

OpenSAFELY COVID Vaccine coverage report

OpenSAFELY is a new secure analytics platform for electronic patient records built on behalf of NHS England to deliver urgent academic and operational research during the pandemic.

This is our regular weekly report on COVID-19 vaccination coverage in England using data from 40% of general practices that use TPP electronic health record software. **The data requires careful interpretation and there are a number of caveats. Please read the full detail about our methods and discussion of our earlier results (as of January 13th) in our preprint paper available [here \(https://www.medrxiv.org/content/10.1101/2021.01.25.21250356v2\)](https://www.medrxiv.org/content/10.1101/2021.01.25.21250356v2).**

The full analytical methods behind the latest results in this report are available [here \(https://github.com/opensafely/nhs-covid-vaccination-uptake\)](https://github.com/opensafely/nhs-covid-vaccination-uptake).

Report last updated 23 Mar 2021

Vaccinations included up to 18 Mar 2021 inclusive

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- **Trends in vaccination coverage** according to demographic/clinical features, for:
 - [80+ population](#)
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- **[Current vaccination coverage of each eligible population group, according to demographic/clinical features](#)**
 - Includes each of the groups above, plus care home (65+) and LD (aged 16-64) populations.
- Appendix: [Proportion of each population group for whom ethnicity is known](#)

Overview of Vaccination Figures to date

As at 18 Mar 2021:

Total population vaccinated in TPP: 8,906,884

80+ population vaccinated: 1,073,828 (95.0% of 1,130,682)

70-79 population vaccinated: 1,954,512 (94.4% of 2,069,893)

care home population vaccinated: 78,540 (94.1% of 83,454)

shielding (aged 16-69) population vaccinated: 679,210 (82.9% of 819,168)

65-69 population vaccinated: 964,432 (89.9% of 1,073,352)

LD (aged 16-64) population vaccinated: 56,182 (69.7% of 80,619)

60-64 population vaccinated: 1,022,539 (80.0% of 1,277,766)

under 60s, not in other eligible groups shown population vaccinated: 3,077,648

Vaccine types and second doses:

Second doses (% of all vaccinated): 521,724 (5.9%)

Oxford-AZ vaccines (% of all first doses): 5,164,845 (58.0%)

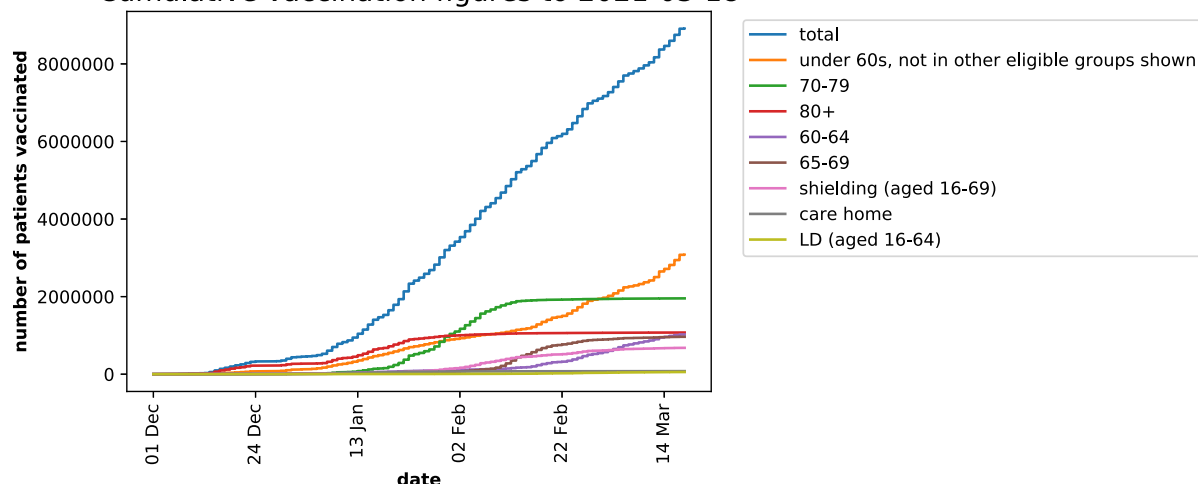
NB Patient counts are rounded to nearest 7

Group definitions

- The **care home** group is defined based on patients having one of [these codes](https://codelists.opensafely.org/codelist/primis-covid19-vacc-uptake/longres/v1/) (<https://codelists.opensafely.org/codelist/primis-covid19-vacc-uptake/longres/v1/>).
- The **shielding** group is defined based on patients having one of [these codes](https://codelists.opensafely.org/codelist/primis-covid19-vacc-uptake/shield/v1/) (<https://codelists.opensafely.org/codelist/primis-covid19-vacc-uptake/shield/v1/>) provided it was not superceded by one of [these codes](https://codelists.opensafely.org/codelist/primis-covid19-vacc-uptake/nonshield/v1/) (<https://codelists.opensafely.org/codelist/primis-covid19-vacc-uptake/nonshield/v1/>).
- The **LD** (learning disability) group is defined based on [this](https://codelists.opensafely.org/codelist/primis-covid19-vacc-uptake/learnedis/v1/) (<https://codelists.opensafely.org/codelist/primis-covid19-vacc-uptake/learnedis/v1/>) codelist and excludes people who are shielding.
- Patients are counted in their highest risk category only; e.g. a 65-year-old who is shielding is only counted in the shielding group, not in the 65-69 population

Summary Chart

Cumulative vaccination figures to 2021-03-18



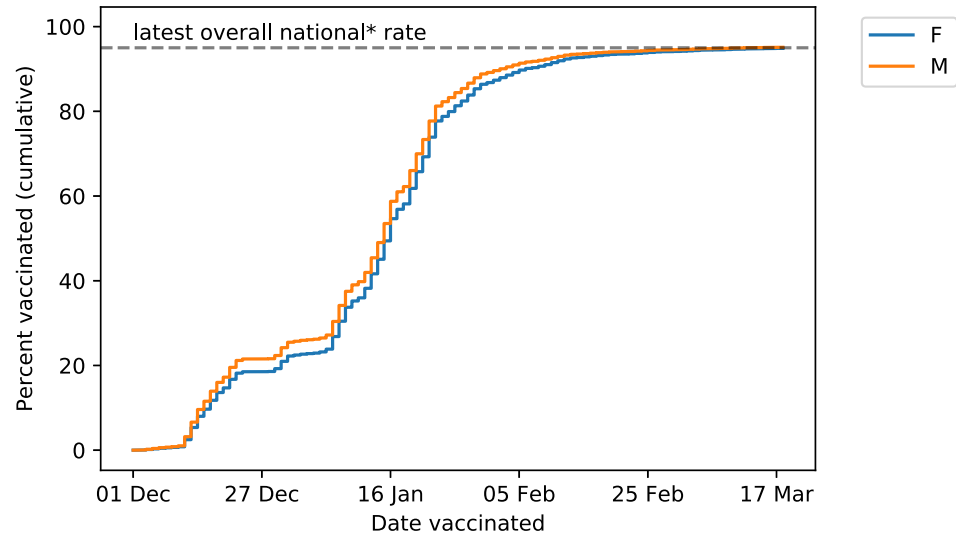
Trends in vaccination rates of 80+ population according to demographic/clinical features, cumulatively by day.

***National rate calculated as at latest date for vaccinations recorded across all TPP practices.**

80+ population

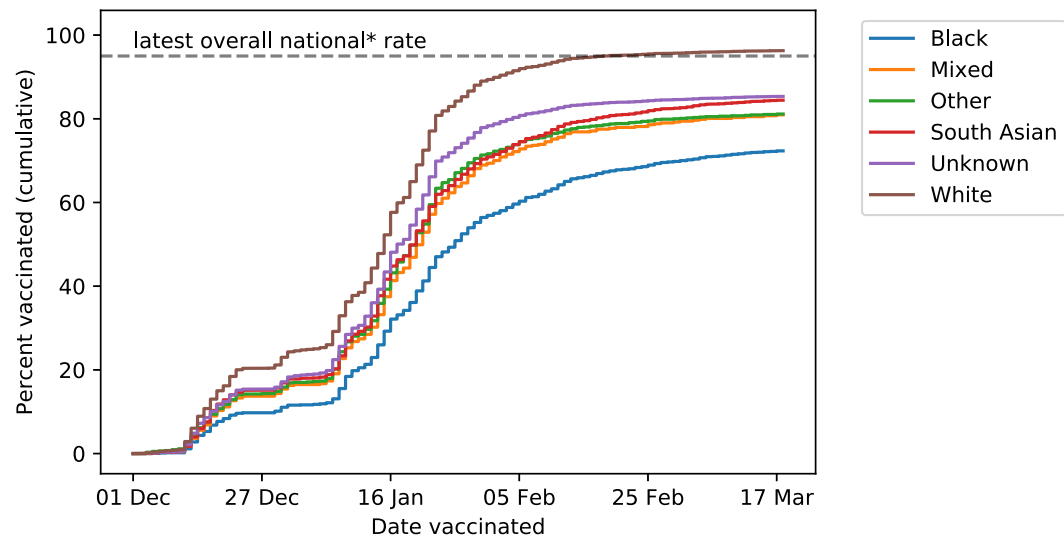
COVID vaccinations among 80+ population

by Sex



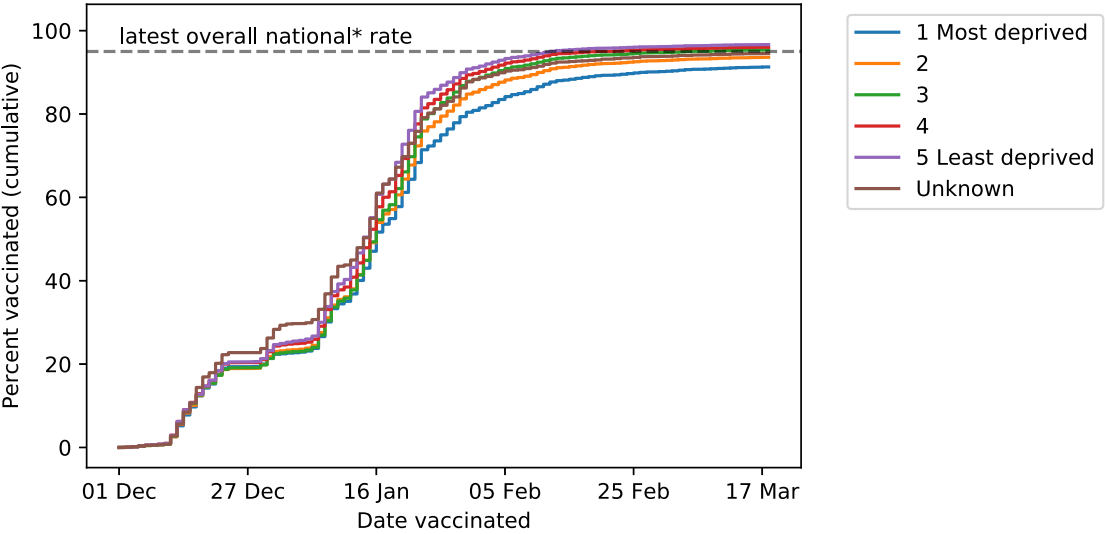
COVID vaccinations among 80+ population

by Ethnicity (broad categories)



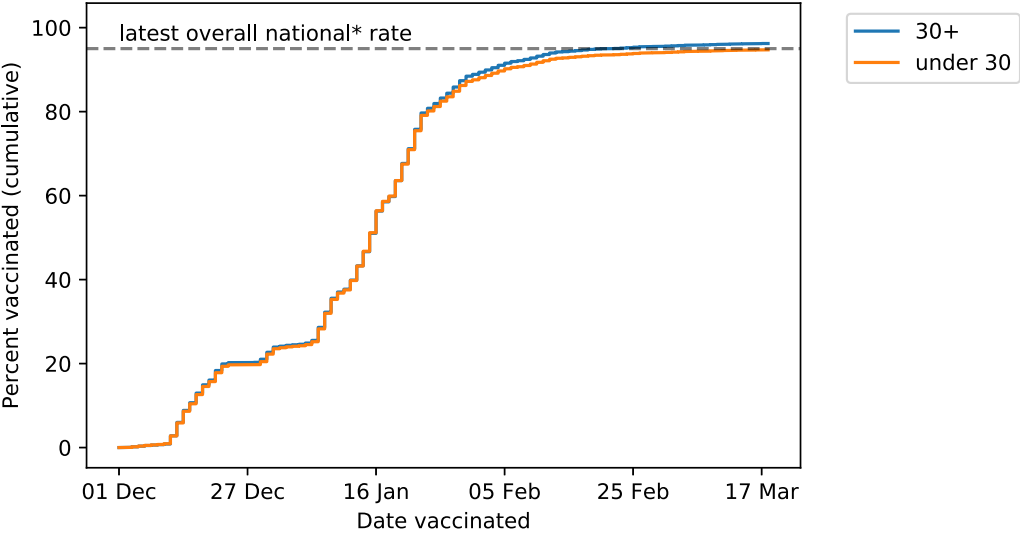
COVID vaccinations among 80+ population

by Index of Multiple Deprivation (quintiles)



