

COVID-19 Update

Manchester Health Scrutiny Committee

8 December 2021

David Regan

Director of Public Health

Manchester City Council

Headline Figures (Latest Published Data)
7-days ending Wednesday 1 December 2021

Measure	All Ages	60+
Total number of new cases	1,777	92
Average number of new cases per day	254	13
Case detection rate per 100,000	319.8	128.5
7-day rate of change (%)	-2.3%	-12.4%

Lower Tier Local Authorities in England with highest rates of confirmed cases of COVID-19 per 100,000 population (7-days ending Wednesday 1 December 2021)

Rank	LA Name	Number of new cases	Rate per 1000,000 population	Change in number of new cases	% change in number of new cases
1	Torrige	706	1,027.4	-38	-5.1%
2	North Devon	858	874.0	-23	-2.6%
3	Waverley	1,079	852.6	199	22.6%
4	Mid Sussex	1,282	842.6	-73	-5.4%
5	Lewes	870	840.4	224	34.7%
6	Ashford	1,078	822.8	258	31.5%
7	Reigate and Banstead	1,207	808.7	213	21.4%
8	Tandridge	712	804.1	35	5.2%
9	Hastings	743	802.8	72	10.7%
10	South Hams	703	799.4	209	42.3%
:	:	:	:	:	:
293	Manchester	1,777	319.8	-43	-2.4%

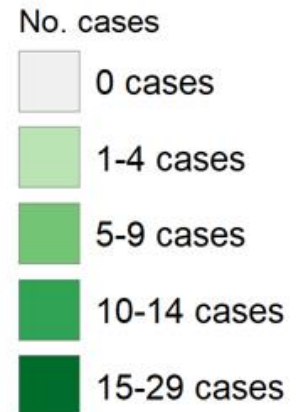
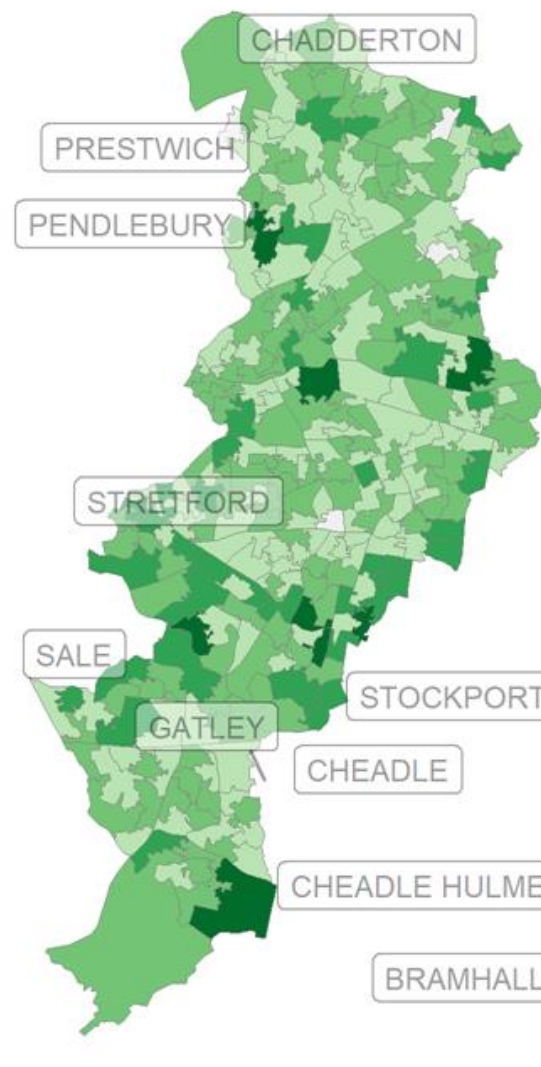
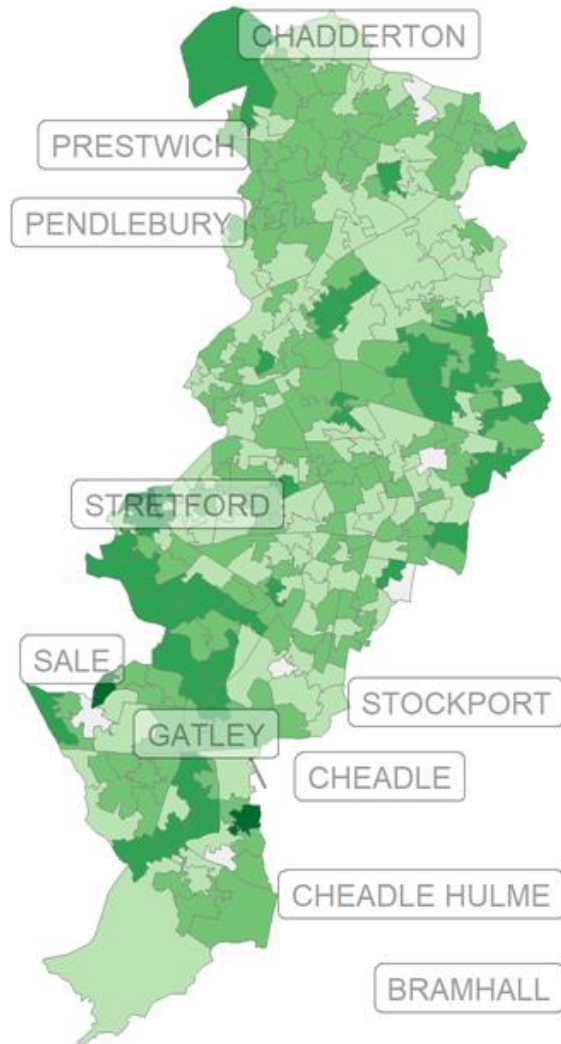
Number of confirmed cases of COVID-19 per 100,000 population (7-day rolling average) in Manchester and England by specimen date (2 September 2021 to 1 December 2021)



Number of confirmed COVID-19 cases in Manchester by Lower Super Output Area (LSOA) of residence (Most Recent 7 days and Prior 7 day Period)

