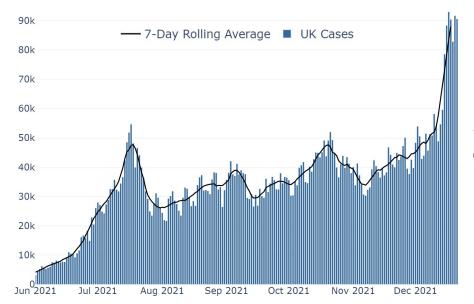


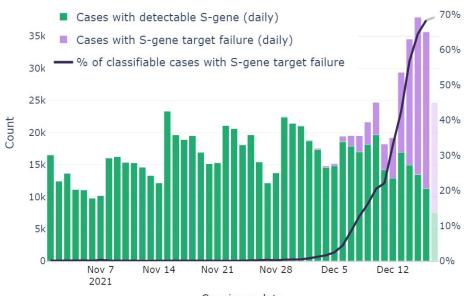
# Cabinet Office

# **COVID Data Briefing**

21 December 2021



**Note:** Daily totals reported are for positive tests recorded in preceding days.

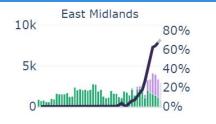


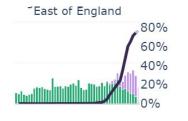
Specimen date





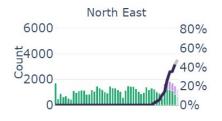
### **English regions S-gene target failure cases**



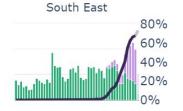




- Cases with detectable S-gene (daily)
- Cases with S-gene target failure (daily)