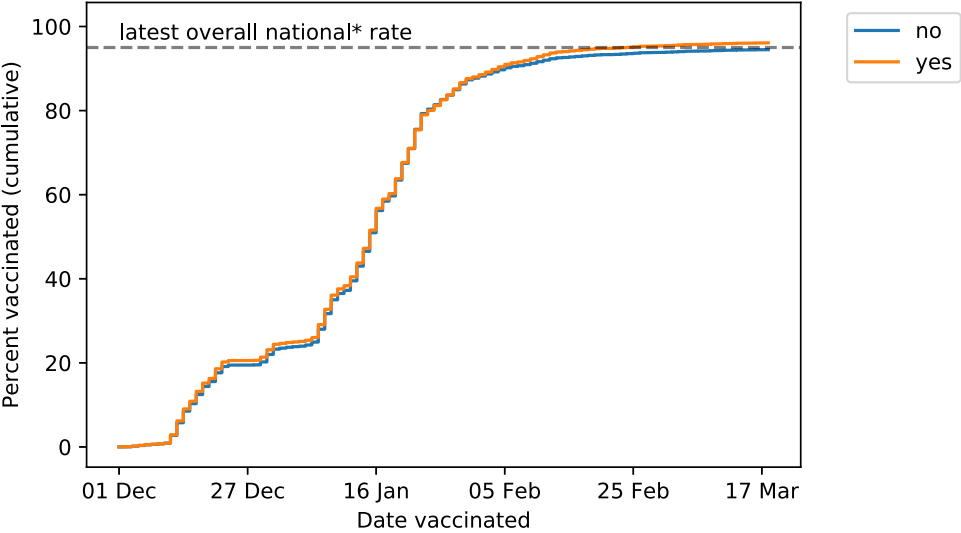
COVID vaccinations among 80+ population

by BMI



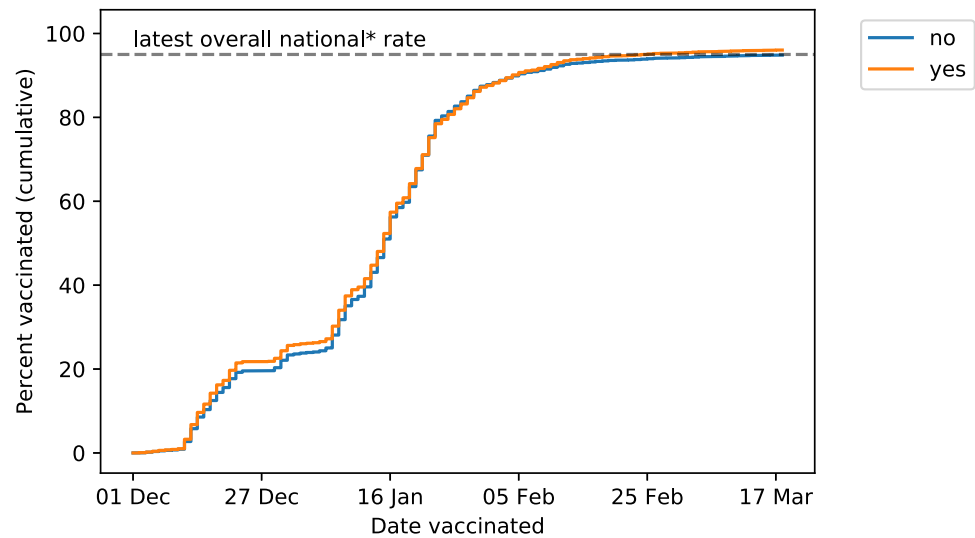
COVID vaccinations among 80+ population

by Chronic cardiac disease



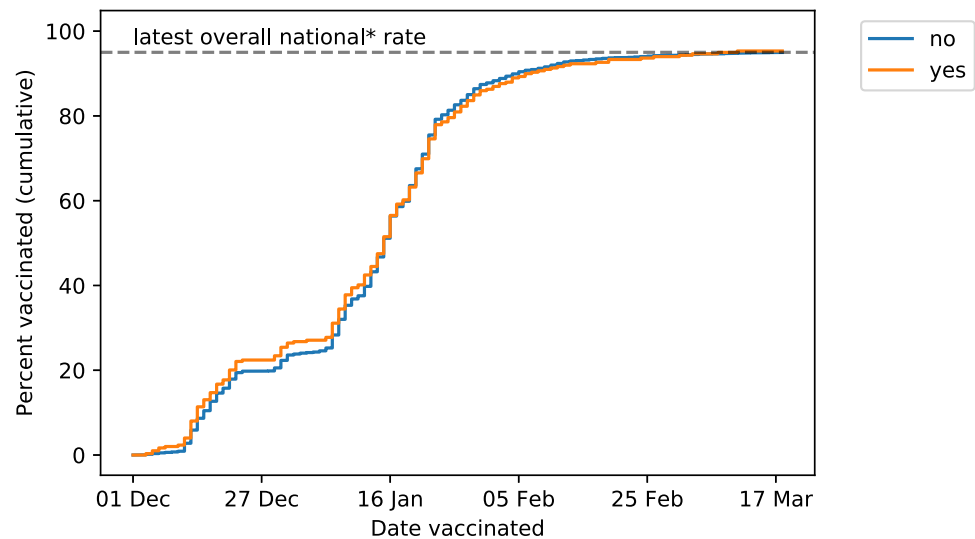
COVID vaccinations among 80+ population

by Current COPD



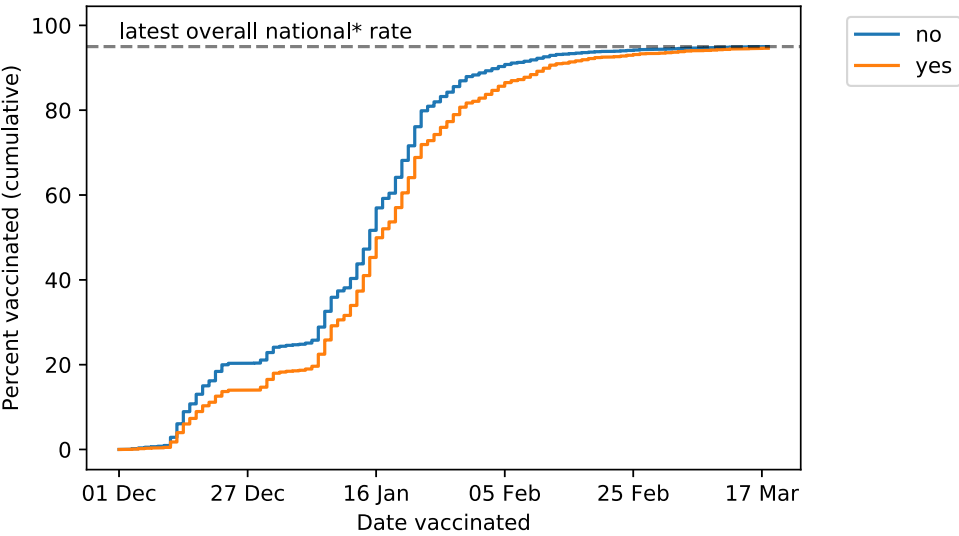
COVID vaccinations among 80+ population

by Dialysis



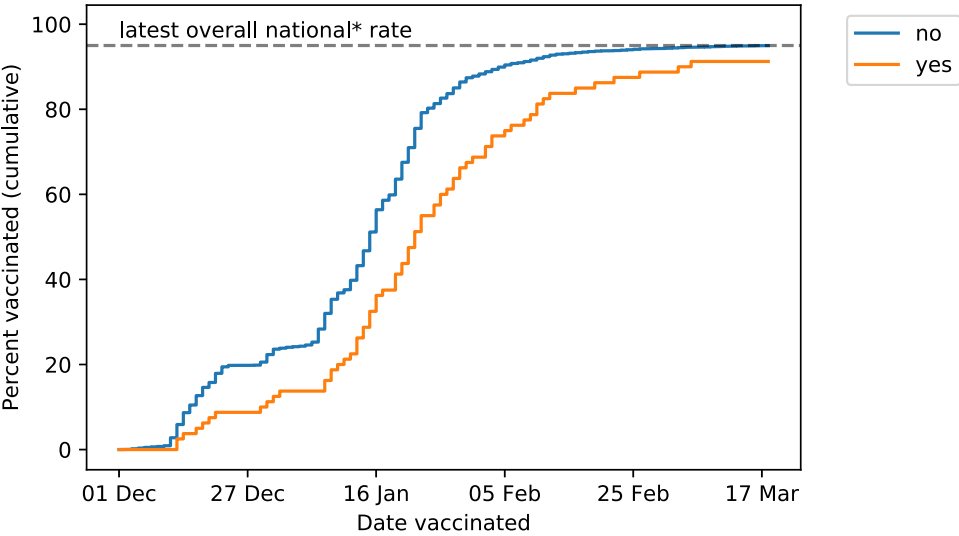
COVID vaccinations among 80+ population

by Dementia



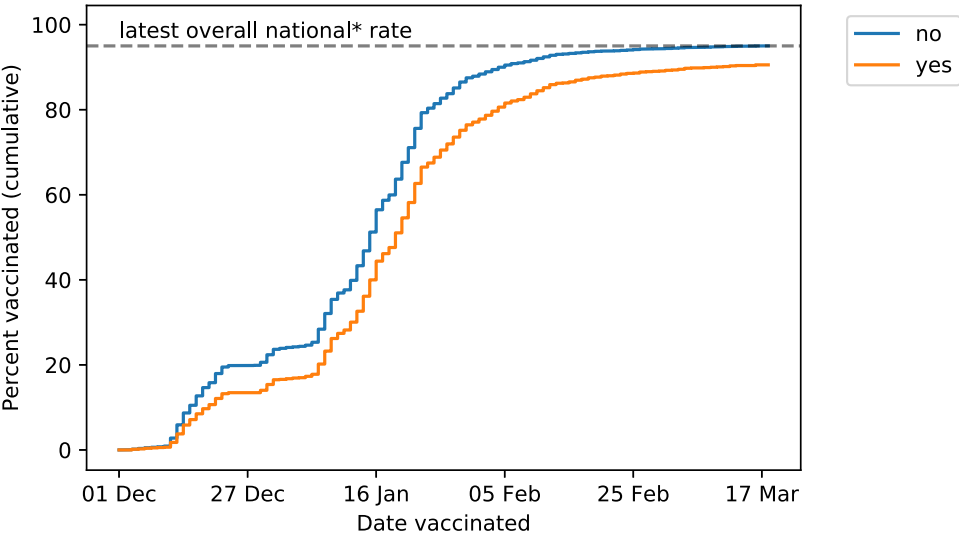
COVID vaccinations among 80+ population

by Learning disability



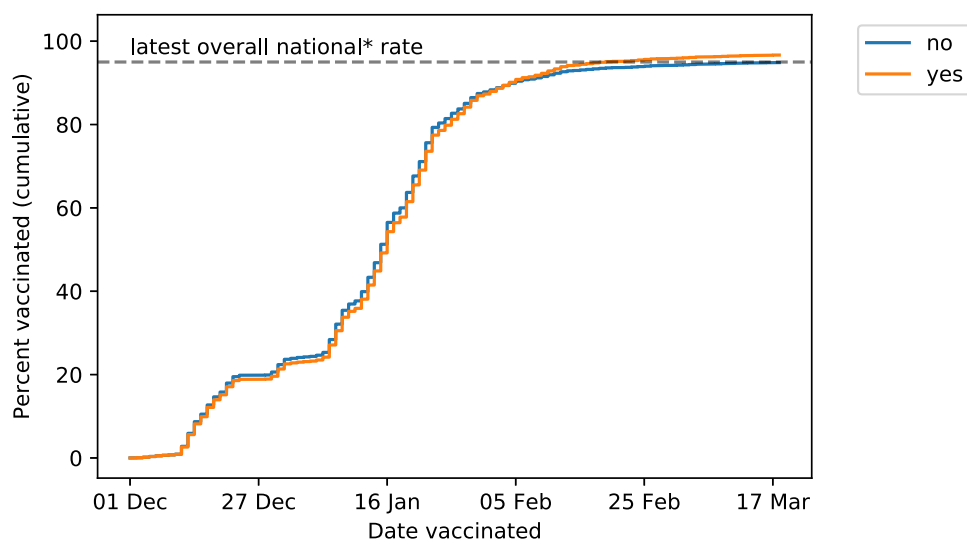
COVID vaccinations among 80+ population

by Psychosis, schizophrenia, or bipolar



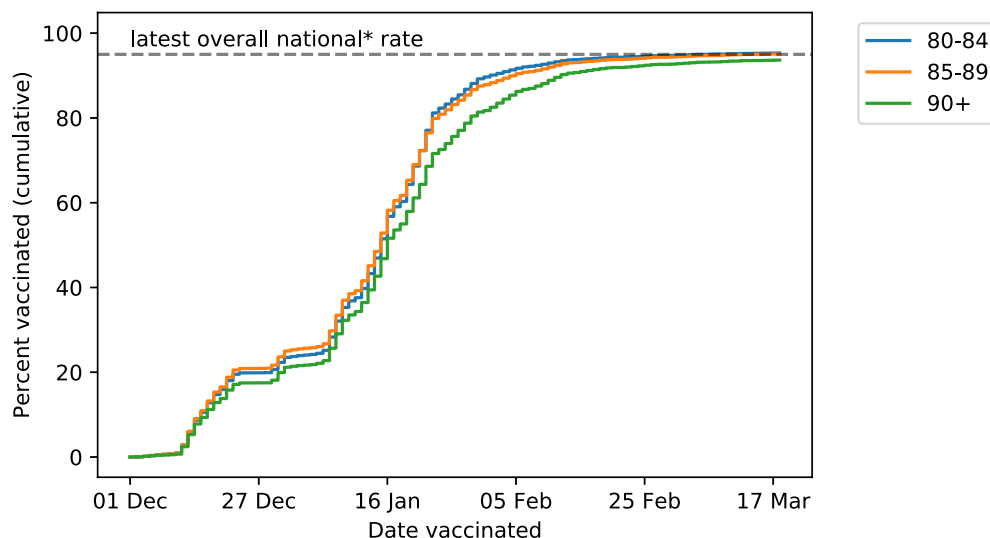
COVID vaccinations among 80+ population

by SSRI (last 12 months)



COVID vaccinations among 80+ population

by Age band 5yr



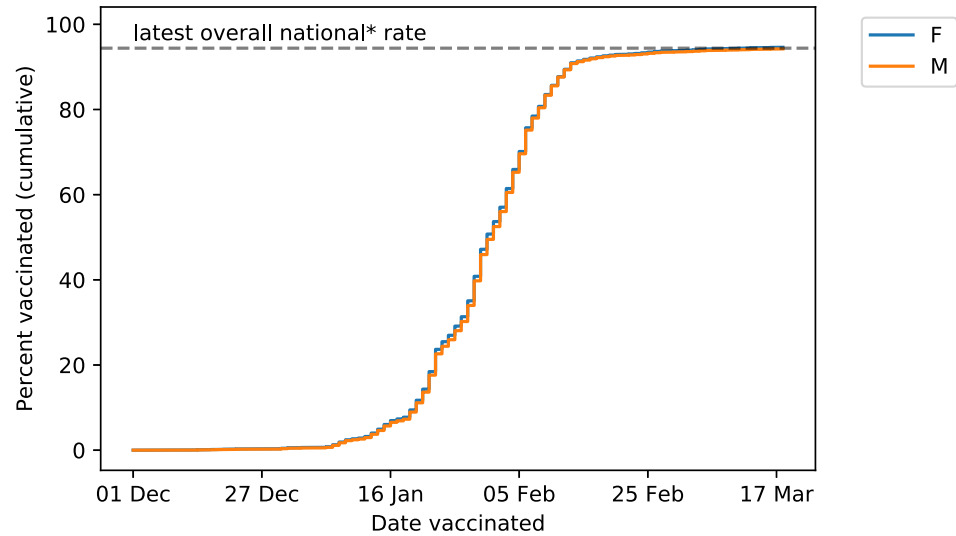
Trends in vaccination rates of 70-79 population according to demographic/clinical features, cumulatively by day.

*National rate calculated as at latest date for vaccinations recorded across all TPP practices.