22 November to 28 November 2021

29 November to 5 December 2021

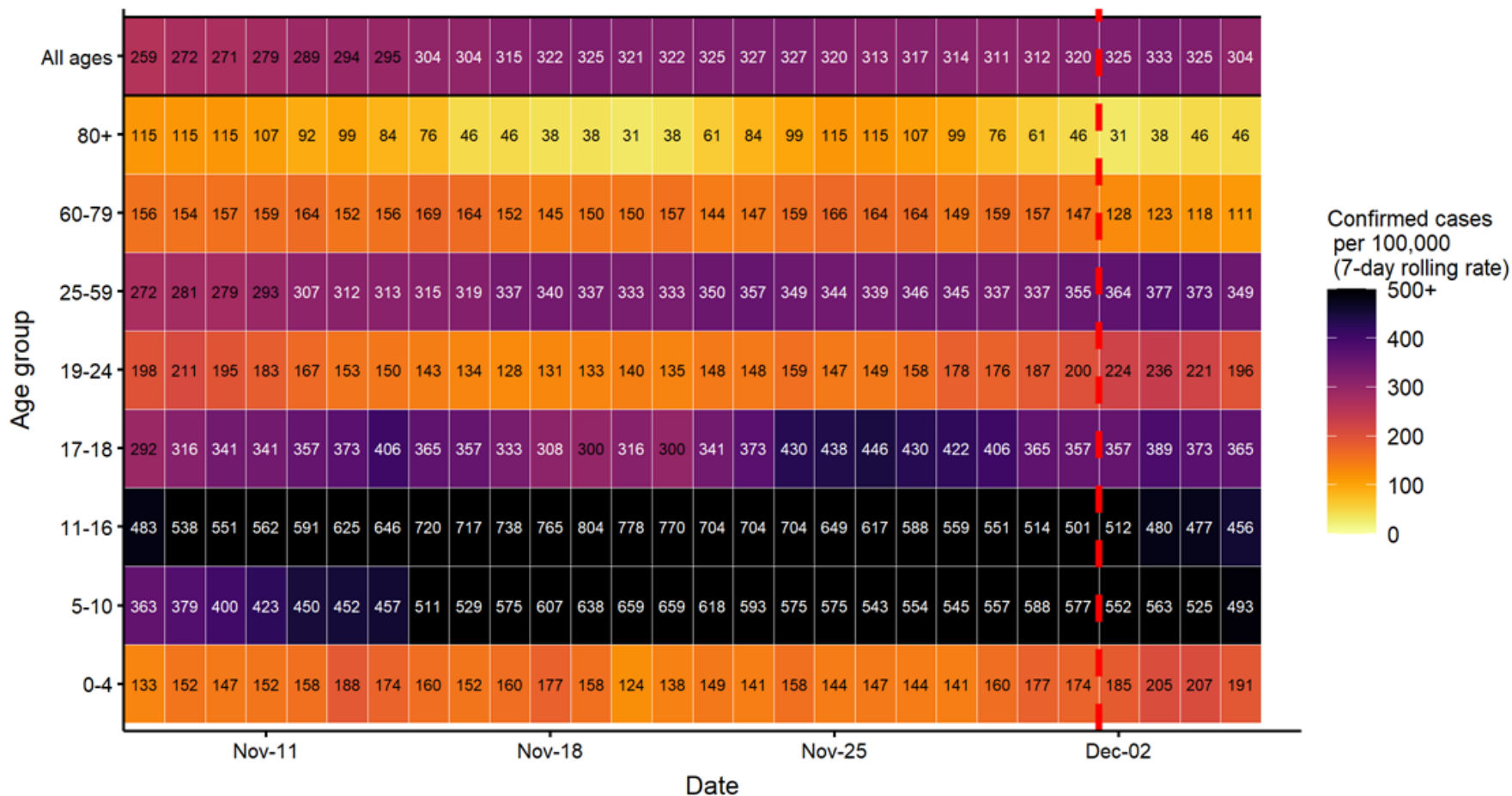


Number of confirmed cases of COVID-19 and rate per 100,000 population in Manchester, by age group: 7-days up to 1 December 2021

	Number of cases	Rate per 100,000	Abs. change	7-day rate of change*
Pre-school (0-4 years)	63	174.2	6	10.5%
Primary school (5-10 years)	254	577.0	1	0.4%
Secondary school (11-16 years)	190	501.0	-77	-28.8%
Older teenagers (17-18 years)	44	357.0	-9	-17.0%
Younger working age (19-24 yrs)	158	199.6	33	26.4%
Working age (25-59 years)	976	355.5	18	1.9%
Younger older people (60-79 yrs)	86	147.0	-6	-6.5%
Older people (80+ years)	6	45.9	-7	-53.8%
Total (All ages)	1,777	319.8	-41	-2.3%

* Compared with prior 7-day period 18/11/2021 to 24/11/2021

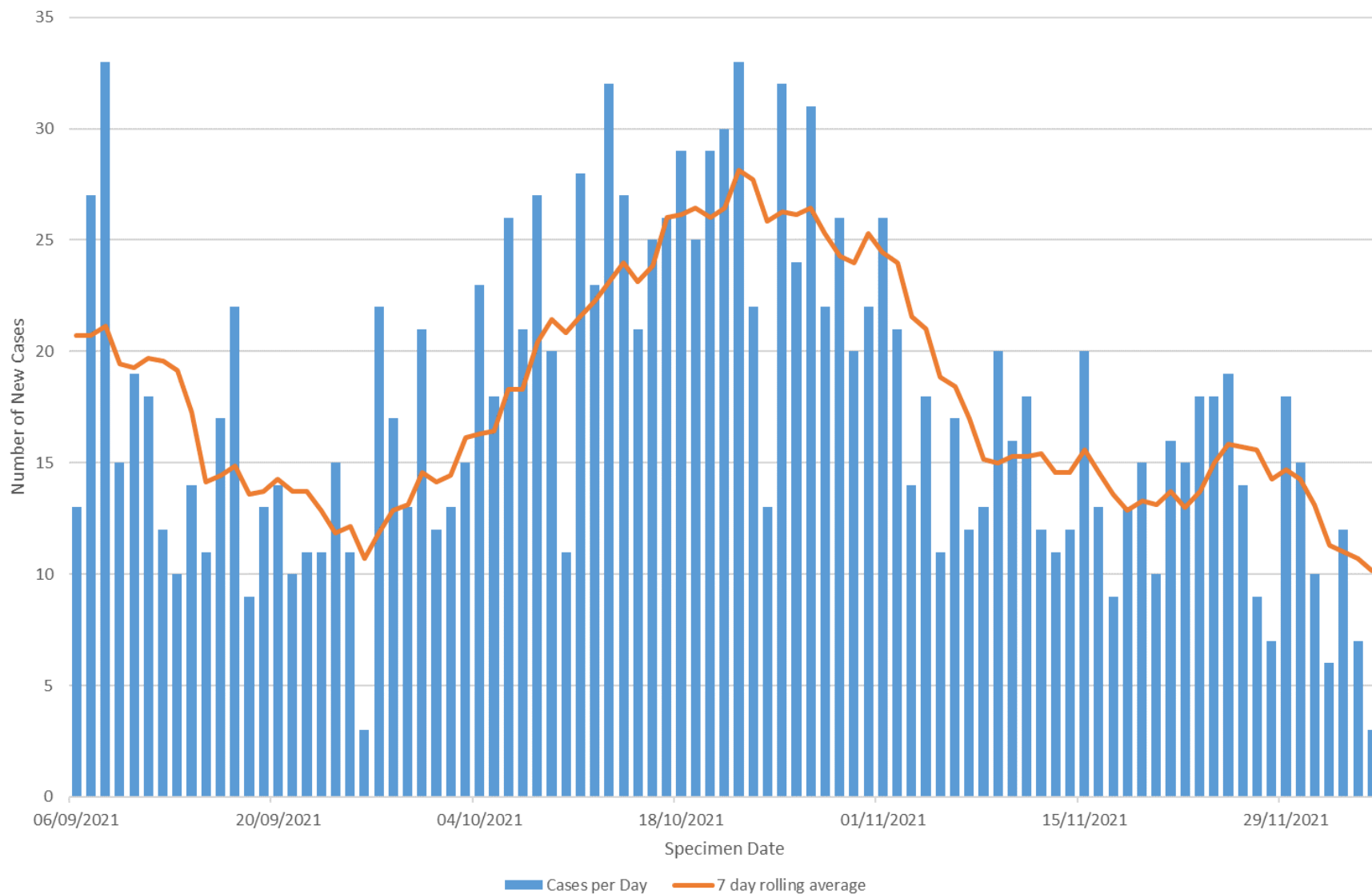
Number of confirmed cases of COVID-19 per 100,000 population in Manchester residents (7-day rolling average) by age group (8 November to 5 December 2021)



Note: The red dashed line denotes the 4 most recent days that are subject to reporting delays

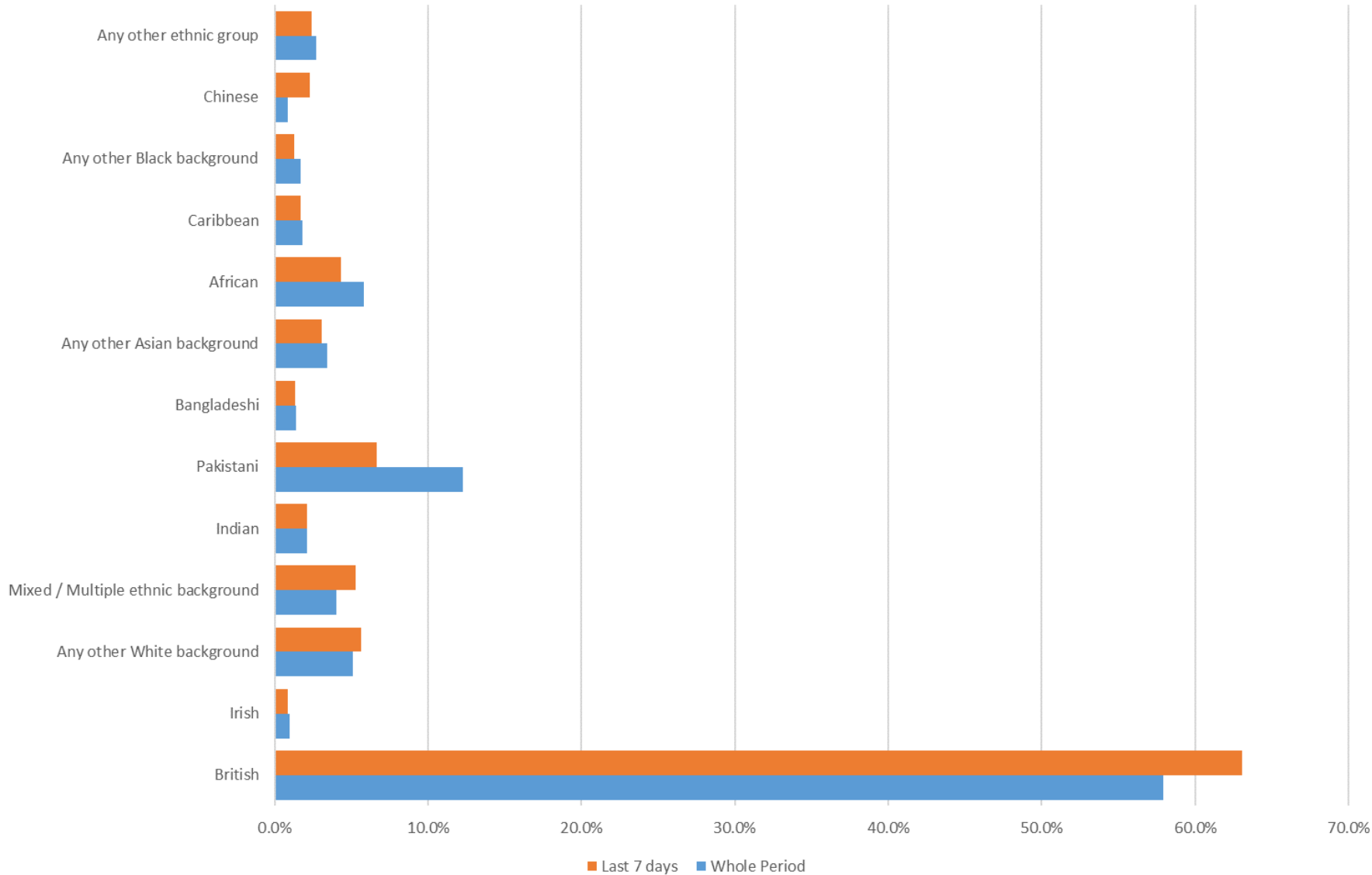
Daily number of confirmed COVID-19 cases and 7-day rolling average in people aged 60 and over in Manchester, by specimen date (6 September to 5 December 2021)

