

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 30 Mar 2021

Vaccinations included up to 25 Mar 2021 inclusive

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- **Trends in vaccination coverage** according to demographic/clinical features, for:
 - [80+ population](#)
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 - [shielding \(aged 16-69\) population](#)
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 - [60-64 population](#)
- **[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 25 Mar 2021:

Total population vaccinated in TPP: 10,077,354

80+ population vaccinated: 1,074,241 (95.2% of 1,128,015)

70-79 population vaccinated: 1,958,166 (94.7% of 2,068,206)

care home population vaccinated: 79,065 (94.7% of 83,510)

shielding (aged 16-69) population vaccinated: 693,147 (84.6% of 819,210)

65-69 population vaccinated: 977,074 (91.1% of 1,072,834)

LD (aged 16-64) population vaccinated: 60,340 (74.7% of 80,759)

60-64 population vaccinated: 1,105,622 (86.5% of 1,277,514)

under 60s, not in other eligible groups shown population vaccinated: 4,129,699

Vaccine types and second doses:

Second doses (% of all vaccinated): 794,997 (7.9%)

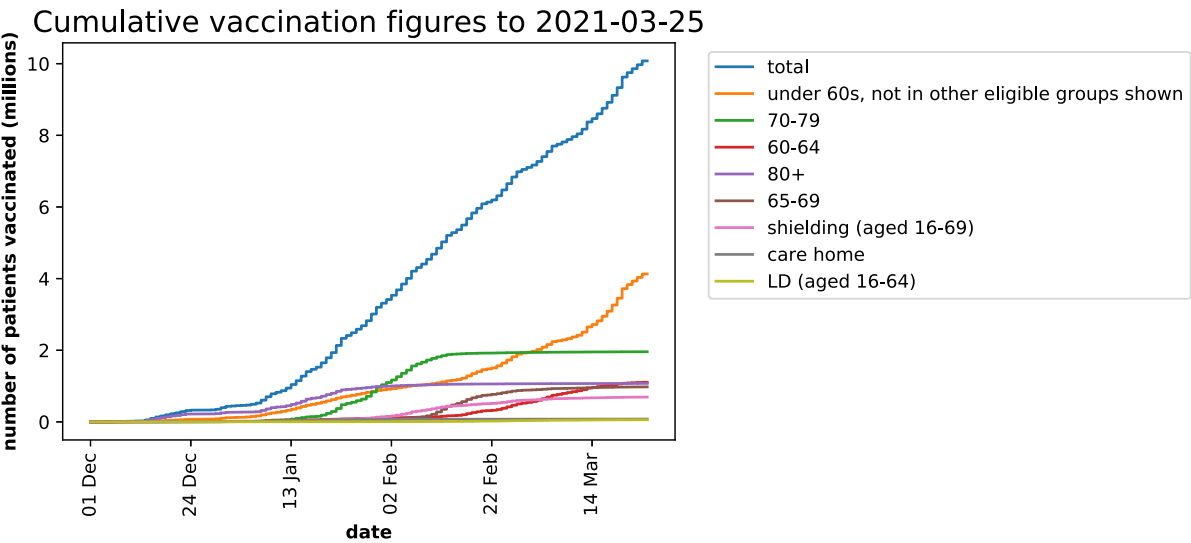
Oxford-AZ vaccines (% of all first doses): 6,317,024 (62.7%)

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 superseded 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/learndis/v1/) (<https://codelists.opensafely.org/codelist/primis-covid19-vacc-uptake/learndis/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



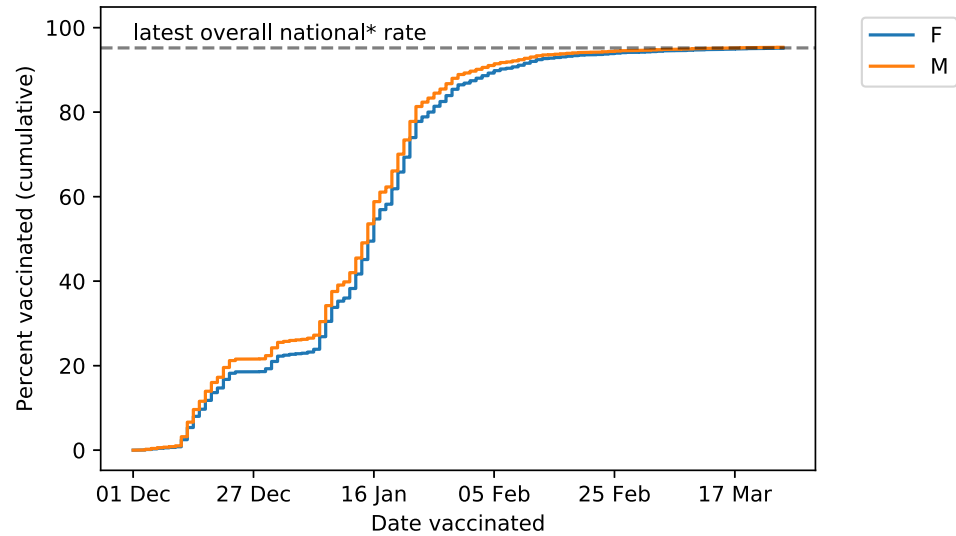
Trends in vaccination rates of 80+ population according to demographic/clinical features, cumulatively by day.

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

80+ population

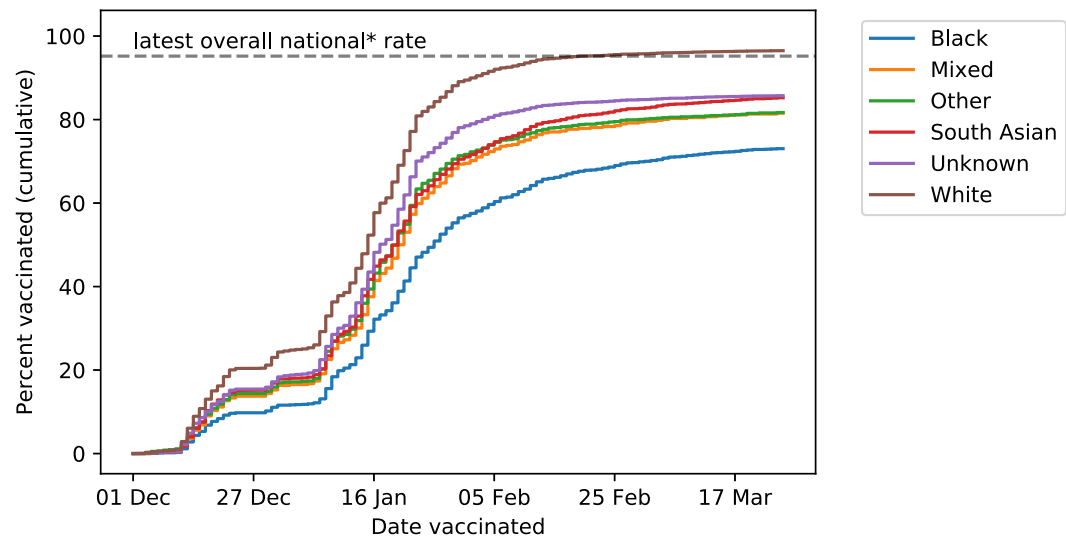
COVID vaccinations among 80+ population

by Sex



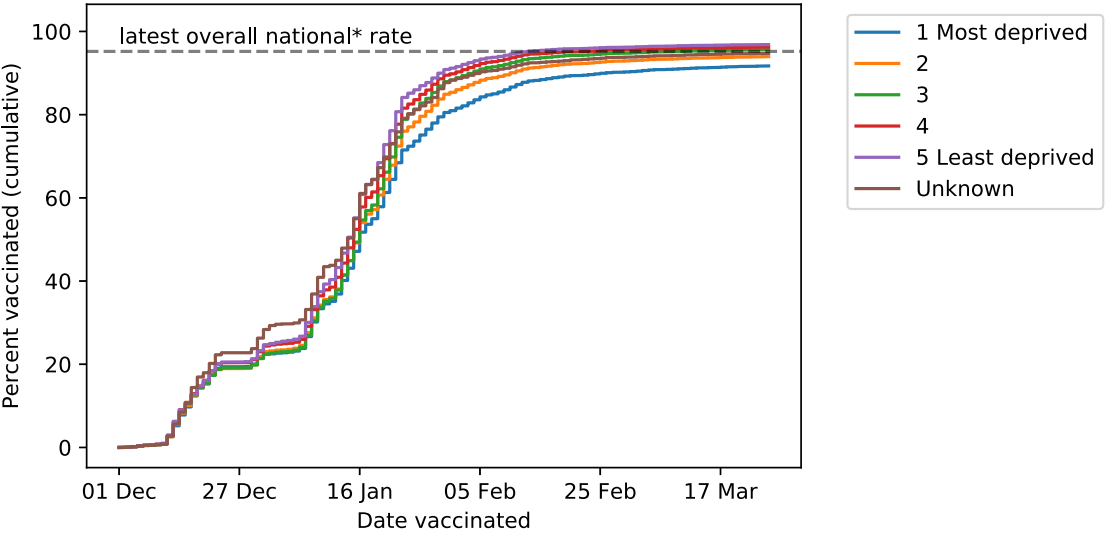
COVID vaccinations among 80+ population

by Ethnicity (broad categories)



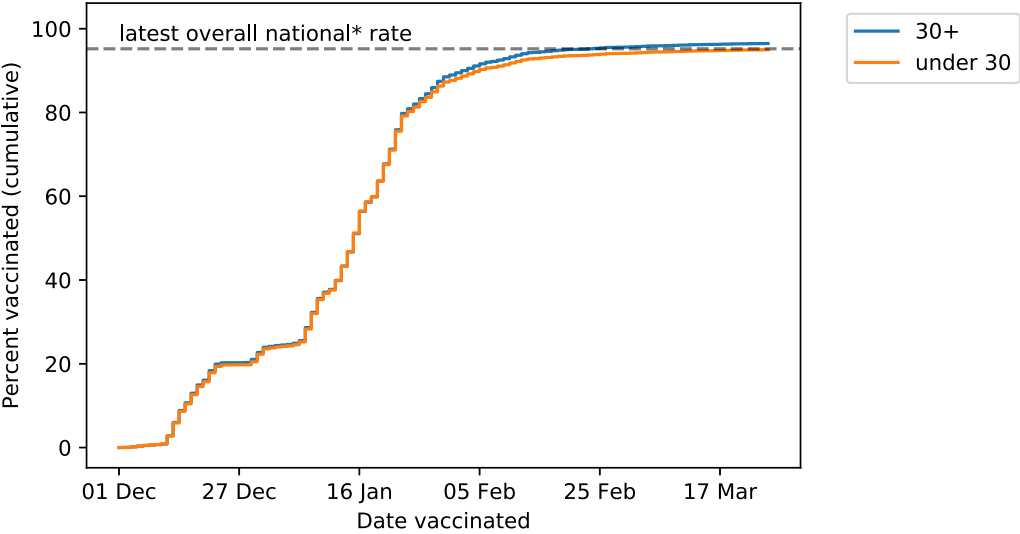
COVID vaccinations among 80+ population

by Index of Multiple Deprivation (quintiles)