70-79 population

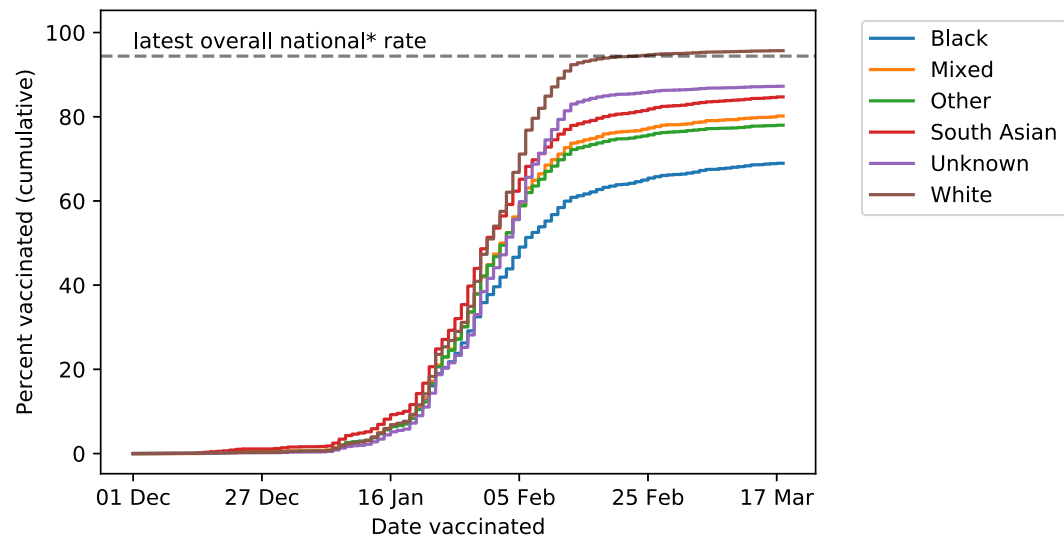
COVID vaccinations among 70-79 population

by Sex



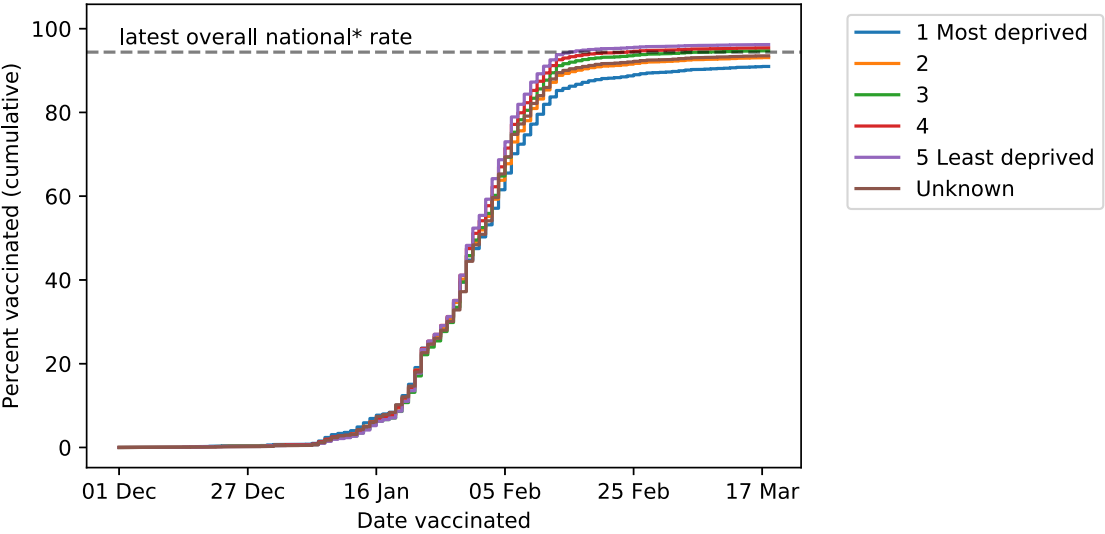
COVID vaccinations among 70-79 population

by Ethnicity (broad categories)



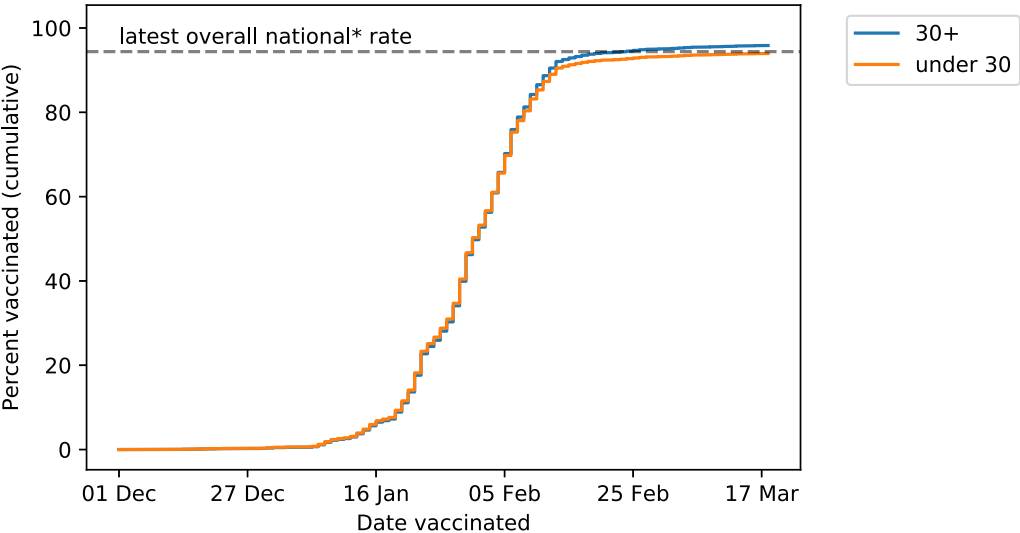
COVID vaccinations among 70-79 population

by Index of Multiple Deprivation (quintiles)



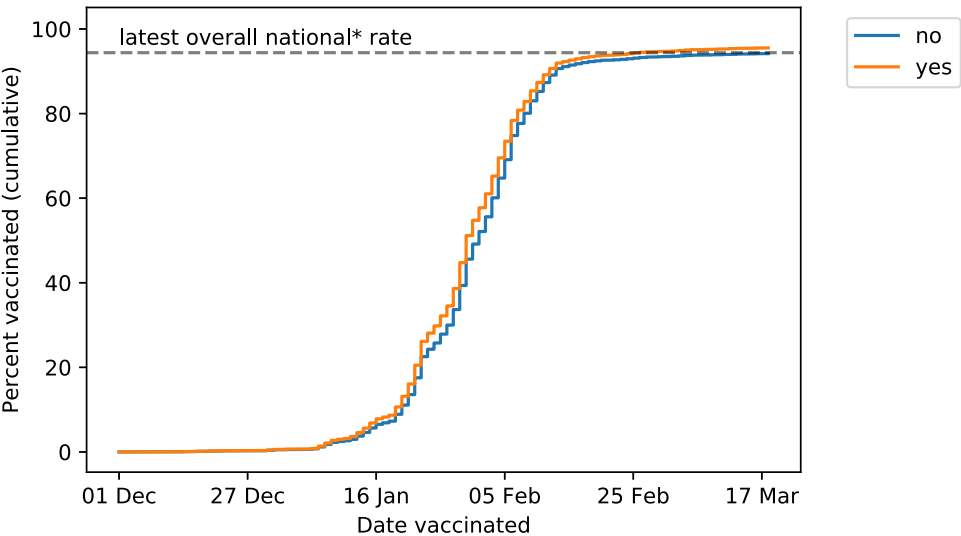
COVID vaccinations among 70-79 population

by BMI



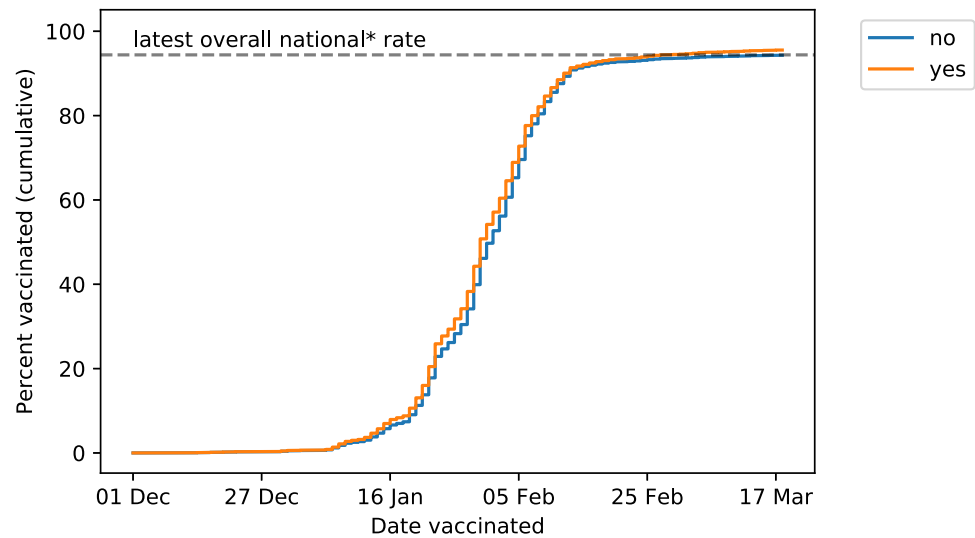
COVID vaccinations among 70-79 population

by Chronic cardiac disease



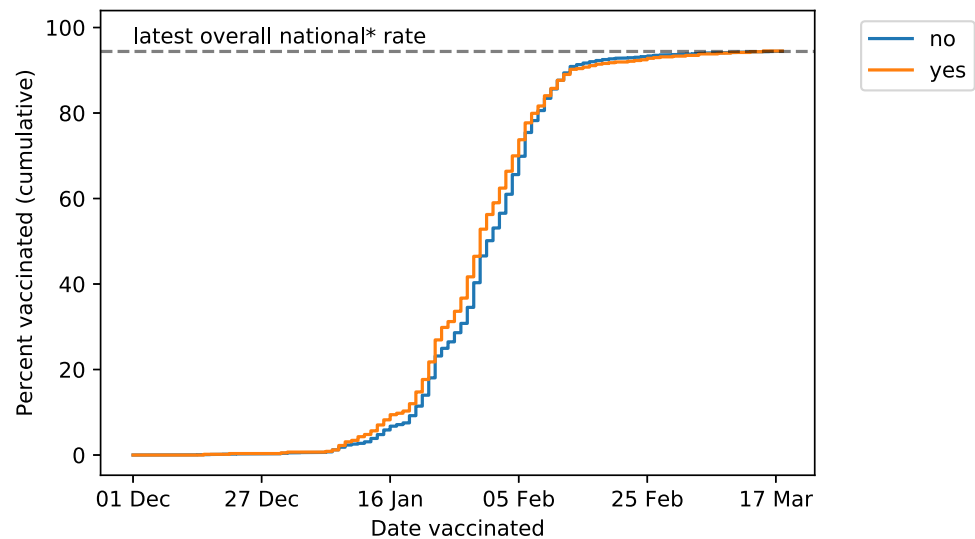
COVID vaccinations among 70-79 population

by Current COPD



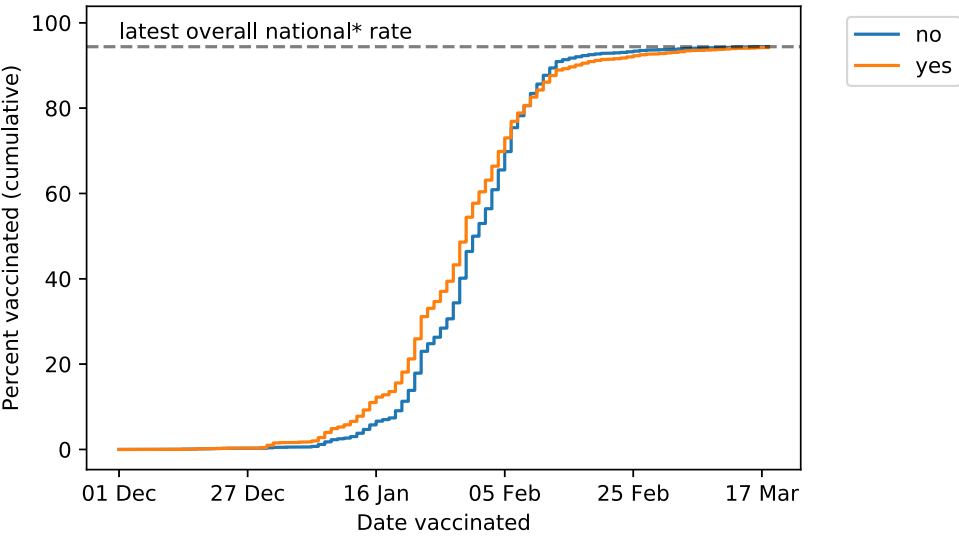
COVID vaccinations among 70-79 population

by Dialysis



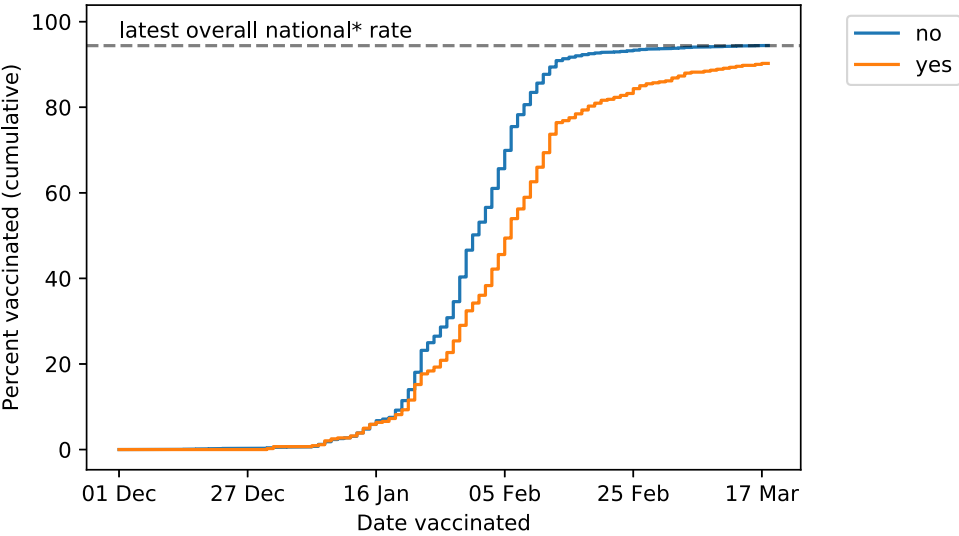
COVID vaccinations among 70-79 population

by Dementia



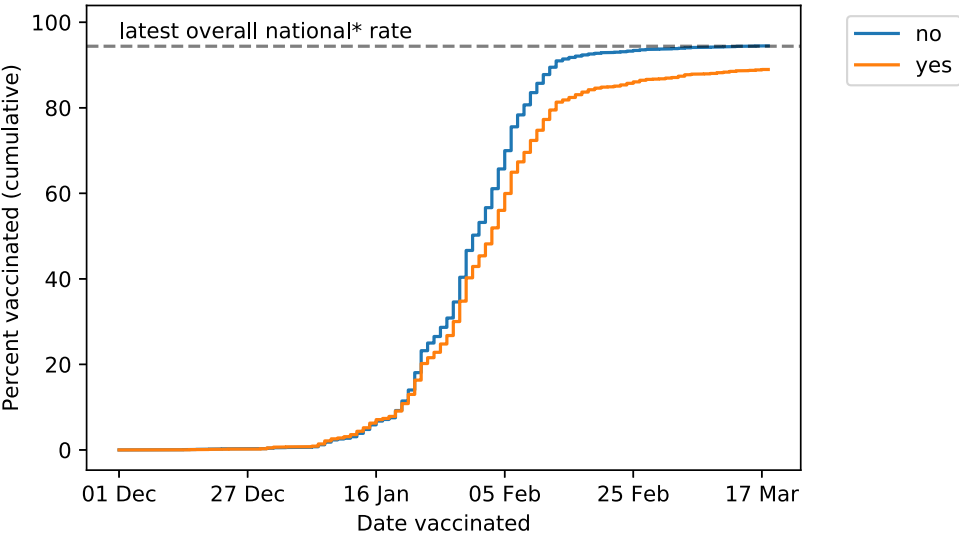
COVID vaccinations among 70-79 population