Data for the most recent 4 days (2 Dec -5 Dec) are provisional and subject to reporting delays

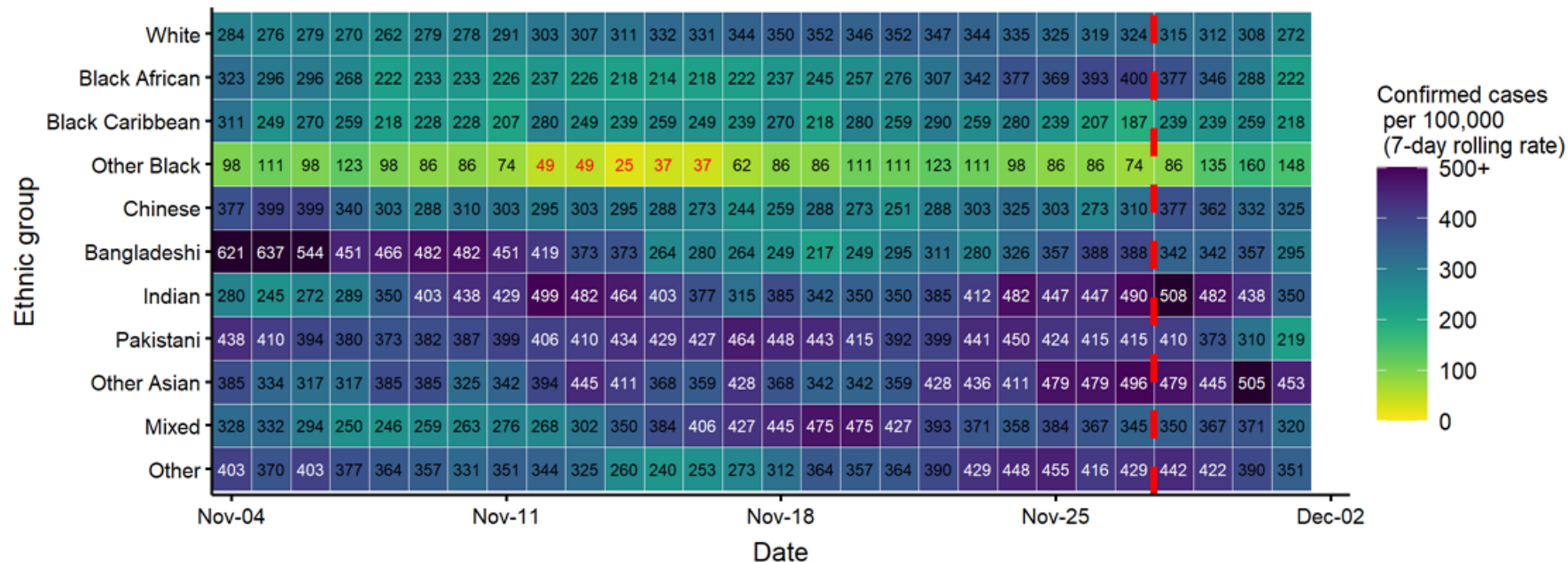


Proportion of confirmed case of COVID-19 in Manchester by ethnic group: 1 March 2020 to date compared with most recent complete 7 days (25 Nov - 1 Dec 2021)

Excludes cases without a stated ethnic group



Number of confirmed cases of COVID-19 per 100,000 population in Manchester residents (7-day rolling average) by ethnic group (4 November to 1 December 2021)



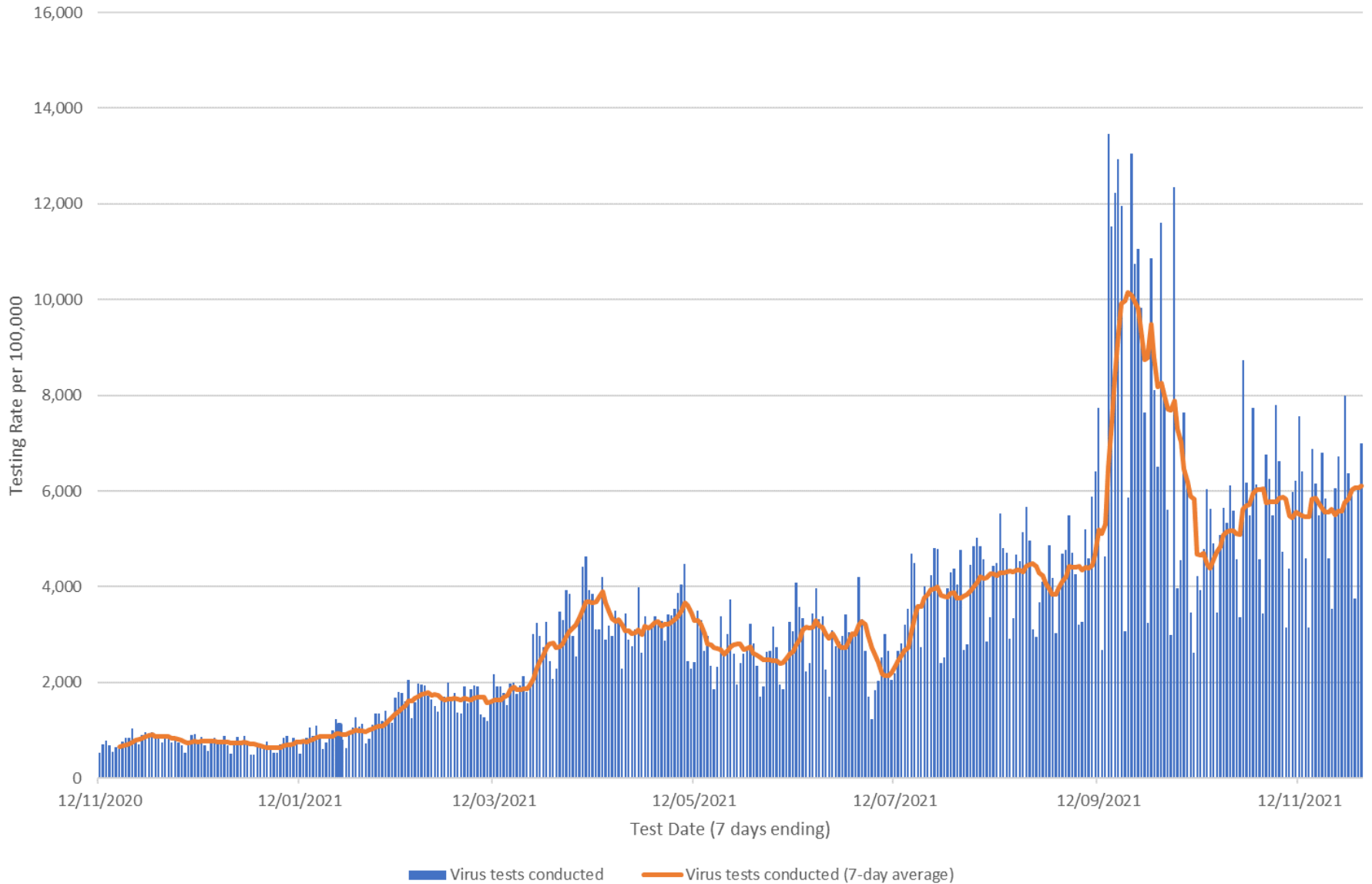
Excluding 3.1% ethnicity data classified as Na or Unknown.
Where text is red rates should be interpreted with caution as underlying case numbers are <5.

