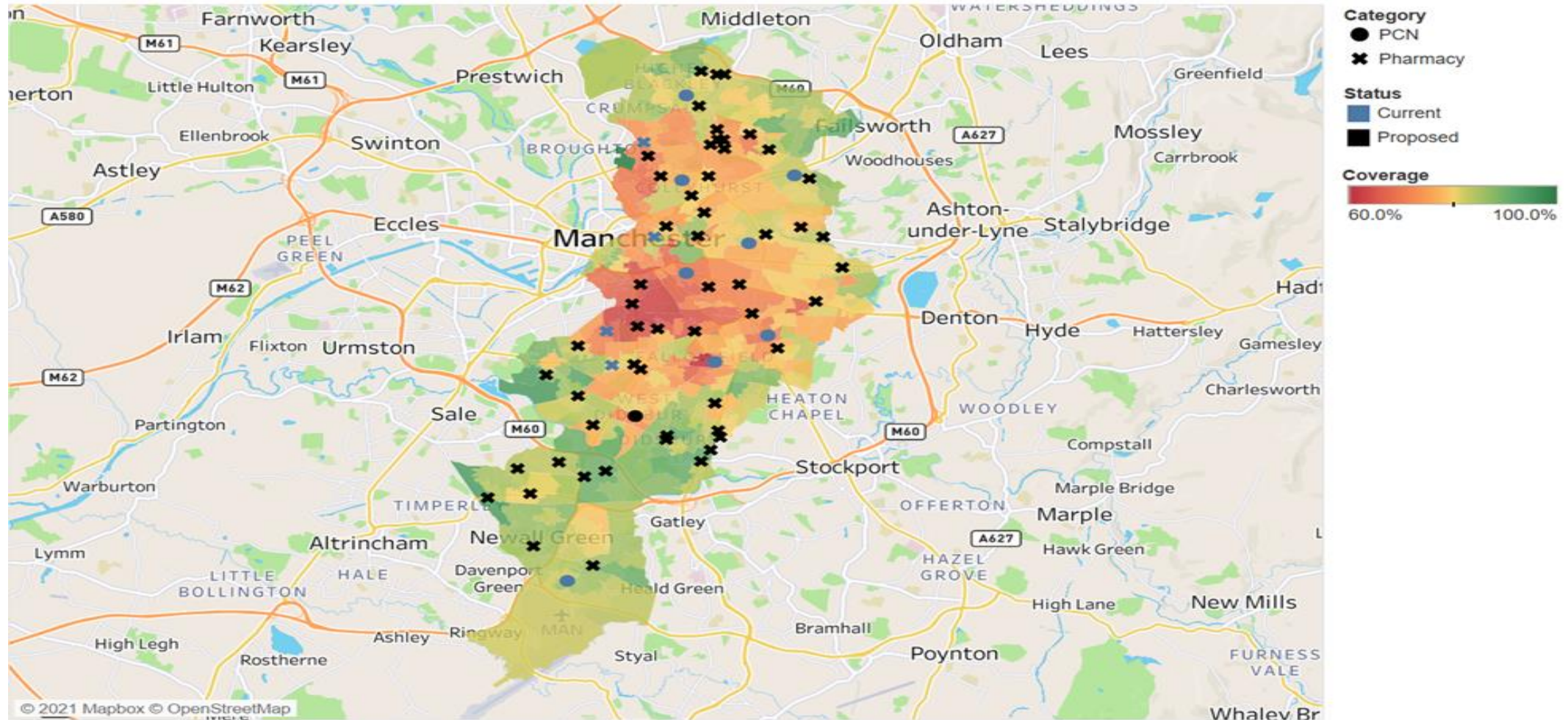
12 – 15 Cohort

There has also been significant discussion around the 12 – 15 cohort. Currently the only 12 – 15 year olds that are eligible for the vaccine are those that have been assessed as vulnerable. However, as there is a possibility that the wider cohort will be eligible for the vaccine we have been planning accordingly.