by Learning disability



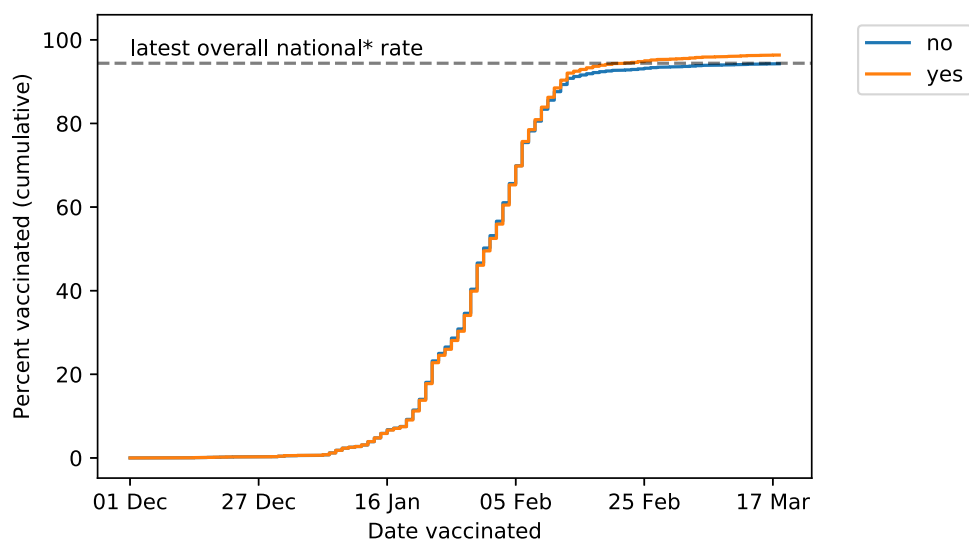
COVID vaccinations among 70-79 population

by Psychosis, schizophrenia, or bipolar



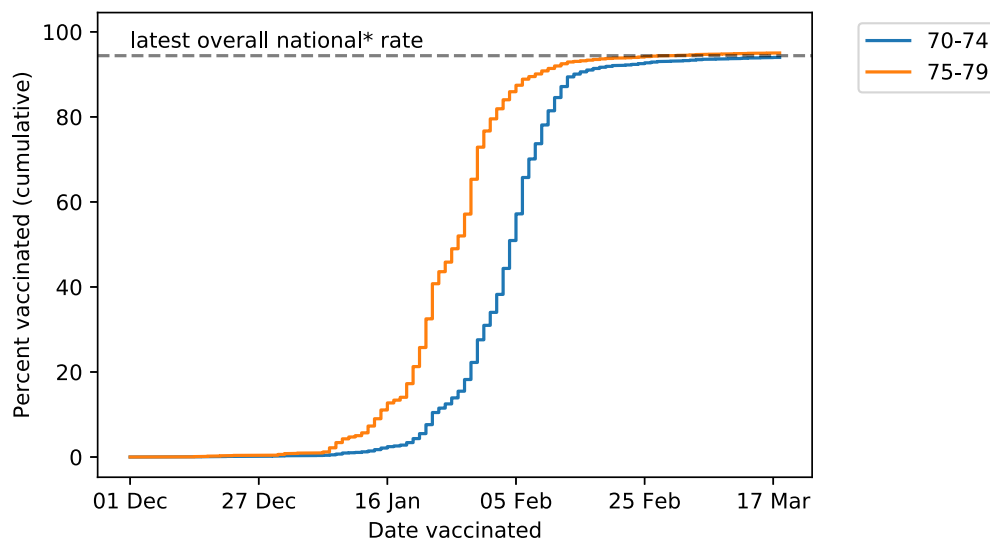
COVID vaccinations among 70-79 population

by SSRI (last 12 months)



COVID vaccinations among 70-79 population

by Age band 5yr



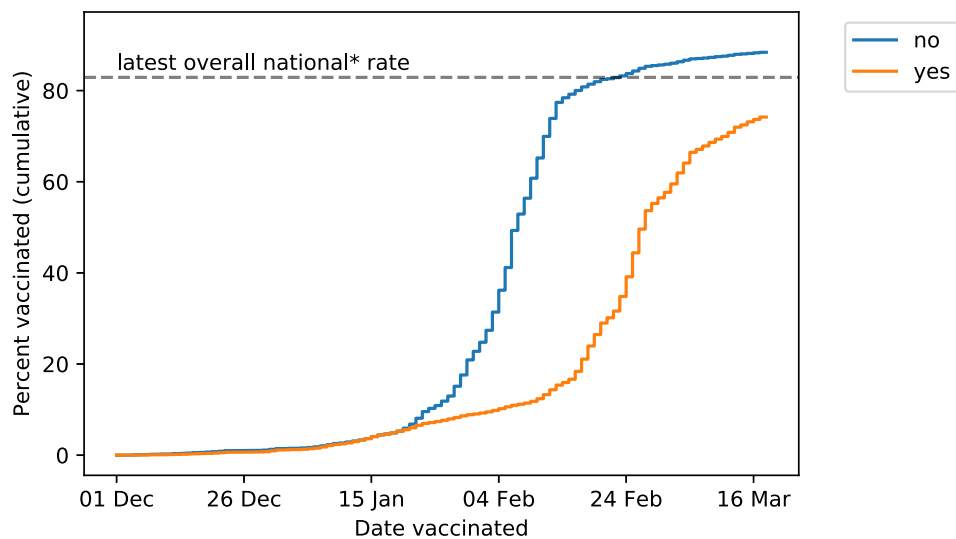
Trends in vaccination rates of shielding population according to demographic/clinical features, cumulatively by day.

*National rate calculated as at latest date for vaccinations recorded across all TPP practices.

Shielding population (aged 16-69)

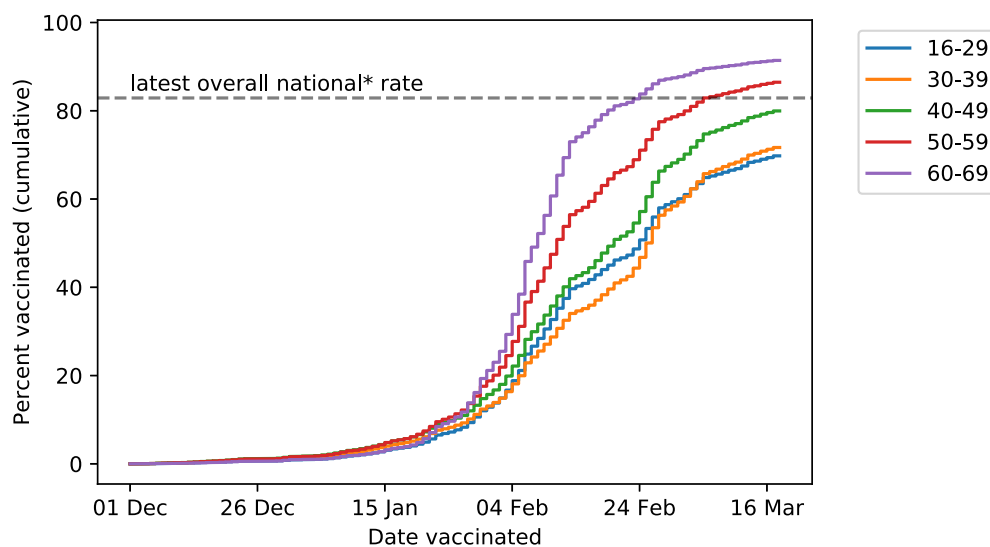
COVID vaccinations among shielding (aged 16-69) population

by newly shielded since feb 15



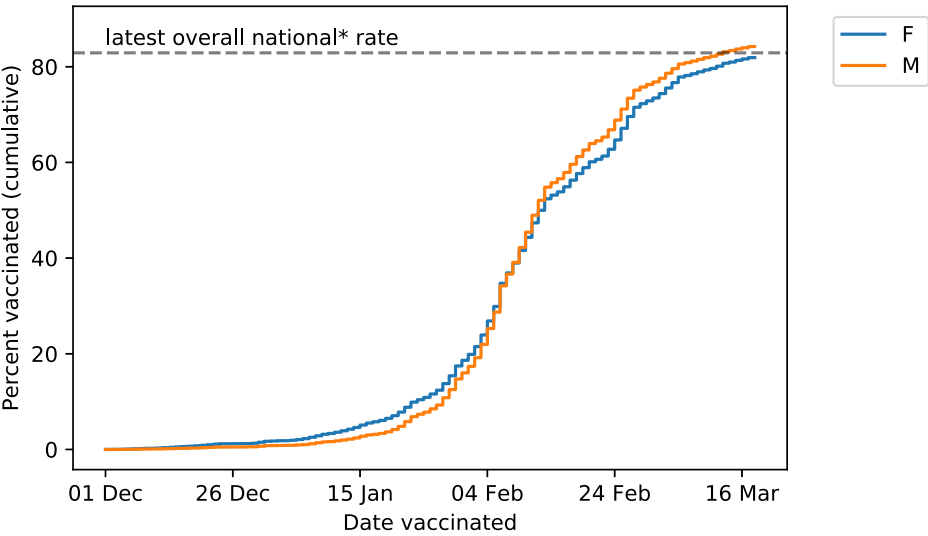
COVID vaccinations among shielding (aged 16-69) population

by Age band



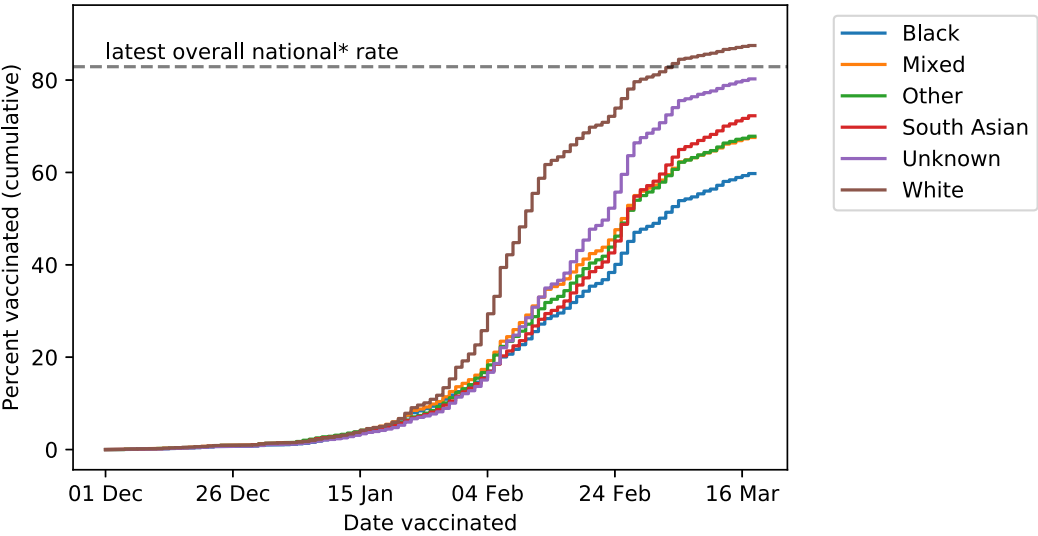
COVID vaccinations among shielding (aged 16-69) population

by Sex



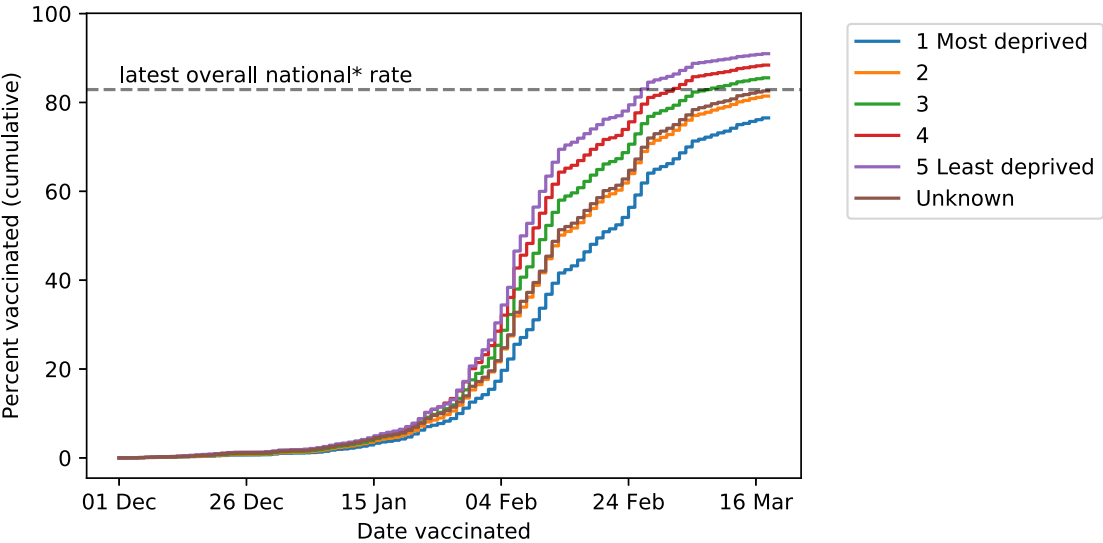
COVID vaccinations among shielding (aged 16-69) population

by Ethnicity (broad categories)



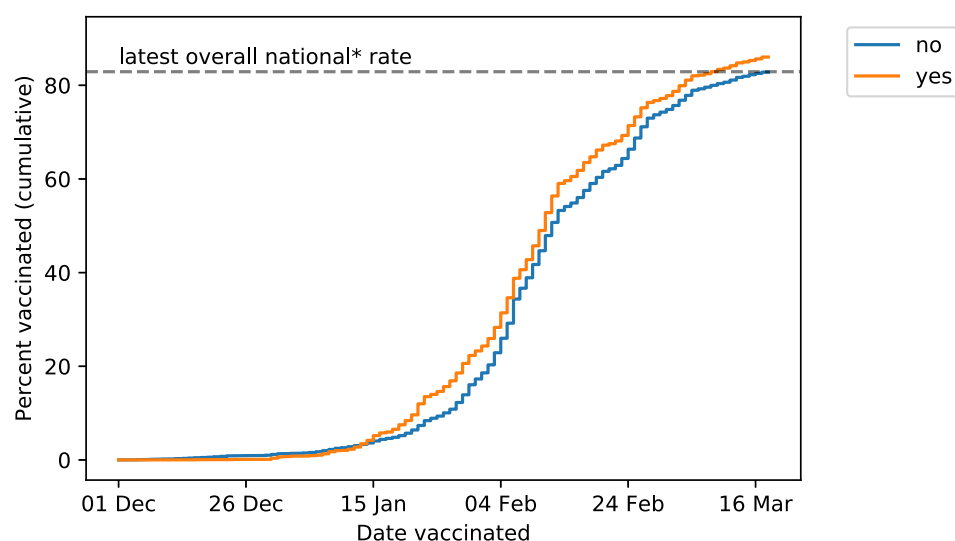
COVID vaccinations among shielding (aged 16-69) population

by Index of Multiple Deprivation (quintiles)



COVID vaccinations among shielding (aged 16-69) population

by Learning disability



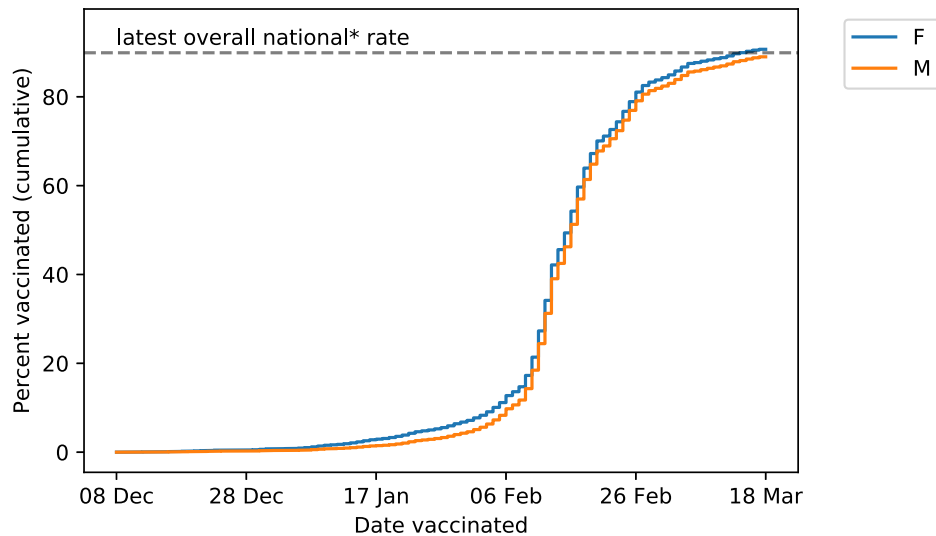
Trends in vaccination rates of 65-69 population according to demographic/clinical features, cumulatively by day.