As of 26/05/2021 an issue with denominators for the categories Black African and Other Black has been corrected.

Note: The red dashed line denotes the 4 most recent days that are subject to reporting delays

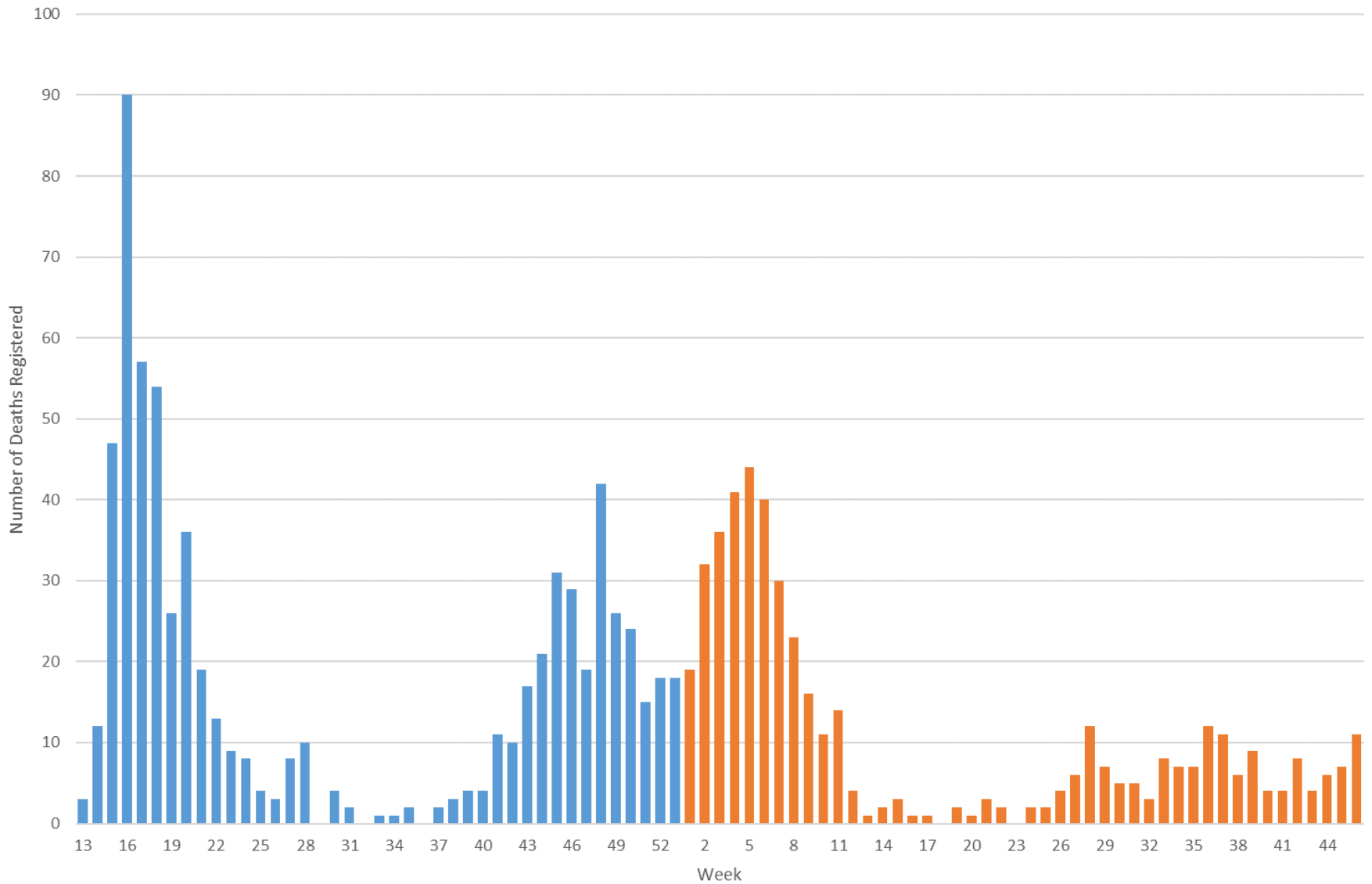
Total number of COVID-19 virus tests (PCR and LFD tests) conducted by Manchester residents and rolling 7 day average (5 May 2020 to 1 December 2021)