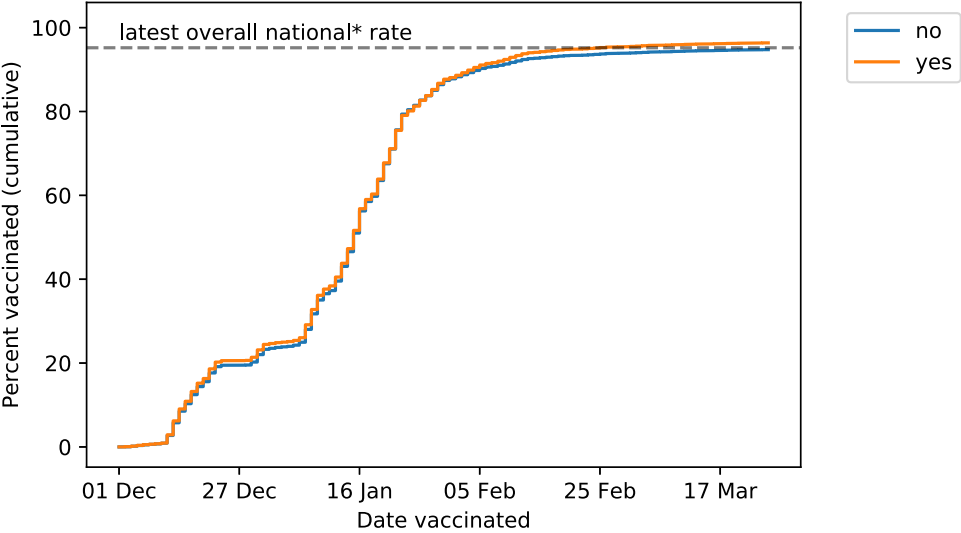
COVID vaccinations among 80+ population

by BMI



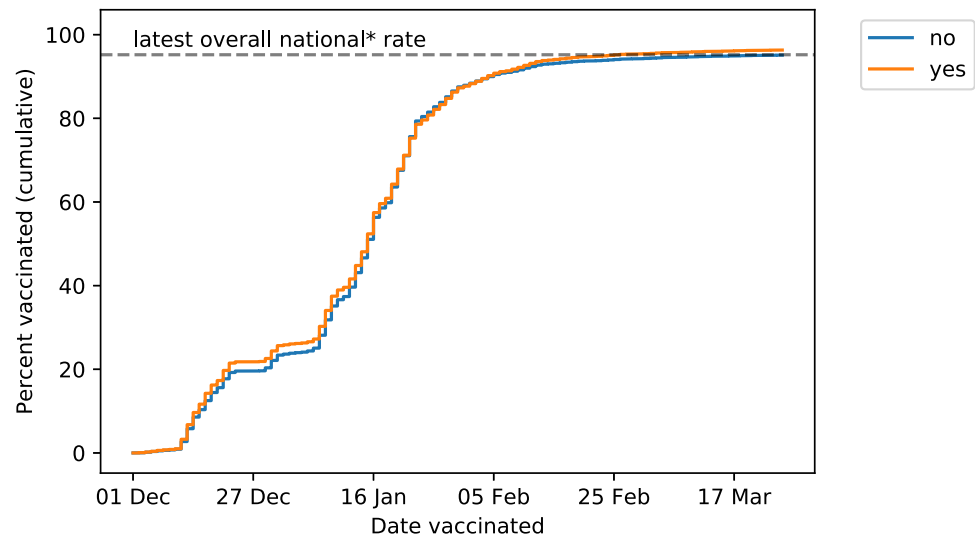
COVID vaccinations among 80+ population

by Chronic cardiac disease



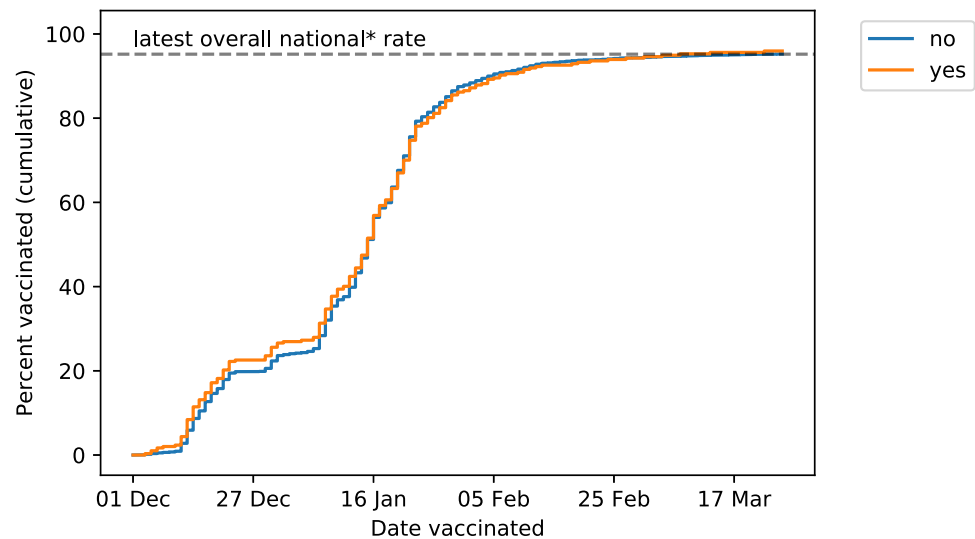
COVID vaccinations among 80+ population

by Current COPD



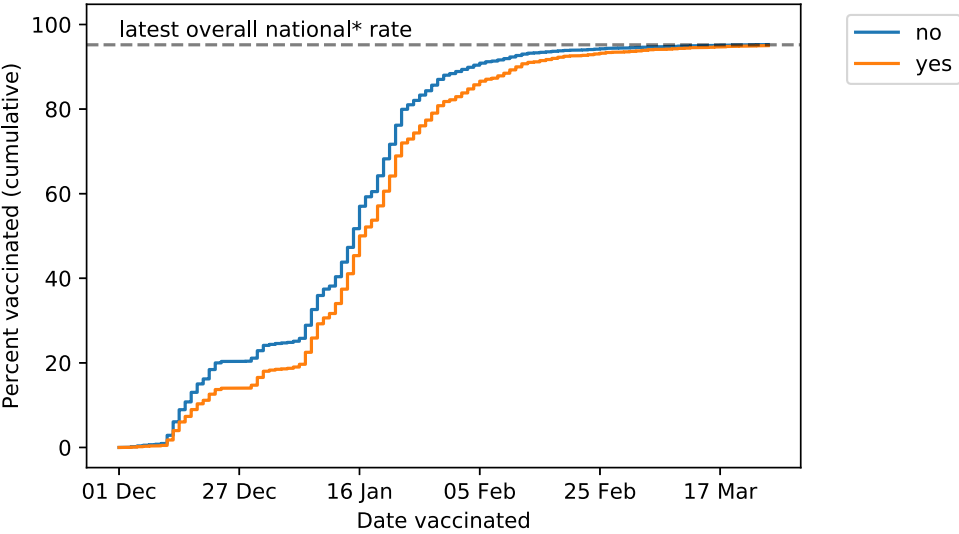
COVID vaccinations among 80+ population

by Dialysis



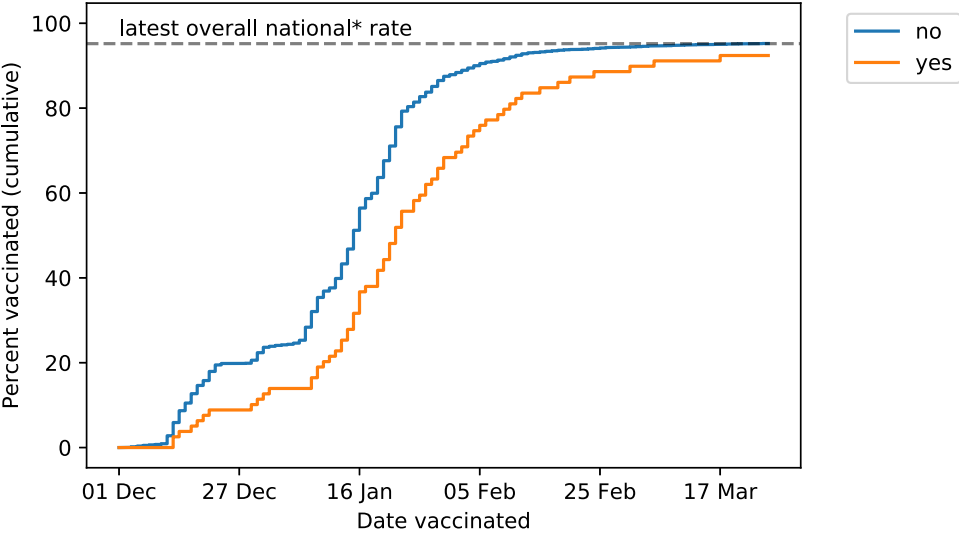
COVID vaccinations among 80+ population

by Dementia



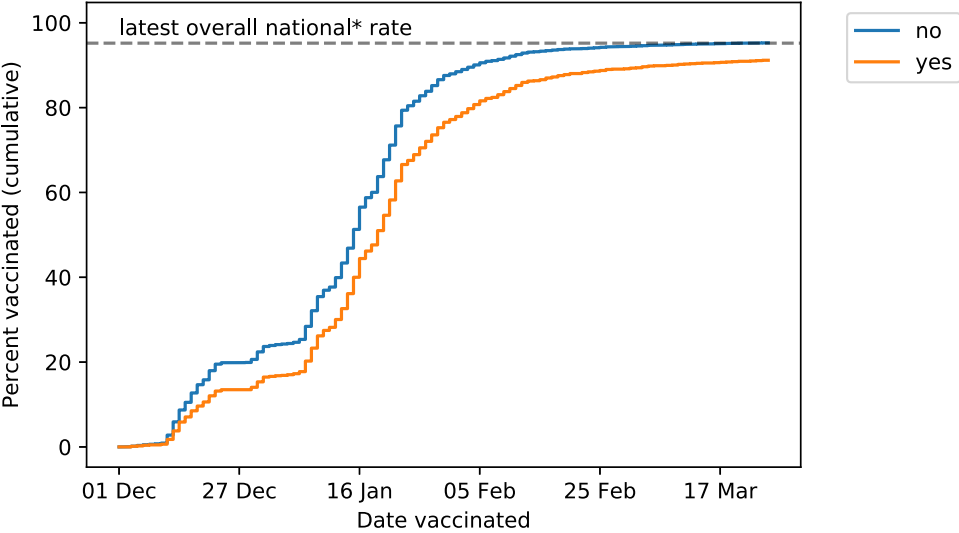
COVID vaccinations among 80+ population

by Learning disability



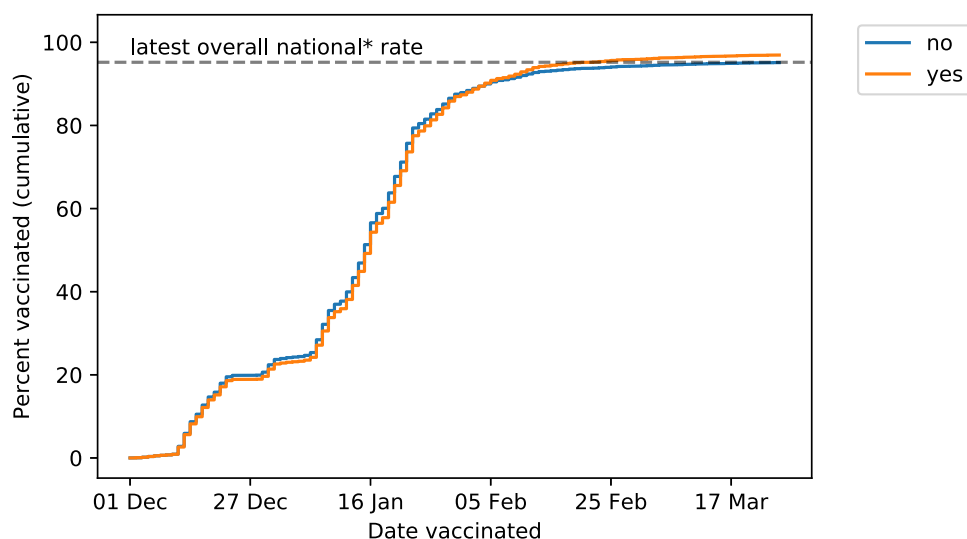
COVID vaccinations among 80+ population

by Psychosis, schizophrenia, or bipolar



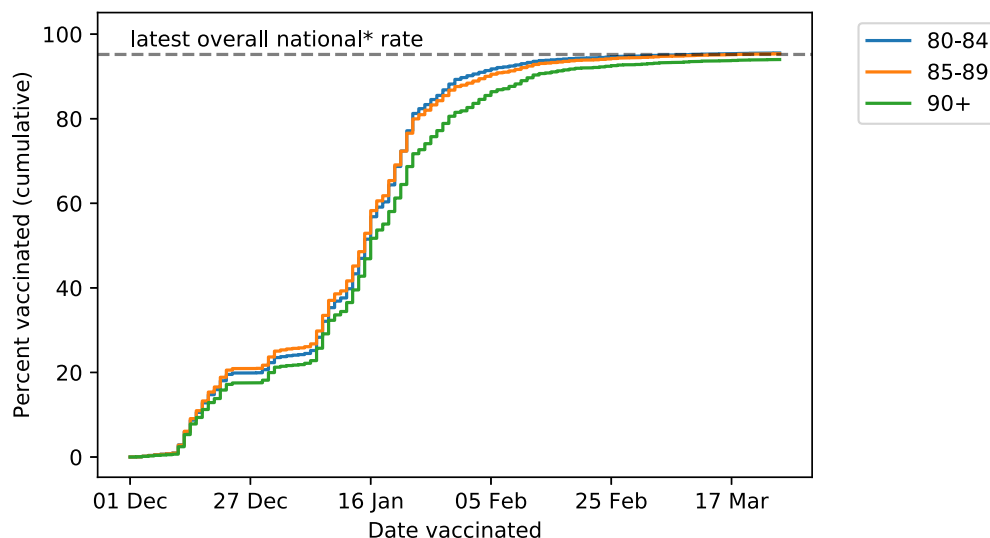
COVID vaccinations among 80+ population

by SSRI (last 12 months)



COVID vaccinations among 80+ population

by Age band 5yr



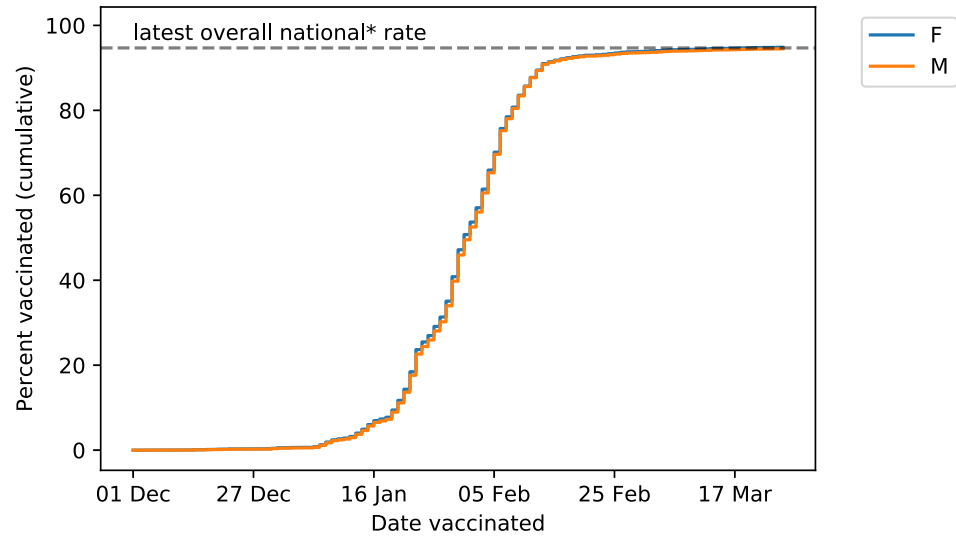
Trends in vaccination rates of 70-79 population according to demographic/clinical features, cumulatively by day.