*National rate calculated as at latest date for vaccinations recorded across all TPP practices.

65-69 population

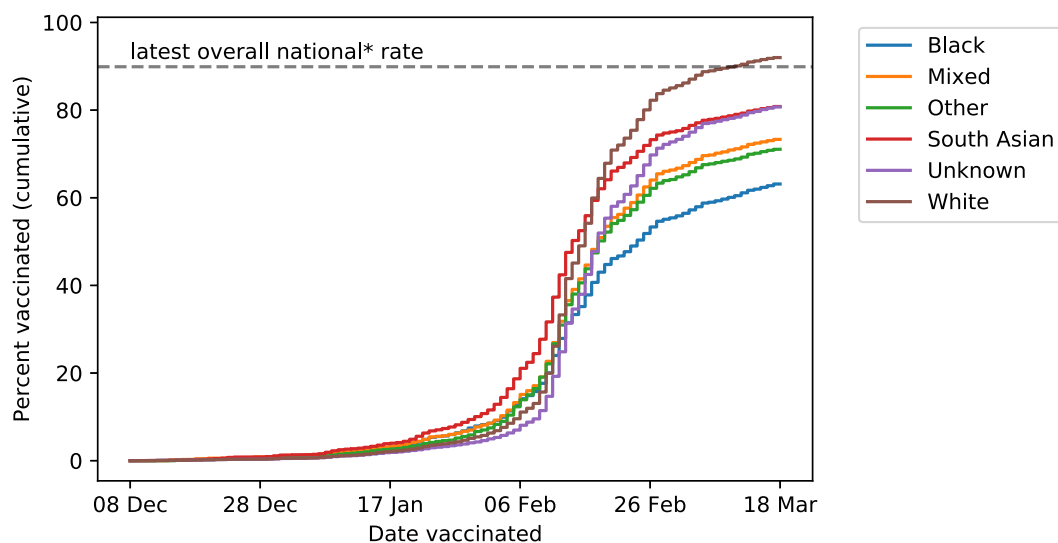
COVID vaccinations among 65-69 population

by Sex



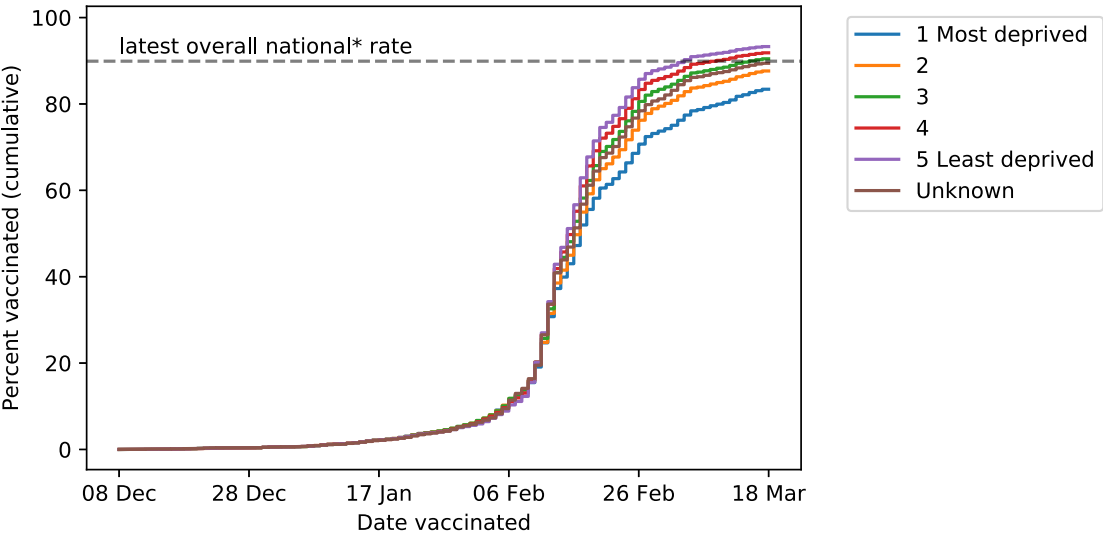
COVID vaccinations among 65-69 population

by Ethnicity (broad categories)



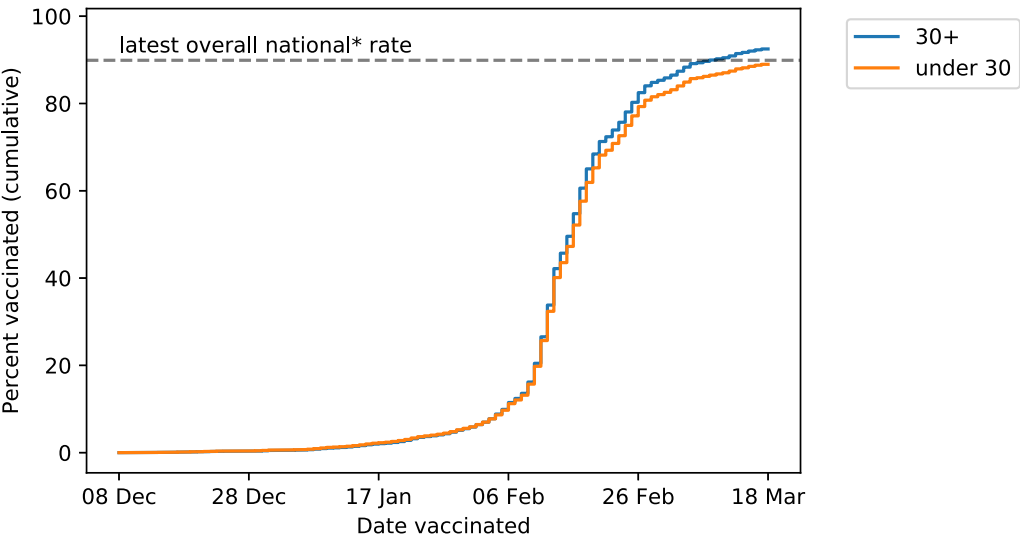
COVID vaccinations among 65-69 population

by Index of Multiple Deprivation (quintiles)



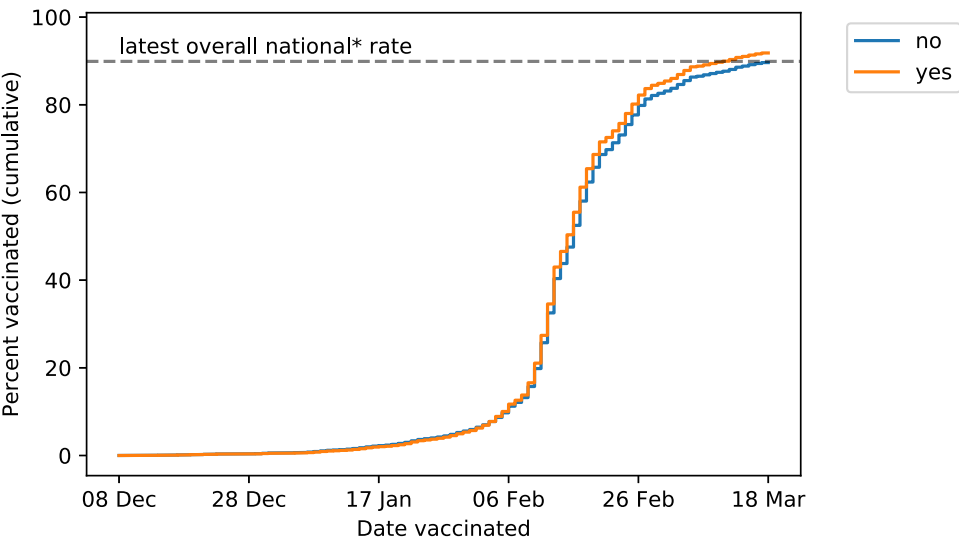
COVID vaccinations among 65-69 population

by BMI



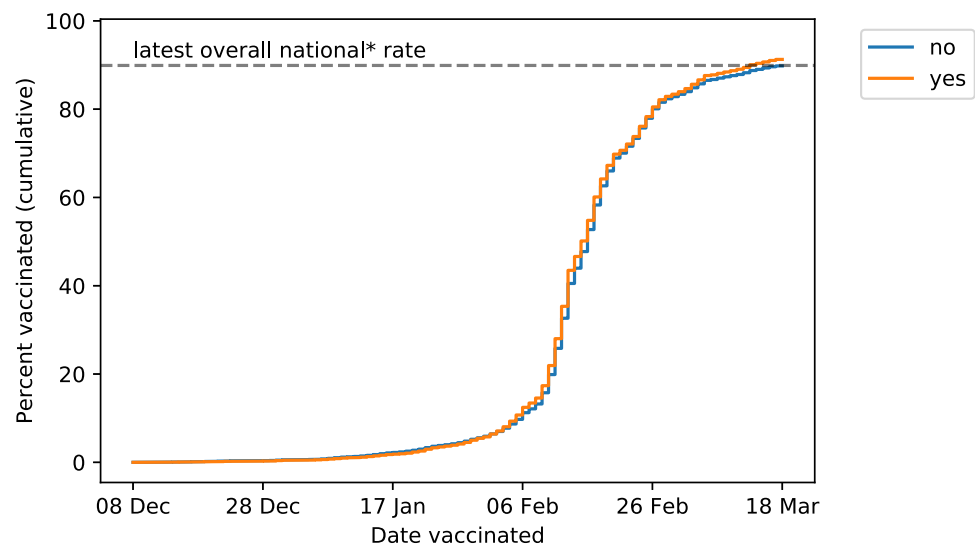
COVID vaccinations among 65-69 population

by Chronic cardiac disease



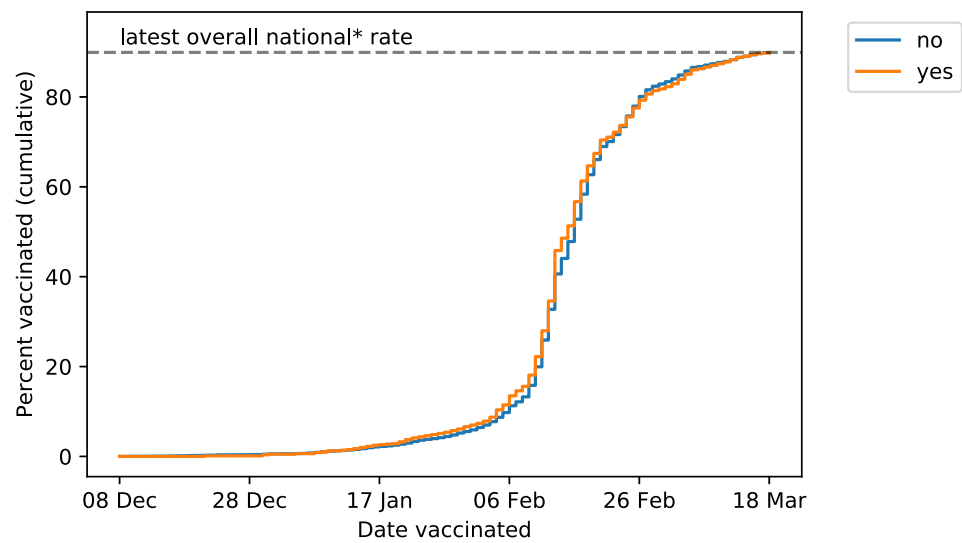
COVID vaccinations among 65-69 population

by Current COPD



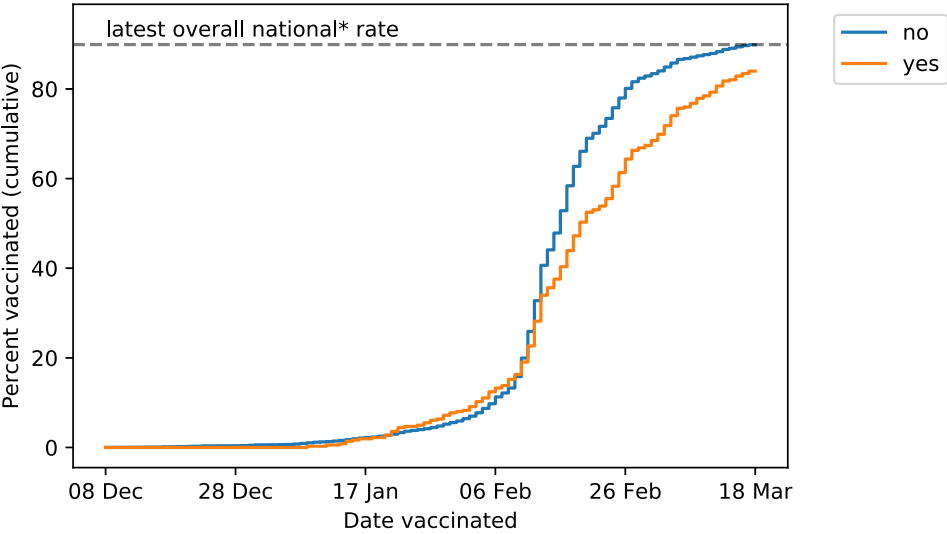
COVID vaccinations among 65-69 population