This is a count of test results and may include more than one test per person

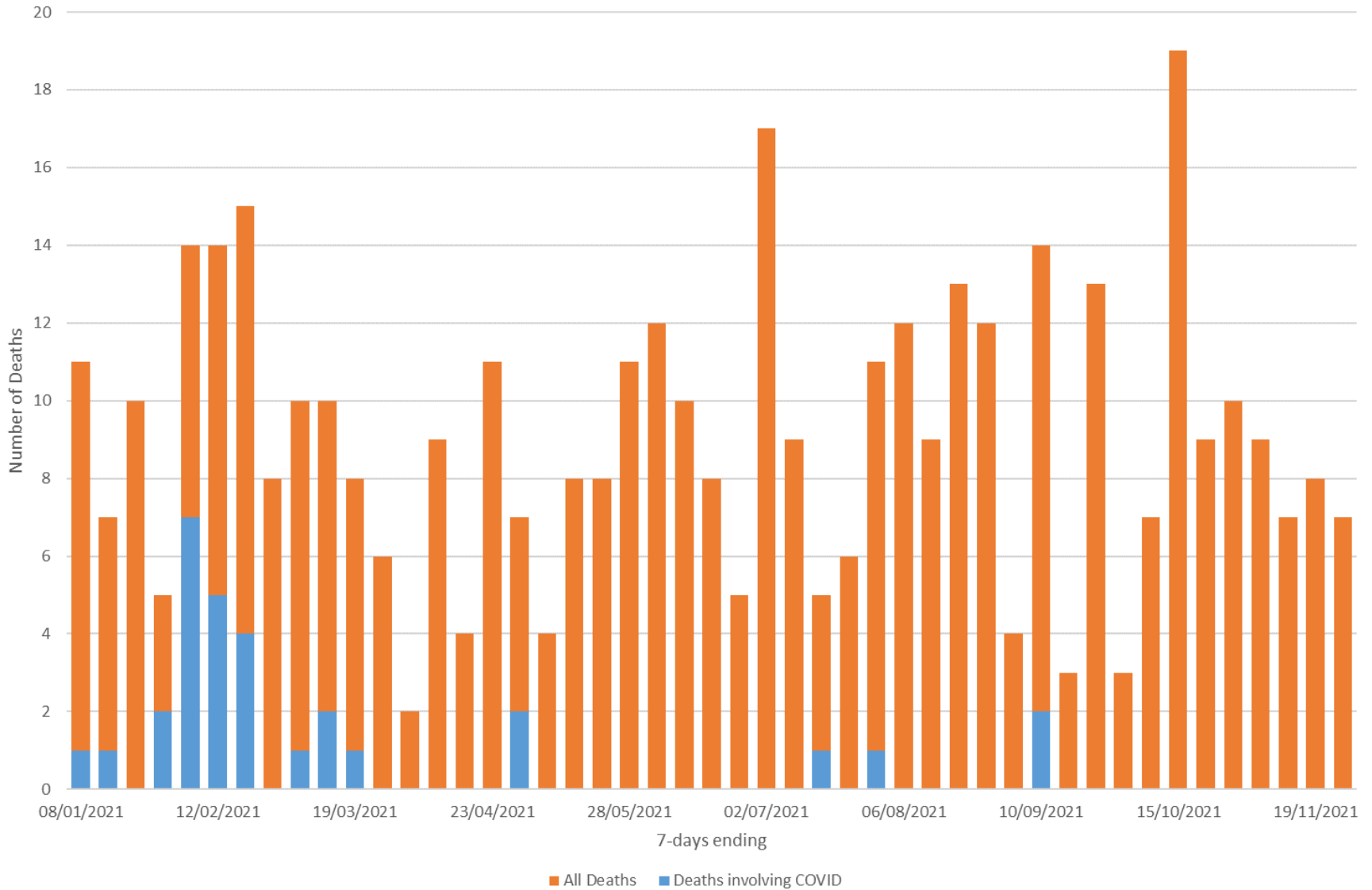


Total Number of Deaths Involving COVID-19 per Week in Manchester Residents

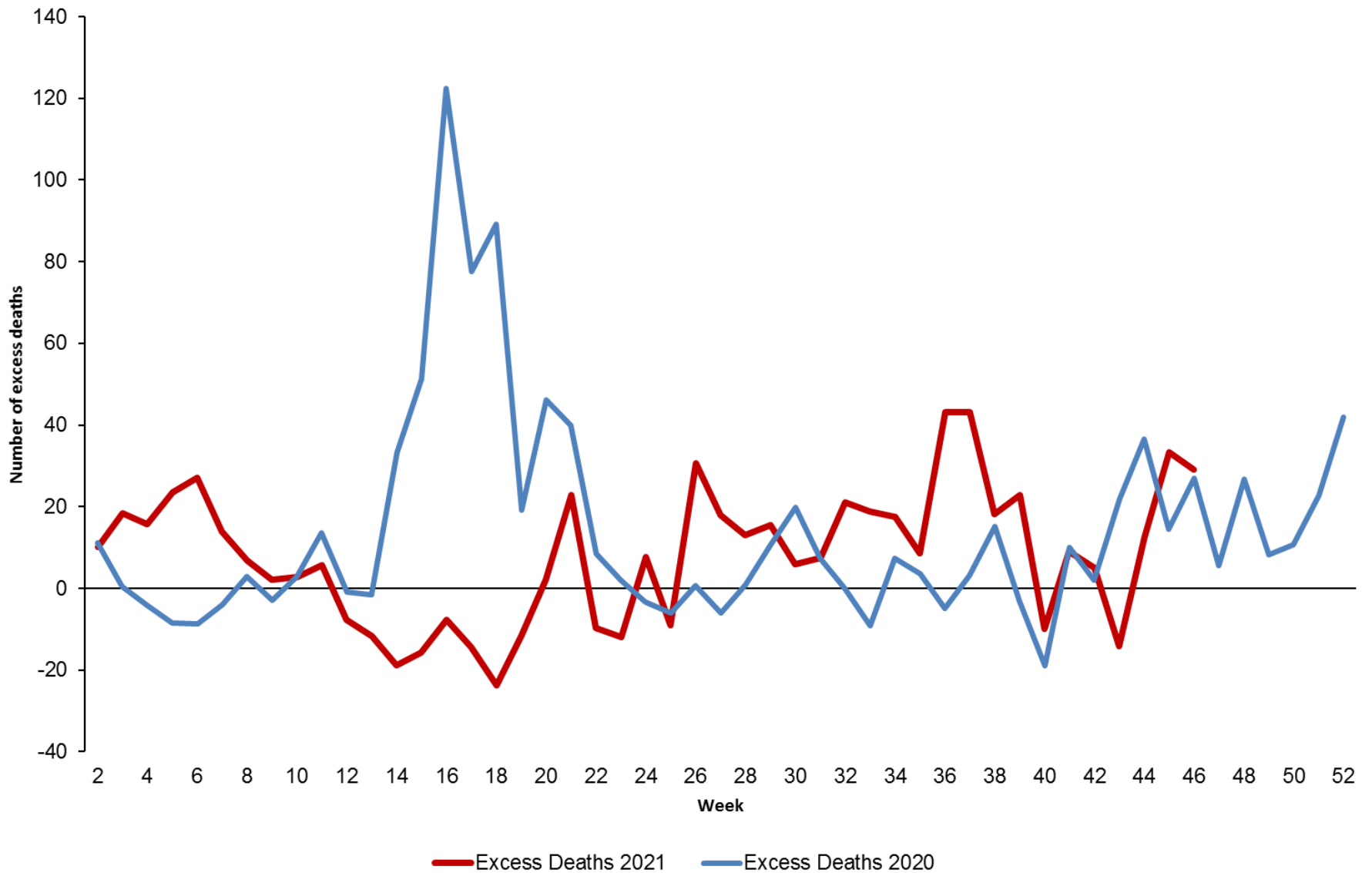
Deaths registered between Week 13 2020 and Week 46 (19 November) 2021



Total Number of Deaths and Deaths Involving COVID-19 reported to CQC by Care Homes in Manchester (7-days ending 8 January to 26 November 2021)



Total Number of Excess Deaths per Week in Manchester Residents
Deaths Registered in 2020 and 2021 compared with Average for 2015-2019



Omicron Update

- On Tuesday 23rd November a small number of cases of a new variant were identified in South Africa and designated as B.1.1.529 on 24th November
- On Saturday 27th November B.1.1.529 was designated a Variant of Concern (VOC) by the World Health Organisation and the UK Health Security Agency (UKHSA) and was given the name Omicron
- Information on transmissibility, infection severity and the impact of current vaccines on this VOC is still being collated
- As at Monday 6th December there were 336 confirmed cases in the United Kingdom

Omicron Update (continued)

- The Manchester Public Health Team are working collaboratively with the UK Health Security Agency and a 'local early warning system' is in place
- The measures introduced by the Government on 30th November include the wearing of face coverings on public transport and in retail outlets
- In addition the booster programme has been expanded and the Manchester Vaccination Programme Team have developed a winter plan in response to this, Dr Manisha Kumar will present this to the Committee
- Travel restrictions have also been changed including a new testing regime, the establishment again of Managed Quarantine Service hotels and countries continue to be added to the red list based on the spread of Omicron cases
-

Winter Vaccination Programme

Dr Manisha Kumar, Medical Director

Manchester Health & Care Commissioning

On 29.11.21 national policy for the Covid-19 Vaccination Programme was updated following the identification and spread of the Omicron variant

Why are changes being made?

- Extending the booster programme will help to protect the most vulnerable and reduce hospital admissions.
- The Omicron variant has been identified across the UK with cases likely to steadily increase.
- The full effects and transmissibility features of the strain will not be known for another 2-3 weeks once tests are complete.
- However, the number of mutations seen in this strain are greater than previous strains so there is a risk that vaccines are less effective against Omicron - as well as impacting immune systems.

What are the changes being made?

1. Minimum dose interval for booster jabs halved from six months to three months.
2. Booster programme expanded to include all remaining adults aged 18 and above (however, these boosters should be offered, by age group, in a descending order to protect those who are most vulnerable to the virus).
3. That severely immunosuppressed people aged 16 or above who've received three primary doses should now also be offered a booster dose.
4. That children aged between 12 and 15 should be given a second dose, 12 weeks from the first dose.

- 29/11/21 National ask for all system pillars to stand up surge capacity for a period 8-11 weeks to deliver to all 18+ by 31/1/22
- Submitted response to GM on 1/12/21 for Regional report on potential increased LVS capacity based on modelling data of a revised weekly Manchester run rate of 23,983
- The PMO is co-ordinating an action plan across three thematic areas to drive the local response

	ACCESS
Capacity Planning	Modelling increased provision to meet revised run rates
Workforce Planning	Ensuring site workforce capacity including volunteers
Vaccine Supply	Ensuring guarantee of sufficient supply to meet demand and Moderna readiness
Outreach Plan	Planned pop-ups with peripatetic team & INTs/HDCs
Existing priority cohorts	Housebound completion, Care Home & Immunosuppressed Supported offers for people with LD and SMI
Community Pharmacy	To work with GM to consider capacity and offers
Hospital Hubs	Work with MFT on surge capacity offer
12-15	Second Dose – In /Out of School offer scoping & development for January start

	INFORMATION
Communication	Local Comms Plan Development
	Social media messaging
	Assess additional funding required
Gateway & Helpline	Script and support for surge phase

	MOTIVATION
Engagement	Neighbourhood & Citywide Engagement Planning
Evaluation	Targeted evaluation drive learning from ERA plans
Sounding Boards	Revisit to ensure all trusted “ messengers” are confident with the “ message”

65.2% of 12+ in Manchester have received a 1st dose | 63.6% of 18+ have received both doses