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

70-79 population

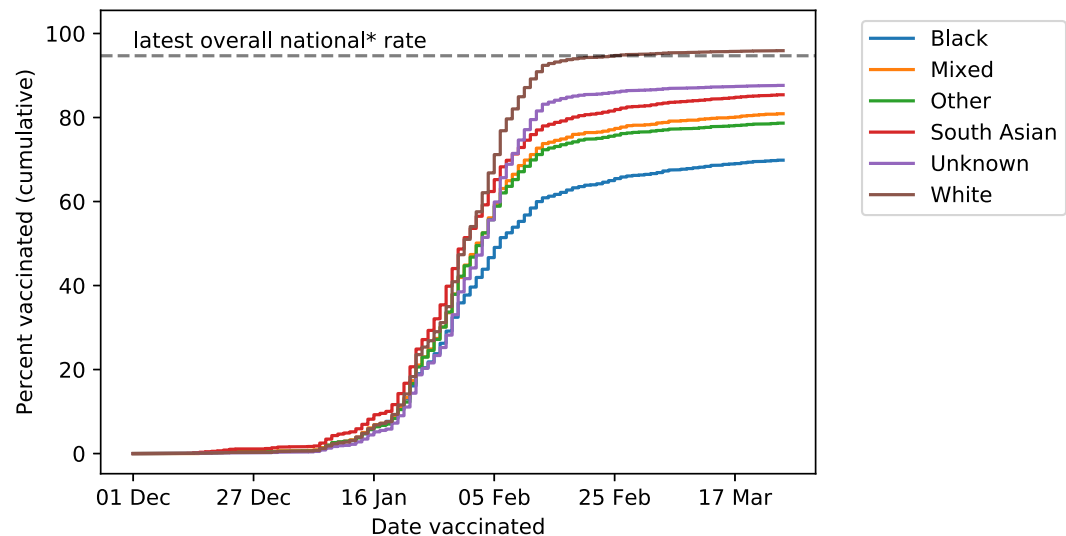
COVID vaccinations among 70-79 population

by Sex



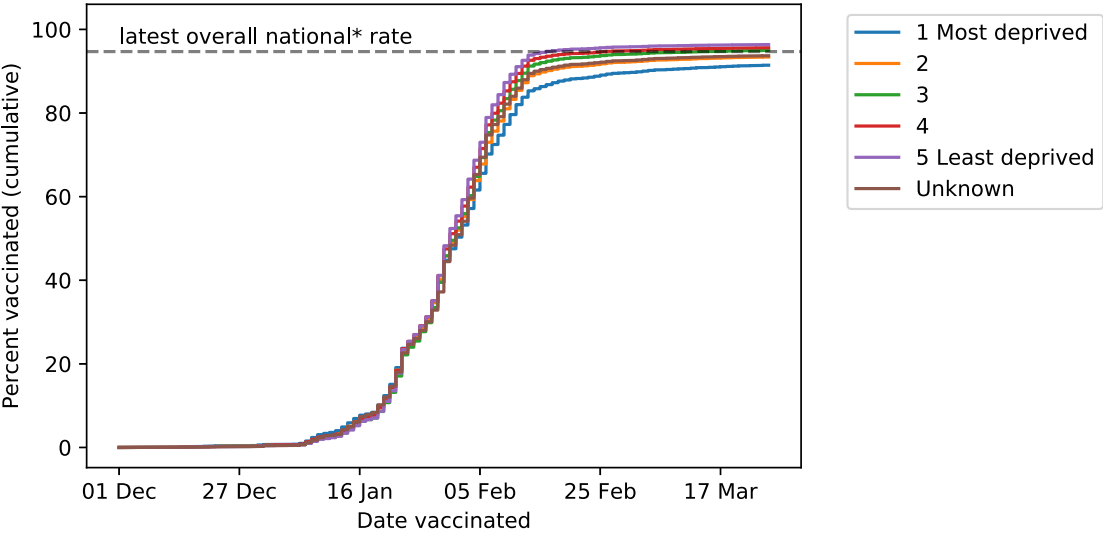
COVID vaccinations among 70-79 population

by Ethnicity (broad categories)



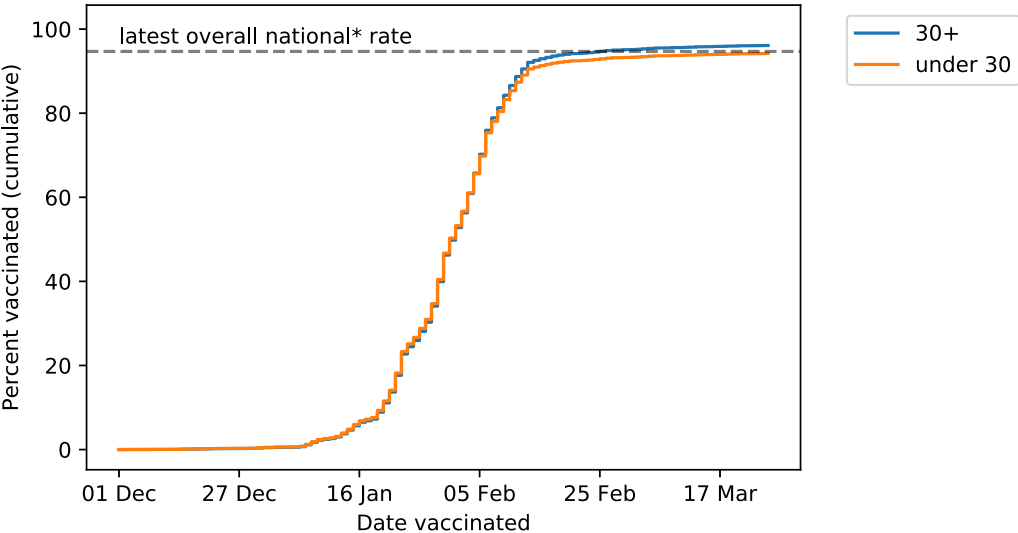
COVID vaccinations among 70-79 population

by Index of Multiple Deprivation (quintiles)



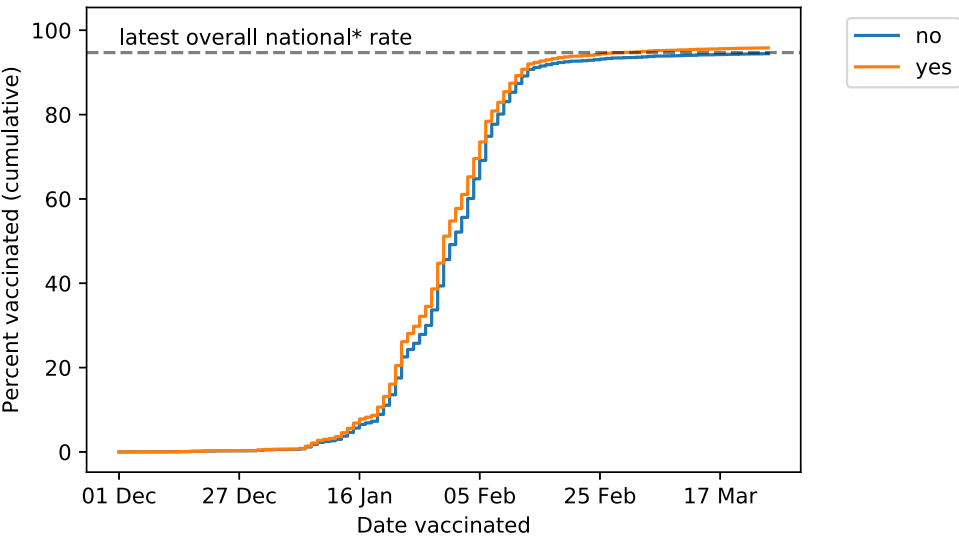
COVID vaccinations among 70-79 population

by BMI



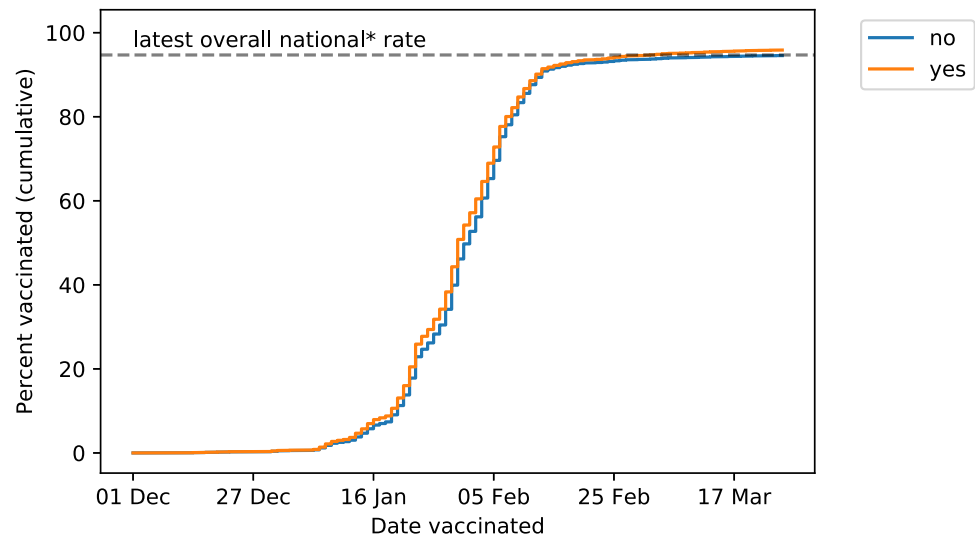
COVID vaccinations among 70-79 population

by Chronic cardiac disease



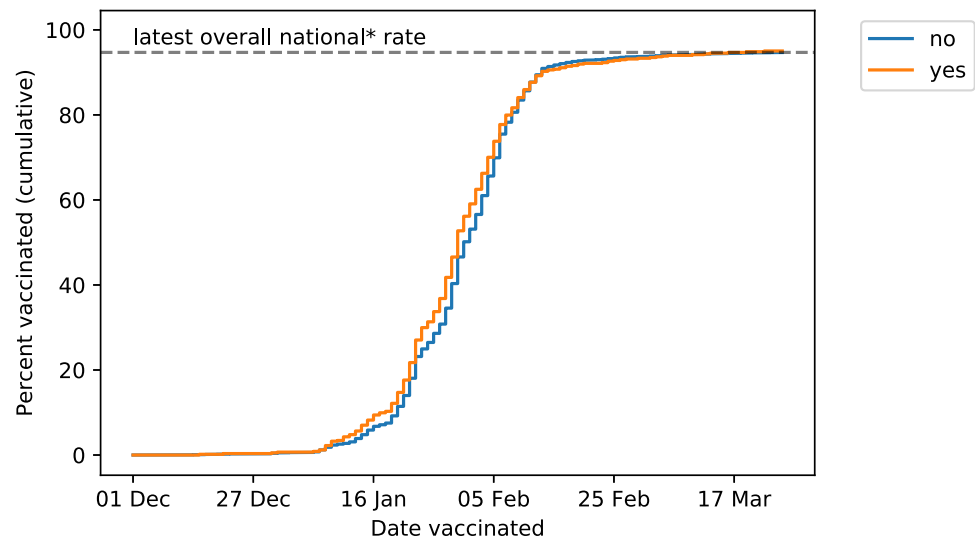
COVID vaccinations among 70-79 population

by Current COPD



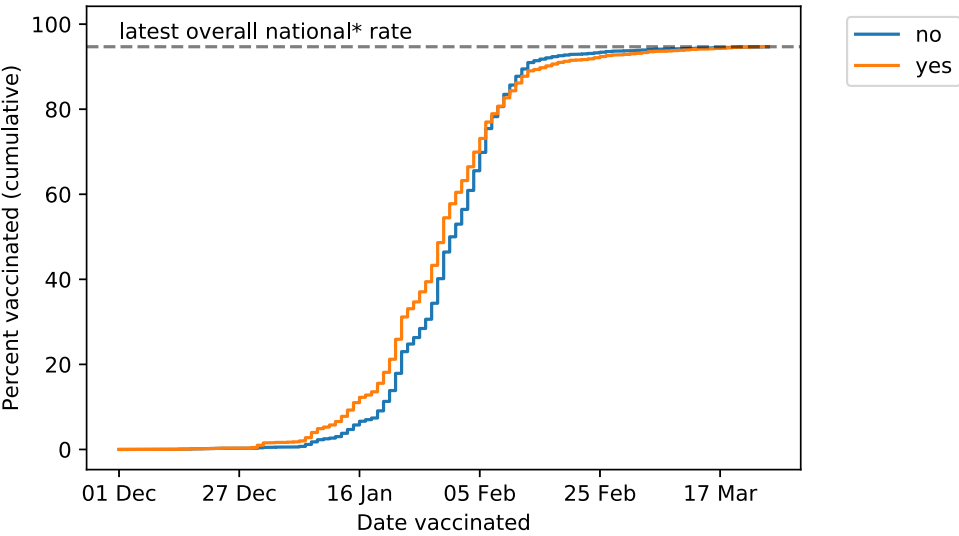
COVID vaccinations among 70-79 population

by Dialysis



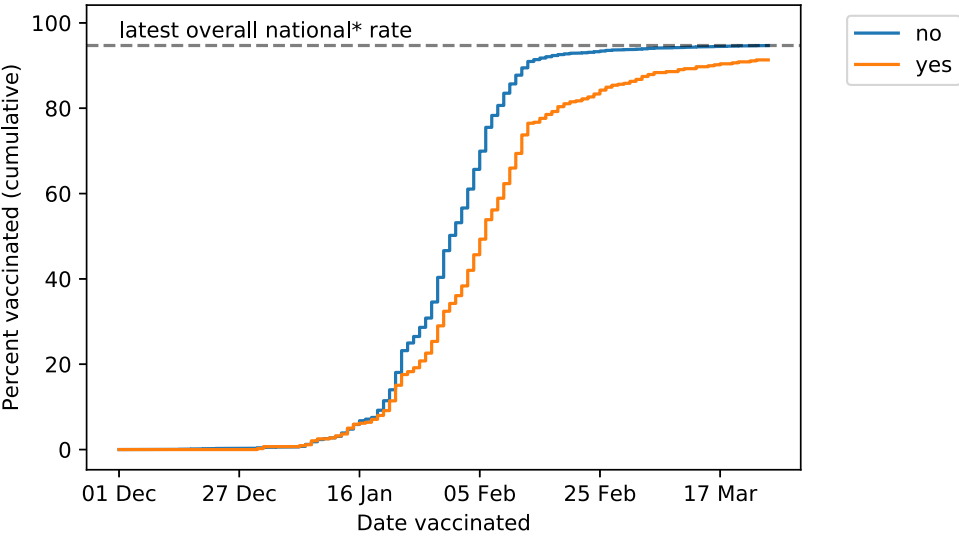
COVID vaccinations among 70-79 population

by Dementia



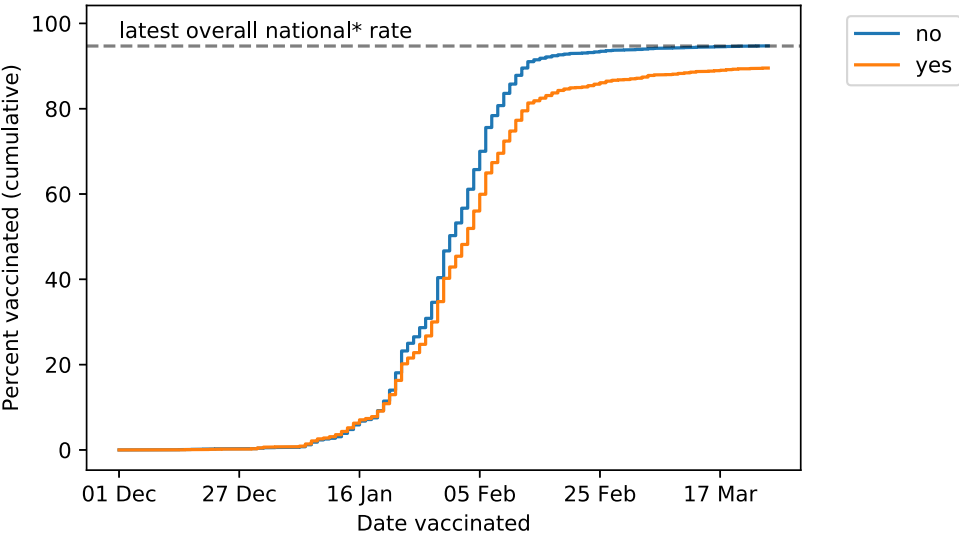
COVID vaccinations among 70-79 population