by Dementia



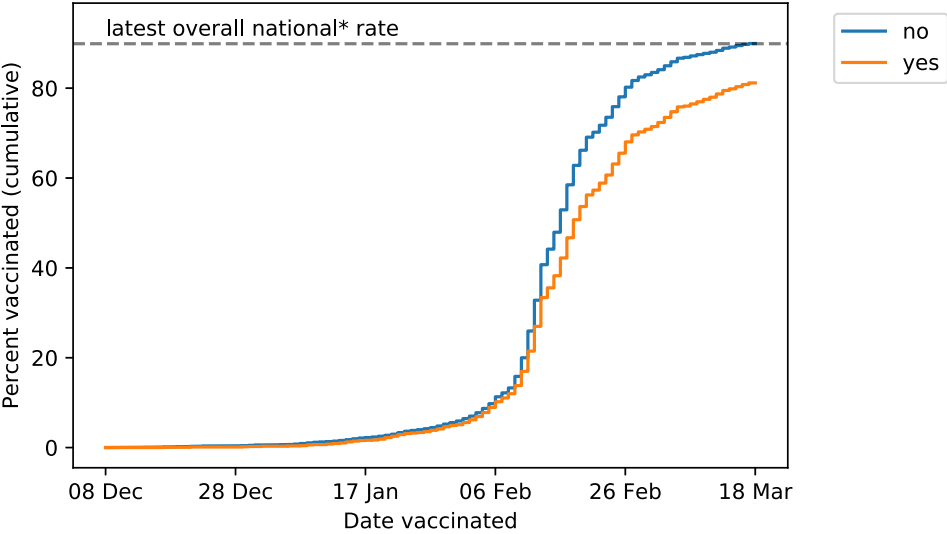
COVID vaccinations among 65-69 population

by Learning disability



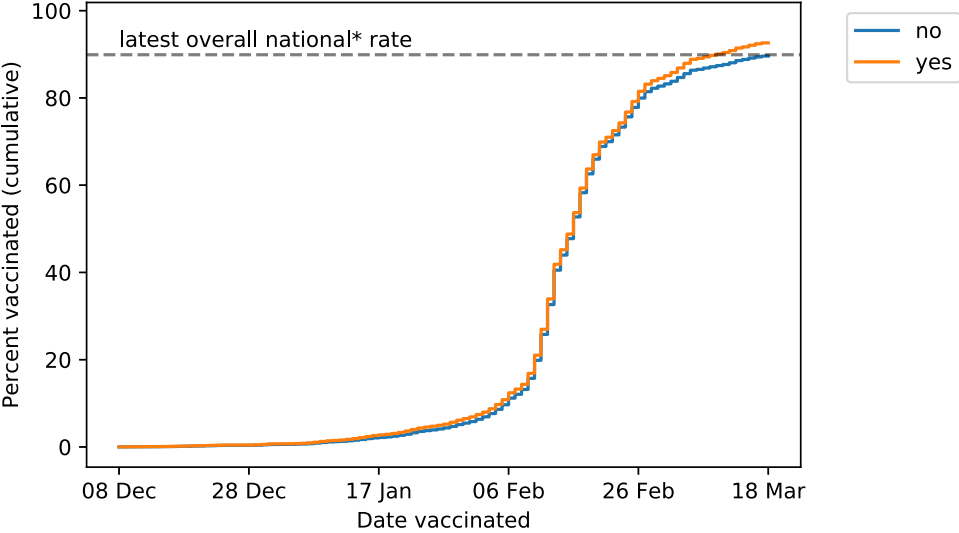
COVID vaccinations among 65-69 population

by Psychosis, schizophrenia, or bipolar



COVID vaccinations among 65-69 population

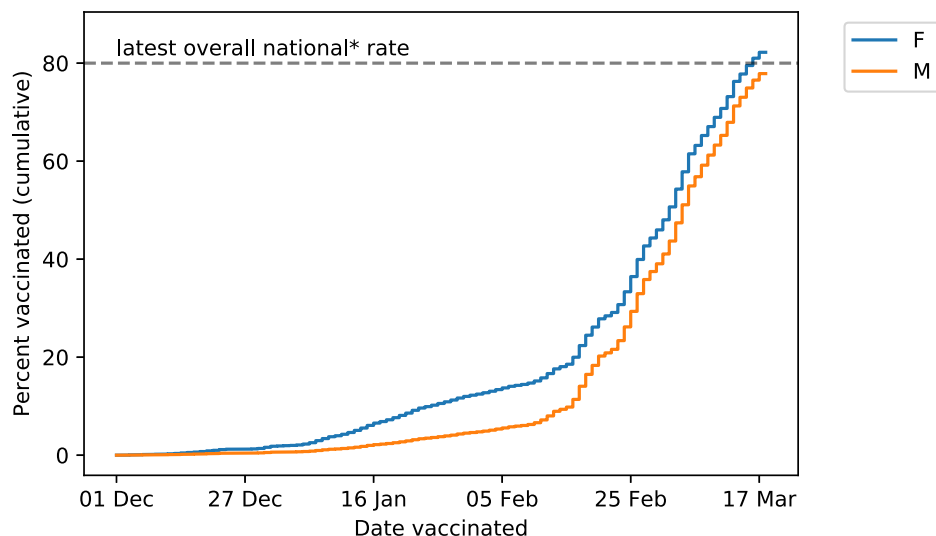
by SSRI (last 12 months)



60-64 population

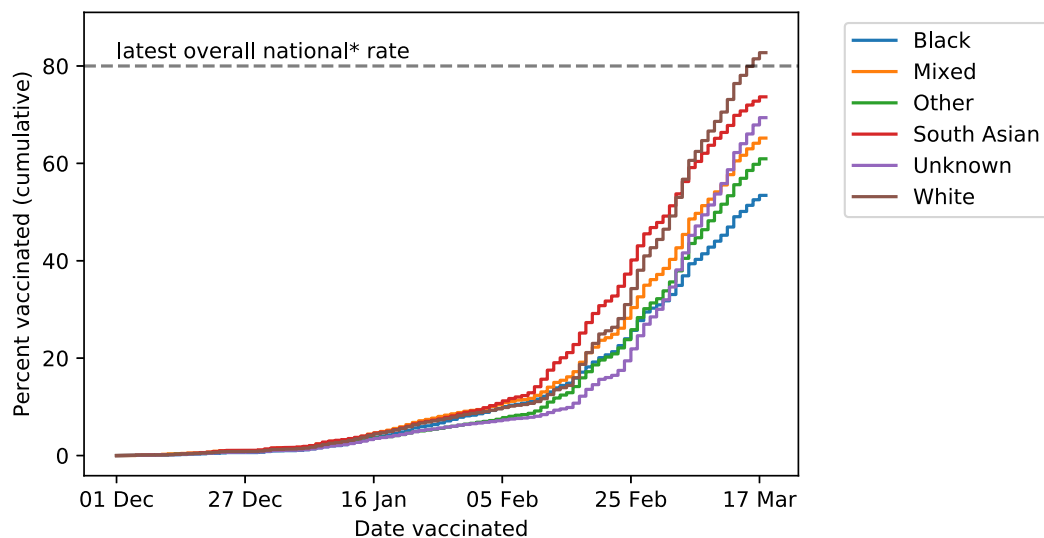
COVID vaccinations among 60-64 population

by Sex



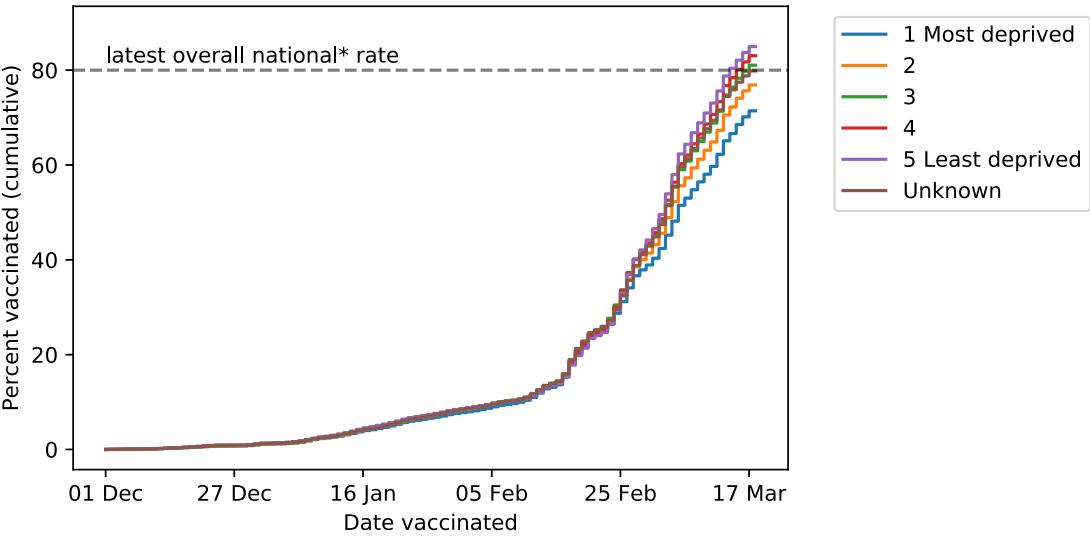
COVID vaccinations among 60-64 population

by Ethnicity (broad categories)



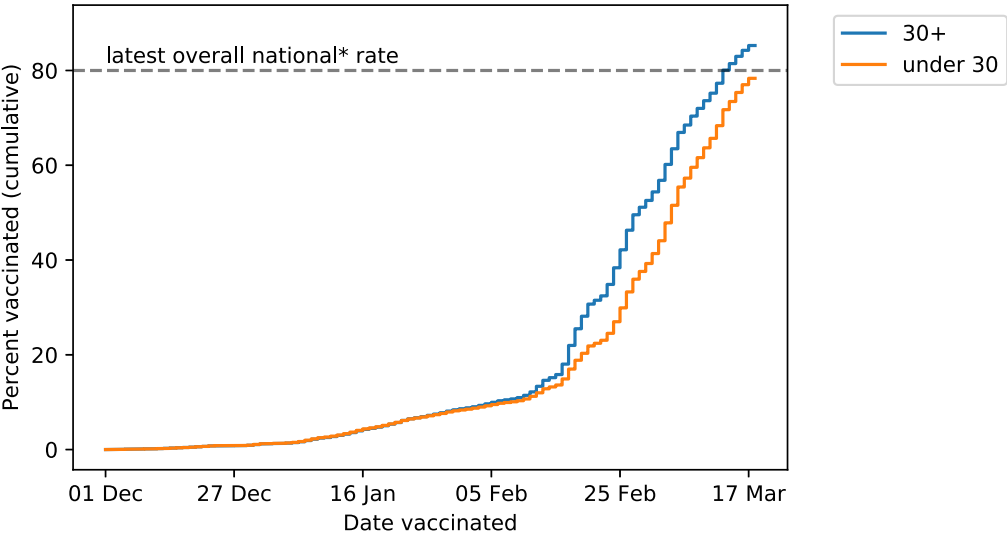
COVID vaccinations among 60-64 population

by Index of Multiple Deprivation (quintiles)



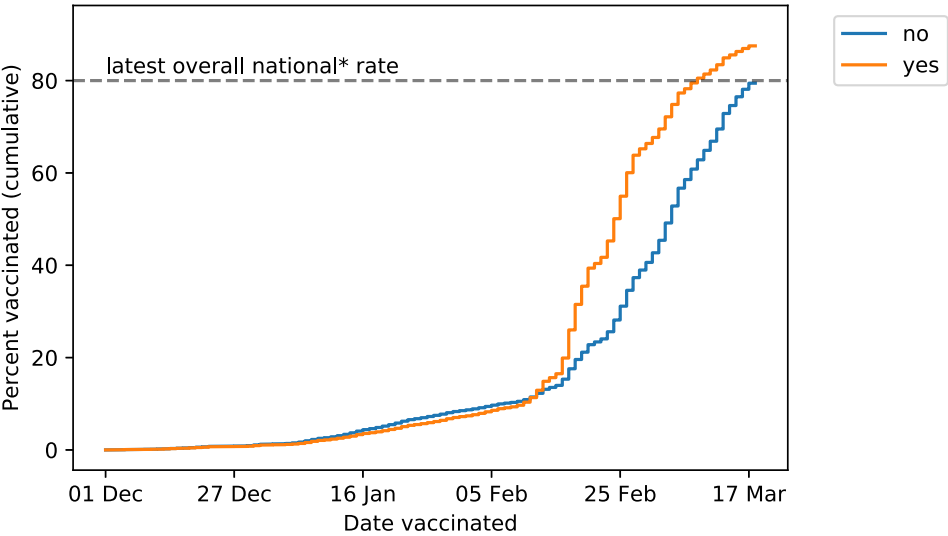
COVID vaccinations among 60-64 population

by BMI



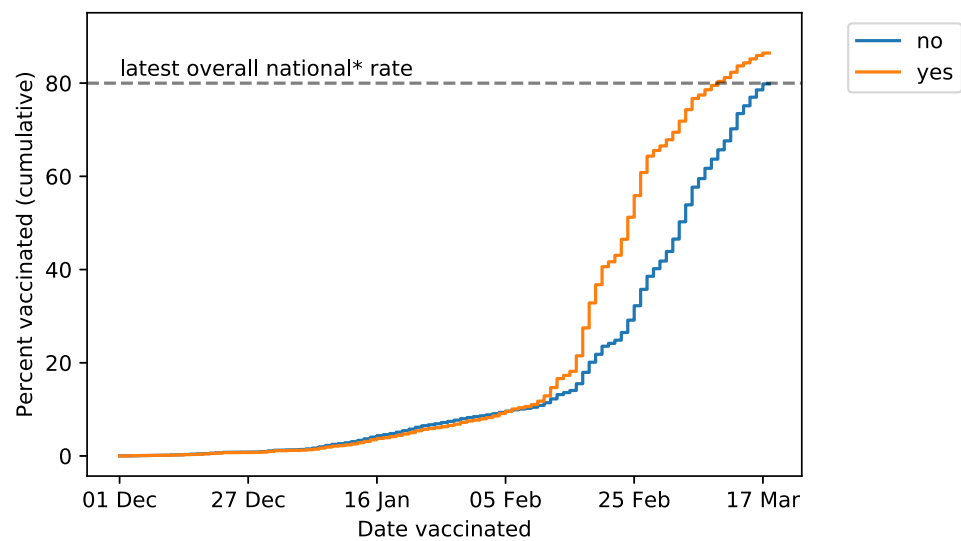
COVID vaccinations among 60-64 population