Currently there are 3,485 children aged 12 – 15 who fall under the vulnerable cohort. If the offer is expanded to the wider 12 – 15 cohort we are looking at circa 42,000 children who would be eligible.

Student offer

With the return of students to Manchester a bespoke offer has been designed which will include regular clinics at key locations including:
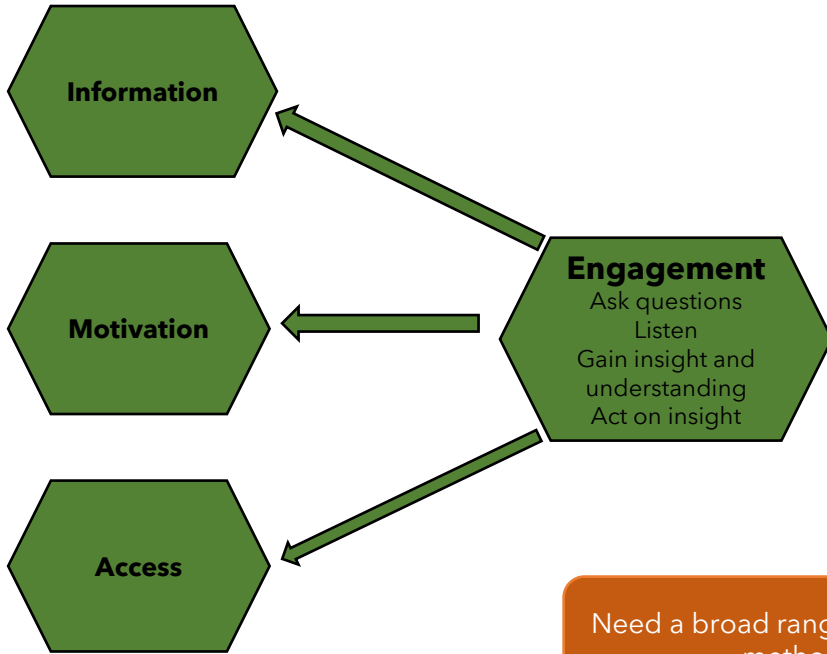Sixth form colleges across the city
Owens Park
Whitworth Street Corridor
Town Hall Extension

A targeted comms programme has also been designed which will utilise the appropriate strategy to ensure we can engage fully with the student population. Work is also being undertaken to ensure that all associated risks with the return of overseas students are identified and addressed.

Vaccine Equity Approach

Vaccination Coverage

Message?
Messenger?
Media?

Location?
Staffing?
Language?

Trust?
Beliefs?
What matters
to you?

Information

Motivation

Access

Engagement
Ask questions
Listen
Gain insight and
understanding
Act on insight

Need a broad range of engagement forums and methods to extend reach

Rapid Evaluation & Lessons Learnt

Phase Three Priorities (Covid & Flu)
- EIA of Phase Three delivery model
- Integrated helpline to support access
- Care Home staff & link to communities with low coverage
- Targeted messages within themes of ethnicity, disabled people & LT conditions; inclusion groups
- Targeted delivery plans for wards and communities where gaps in coverage are highest
- Evaluation

Targeted delivery plans for
-Learning Disability
-Asylum Seekers/Refugees/migrant communities
-Homelessness
-Severe Mental Illness

Targeted engagement through
Covid Health Equity Manchester & Sounding Boards
Covid Champions, Teams around the Neighbourhood,
Covid Chat Co-ordinators