by Learning disability



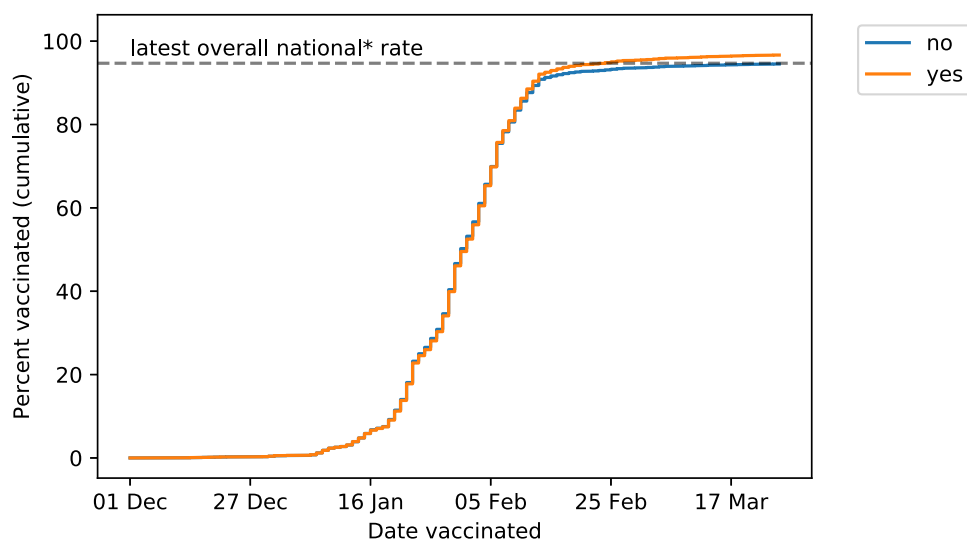
COVID vaccinations among 70-79 population

by Psychosis, schizophrenia, or bipolar



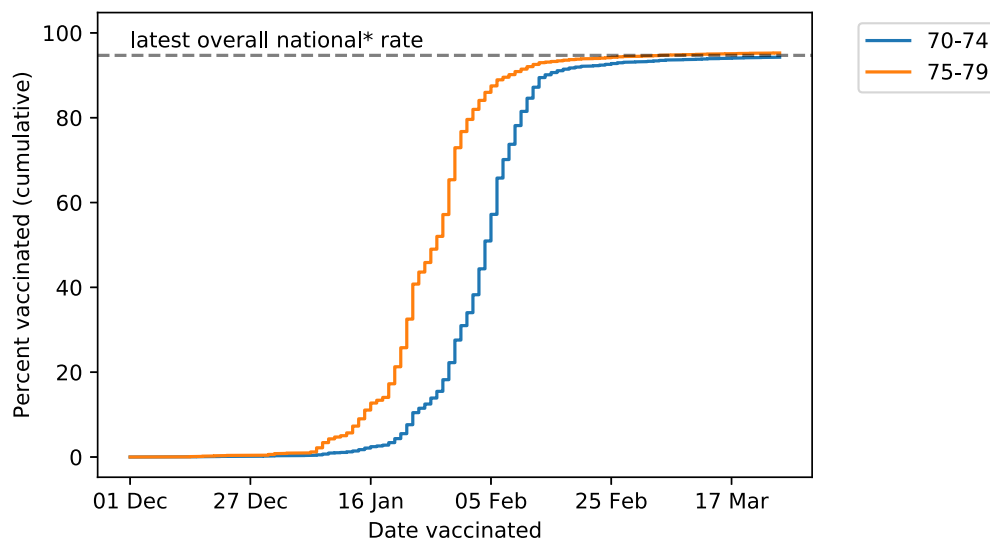
COVID vaccinations among 70-79 population

by SSRI (last 12 months)



COVID vaccinations among 70-79 population

by Age band 5yr



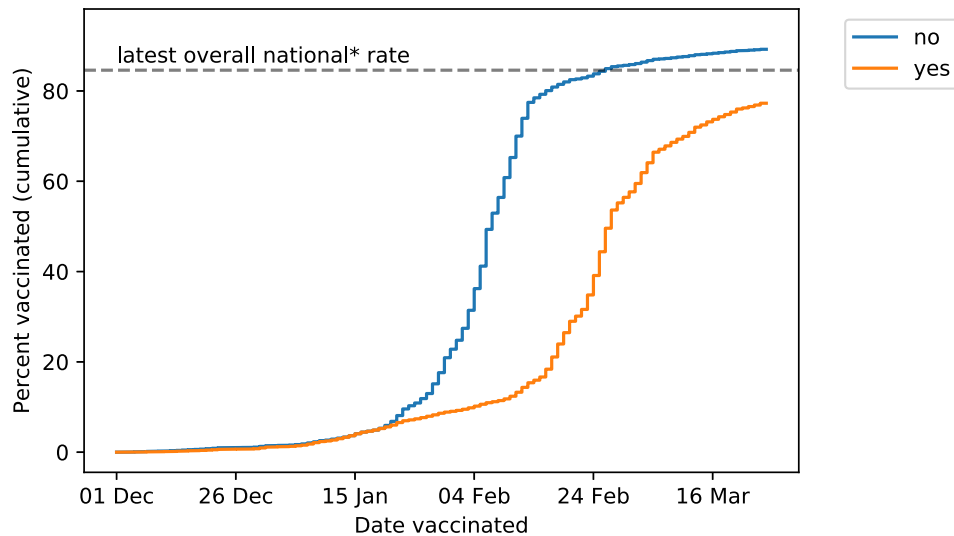
Trends in vaccination rates of shielding population according to demographic/clinical features, cumulatively by day.

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

Shielding population (aged 16-69)

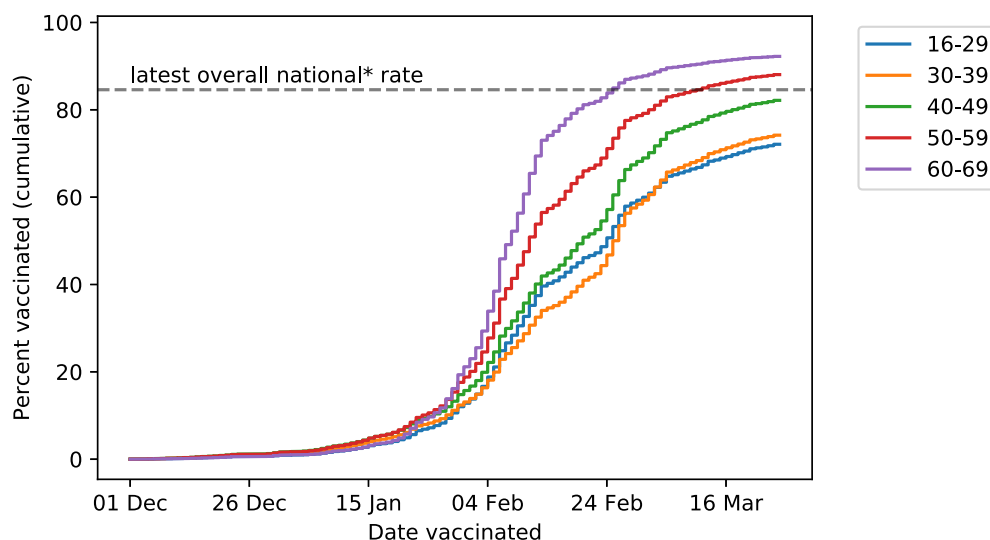
COVID vaccinations among shielding (aged 16-69) population

by newly shielded since feb 15



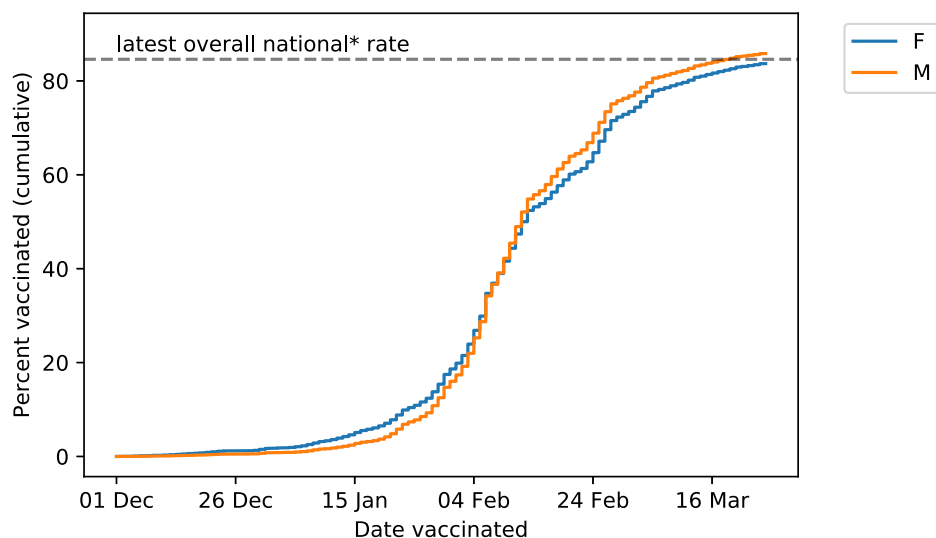
COVID vaccinations among shielding (aged 16-69) population

by Age band



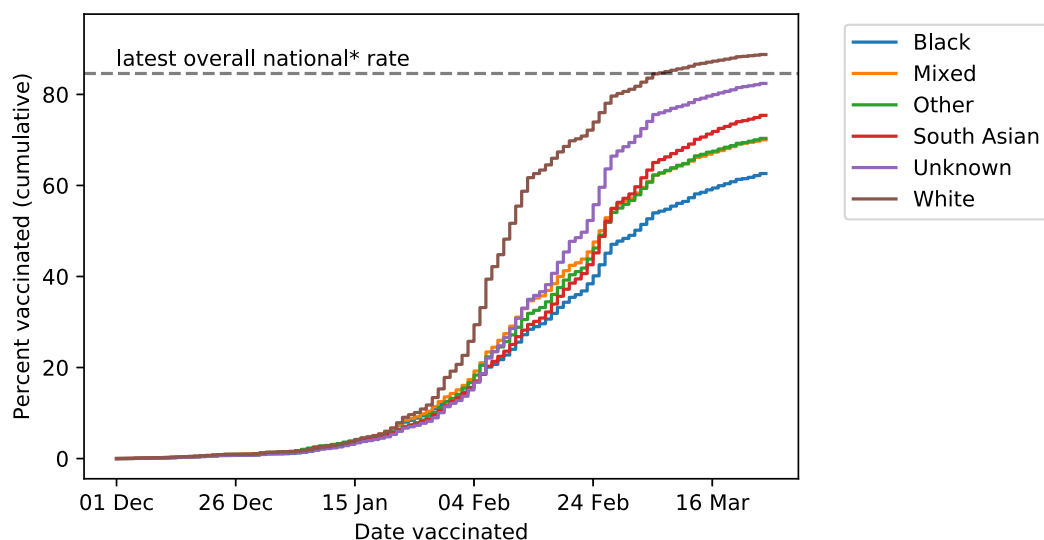
COVID vaccinations among shielding (aged 16-69) population

by Sex



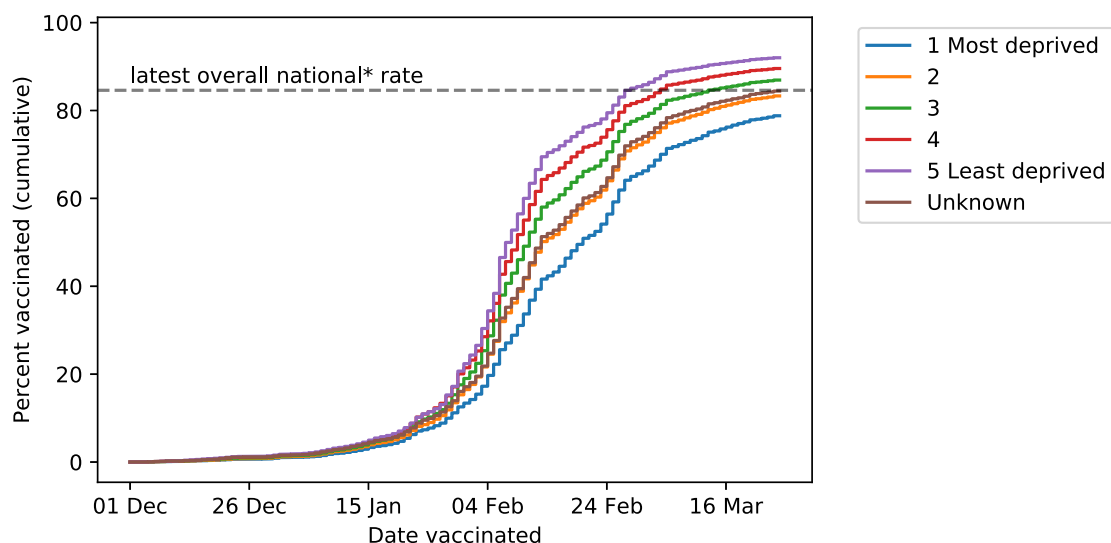
COVID vaccinations among shielding (aged 16-69) population

by Ethnicity (broad categories)



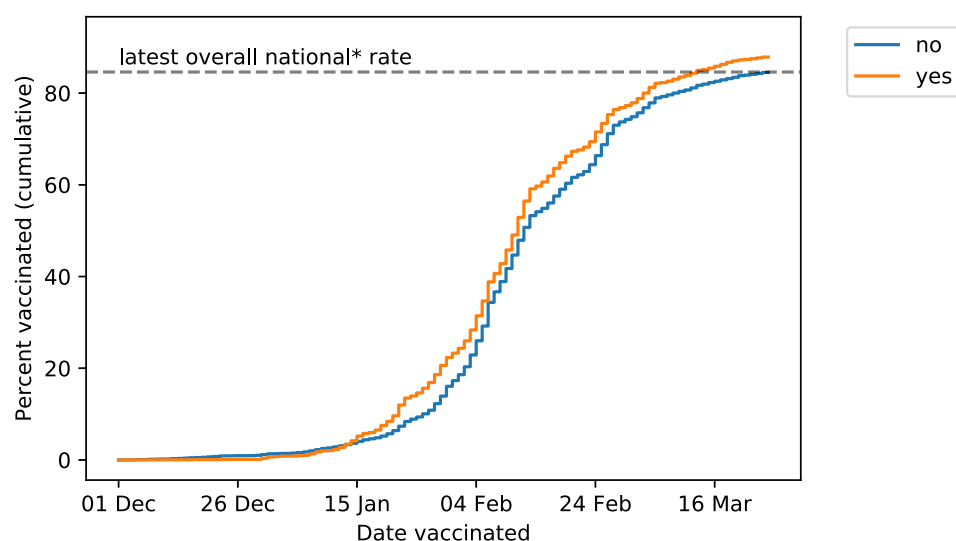
COVID vaccinations among shielding (aged 16-69) population

by Index of Multiple Deprivation (quintiles)