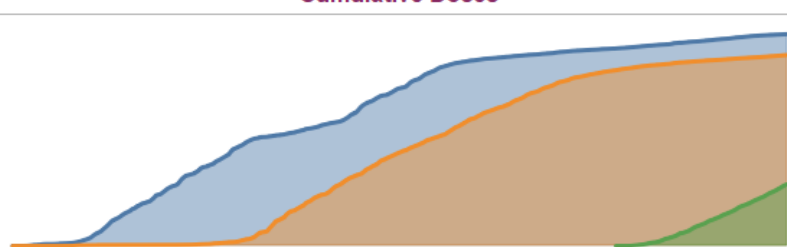
COVID Vaccination Coverage as of 5 December 2021

Data Source: National Immunisation Management System (NIMS)

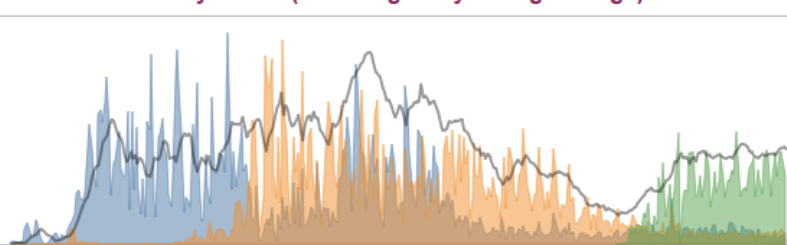
For patients registered with a Manchester GP Practice:

389,308 patients given their first dose ▲ 146
 350,893 patients given their second dose ▲ 283
 113,426 patients given their booster dose ▲ 1,761

Cumulative Doses



Daily Doses (including 7 day rolling average)



Dose	Uptake for Age 18+ (daily change)	Uptake for Age 16+ (daily change)	Uptake for Age 12+ (daily change)
First	68.3% (0.02%)	67.6% (0.02%)	65.4% (0.03%)
Second	63.7% (0.04%)	62.5% (0.05%)	58.9% (0.05%)
Booster	20.72% (0.32%)	20.15% (0.31%)	19.00% (0.30%)



First doses
389308



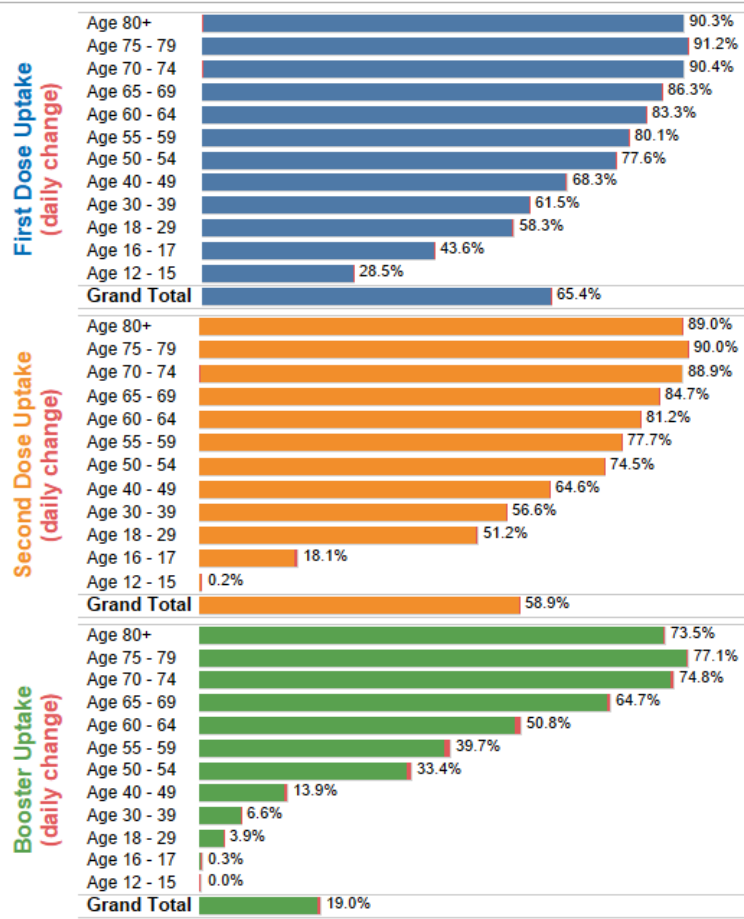
Second doses
350 893



Boosters
113 426



Total vaccine delivered
853 627



Flu uptake

120,393 – 35.7%
Up 12,427 in last 14 days



Care Home Coverage*

1st/2nd
Residents - 94%/91%
Staff - 95%/91%



Boosters

Residents – 85.9%

Booster Vaccinations - Overdue Status

	Number			Percentage		
	Overdue: 240+ days since Dose 2	Due: 183 - 239 days since Dose 2	Received	Overdue: 240+ days since Dose 2	Due: 183 - 239 days since Dose 2	Received
Latest Data	8,164	59,103	103,639	4.78%	34.58%	60.64%
1 week ago	4,484	52,888	100,814	2.83%	33.43%	63.73%

Patients receiving Covid Booster – Breakdown by Ethnicity

Ethnicity	Vaccinated	Patients	% Coverage (change from 1 week ago)
Irish	2,654	3,588	74.0%
English, Welsh, Scottish, Northern Irish or British	66,994	96,349	69.5%
Chinese	1,277	2,032	62.8%
Declined to provide ethnicity status	851	1,398	60.9%
Indian	2,362	4,126	57.2%
Gypsy or Irish Traveller	18	32	56.3%
No record of ethnicity status	9,886	17,594	56.2%
Any other White background	3,170	5,658	56.0%
Caribbean	1,251	2,242	55.8%
White and Asian	283	534	53.0%
Any other Mixed or Multiple ethnic background	445	897	49.6%
Any other Asian background	1,256	2,653	47.3%
Any other ethnic group	1,345	2,857	47.1%
White and Black Caribbean	337	721	46.7%
Bangladeshi	782	1,710	45.7%
White and Black African	333	731	45.6%
African	2,729	6,754	40.4%
Arab	304	774	39.3%
Pakistani	4,718	12,018	39.3%
Any other Black, African or Caribbean backgrou..	533	1,361	39.2%
Roma	1	3	33.3%
Grand Total			61.9%
White	72,837	105,630	69.0%
Declined to provide ethnicity status	851	1,398	60.9%
No record of ethnicity status	9,886	17,594	56.2%
BAME	17,955	39,410	45.6%
Grand Total			61.9%

Actions:

- Working with community groups e.g. South Asian Sounding Boards
- Integrated Neighbourhood Teams and Health Development Co-ordinators have developed plans to engage with cohorts where vaccine uptake for Boosters is lower than for 1st/2nd dose – e.g. Bangladeshi and Pakistani communities
- Pop Ups to be located in areas where uptake is low working with engagement teams