Improving access via Pop Ups

Pop Up sites have been identified as a good way of reaching people who we have had difficulty engaing through our established sites. As such Pop Ups have become a prominent feature across Manchester. Locations such as China Town, Exchange Square and Heaton Park have been used to deliver vaccinations.
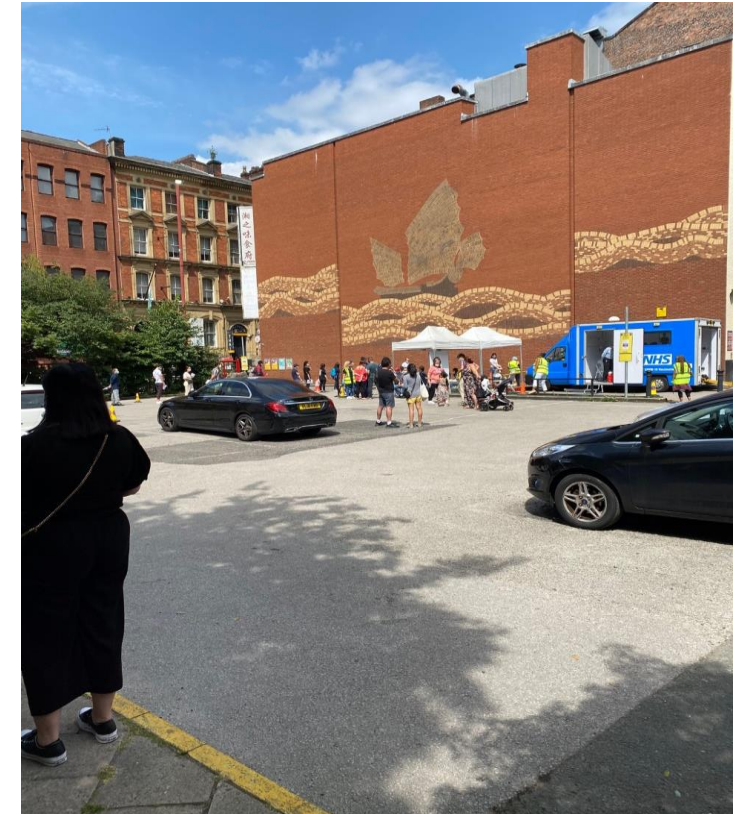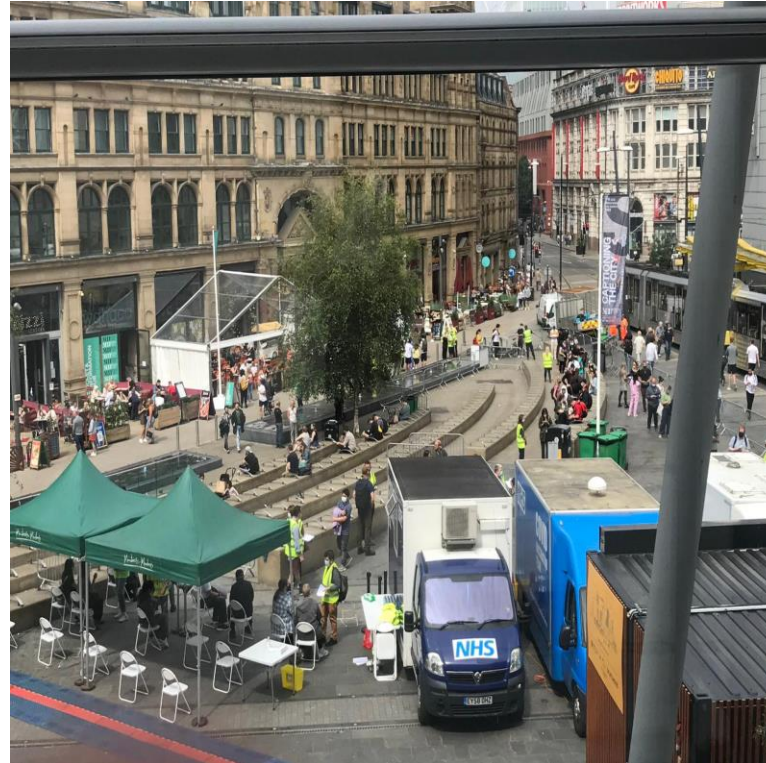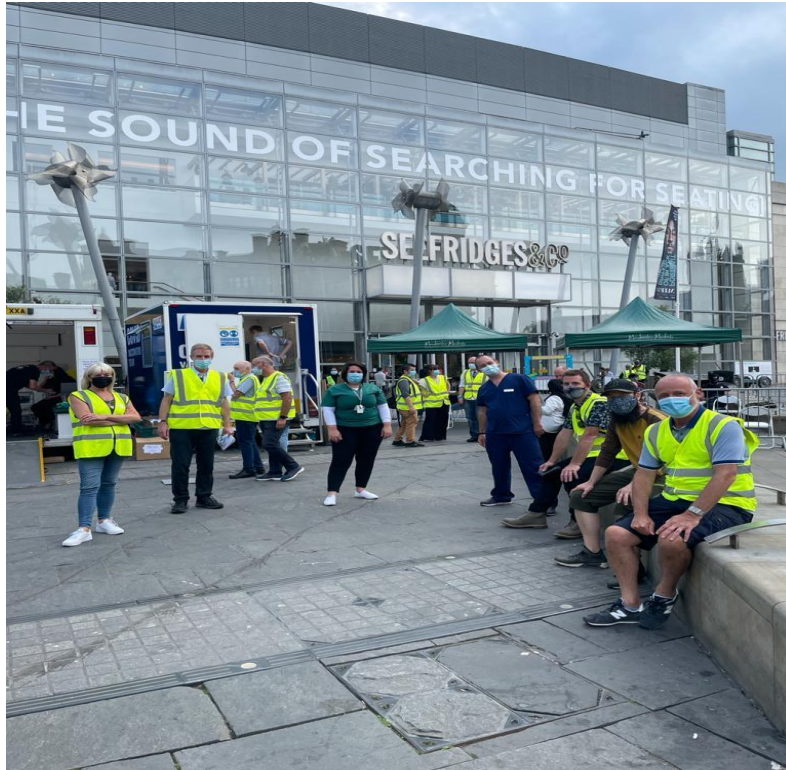
Communication and engagement