COVID vaccinations among shielding (aged 16-69) population

by Learning disability



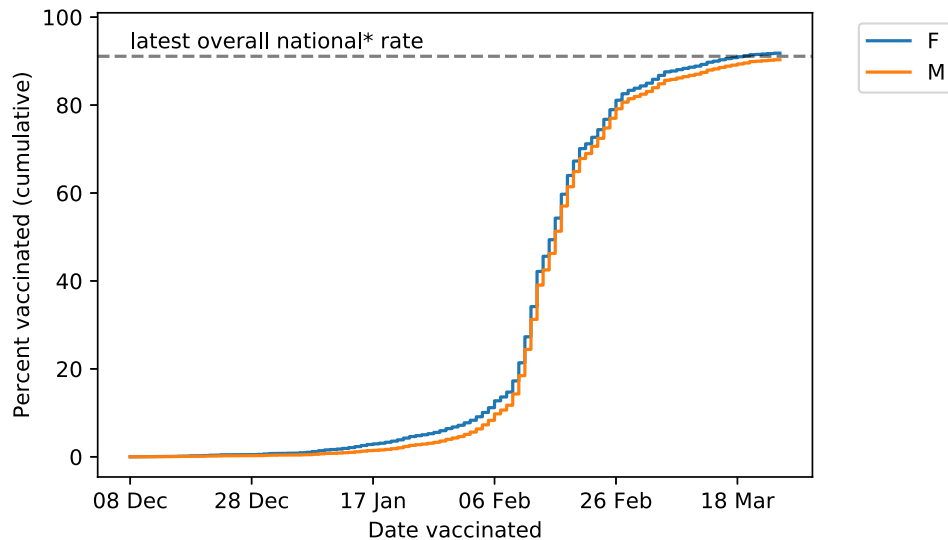
Trends in vaccination rates of 65-69 population according to demographic/clinical features, cumulatively by day.

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

65-69 population

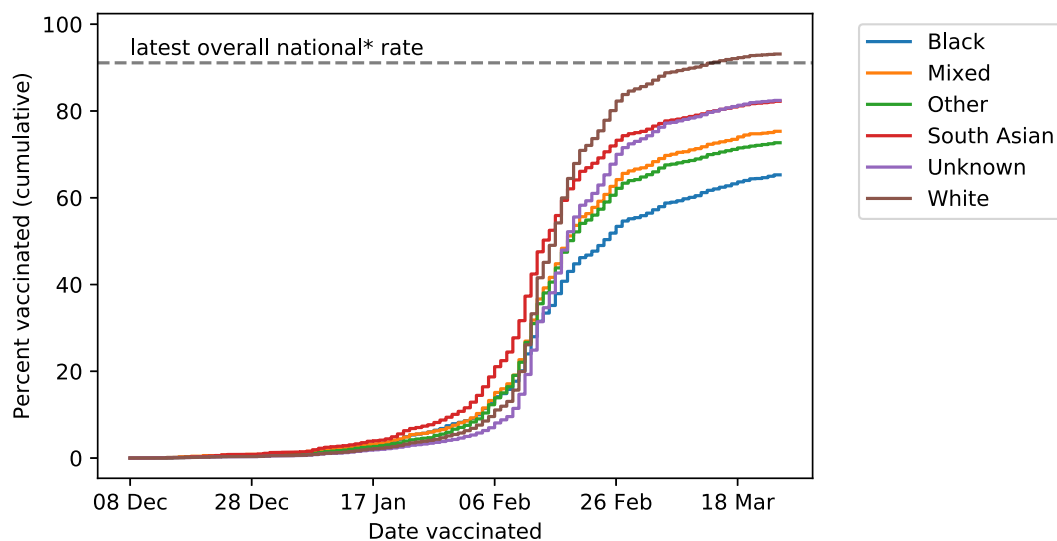
COVID vaccinations among 65-69 population

by Sex



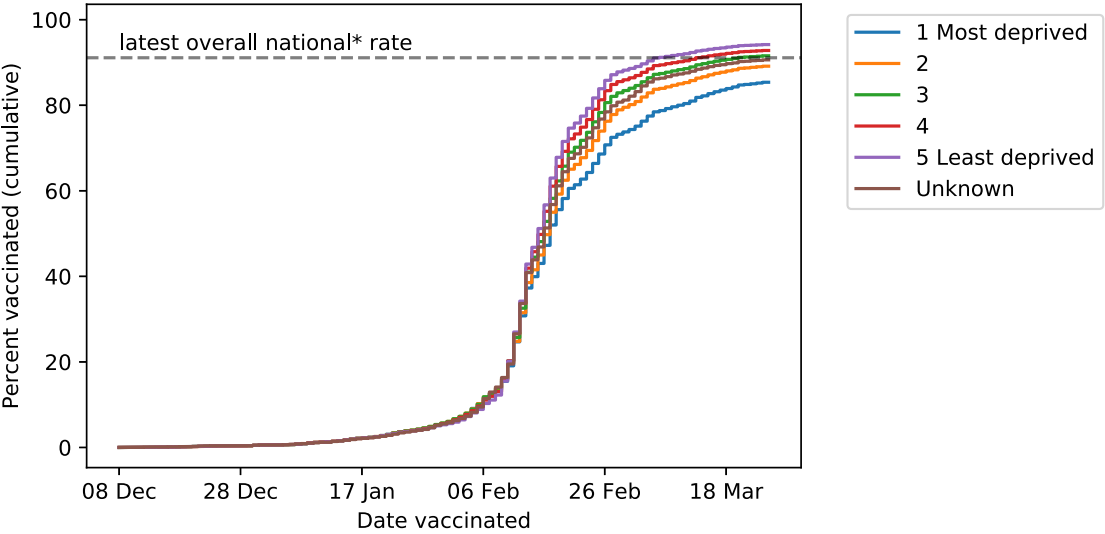
COVID vaccinations among 65-69 population

by Ethnicity (broad categories)



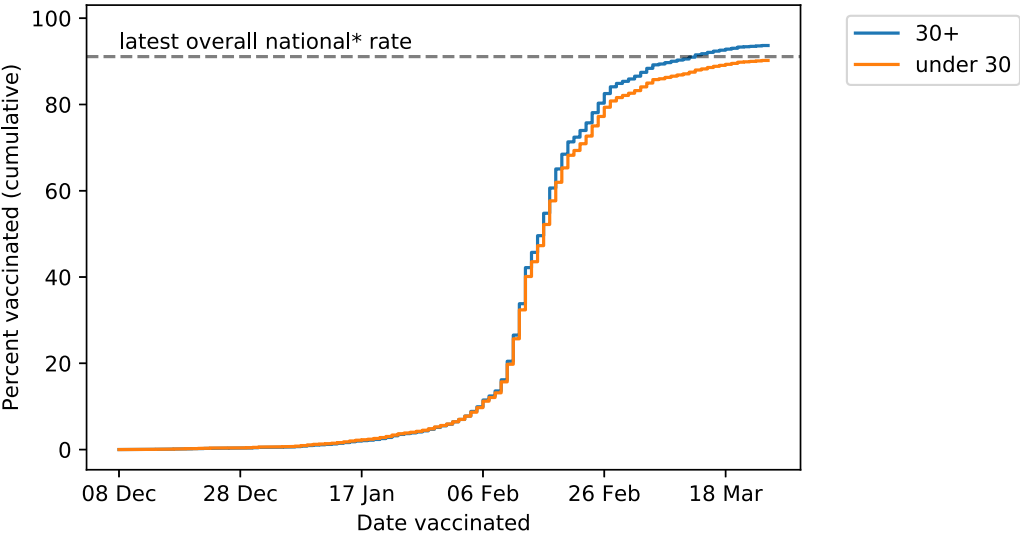
COVID vaccinations among 65-69 population

by Index of Multiple Deprivation (quintiles)



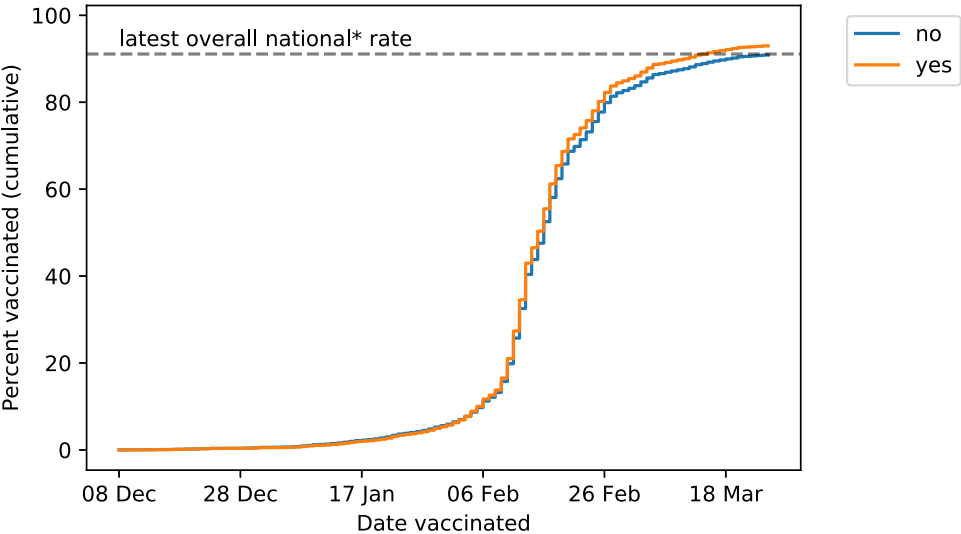
COVID vaccinations among 65-69 population

by BMI



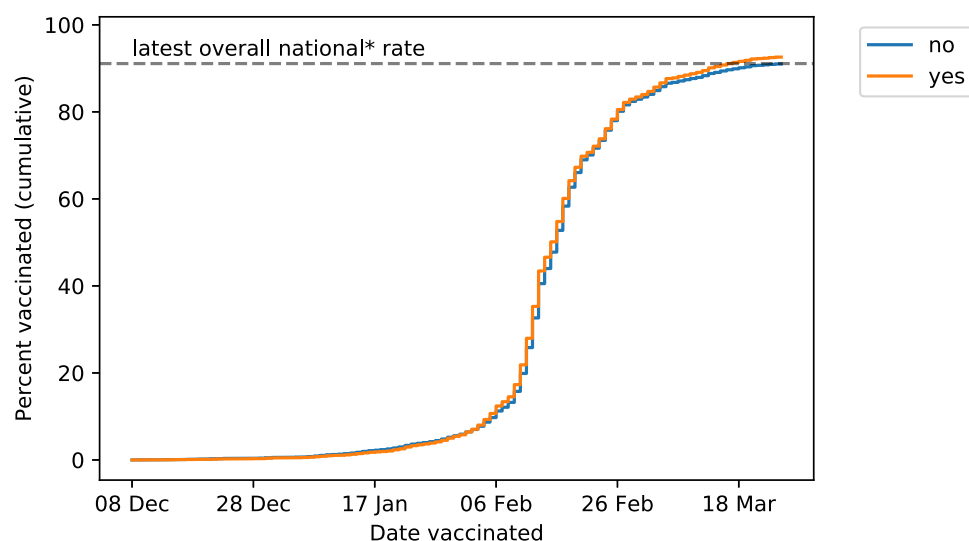
COVID vaccinations among 65-69 population

by Chronic cardiac disease



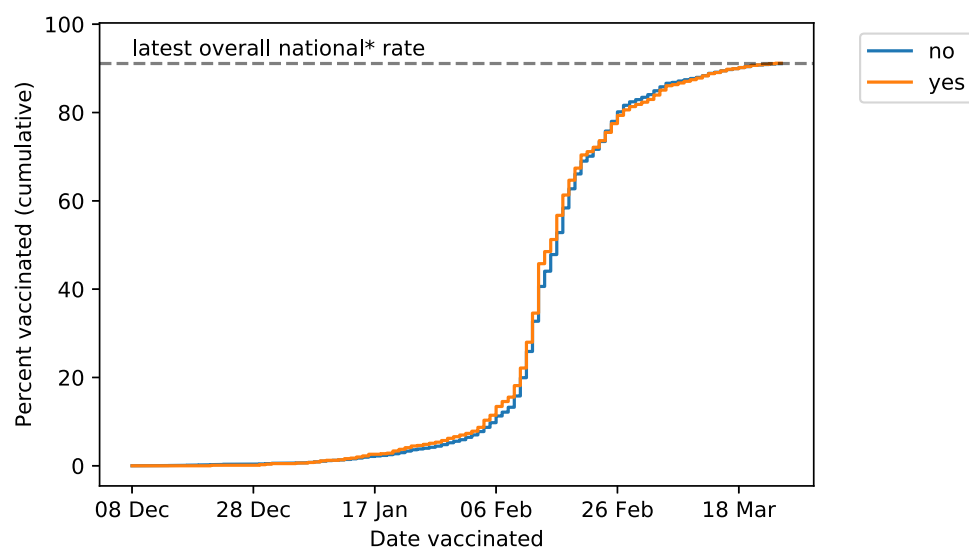
COVID vaccinations among 65-69 population