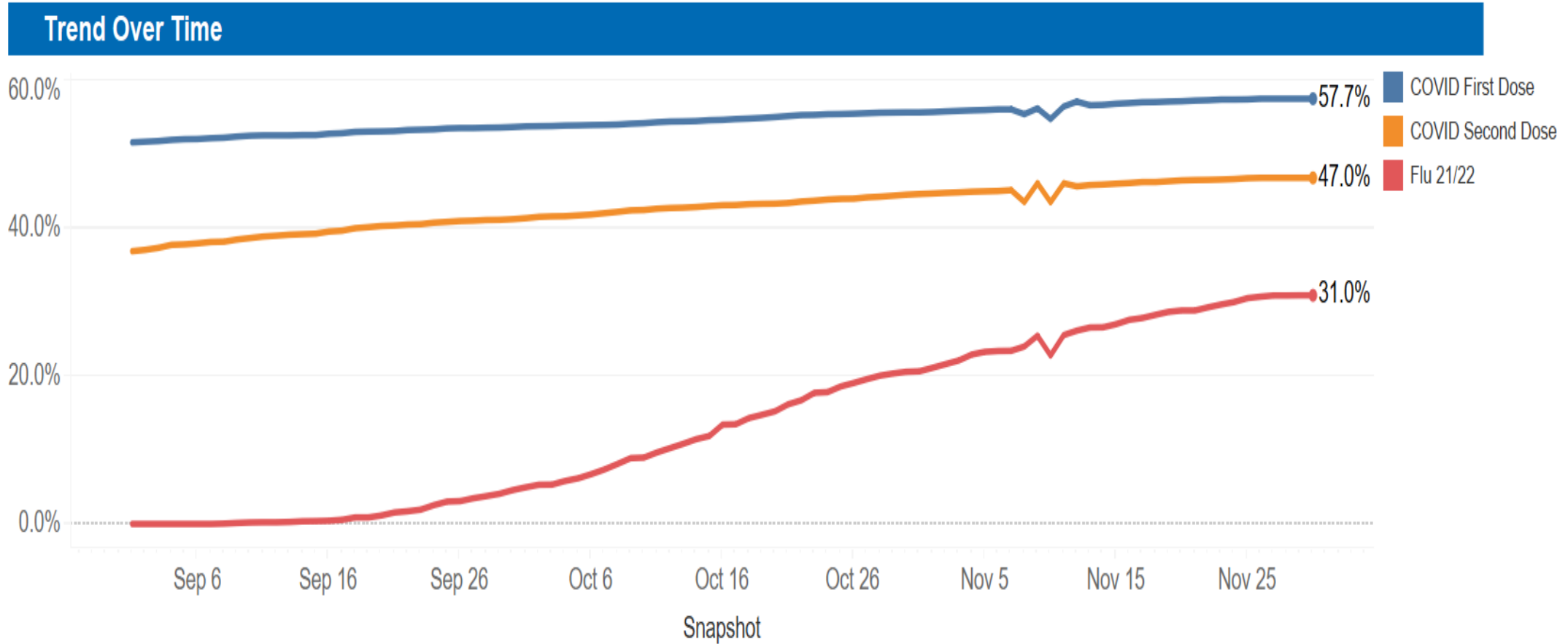
Splits of patients who are more than 183 days since 2nd Dose by "Booster" Cohort

COVID Booster Cohort	Overdue: 240+ days since Dose 2	Due: 183 - 239 days since Dose 2	Received
1.1 Immunosuppressed	3.52% 346	26.74% 2,631	69.75% 6,863
1.2 Resident of Nursing or Residential Care Home	8.34% 110	5.69% 75	85.97% 1,134
1.3 Aged 70 and over	4.78% 1,587	10.44% 3,467	84.78% 28,153
1.4 Clinically Extremely Vulnerable	3.63% 572	37.23% 5,873	59.14% 9,330
2.1 Aged 50 and over	1.58% 962	33.89% 20,617	64.53% 39,264
2.2 Aged 16 - 49 At Risk	3.96% 598	56.61% 8,552	39.44% 5,958
2.3 Contact of Immunosuppressed	12.50% 6	37.50% 18	50.00% 24
2.4 Age 40 - 49	7.70% 889	49.17% 5,680	43.14% 4,983
Other eligibility, already received booster	13.33% 3,094	52.51% 12,190	34.16% 7,930
Grand Total	4.78% 8,164	34.58% 59,103	60.64% 103,639

Splits of patients who are more than 183 days since 2nd Dose by JCVI Cohort

JCVI Cohort	JCVI SubCohort	Overdue: 240+ days since Dose 2	Due: 183 - 239 days since Dose 2	Received
01: Care Home Resident Age 65+ or Care Home Worker	Care Home Resident	8.22%	6.23%	85.55%
	Care Home Worker	15.38%	20.88%	63.74%
02: Age 80 and over	Age 80 and over	7.41%	10.16%	82.43%
03: Age 75 - 79	Age 75 - 79	4.39%	8.61%	86.99%
04: Age 70 - 74 OR Shielding OR QCOVID	Age 70 - 74	2.66%	11.97%	85.38%
	Shielding - Age 18+	2.23%	46.07%	51.70%
05: Age 65 - 69	Age 65 - 69	5.03%	25.84%	69.13%
06: Higher Risk	Age 65 - 69	1.10%	19.08%	79.82%
07: Age 60 - 64	Higher Risk	2.68%	42.80%	54.52%
08: Age 55 - 59	Age 60 - 64	1.14%	37.32%	61.54%
09: Age 50 - 54	Age 55 - 59	1.89%	42.08%	56.02%
10: Age 40 - 49	Age 50 - 54	2.28%	43.69%	54.02%
	Age 40 - 44	7.71%	49.86%	42.43%
11: Age 30 - 39	Age 45 - 49	7.64%	48.47%	43.89%
	Age 30 - 34	13.18%	50.11%	36.71%
12: Age 18 - 29	Age 35 - 39	11.01%	52.18%	36.81%
13: Age 12 - 17 At Risk	Age 18 - 29	14.56%	53.83%	31.61%
	Age 16 - 17 At Risk	1.23%	70.37%	28.40%
14: Age 12 - 17 No Risk	Age 16 - 17 No Risk	5.88%	76.47%	17.65%
	Not in scope currently		100.00%	
Grand Total		4.78%	34.58%	60.64%

We are seeing good uptake of boosters in our most vulnerable age Cohorts .
Focus on those more vulnerable as previously identified as “CEV” and Immunosuppressed



Ethnicity	Patients	D1	D2	Received Flu	Eligible for Booster	Received COVID Booster	Received Flu and COVID Booster	% D1	% D2	% Flu	% Booster (All, inc not eligible)	% Eligible for Booster	% received booster of eligible
Chinese	44	38	35	23	4	0	0	86.4%	79.5%	52.3%	0.0%	9.1%	0.0%
Indian	180	150	131	71	42	9	8	83.3%	72.8%	39.4%	5.0%	23.3%	21.4%
Irish	40	31	29	17	7	4	3	77.5%	72.5%	42.5%	10.0%	17.5%	57.1%
Bangladeshi	69	52	40	27	9	2	1	75.4%	58.0%	39.1%	2.9%	13.0%	22.2%
Any other Asian background	146	100	78	59	12	2	2	68.5%	53.4%	40.4%	1.4%	8.2%	16.7%
Pakistani	620	399	316	201	61	12	9	64.4%	51.0%	32.4%	1.9%	9.8%	19.7%
English, Welsh, Scottish, Nor..	1,402	853	717	510	226	82	63	60.8%	51.1%	36.4%	5.8%	16.1%	36.3%
Any other ethnic group	182	108	88	57	18	6	5	59.3%	48.4%	31.3%	3.3%	9.9%	33.3%
White and Black African	59	34	27	14	7	1	0	57.6%	45.8%	23.7%	1.7%	11.9%	14.3%
Any other White background	252	143	119	83	32	13	11	56.7%	47.2%	32.9%	5.2%	12.7%	40.6%
Roma	2	1	1	0	0	0	0	50.0%	50.0%	0.0%	0.0%	0.0%	
No record of ethnicity status	590	289	225	120	60	23	13	49.0%	38.1%	20.3%	3.9%	10.2%	38.3%
African	390	191	147	116	28	9	8	49.0%	37.7%	29.7%	2.3%	7.2%	32.1%
White and Asian	35	17	16	12	3	1	1	48.6%	45.7%	34.3%	2.9%	8.6%	33.3%
Any other Mixed or Multiple e..	50	23	19	19	5	3	3	46.0%	38.0%	38.0%	6.0%	10.0%	60.0%
Declined to provide ethnicity ..	61	28	25	11	4	0	0	45.9%	41.0%	18.0%	0.0%	6.6%	0.0%
Arab	82	32	23	23	1	1	1	39.0%	28.0%	28.0%	1.2%	1.2%	100.0%
Any other Black, African or C..	95	36	28	15	7	0	0	37.9%	29.5%	15.8%	0.0%	7.4%	0.0%
White and Black Caribbean	43	13	8	7	0	0	0	30.2%	18.6%	16.3%	0.0%	0.0%	
Caribbean	67	18	16	12	5	0	0	26.9%	23.9%	17.9%	0.0%	7.5%	0.0%
Gypsy or Irish Traveller	5	0	0	0	0	0	0	0.0%	0.0%	0.0%	0.0%	0.0%	
Grand Total	4,414	2,556	2,088	1,397	531	168	128	57.9%	47.3%	31.6%	3.8%	12.0%	31.6%

Actions:

- Significant focus of local and national comms strategy
- Bespoke pregnancy clinics delivered at key locations e.g. Central Mosque
- Work with Sure Start Centres in Cheetham and Crumpsall to develop a Pregnancy/Early Years event