Key focus for Phase Three: co-ordinate activity to make sure the general public and other key stakeholders have clear information about the vaccination programme, its delivery and effectiveness.

Activity undertaken will specifically:
- **Drive awareness** of the availability to eligible groups, explain how to get a vaccine and encourage uptake. There will also be a continued push to encourage those who are unvaccinated to take up the evergreen offer.

- Help people **understand the benefits** of being vaccinated, **dispel any myths and** reassure those who have concerns or reservations.

Key facets that underline our approach include:
- Activity **jointly commissioned** by partners across the city. Plans will incorporate l**earning** from Phase 1 and 2 Covid-19 vaccination and 2020-21 flu vaccination campaigns.

- Key focus on **simple messaging.**

Key focus for Phase Three: develop and implement community engagement plans for targeted work, ensuring messages are culturally relevant with an emphasis on neighbourhood-level messaging from trusted sources.

Activity undertaken will specifically:
- Encourage 'at risk' communities to participate in the vaccination programme through **targeted engagement**. Tailored materials are used to address the information needs and concerns of priority audiences.

- **Localised engagement** approach based on local insight, knowledge and connections.

- Use a **data and intelligence led approach** to help inform areas of specific engagement activity outside of the city wide comms activity.

Care Sector

Under new guidance released this month, all staff in care homes are required to have received their first dose of the vaccination by the 16th September; currently 83% have met this requirement.
Second doses must be administered by the 11th November, currently 68% have met this requirement.

Phase Three Priorities

- Finalise delivery partners and plans for all care homes – PCNs & subcontracted providers
- Engage with care homes about the process and preparation needed
- Create overall programme for care home delivery, ideally co-delivering with flu vaccine
- Ensure care home workers have additional routes for vaccination
- Understand and communicate priority and access for the rest of the care sector for **both Flu and Covid Booster**: Supported Accommodation, Extra Care, homecare, Personal Assistants, unwaged carers, VCSE.