by Current COPD



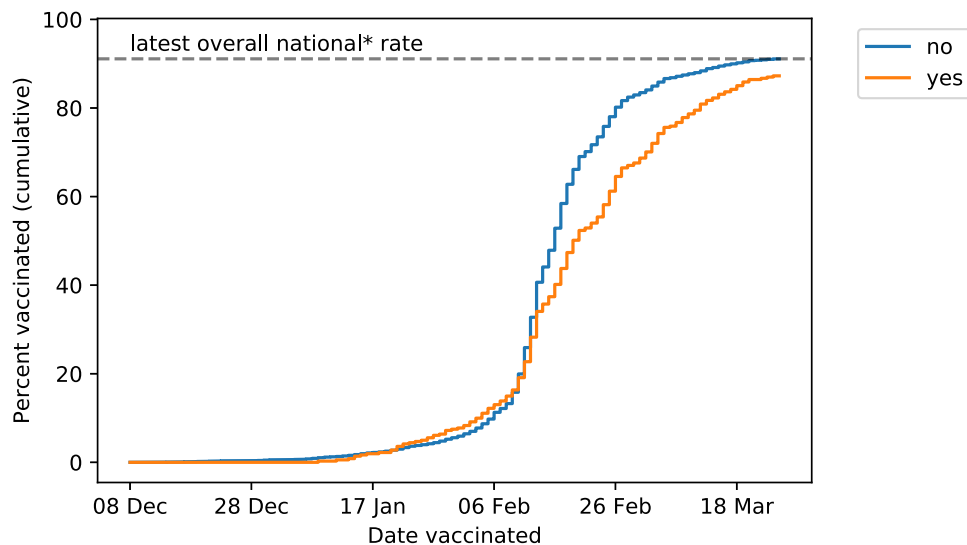
COVID vaccinations among 65-69 population

by Dementia



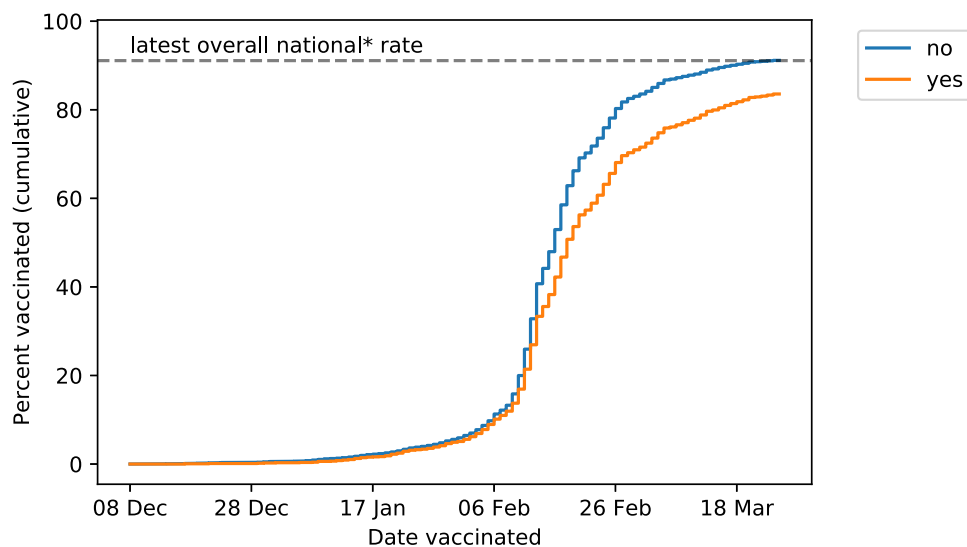
COVID vaccinations among 65-69 population

by Learning disability



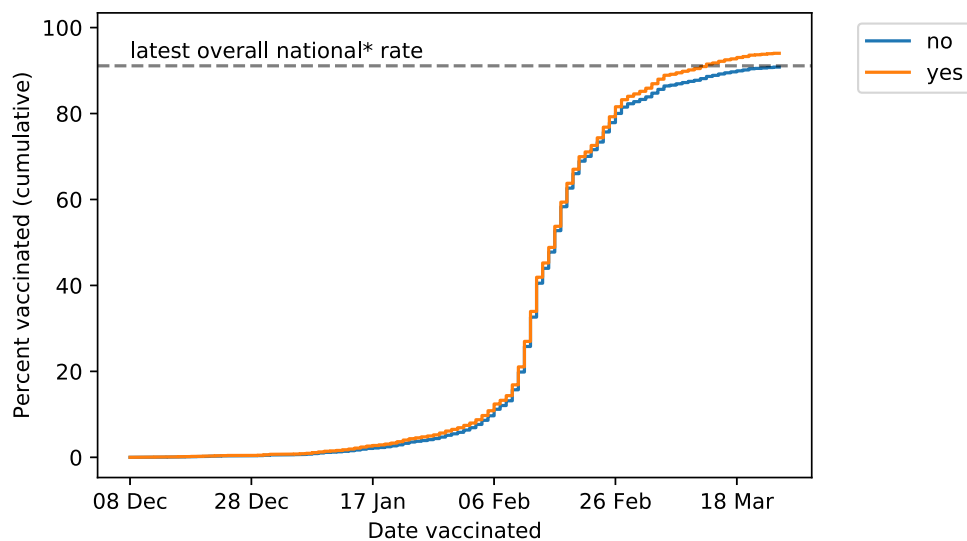
COVID vaccinations among 65-69 population

by Psychosis, schizophrenia, or bipolar



COVID vaccinations among 65-69 population

by SSRI (last 12 months)



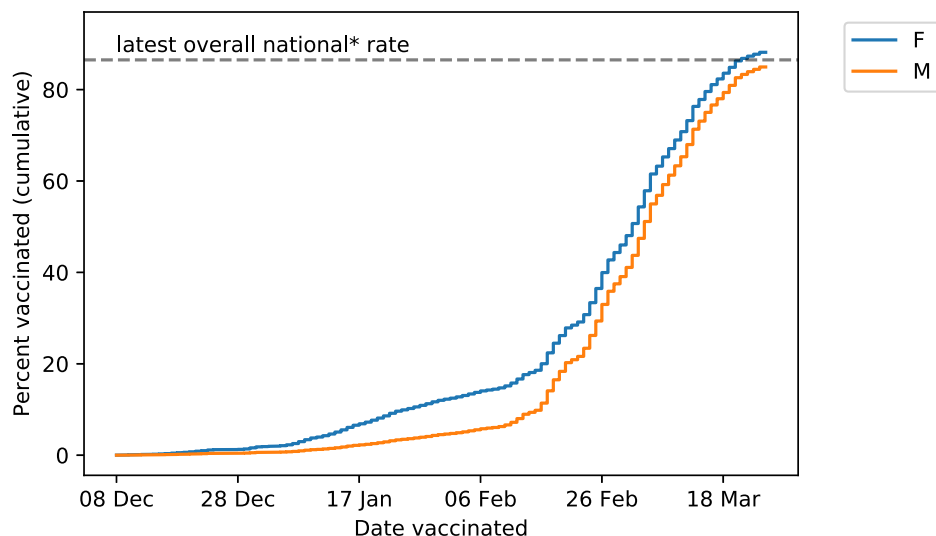
Trends in vaccination rates of 60-64 population according to demographic/clinical features, cumulatively by day.

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

60-64 population

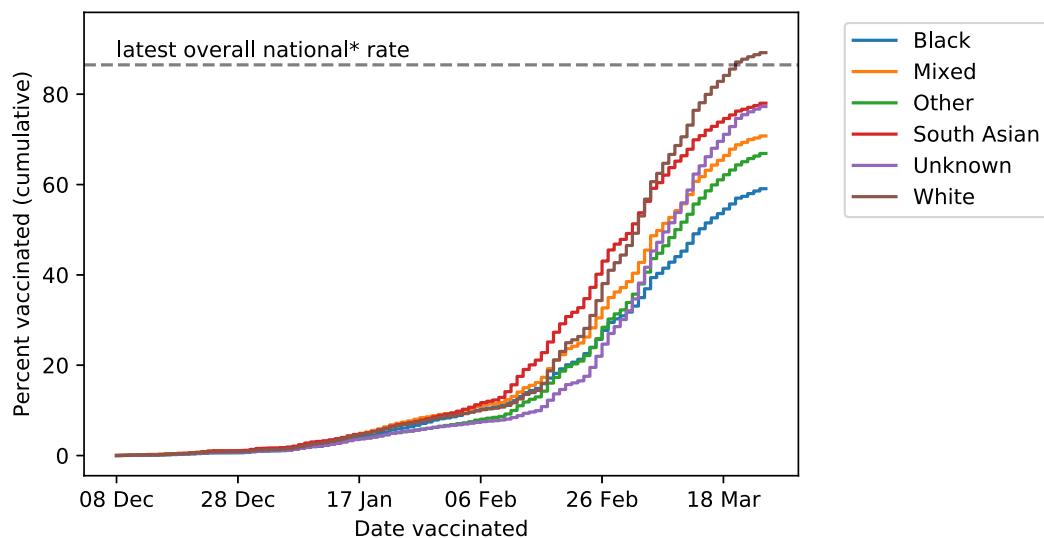
COVID vaccinations among 60-64 population

by Sex



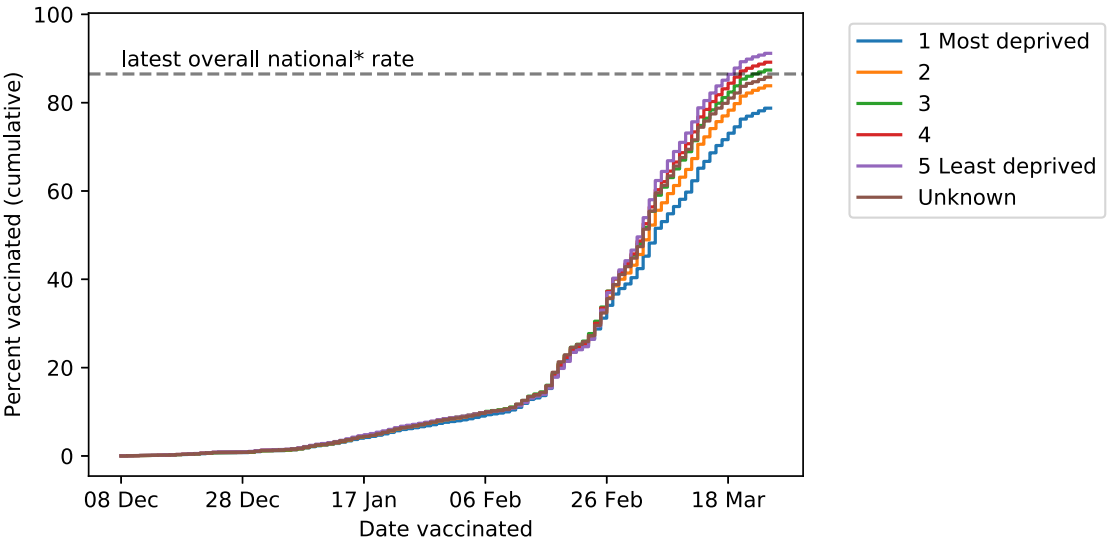
COVID vaccinations among 60-64 population

by Ethnicity (broad categories)



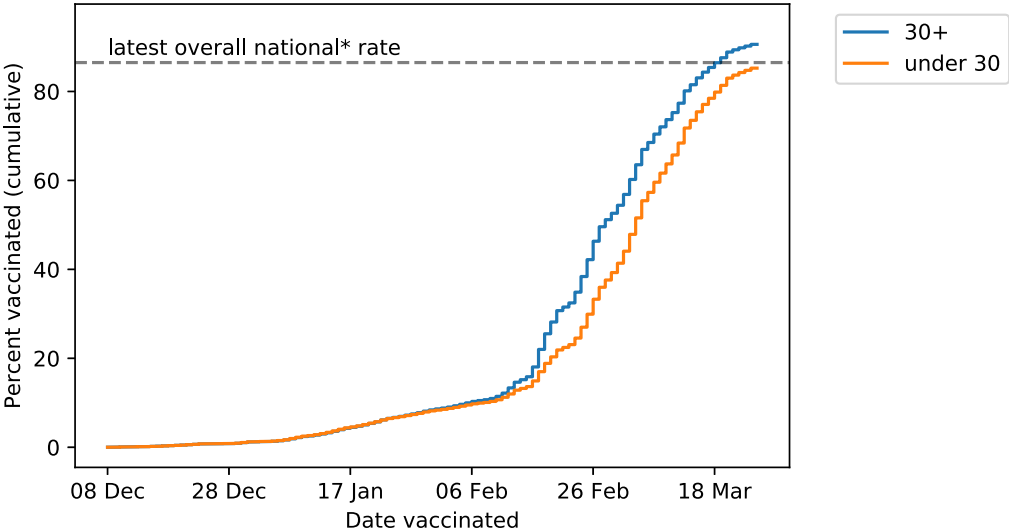
COVID vaccinations among 60-64 population

by Index of Multiple Deprivation (quintiles)



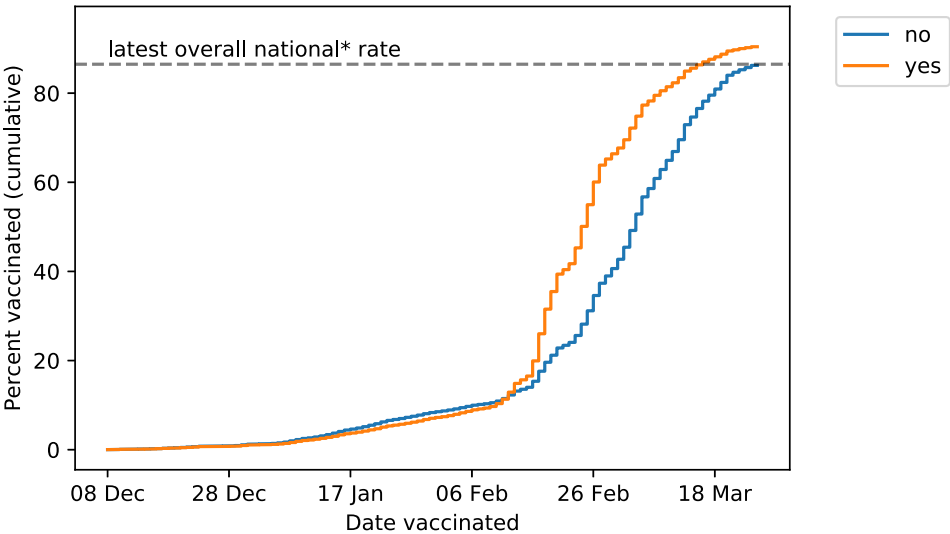
COVID vaccinations among 60-64 population