by Chronic cardiac disease



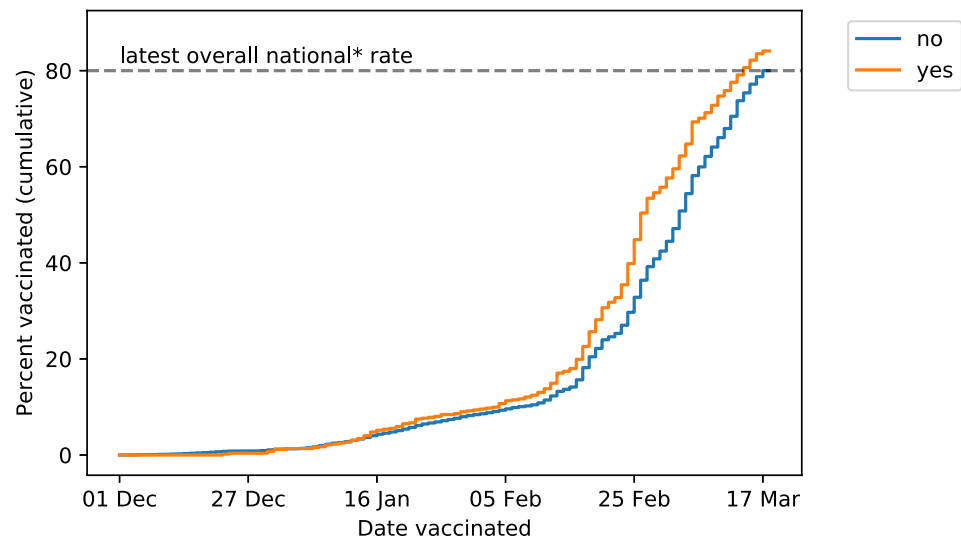
COVID vaccinations among 60-64 population

by Current COPD



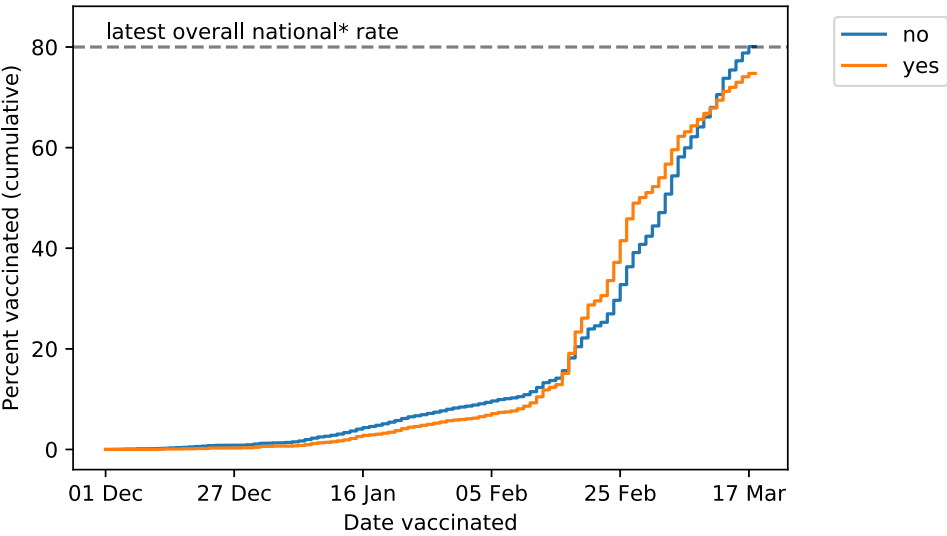
COVID vaccinations among 60-64 population

by Dementia



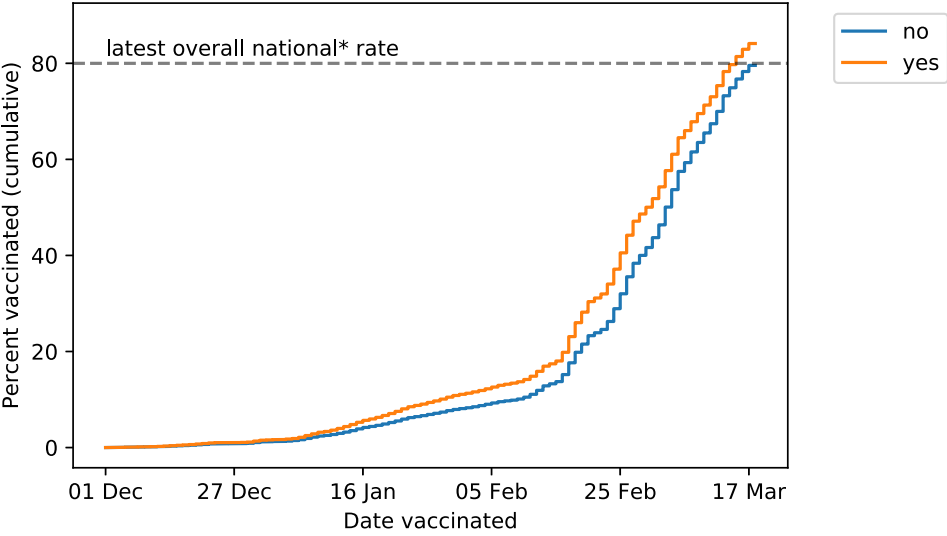
COVID vaccinations among 60-64 population

by Psychosis, schizophrenia, or bipolar



COVID vaccinations among 60-64 population

by SSRI (last 12 months)



Vaccination rates of each eligible population group, according to demographic/clinical features

Cumulative vaccination figures among 80+ population

Please refer to footnotes below table for information.

		Vaccinated at 18 Mar (n)	Vaccinated at 18 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Category	Group					
overall	overall	1073825	95.0	1130682	94.8	0.2
Sex	F	621621	94.9	655270	94.7	0.2
	M	452193	95.1	475405	95.0	0.1
Age band	80-84	563843	95.3	591500	95.2	0.1
	85-89	335979	95.1	353346	94.9	0.2
	90+	173999	93.6	185822	93.4	0.2
Ethnicity (broad categories)	Black	8050	72.3	11130	71.6	0.7
	Mixed	2646	80.9	3269	80.3	0.6
	Other	5509	81.1	6790	80.7	0.4
	South Asian	24192	84.4	28651	83.9	0.5
	Unknown	56070	85.3	65695	85.1	0.2
	White	977361	96.3	1015140	96.1	0.2
ethnicity 16 groups	African	1337	63.2	2114	62.6	0.6
	Bangladeshi or British Bangladeshi	1036	78.3	1323	77.2	1.1
	Caribbean	5775	75.3	7665	74.5	0.8
	Chinese	1337	78.3	1708	78.3	0.0
	Other	4165	82.0	5082	81.7	0.3
	Other Asian	3605	81.4	4431	81.0	0.4
	British or Mixed British	928578	96.6	961604	96.4	0.2
	Indian or British Indian	13545	89.8	15085	89.5	0.3
	Irish	9128	93.7	9737	93.5	0.2
	Other Black	938	69.4	1351	69.4	0.0
	Other White	39613	90.5	43750	90.4	0.1
	Other mixed	973	84.8	1148	84.8	0.0
	Pakistani or British Pakistani	6013	76.9	7819	75.8	1.1
	Unknown	56105	85.4	65723	85.2	0.2
	White + Asian	469	85.9	546	85.9	0.0
	White + Black African	252	67.9	371	67.9	0.0
	White + Black Caribbean	952	78.2	1218	77.0	1.2
Index of Multiple Deprivation (quintiles)	1 Most deprived	134064	91.3	146860	91.0	0.3
	2	177457	93.6	189581	93.4	0.2
	3	240394	95.4	252077	95.2	0.2
	4	250173	96.0	260575	95.9	0.1
	5 Least deprived	252889	96.7	261639	96.5	0.2
	Unknown	18844	94.5	19936	94.3	0.2
BMI	30+	189189	96.2	196630	96.0	0.2
	under 30	884632	94.7	934045	94.5	0.2
Chronic cardiac disease	no	749406	94.5	793100	94.3	0.2
	yes	324415	96.1	337575	95.9	0.2
Current COPD	no	960225	94.8	1012417	94.7	0.1
	yes	113589	96.1	118258	95.9	0.2

		Vaccinated at 18 Mar (n)	Vaccinated at 18 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Category	Group					
Dialysis	no	1071826	95.0	1128582	94.8	0.2
	yes	1995	95.3	2093	95.3	0.0
DMARDs	no	1040046	94.9	1095829	94.7	0.2
	yes	33775	96.9	34846	96.8	0.1
Dementia	no	984711	95.0	1036490	94.8	0.2
	yes	89103	94.6	94185	94.3	0.3
Psychosis, schizophrenia, or bipolar	no	1065904	95.0	1121939	94.8	0.2
	yes	7910	90.5	8736	90.1	0.4
Learning disability	no	1073303	95.0	1130115	94.8	0.2
	yes	511	91.2	560	91.2	0.0
SSRI (last 12 months)	no	1006971	94.9	1061522	94.7	0.2
	yes	66850	96.7	69153	96.5	0.2
Chemo or radiotherapy	no	1037071	94.9	1092651	94.7	0.2
	yes	36750	96.6	38024	96.5	0.1
Cancer (lung)	no	1066485	95.0	1123024	94.8	0.2
	yes	7336	95.9	7651	95.7	0.2
Cancer (excluding lung/haem)	no	878752	94.6	928816	94.4	0.2
	yes	195069	96.6	201859	96.5	0.1
Cancer (haematological)	no	1053787	94.9	1109941	94.8	0.1
	yes	20027	96.6	20734	96.5	0.1

Footnotes:

- Patient counts rounded to the nearest 7
- Population excludes those known to live in an elderly care home, based upon clinical coding.
- SSRIs group excludes individuals with Psychosis/ schizophrenia/bipolar, LD, or Dementia.

Cumulative vaccination figures among 70-79 population

Please refer to footnotes below table for information.

		Vaccinated at 18 Mar (n)	Vaccinated at 18 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Category	Group					
overall	overall	1954509	94.4	2069893	94.2	0.2
Sex	F	1026326	94.6	1084832	94.4	0.2
	M	928179	94.2	985054	94.0	0.2
Age band	70-74	1129254	94.0	1201522	93.7	0.3
	75-79	825244	95.0	868357	94.9	0.1
Ethnicity (broad categories)	Black	10136	69.0	14700	68.1	0.9
	Mixed	5152	80.2	6426	79.5	0.7
	Other	11907	78.0	15267	77.4	0.6
	South Asian	46578	84.7	54985	84.0	0.7
ethnicity 16 groups	Unknown	130123	87.2	149149	87.0	0.2
	White	1750602	95.7	1829352	95.5	0.2
	African	3318	62.9	5271	62.0	0.9
	Bangladeshi or British Bangladeshi	1512	83.4	1813	82.2	1.2
	Caribbean	5075	72.8	6972	72.0	0.8
	Chinese	3150	77.3	4074	77.0	0.3
	Other	8757	78.2	11200	77.6	0.6
	Other Asian	9149	81.9	11172	81.5	0.4
	British or Mixed British	1664733	96.2	1730918	96.0	0.2
	Indian or British Indian	26978	88.9	30345	88.5	0.4
	Irish	14028	92.3	15197	92.0	0.3
	Other Black	1743	70.9	2457	70.4	0.5
	Other White	71827	86.3	83223	86.0	0.3
	Other mixed	2044	81.3	2513	81.1	0.2
	Pakistani or British Pakistani	8939	76.7	11655	75.1	1.6
	Unknown	130144	87.2	149177	87.0	0.2
	White + Asian	1176	86.6	1358	86.1	0.5
	White + Black African	784	73.2	1071	72.5	0.7
	White + Black Caribbean	1141	77.3	1477	76.3	1.0
Index of Multiple Deprivation (quintiles)	1 Most deprived	249025	91.0	273721	90.6	0.4
	2	327341	93.1	351638	92.8	0.3
	3	436261	94.7	460579	94.5	0.2
	4	454559	95.4	476336	95.3	0.1
	5 Least deprived	451689	96.2	469518	96.1	0.1
	Unknown	35623	93.5	38094	93.3	0.2
BMI	30+	490441	95.9	511665	95.6	0.3
	under 30	1464064	94.0	1558221	93.7	0.3
Chronic cardiac disease	no	1600788	94.2	1699649	94.0	0.2
	yes	353717	95.5	370237	95.3	0.2
Current COPD	no	1766604	94.3	1873214	94.1	0.2
	yes	187901	95.5	196665	95.2	0.3
Dialysis	no	1950648	94.4	2065805	94.2	0.2

		Vaccinated at 18 Mar (n)	Vaccinated at 18 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Category	Group					
	yes	3857	94.5	4081	94.2	0.3
DMARDs	no	1884918	94.3	1997800	94.1	0.2
	yes	69587	96.5	72086	96.3	0.2
Dementia	no	1913646	94.4	2026514	94.2	0.2
	yes	40859	94.2	43372	93.9	0.3
Psychosis, schizophrenia, or bipolar	no	1936228	94.5	2049334	94.3	0.2
	yes	18277	89.0	20545	88.3	0.7
Learning disability	no	1951719	94.4	2066799	94.2	0.2
	yes	2786	90.2	3087	89.1	1.1
SSRI (last 12 months)	no	1805342	94.3	1915081	94.1	0.2
	yes	149163	96.4	154798	96.1	0.3
Chemo or radiotherapy	no	1887669	94.4	2000544	94.1	0.3
	yes	66836	96.4	69342	96.2	0.2
Cancer (lung)	no	1942465	94.4	2057223	94.2	0.2
	yes	12040	95.1	12663	94.7	0.4
Cancer (excluding lung/haem)	no	1679293	94.1	1784181	93.9	0.2
	yes	275212	96.3	285705	96.1	0.2
Cancer (haematological)	no	1925329	94.4	2039513	94.2	0.2
	yes	29176	96.1	30373	95.8	0.3

Footnotes:

- Patient counts rounded to the nearest 7
- Population excludes those known to live in an elderly care home, based upon clinical coding.
- SSRIs group excludes individuals with Psychosis/ schizophrenia/bipolar, LD, or Dementia.

Cumulative vaccination figures among care home population

Please refer to footnotes below table for information.

		Vaccinated at 18 Mar (n)	Vaccinated at 18 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Category	Group					
overall	overall	78537	94.1	83454	93.7	0.4
Sex	F	56070	94.6	59290	94.2	0.4
	M	22470	93.0	24164	92.5	0.5
Age band	65-69	4186	89.4	4683	87.9	1.5
	70-74	6503	91.3	7119	90.9	0.4
	75-79	9002	93.2	9660	92.8	0.4
	80-84	13608	94.4	14420	94.0	0.4
	85-89	18403	94.9	19383	94.6	0.3
	90+	26838	95.2	28189	94.9	0.3
Ethnicity (broad categories)	Black	378	81.8	462	81.8	0.0
	Mixed	203	90.6	224	87.5	3.1
	Other	343	92.5	371	90.6	1.9
	South Asian	602	88.7	679	87.6	1.1
	Unknown	2016	91.1	2212	90.5	0.6
	White	75005	94.3	79506	93.9	0.4
Dementia	no	35476	92.8	38248	92.2	0.6
	yes	43064	95.3	45206	94.9	0.4

Footnotes:

- Patient counts rounded to the nearest 7
- Population includes those known to live in an elderly care home, based upon clinical coding.

Cumulative vaccination figures among shielding (aged 16-69) population

Please refer to footnotes below table for information.