Vaccination Coverage for Housebound patients



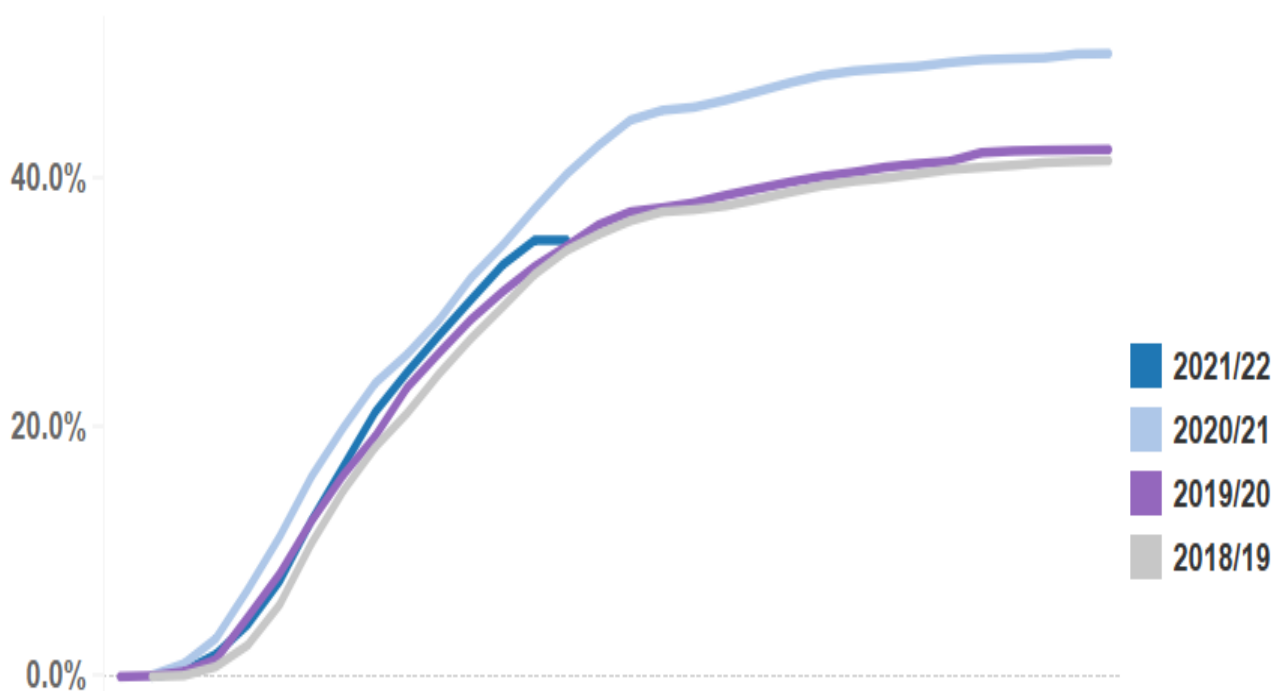
Housebound Vaccination Coverage

Primary Care Network	Patients	D1	D2	Received Flu	Eligible for Booster	Received COVID Booster	Received Flu and COVID Booster	% D1	% D2	% Flu	% Booster (All, inc not eligible)	% Eligible for Booster	% received booster of eligible
Ardwick and Longsight	313	284	260	203	206	67	60	90.7%	83.1%	64.9%	21.4%	65.8%	32.5%
Cheetham Hill and Crump..	337	306	291	192	251	98	75	90.8%	86.4%	57.0%	29.1%	74.5%	39.0%
City Centre and Ancoats	113	104	100	89	74	28	27	92.0%	88.5%	78.8%	24.8%	65.5%	37.8%
Clayton, Beswick and Ope..	381	357	342	258	322	209	182	93.7%	89.8%	67.7%	54.9%	84.5%	64.9%
Didsbury, Burnage and Ch..	367	342	334	303	310	198	182	93.2%	91.0%	82.6%	54.0%	84.5%	63.9%
Gorton and Levenshulme	438	378	357	212	311	167	115	86.3%	81.5%	48.4%	38.1%	71.0%	53.7%
Higher Blackley, Harpurhe..	407	365	337	260	318	196	167	89.7%	82.8%	63.9%	48.2%	78.1%	61.6%
Hulme, Moss Side, Rushol..	140	117	110	63	81	19	13	83.6%	78.6%	45.0%	13.6%	57.9%	23.5%
Miles Platting, Newton He..	522	473	458	303	406	317	253	90.6%	87.7%	58.0%	60.7%	77.8%	78.1%
Northenden and Brooklan..	368	336	324	250	311	203	178	91.3%	88.0%	67.9%	55.2%	84.5%	65.3%
RDP	76	64	59	43	47	21	20	84.2%	77.6%	56.6%	27.6%	61.8%	44.7%
West Central Manchester	391	337	318	242	289	169	150	86.2%	81.3%	61.9%	43.2%	73.9%	58.5%
Withington and Fallowfield	298	270	260	206	247	146	130	90.6%	87.2%	69.1%	49.0%	82.9%	59.1%
Wythenshawe	545	512	497	352	469	346	286	93.9%	91.2%	64.6%	63.5%	86.1%	73.8%
Grand Total	4,696	4,245	4,047	2,976	3,642	2,184	1,838	90.4%	86.2%	63.4%	46.5%	77.6%	60.0%

	% D1	% D2	% Flu	% Booster (All, inc not eligible)	% Eligible for Booster	% received booster of eligible
Latest Data	90.4%	86.2%	63.4%	46.5%	77.6%	60.0%
1 Week Ago	90.3%	86.1%	61.9%	45.3%	76.3%	59.4%
Change	0.1%	0.0%	1.4%	1.2%	1.3%	0.6%

Actions:

- Target date of 31st December for all Housebound patients to have been offered a Booster.
- Weekly meetings with Community Pharmacy delivery partners to ensure we are on track to deliver
- 15 minute wait in homes due to use of mRNA vaccine means a slower roll out



Week 36 Number of vaccines given:

18/19	90,154
19/20	94,382
20/21	110,254
21/22	118,154

Flu Group Comparison

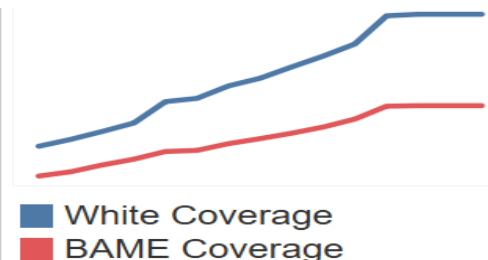
Patients **DO NOT** fall into more than one group below.

Flu Cohort Grouping

6 months - under 2 years	6 months - under 2 years: At Risk	8.5%
	6 months - under 2 years: Total	8.5%
2 - 15	2 - 15: At Risk	23.2%
	2 - 15: Not At Risk	18.7%
	2 - 15: Total	19.3%
16 - 49	16 - 49: At Risk	26.9%
	16 - 49: Total	26.9%
50 - 64	50 - 64: At Risk	54.6%
	50 - 64: Not At Risk	27.2%
	50 - 64: Total	38.8%
65+	65+: At Risk	74.1%
	65+: Not At Risk	57.2%
	65+: Total	68.4%

Patients receiving Flu – Breakdown by Ethnicity

Ethnicity	Vaccinated	Patients	% Coverage (change from 1 week ago)
Irish	2,593	5,102	50.8%
English, Welsh, Scottish, Northern Irish or British	65,462	146,911	44.6%
Bangladeshi	1,221	3,342	36.5%
Indian	2,355	6,908	34.1%
Chinese	1,622	5,058	32.1%
White and Asian	326	1,148	28.4%
Pakistani	7,935	28,451	27.9%
Declined to provide ethnicity status	867	3,267	26.5%
Caribbean	1,505	5,693	26.4%
Any other Asian background	1,648	6,628	24.9%
White and Black Caribbean	424	2,002	21.2%
Any other Mixed or Multiple ethnic background	524	2,482	21.1%
Arab	453	2,188	20.7%
Any other ethnic group	1,631	8,200	19.9%
African	3,501	18,008	19.4%
Any other White background	3,203	16,515	19.4%
White and Black African	393	2,029	19.4%
Gypsy or Irish Traveller	24	127	18.9%
Any other Black, African or Caribbean background	727	4,230	17.2%
No record of ethnicity status	7,213	48,320	14.9%
Roma	1	9	11.1%
Grand Total			32.7%



Actions:

- Surestart Centres have flu displays in buildings, promoting flu to eligible citizens
- Flu banners at main Covid vaccination sites and GP Practices promoting uptake
- Comms shared with inclusion groups and residents. Info in different languages and posters used
- Targeted 2-3 year old flu mop-up clinics as this cohort always has one of our lowest uptakes