by BMI



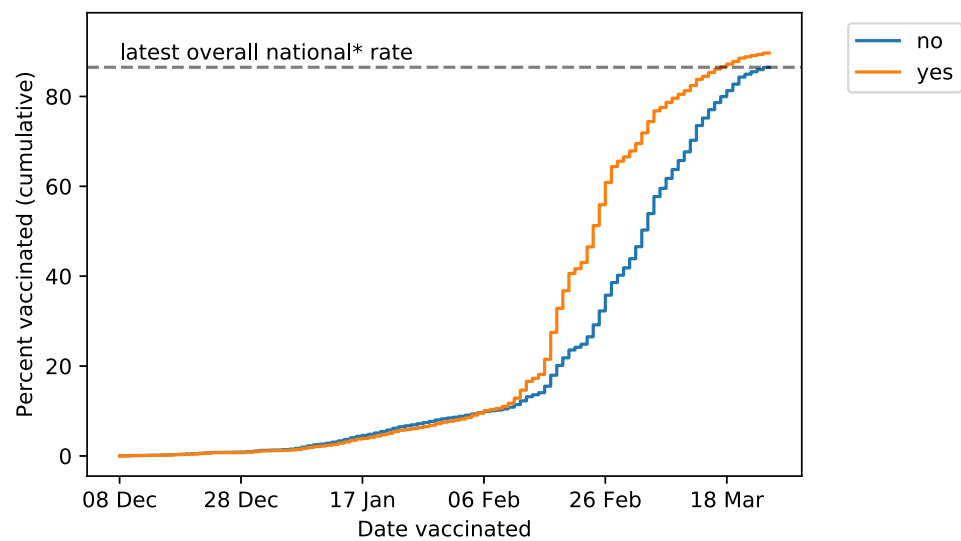
COVID vaccinations among 60-64 population

by Chronic cardiac disease



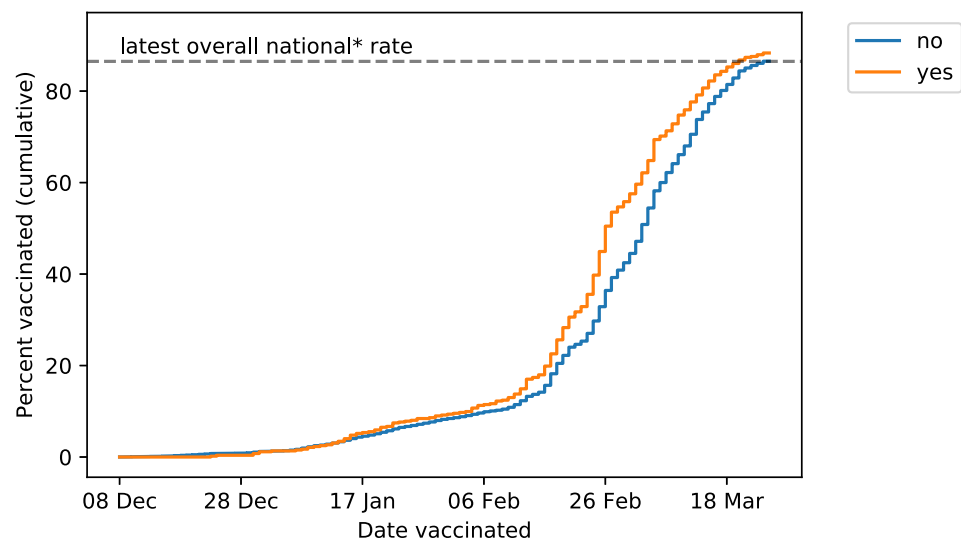
COVID vaccinations among 60-64 population

by Current COPD



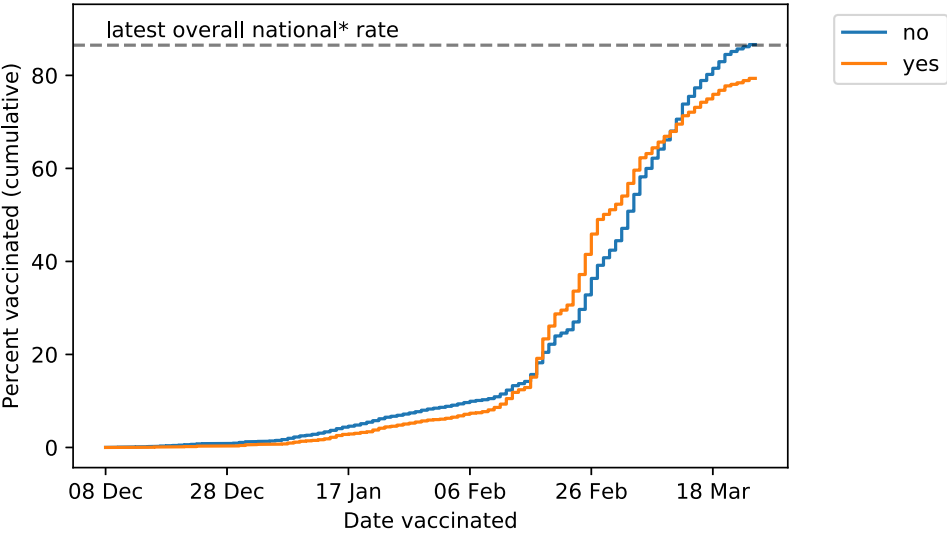
COVID vaccinations among 60-64 population

by Dementia



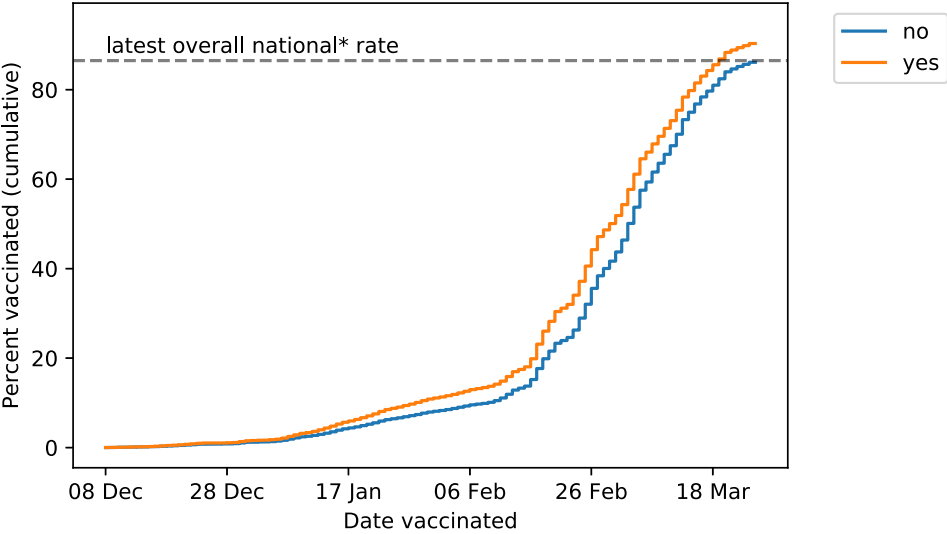
COVID vaccinations among 60-64 population

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 25 Mar (n)	Vaccinated at 25 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Category	Group					
overall	overall	1074241	95.2	1128015	95.1	0.1
Sex	F	622076	95.1	653807	95.0	0.1
	M	452158	95.4	474208	95.2	0.2
Age band	80-84	564375	95.5	590674	95.4	0.1
	85-89	336084	95.4	352464	95.2	0.2
	90+	173775	94.0	184870	93.8	0.2
Ethnicity (broad categories)	Black	8113	73.0	11109	72.6	0.4
	Mixed	2660	81.5	3262	81.1	0.4
	Other	5530	81.7	6769	81.3	0.4
	South Asian	24367	85.2	28595	84.8	0.4
	Unknown	55930	85.7	65247	85.6	0.1
	White	977634	96.5	1013026	96.4	0.1
ethnicity 16 groups	African	1344	63.8	2107	63.1	0.7
	Bangladeshi or British Bangladeshi	1050	79.8	1316	79.3	0.5
	Caribbean	5824	76.1	7658	75.6	0.5
	Chinese	1344	78.7	1708	78.7	0.0
	Other	4193	82.7	5068	82.2	0.5
	Other Asian	3633	82.1	4424	81.5	0.6
	British or Mixed British	928795	96.8	959644	96.7	0.1
	Indian or British Indian	13594	90.3	15057	90.0	0.3
	Irish	9170	94.2	9730	94.0	0.2
	Other Black	952	70.5	1351	69.9	0.6
	Other White	39697	90.9	43673	90.7	0.2
	Other mixed	973	85.3	1141	85.3	0.0
	Pakistani or British Pakistani	6090	78.1	7798	77.4	0.7
	Unknown	55909	85.7	65226	85.6	0.1
	White + Asian	462	85.7	539	85.7	0.0
	White + Black African	259	69.8	371	69.8	0.0
	White + Black Caribbean	952	78.6	1211	78.6	0.0
Index of Multiple Deprivation (quintiles)	1 Most deprived	134295	91.7	146440	91.5	0.2
	2	177646	93.9	189112	93.8	0.1
	3	240506	95.6	251566	95.5	0.1
	4	250194	96.2	260008	96.1	0.1
	5 Least deprived	252728	96.8	260967	96.8	0.0
	Unknown	18872	94.7	19922	94.6	0.1
BMI	30+	189350	96.5	196294	96.3	0.2
	under 30	884884	95.0	931721	94.8	0.2
Chronic cardiac disease	no	749427	94.8	790951	94.6	0.2
	yes	324807	96.4	337064	96.2	0.2
Current COPD	no	960582	95.1	1010016	95.0	0.1
	yes	113659	96.3	117999	96.2	0.1

		Vaccinated at 25 Mar (n)	Vaccinated at 25 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Category	Group					
Dialysis	no	1072239	95.2	1125929	95.1	0.1
	yes	1995	96.0	2079	95.6	0.4
DMARDs	no	1040438	95.2	1093225	95.0	0.2
	yes	33796	97.2	34783	97.0	0.2
Dementia	no	984788	95.3	1033865	95.1	0.2
	yes	89446	95.0	94150	94.8	0.2
Psychosis, schizophrenia, or bipolar	no	1066289	95.3	1119300	95.1	0.2
	yes	7945	91.2	8715	90.8	0.4
Learning disability	no	1073723	95.2	1127462	95.1	0.1
	yes	511	92.4	553	92.4	0.0
SSRI (last 12 months)	no	1007279	95.1	1058946	95.0	0.1
	yes	66955	96.9	69069	96.8	0.1
Chemo or radiotherapy	no	1037463	95.2	1090068	95.0	0.2
	yes	36771	96.9	37947	96.7	0.2
Cancer (lung)	no	1066898	95.2	1120378	95.1	0.1
	yes	7336	96.1	7637	96.0	0.1
Cancer (excluding lung/haem)	no	878976	94.9	926443	94.7	0.2
	yes	195258	96.9	201565	96.7	0.2
Cancer (haematological)	no	1054193	95.2	1107316	95.1	0.1
	yes	20041	96.8	20699	96.7	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 25 Mar (n)	Vaccinated at 25 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Category	Group					
overall	overall	1958167	94.7	2068206	94.5	0.2
Sex	F	1028279	94.9	1084097	94.7	0.2
	M	929887	94.5	984102	94.3	0.2
Age band	70-74	1131725	94.3	1200647	94.1	0.2
	75-79	826441	95.3	867552	95.1	0.2
Ethnicity (broad categories)	Black	10262	69.8	14693	69.2	0.6
	Mixed	5187	80.9	6412	80.3	0.6
	Other	11998	78.7	15253	78.2	0.5
	South Asian	46928	85.4	54943	84.9	0.5
ethnicity 16 groups	Unknown	130277	87.6	148645	87.4	0.2
	White	1753514	95.9	1828253	95.8	0.1
	African	3374	64.0	5271	63.2	0.8
	Bangladeshi or British Bangladeshi	1519	84.1	1806	83.3	0.8
	Caribbean	5124	73.6	6965	73.0	0.6
	Chinese	3164	77.9	4060	77.6	0.3
	Other	8820	78.9	11179	78.4	0.5
	Other Asian	9212	82.5	11165	82.1	0.4
	British or Mixed British	1667400	96.4	1729952	96.3	0.1
	Indian or British Indian	27139	89.5	30338	89.1	0.4
	Irish	14070	92.7	15183	92.5	0.2
	Other Black	1764	71.8	2457	71.5	0.3
	Other White	72065	86.7	83139	86.4	0.3
	Other mixed	2065	82.4	2506	81.8	0.6
	Pakistani or British Pakistani	9058	77.8	11641	77.0	0.8
	Unknown	130263	87.6	148631	87.5	0.1
	White + Asian	1176	86.6	1358	86.6	0.0
	White + Black African	798	74.5	1071	73.9	0.6
	White + Black Caribbean	1148	77.4	1484	76.9	0.5
Index of Multiple Deprivation (quintiles)	1 Most deprived	250012	91.4	273420	91.2	0.2
	2	328153	93.4	351344	93.2	0.2
	3	437122	95.0	460278	94.8	0.2
	4	455126	95.6	476000	95.5	0.1
	5 Least deprived	452032	96.4	469035	96.3	0.1
	Unknown	35721	93.7	38122	93.6	0.1
BMI	30+	491701	96.1	511595	96.0	0.1
	under 30	1466458	94.2	1556604	94.1	0.1
Chronic cardiac disease	no	1603420	94.4	1697976	94.3	0.1
	yes	354746	95.8	370223	95.7	0.1
Current COPD	no	1769733	94.6	1871660	94.4	0.2
	yes	188426	95.9	196539	95.7	0.2
Dialysis	no	1954274	94.7	2064111	94.5	0.2

		Vaccinated at 25 Mar (n)	Vaccinated at 25 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Category	Group					
	yes	3885	95.0	4088	94.7	0.3
DMARDs	no	1888418	94.6	1996134	94.5	0.1
	yes	69748	96.8	72065	96.6	0.2
Dementia	no	1916964	94.7	2024708	94.5	0.2
	yes	41202	94.7	43491	94.4	0.3
Psychosis, schizophrenia, or bipolar	no	1939784	94.7	2047668	94.6	0.1
	yes	18382	89.5	20531	89.2	0.3
Learning disability	no	1955359	94.7	2065133	94.5	0.2
	yes	2800	91.3	3066	90.4	0.9
SSRI (last 12 months)	no	1808597	94.5	1913471	94.4	0.1
	yes	149569	96.7	154728	96.5	0.2
Chemo or radiotherapy	no	1891134	94.6	1998843	94.5	0.1
	yes	67025	96.6	69356	96.5	0.1
Cancer (lung)	no	1946084	94.7	2055543	94.5	0.2
	yes	12082	95.5	12656	95.2	0.3
Cancer (excluding lung/haem)	no	1682135	94.4	1782305	94.2	0.2
	yes	276031	96.6	285894	96.4	0.2
Cancer (haematological)	no	1928899	94.7	2037819	94.5	0.2
	yes	29260	96.3	30380	96.2	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 care home population

Please refer to footnotes below table for information.