Category	Group	Vaccinated at 18 Mar (n)	Vaccinated at 18 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
overall	overall	679213	82.9	819168	80.8	2.1
newly shielded since feb 15	no	444535	88.4	502852	87.6	0.8
	yes	234675	74.2	316316	69.9	4.3
Sex	F	376978	81.9	460271	79.6	2.3
	M	302225	84.2	358883	82.2	2.0
Age band	16-29	47740	69.8	68411	66.9	2.9
	30-39	90209	71.7	125853	68.4	3.3
	40-49	131215	80.0	164101	77.1	2.9
	50-59	194992	86.5	225519	84.5	2.0
	60-69	215054	91.4	235270	90.4	1.0
Ethnicity (broad categories)	Black	26502	59.8	44345	56.4	3.4
	Mixed	9597	67.6	14203	64.7	2.9
	Other	12229	67.8	18025	64.7	3.1
	South Asian	78036	72.3	107968	68.2	4.1
	Unknown	26467	80.3	32977	77.6	2.7
	White	526365	87.5	601636	85.8	1.7
Index of Multiple Deprivation (quintiles)	1 Most deprived	186039	76.5	243124	73.6	2.9
	2	151179	81.4	185633	79.1	2.3
	3	132797	85.5	155239	83.8	1.7
	4	107324	88.4	121387	86.9	1.5
	5 Least deprived	85757	91.0	94262	89.8	1.2
	Unknown	16107	82.6	19502	80.4	2.2
Learning disability	no	656180	82.8	792393	80.7	2.1
	yes	23023	86.0	26761	83.7	2.3

Footnotes:

- Patient counts rounded to the nearest 7
- Population excludes those over 65 known to live in an elderly care home, based upon clinical coding.

Cumulative vaccination figures among 65-69 population

Please refer to footnotes below table for information.

Category	Group	Vaccinated at 18 Mar (n)	Vaccinated at 18 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
overall	overall	964435	89.9	1073352	87.9	2.0
Sex	F	497098	90.7	548170	88.8	1.9
	M	467334	89.0	525175	87.0	2.0
Ethnicity (broad categories)	Black	6811	63.1	10787	60.5	2.6
	Mixed	3598	73.3	4907	71.2	2.1
	Other	8372	71.1	11781	68.9	2.2
	South Asian	35028	80.8	43337	79.0	1.8
	Unknown	83664	80.7	103635	78.4	2.3
	White	826952	92.0	898905	90.1	1.9
	White	826952	92.0	898905	90.1	1.9
ethnicity 16 groups	African	2590	60.6	4277	57.4	3.2
	Bangladeshi or British Bangladeshi	1407	82.4	1708	79.5	2.9
	Caribbean	2856	63.4	4508	60.9	2.5
	Chinese	2716	71.7	3787	69.1	2.6
	Other	5663	70.9	7987	68.8	2.1
	Other Asian	6482	80.0	8106	78.2	1.8
	British or Mixed British	783468	93.1	841442	91.2	1.9
	Indian or British Indian	19530	85.8	22764	84.5	1.3
	Irish	5719	87.7	6524	86.2	1.5
	Other Black	1365	67.9	2009	65.9	2.0
	Other White	37744	74.1	50918	72.4	1.7
	Other mixed	1386	73.3	1890	71.5	1.8
	Pakistani or British Pakistani	7602	70.7	10752	68.1	2.6
	Unknown	83685	80.7	103656	78.4	2.3
	White + Asian	840	82.8	1015	80.7	2.1
	White + Black African	588	66.7	882	65.1	1.6
	White + Black Caribbean	784	70.0	1120	66.9	3.1
	1 Most deprived	127974	83.4	153433	80.3	3.1
	2	165459	87.6	188804	85.3	2.3
	3	214417	90.5	237048	88.5	2.0
	4	220353	91.8	239932	90.3	1.5
Index of Multiple Deprivation (quintiles)	5 Least deprived	216937	93.3	232554	91.9	1.4
	Unknown	19285	89.4	21567	87.5	1.9
	Unknown	19285	89.4	21567	87.5	1.9
BMI	30+	247989	92.5	268114	90.5	2.0
	under 30	716443	89.0	805231	87.0	2.0
Chronic cardiac disease	no	862519	89.6	962353	87.7	1.9
	yes	101913	91.8	110992	89.9	1.9
Current COPD	no	927192	89.8	1032542	87.9	1.9
	yes	37240	91.3	40803	89.0	2.3
DMARDs	no	945903	89.8	1053542	87.8	2.0
	yes	18529	93.5	19810	91.8	1.7
Dementia	no	959392	89.9	1067738	87.9	2.0

Category	Group	Vaccinated at 18 Mar (n)	Vaccinated at 18 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Psychosis, schizophrenia, or bipolar	yes	5033	89.8	5607	87.8	2.0
	no	954954	89.9	1061676	88.0	1.9
	yes	9478	81.2	11676	78.0	3.2
Learning disability	no	962297	89.9	1070818	87.9	2.0
	yes	2128	84.0	2534	79.3	4.7
SSRI (last 12 months)	no	880152	89.6	982345	87.7	1.9
	yes	84280	92.6	91000	90.4	2.2
	no	945959	89.8	1053570	87.8	2.0
Chemo or radiotherapy	yes	18466	93.3	19782	91.6	1.7
	no	962843	89.9	1071574	87.9	2.0
Cancer (lung)	yes	1582	89.3	1771	87.7	1.6
	no	882903	89.6	985929	87.6	2.0
Cancer (excluding lung/haem)	yes	81529	93.3	87416	91.6	1.7
	no	961002	89.8	1069628	87.9	1.9
Cancer (haematological)	yes	3423	92.1	3717	90.4	1.7

Footnotes:

- Patient counts rounded to the nearest 7
- Population excludes those known to live in an elderly care home, based upon clinical coding.
- Population excludes those who are currently shielding.
- SSRIs group excludes individuals with Psychosis/ schizophrenia/bipolar, LD, or Dementia.

Cumulative vaccination figures among LD (aged 16-64) population

Please refer to footnotes below table for information.

		Vaccinated at 18 Mar (n)	Vaccinated at 18 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Category	Group					
overall	overall	56185	69.7	80619	62.1	7.6
Sex	F	22190	72.8	30478	65.5	7.3
	M	33992	67.8	50141	60.0	7.8
Age band	16-29	20244	61.5	32928	53.5	8.0
	30-34	7182	68.3	10514	60.2	8.1
	35-39	5523	72.8	7588	64.8	8.0
	40-44	4487	75.2	5964	67.3	7.9
	45-49	4676	77.0	6069	69.2	7.8
	50-54	5061	78.8	6426	72.2	6.6
	55-59	5103	79.7	6405	73.0	6.7
	60-64	3906	82.7	4725	76.7	6.0
Ethnicity (broad categories)	Black	588	44.4	1323	40.2	4.2
	Mixed	539	50.7	1064	44.7	6.0
	Other	343	51.6	665	45.3	6.3
	South Asian	2359	51.2	4606	45.3	5.9
	Unknown	4340	65.7	6601	56.9	8.8
	White	48020	72.4	66367	64.6	7.8

Footnotes:

- Patient counts rounded to the nearest 7
- Population excludes those who are currently shielding.

Cumulative vaccination figures among 60-64 population

Please refer to footnotes below table for information.

Category	Group	Vaccinated at 18 Mar (n)	Vaccinated at 18 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
overall	overall	1022536	80.0	1277766	68.0	12.0
Sex	F	522116	82.2	635075	70.8	11.4
	M	500416	77.9	642684	65.3	12.6
Ethnicity (broad categories)	Black	10416	53.4	19495	45.2	8.2
	Mixed	5166	65.2	7924	55.6	9.6
	Other	9786	60.9	16058	51.6	9.3
	South Asian	38514	73.7	52283	66.4	7.3
	Unknown	100205	69.4	144410	55.9	13.5
	White	858445	82.7	1037589	70.5	12.2
	White	858445	82.7	1037589	70.5	12.2
ethnicity 16 groups	African	4116	53.6	7672	45.9	7.7
	Bangladeshi or British Bangladeshi	1666	74.4	2240	65.9	8.5
	Caribbean	4095	52.2	7847	43.6	8.6
	Chinese	2933	61.7	4753	49.9	11.8
	Other	6860	60.6	11312	52.3	8.3
	Other Asian	8008	72.2	11095	64.5	7.7
	British or Mixed British	809697	84.3	960722	71.8	12.5
	Indian or British Indian	20720	79.1	26194	72.4	6.7
	Irish	5152	78.9	6531	70.3	8.6
	Other Black	2212	55.5	3983	47.1	8.4
	Other White	43603	62.0	70343	53.1	8.9
	Other mixed	1981	65.7	3017	57.1	8.6
	Pakistani or British Pakistani	8120	63.7	12754	55.7	8.0
	Unknown	100198	69.4	144389	55.9	13.5
	White + Asian	1106	75.6	1463	64.6	11.0
	White + Black African	889	60.2	1477	50.2	10.0
	White + Black Caribbean	1190	60.5	1967	50.5	10.0
Index of Multiple Deprivation (quintiles)	1 Most deprived	141820	71.4	198569	59.7	11.7
	2	177989	76.9	231511	64.9	12.0
	3	224868	81.0	277452	68.8	12.2
	4	231658	83.1	278936	70.7	12.4
	5 Least deprived	225708	85.0	265608	73.1	11.9
	Unknown	20496	79.8	25669	69.5	10.3
BMI	30+	264299	85.3	309953	75.2	10.1
	under 30	758233	78.3	967799	65.7	12.6
Chronic cardiac disease	no	941059	79.4	1184659	66.9	12.5
	yes	81473	87.5	93093	82.3	5.2
Current COPD	no	992621	79.8	1243165	67.6	12.2
	yes	29911	86.5	34594	81.2	5.3
DMARDs	no	1004255	79.9	1257011	67.8	12.1
	yes	18277	88.1	20741	80.9	7.2
Dementia	no	1019459	80.0	1274098	68.0	12.0

Category	Group	Vaccinated at 18 Mar (n)	Vaccinated at 18 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Psychosis, schizophrenia, or bipolar SSRI (last 12 months)	yes	3073	84.1	3654	75.9	8.2
	no	1011528	80.1	1263038	68.0	12.1
	yes	11004	74.8	14721	67.9	6.9
	no	914704	79.6	1149582	67.4	12.2
	yes	107828	84.1	128170	73.0	11.1
	no	1006852	79.9	1259720	67.9	12.0
Chemo or radiotherapy Cancer (lung)	yes	15680	87.0	18032	76.5	10.5
	no	1021566	80.0	1276583	68.0	12.0
	yes	966	82.1	1176	75.6	6.5
Cancer (excluding lung/haem)	no	960708	79.7	1205953	67.5	12.2
	yes	61824	86.1	71799	75.6	10.5
Cancer (haematological)	no	1019536	80.0	1274371	67.9	12.1
	yes	2996	88.6	3381	83.4	5.2

Footnotes:

- Patient counts rounded to the nearest 7
- Population excludes those who are currently shielding.
- SSRIs group excludes individuals with Psychosis/ schizophrenia/bipolar, LD, or Dementia.

Cumulative vaccination figures among under 60s, not in other eligible groups shown population

Please refer to footnotes below table for information.

		Vaccinated at 18 Mar (n)	Previous week's vaccination figure (n)	Vaccinated over last 7d (n)	Increase in coverage over last 7d (%)
Category	Group				
overall	overall	3077645	2416328.0	661317.0	27.4
Sex	F	1857653	1529969.0	327684.0	21.4
	M	1219932	886312.0	333620.0	37.6
Age band	16-29	415982	367591.0	48391.0	13.2
	30-39	520856	459354.0	61502.0	13.4
	40-49	678125	590492.0	87633.0	14.8
	50-59	1462622	998851.0	463771.0	46.4
Ethnicity (broad categories)	Black	60613	51835.0	8778.0	16.9
	Mixed	34335	28833.0	5502.0	19.1
	Other	49539	40831.0	8708.0	21.3
	South Asian	204939	173726.0	31213.0	18.0
	Unknown	260197	193277.0	66920.0	34.6
	White	2467962	1927786.0	540176.0	28.0
ethnicity 16 groups	African	36736	32389.0	4347.0	13.4
	Bangladeshi or British Bangladeshi	13601	11214.0	2387.0	21.3
	Caribbean	11417	9086.0	2331.0	25.7
	Chinese	10346	8029.0	2317.0	28.9
	Other	39200	32795.0	6405.0	19.5
	Other Asian	49007	42413.0	6594.0	15.5
	British or Mixed British	2281664	1778560.0	503104.0	28.3
	Indian or British Indian	92512	78442.0	14070.0	17.9
	Irish	14644	11676.0	2968.0	25.4
	Other Black	12460	10360.0	2100.0	20.3
	Other White	171612	137536.0	34076.0	24.8
	Other mixed	11935	9919.0	2016.0	20.3
	Pakistani or British Pakistani	49812	41650.0	8162.0	19.6
	Unknown	260232	193298.0	66934.0	34.6
	White + Asian	7966	6748.0	1218.0	18.0
	White + Black African	6874	5922.0	952.0	16.1
	White + Black Caribbean	7567	6251.0	1316.0	21.1
Index of Multiple Deprivation (quintiles)	1 Most deprived	545622	437997.0	107625.0	24.6
	2	583625	465136.0	118489.0	25.5
	3	650552	510538.0	140014.0	27.4
	4	628334	487655.0	140679.0	28.8
	5 Least deprived	590814	450926.0	139888.0	31.0
	Unknown	78638	64043.0	14595.0	22.8
BMI	30+	811587	657881.0	153706.0	23.4
	under 30	2265998	1758407.0	507591.0	28.9
Chronic cardiac disease	no	2943668	2301292.0	642376.0	27.9
	yes	133917	114996.0	18921.0	16.5
Current COPD	no	3032449	2377053.0	655396.0	27.6

Category	Group	Vaccinated at 18 Mar (n)	Previous week's vaccination figure (n)	Vaccinated over last 7d (n)	Increase in coverage over last 7d (%)
DMARDs	yes	45136	39235.0	5901.0	15.0
	no	3022943	2370249.0	652694.0	27.5
	yes	54642	46032.0	8610.0	18.7
SSRI (last 12 months)	no	2612694	2032268.0	580426.0	28.6
	yes	464891	384020.0	80871.0	21.1

Footnotes:

- Patient counts rounded to the nearest 7
- SSRIs group excludes individuals with Psychosis/ schizophrenia/bipolar, LD, or Dementia.

Appendix

Ethnicity coverage for each eligible group

- Ethnicity information is primarily retrieved from GP records.
- Where missing in GP records, as of March 8 2021, it is then retrieved from hospital records if present.
 - For patients with multiple different ethnicities recorded, we use the most common non-missing ethnicity recorded over the last ~5 years (or latest if tied) with priority to inpatient records, then outpatient and then A&E.
- Patient counts are rounded to the nearest 7

	total population (n)	ethnicity coverage (%)
group		
80+	1130682	94.2
70-79	2069893	92.8
care home	83454	97.3
shielding (aged 16-69)	819168	96.0
65-69	1073352	90.3
LD (aged 16-64)	80619	91.8
60-64	1277766	88.7