		Vaccinated at 25 Mar (n)	Vaccinated at 25 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Category	Group					
overall	overall	79068	94.7	83510	94.3	0.4
Sex	F	56364	95.1	59283	94.8	0.3
	M	22701	93.7	24227	93.2	0.5
Age band	65-69	4249	90.6	4690	89.7	0.9
	70-74	6587	92.3	7140	91.6	0.7
	75-79	9107	93.9	9702	93.4	0.5
	80-84	13734	95.0	14455	94.6	0.4
	85-89	18508	95.5	19390	95.2	0.3
	90+	26880	95.6	28126	95.3	0.3
Ethnicity (broad categories)	Black	385	84.6	455	83.1	1.5
	Mixed	196	87.5	224	87.5	0.0
	Other	343	92.5	371	90.6	1.9
	South Asian	616	90.7	679	89.7	1.0
	Unknown	2044	91.2	2240	90.6	0.6
	White	75488	94.9	79541	94.5	0.4
Dementia	no	35735	93.3	38290	92.9	0.4
	yes	43330	95.8	45220	95.5	0.3

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 25 Mar (n)	Vaccinated at 25 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
overall	overall	693144	84.6	819210	83.3	1.3
newly shielded since feb 15	no	448448	89.2	502593	88.6	0.6
	yes	244692	77.3	316624	74.8	2.5
Sex	F	385112	83.7	460264	82.3	1.4
	M	308021	85.8	358932	84.6	1.2
Age band	16-29	49406	72.1	68516	70.2	1.9
	30-39	93401	74.2	125888	72.2	2.0
	40-49	134890	82.2	164171	80.4	1.8
	50-59	198569	88.1	225484	86.8	1.3
	60-69	216867	92.2	235137	91.6	0.6
Ethnicity (broad categories)	Black	27755	62.6	44324	60.4	2.2
	Mixed	9940	70.0	14196	68.1	1.9
	Other	12670	70.3	18011	68.4	1.9
	South Asian	81375	75.4	107919	73.0	2.4
	Unknown	27104	82.4	32886	80.7	1.7
Index of Multiple Deprivation (quintiles)	White	534289	88.8	601874	87.8	1.0
	1 Most deprived	191555	78.8	243075	77.0	1.8
	2	154714	83.3	185696	81.9	1.4
	3	134967	86.9	155267	85.8	1.1
	4	108717	89.6	121394	88.6	1.0
	5 Least deprived	86688	92.0	94220	91.2	0.8
Learning disability	Unknown	16506	84.4	19551	82.9	1.5
	no	669613	84.5	792428	83.2	1.3
	yes	23520	87.9	26768	86.7	1.2

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 25 Mar (n)	Vaccinated at 25 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
overall	overall	977074	91.1	1072834	90.2	0.9
Sex	F	503069	91.8	547967	91.0	0.8
	M	473998	90.3	524860	89.3	1.0
Ethnicity (broad categories)	Black	7042	65.3	10787	63.7	1.6
	Mixed	3696	75.3	4907	74.0	1.3
	Other	8568	72.7	11788	71.5	1.2
	South Asian	35658	82.2	43358	81.2	1.0
	Unknown	85176	82.4	103320	81.3	1.1
	White	836941	93.1	898674	92.3	0.8
	White	836941	93.1	898674	92.3	0.8
ethnicity 16 groups	African	2681	62.7	4277	61.0	1.7
	Bangladeshi or British Bangladeshi	1442	84.1	1715	82.4	1.7
	Caribbean	2947	65.5	4501	63.9	1.6
	Chinese	2786	73.6	3787	72.1	1.5
	Other	5789	72.4	8001	71.2	1.2
	Other Asian	6580	81.1	8113	80.3	0.8
	British or Mixed British	792743	94.2	841302	93.4	0.8
	Indian or British Indian	19789	86.9	22785	86.1	0.8
	Irish	5796	88.9	6517	88.1	0.8
	Other Black	1414	70.4	2009	68.6	1.8
	Other White	38423	75.5	50883	74.5	1.0
	Other mixed	1428	75.3	1897	74.2	1.1
	Pakistani or British Pakistani	7840	72.9	10759	71.2	1.7
	Unknown	85141	82.4	103278	81.3	1.1
	White + Asian	854	84.1	1015	83.4	0.7
	White + Black African	602	68.3	882	66.7	1.6
	White + Black Caribbean	805	71.9	1120	70.6	1.3
Index of Multiple Deprivation (quintiles)	1 Most deprived	130900	85.4	153328	83.9	1.5
	2	168245	89.1	188762	88.0	1.1
	3	217021	91.6	237027	90.7	0.9
	4	222509	92.8	239771	92.1	0.7
	5 Least deprived	218813	94.2	232330	93.6	0.6
	Unknown	19579	90.6	21609	89.7	0.9
BMI	30+	251209	93.7	268177	92.8	0.9
	under 30	725858	90.2	804650	89.3	0.9
Chronic cardiac disease	no	873845	90.9	961793	90.0	0.9
	yes	103229	93.0	111034	92.1	0.9
Current COPD	no	939288	91.0	1032024	90.1	0.9
	yes	37779	92.6	40803	91.6	1.0
DMARDs	no	958314	91.0	1053017	90.1	0.9
	yes	18753	94.6	19817	93.9	0.7
Dementia	no	971943	91.1	1067199	90.2	0.9

Category	Group	Vaccinated at 25 Mar (n)	Vaccinated at 25 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Psychosis, schizophrenia, or bipolar	yes	5131	91.2	5628	90.2	1.0
	no	967323	91.2	1061158	90.3	0.9
	yes	9751	83.6	11669	81.8	1.8
Learning disability	no	974862	91.1	1070300	90.2	0.9
	yes	2205	87.3	2527	85.0	2.3
SSRI (last 12 months)	no	891541	90.8	981848	89.9	0.9
	yes	85533	94.0	90979	93.0	1.0
	no	958384	91.0	1053045	90.1	0.9
Chemo or radiotherapy	yes	18690	94.4	19789	93.7	0.7
	no	975450	91.1	1071049	90.2	0.9
Cancer (lung)	yes	1624	91.0	1785	89.8	1.2
	no	894544	90.8	985285	89.9	0.9
Cancer (excluding lung/haem)	yes	82523	94.3	87542	93.6	0.7
	no	973609	91.1	1069096	90.2	0.9
Cancer (haematological)	yes	3465	92.9	3731	92.3	0.6

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 25 Mar (n)	Vaccinated at 25 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Category	Group					
overall	overall	60342	74.7	80759	70.8	3.9
Sex	F	23737	77.8	30513	74.0	3.8
	M	36603	72.9	50239	68.8	4.1
Age band	16-29	22120	66.9	33075	62.5	4.4
	30-34	7728	73.5	10514	69.4	4.1
	35-39	5901	77.7	7595	74.1	3.6
	40-44	4795	80.4	5964	76.6	3.8
	45-49	4942	81.3	6076	77.9	3.4
	50-54	5369	83.6	6426	80.1	3.5
	55-59	5411	84.8	6384	81.0	3.8
	60-64	4074	86.4	4718	83.7	2.7
Ethnicity (broad categories)	Black	644	48.7	1323	45.5	3.2
	Mixed	595	55.9	1064	51.3	4.6
	Other	385	57.9	665	53.7	4.2
	South Asian	2611	56.7	4606	52.7	4.0
	Unknown	4711	71.2	6615	66.7	4.5
	White	51394	77.3	66479	73.5	3.8

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 25 Mar (n)	Vaccinated at 25 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
overall	overall	1105619	86.5	1277514	81.5	5.0
Sex	F	559860	88.2	635047	83.6	4.6
	M	545755	84.9	642453	79.4	5.5
Ethnicity (broad categories)	Black	11522	59.1	19502	54.6	4.5
	Mixed	5607	70.8	7924	66.4	4.4
	Other	10745	66.9	16065	62.2	4.7
	South Asian	40817	78.0	52318	74.6	3.4
	Unknown	111237	77.3	143948	71.1	6.2
	White	925694	89.2	1037750	84.2	5.0
	White	925694	89.2	1037750	84.2	5.0
ethnicity 16 groups	African	4557	59.4	7672	54.9	4.5
	Bangladeshi or British Bangladeshi	1799	80.3	2240	75.6	4.7
	Caribbean	4529	57.7	7847	53.2	4.5
	Chinese	3311	69.7	4753	63.5	6.2
	Other	7434	65.6	11326	61.6	4.0
	Other Asian	8484	76.5	11088	73.2	3.3
	British or Mixed British	872886	90.8	960883	85.7	5.1
	Indian or British Indian	21756	82.9	26229	79.9	3.0
	Irish	5453	83.5	6531	80.0	3.5
	Other Black	2429	61.0	3983	56.8	4.2
	Other White	47362	67.3	70343	63.0	4.3
	Other mixed	2142	70.8	3024	67.4	3.4
	Pakistani or British Pakistani	8778	68.8	12761	64.9	3.9
	Unknown	111230	77.3	143934	71.1	6.2
	White + Asian	1176	80.8	1456	76.4	4.4
	White + Black African	980	66.4	1477	61.1	5.3
	White + Black Caribbean	1309	66.5	1967	61.9	4.6
	1 Most deprived	156310	78.8	198471	73.1	5.7
	2	194110	83.8	231560	78.3	5.5
	3	242410	87.4	277403	82.4	5.0
	4	248675	89.2	278887	84.4	4.8
Index of Multiple Deprivation (quintiles)	5 Least deprived	242025	91.2	265447	86.4	4.8
	Unknown	22078	85.8	25739	81.0	4.8
	Unknown	22078	85.8	25739	81.0	4.8
BMI	30+	280987	90.6	310163	86.5	4.1
	under 30	824628	85.2	967344	79.9	5.3
Chronic cardiac disease	no	1021377	86.2	1184351	80.9	5.3
	yes	84238	90.4	93156	88.2	2.2
Current COPD	no	1074591	86.5	1242899	81.3	5.2
	yes	31024	89.7	34601	87.2	2.5
DMARDs	no	1086505	86.5	1256766	81.3	5.2
	yes	19110	92.1	20741	89.1	3.0
Dementia	no	1102381	86.5	1273846	81.5	5.0

Category	Group	Vaccinated at 25 Mar (n)	Vaccinated at 25 Mar (%)	Total eligible	Previous week's vaccination coverage (%)	Vaccinated over last 7d (%)
Psychosis, schizophrenia, or bipolar SSRI (last 12 months)	yes	3234	88.3	3661	85.3	3.0
	no	1093932	86.6	1262786	81.5	5.1
	yes	11683	79.4	14721	75.9	3.5
	no	989779	86.1	1149253	81.0	5.1
	yes	115836	90.3	128254	85.6	4.7
	no	1088990	86.5	1259440	81.4	5.1
Chemo or radiotherapy Cancer (lung)	yes	16625	92.0	18067	88.1	3.9
	no	1104593	86.5	1276324	81.5	5.0
	yes	1022	86.4	1183	83.4	3.0
Cancer (excluding lung/haem)	no	1039885	86.3	1205589	81.1	5.2
	yes	65730	91.4	71918	87.4	4.0
Cancer (haematological)	no	1102521	86.5	1274112	81.4	5.1
	yes	3094	91.3	3388	89.5	1.8

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 25 Mar (n)	Previous week's vaccination figure (n)	Vaccinated over last 7d (n)	Increase in coverage over last 7d (%)
Category	Group				
overall	overall	4129702	3263110.0	866592.0	26.6
Sex	F	2359315	1948191.0	411124.0	21.1
	M	1770314	1314859.0	455455.0	34.6
Age band	16-29	479850	426314.0	53536.0	12.6
	30-39	600264	534065.0	66199.0	12.4
	40-49	828716	699923.0	128793.0	18.4
	50-59	2220806	1602755.0	618051.0	38.6
Ethnicity (broad categories)	Black	74627	63049.0	11578.0	18.4
	Mixed	43043	35819.0	7224.0	20.2
	Other	64358	51940.0	12418.0	23.9
	South Asian	252259	213493.0	38766.0	18.2
	Unknown	385266	281015.0	104251.0	37.1
	White	3310076	2617741.0	692335.0	26.4
ethnicity 16 groups	African	44121	38010.0	6111.0	16.1
	Bangladeshi or British Bangladeshi	17458	14231.0	3227.0	22.7
	Caribbean	14749	11984.0	2765.0	23.1
	Chinese	14707	11053.0	3654.0	33.1
	Other	49672	40901.0	8771.0	21.4
	Other Asian	59612	50834.0	8778.0	17.3
	British or Mixed British	3059014	2420607.0	638407.0	26.4
	Indian or British Indian	113792	96355.0	17437.0	18.1
	Irish	19467	15505.0	3962.0	25.6
	Other Black	15750	13048.0	2702.0	20.7
	Other White	231644	181664.0	49980.0	27.5
	Other mixed	15330	12509.0	2821.0	22.6
	Pakistani or British Pakistani	61397	52073.0	9324.0	17.9
	Unknown	385203	280966.0	104237.0	37.1
	White + Asian	9926	8302.0	1624.0	19.6
	White + Black African	8379	7133.0	1246.0	17.5
	White + Black Caribbean	9408	7875.0	1533.0	19.5
Index of Multiple Deprivation (quintiles)	1 Most deprived	699237	573762.0	125475.0	21.9
	2	770616	616371.0	154245.0	25.0
	3	876036	689290.0	186746.0	27.1
	4	861196	669200.0	191996.0	28.7
	5 Least deprived	820463	631575.0	188888.0	29.9
	Unknown	102074	82859.0	19215.0	23.2
BMI	30+	1016988	850591.0	166397.0	19.6
	under 30	3112641	2412459.0	700182.0	29.0
Chronic cardiac disease	no	3979262	3125892.0	853370.0	27.3
	yes	150367	137158.0	13209.0	9.6
Current COPD	no	4079068	3216766.0	862302.0	26.8

		Vaccinated at 25 Mar (n)	Previous week's vaccination figure (n)	Vaccinated over last 7d (n)	Increase in coverage over last 7d (%)
Category	Group				
DMARDs	yes	50561	46284.0	4277.0	9.2
	no	4065278	3206539.0	858739.0	26.8
	yes	64351	56518.0	7833.0	13.9
SSRI (last 12 months)	no	3545003	2775710.0	769293.0	27.7
	yes	584626	487340.0	97286.0	20.0

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 in inpatients, outpatients or A&E over the last ~5 years (or latest if tied).
- Patient counts are rounded to the nearest 7

	total population (n)	ethnicity coverage (%)
group		
80+	1128015	94.2
70-79	2068206	92.8
care home	83510	97.3
shielding (aged 16-69)	819210	96.0
65-69	1072834	90.4
LD (aged 16-64)	80759	91.8
60-64	1277514	88.7