**Note:** Latest day is subject to change.

### UK change in case rate (left), cases over time for English regions (right)

Case

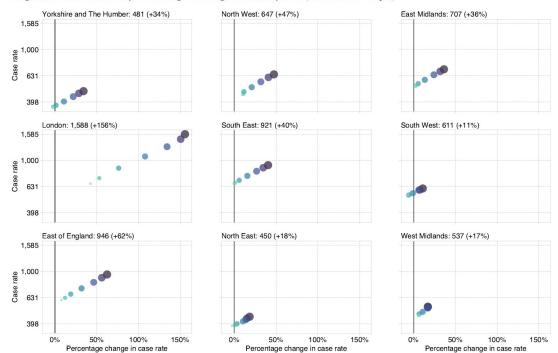
Case

-16.4% Na h--1.5% 23% 30% 20% Highl Moray Aberd Aberd 28% 22% 58% Perth Angus Dunde 73% 47% 53% 30% Argyl Stirl Clack Fife 55% 40% 30% West East Falki 61% 55% 67% 112% 46% Renfr North West City East 13% 78% 68% 70% 34% Inver Glasg South Midlo Scott 52% 48% 11% 4% 20% 18% 26% North East East Dumfr North North South 14% 27% 14% 26% 16% 8% Carli Newca Gates Sunde Hartl Bedca South 8% 76% 23% 23% 14% 1% 9% 3% Copel Aller Eden Count Darli Stock Middl Scarb 2% .2 9% Cause Mid a 26% 12% 26% 41% 62% 34% 59% 29% -13.1% 31% 49% 37% Derry Mid U Belfa Barro Lanca South Ribbl Crave Richm Harro York Hambl 26% 28% -3.5% 14% 18% 43% 52% 51% 20% 76% 34% 46% Ferma Armag Antri Ards Wyre Fylde Prest Pendl Bradf Leeds Selby Ryeda East 11% -7.1% 16% 60% 17% 18% 21% 46% 5% 25% 9% Lisbu Newry Black South Black Hyndb Burnl Calde Wakel Donca Kings 28% 15% 65% 67% 41% 29% 39% 3% 3% -15.3% Sefto Chorl Bolto Bury Rosse Rochd Kirkl Barns North North 35% 16% 36% 87% 54% 57% 58% 92% 56% -2.0% 8% Liver West Wigan Salfo Oldha Tames High Sheff Rothe West East 28% 15% 36% 63% 126% 76% 36% 20% 27% 12% 22% -5.6% Wirra Knows St.H Traff Manch Stock Derby North Chest Basse Linco Bosto Stock Derby North Chest Basse Linco Bosto 20% 40% 8% 50% -10.0% 24% 35% 21% 31% 47% 27% 11% 389 Halto Warri Chesh Chesh East Derby Amber Bolso Ashfi Newar North North Great -5.0% 66% 0.2% 3% 23% 53% 60% 47% -3.0% 19% 22% 27% 23% 35% 37% Wrexh Newca Stoke Staff South Erewa Broxt Mansf Melto South South Fenia King Breck Broad 1% -12.9% 4% 8% 15% 10% 49% 12% 50% 19% 17% 18% 38% 30% 78% 55% Denbi Staff South Canno Licht North Rushc Noti 22% -7.5% 22% -3.9% 14% 11% -8.3% 29% 75% 44% 30% 39% 40% 24% 48% 62% 34% 86% ConwyGwyne Flint Telfo Wolve Walsa Tamwo Hinck Charn Rutla North Welli Bedfo Hunti Cambr South Baber 8% -7.1% 10% 22% 23% 32% 50% 44% 7% 27% 32% 58% 32% 30% 70% Powys Shrop Wyre Dudle Sandw Nunea Leice Oadby South Milto Centr Luton South West Mid S Tendr 41% 32% -10.2% 25% 30% 6% 60% 21% 3% 52% 93% 103% 78% 68% 100% Merth Monmo Heref Broms Birmi North Warwi Blaby Daven Ayles Dacor St Al North Steve Uttle Brain Colch 9% 38% 12% 3% 31% 40% 62% 35% 27% 10% 70% 79% 89% 118% 84% 114% 75% 36% Cered Rhond Caerp Fores Malve Solih Coven Rugby Cherw Harbo Chilt Three Watto Herts Welwy East Chelm Maldo 8% -2.9% -1.3% 6% -11.1% -3.0% -0.9% 8% -21.4% -2.5% 42% 33% 105% 105% 119% Carma Bridg Blaen Torfa Glouc Tewke Worce Wycha Reddi Strat Wycom South Harro Barne Enfie 111% 72% 80% Basil Rocht Broxb 202% 195% 107% 118% 54% Gene condo Ling Redbr Eppin Harlo South 15% 26% 9% 56% 5% -0.1% 24% 38% 21% 29% 23% 18% 59% 92% Pembr Swans Neath Cardi Newpo South Strou Cotsw Chelt West South Sloug Winds Hilli 33% 72% 44% 36% 20% 79% 65% 88% 87% 86% 46% Thurr Castl Vale Brist Bath Swind Vale Oxfor Wokin Runny Houns 16% 24% 21% 16% 49% 62% 62% 62% 59% 119% Sedge North Wilts Test West Readi Brack Surre Spelt Bark -16.2% 21% 11% -3.0% 54% 13% 49% 32% 37% 71% 114% 246 67% 55% 26% North Somer South Mendi South Fareh Basin Hart Rushm Wokin Richm Dartf Grave Swale -20.5%-11.8% 4% 21% 16% 26% 68% 36% 46% 76% 86% 106% West Mid D Dorse Bourn New F East Winch East Waver Guild Elmbr Kings 61% 40% 49% 14% Sutto Tonbr Maids Medwa Thane -29.5% 6% -5.8% -19.8% -3.9% -5.2% 20% -2.3% 56% 34% 77% 57% 30% 47% 26% Torri Exete East Gospo Ports Havan Chich Arun Mole Crawl Seven Tunbr Ashfo Cante Dover 19% 43% 57% 43% 76% 8% 10% 35% Worth Horsh Reiga Mid S Tandr Rothe Hasti Folke 0 194 -15 494-12 394 -7 994 -3 0% Cornw Plymo Torba Teign Isle 18% 55% 4% 32% 10% -9.8%

Adur Brigh Lewes Weald Eastb

Shetl

#### Regional case-rate vs percentage change scatter plots (last seven days)

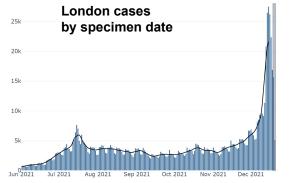


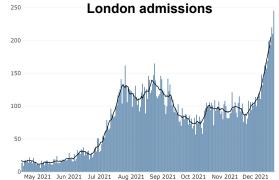
Note: Data for each day is represented by a filled circle. The larger and darker the circle the more recent the data point. The date of the most recent data point is 17 Dec 21.



South

### London cases and admissions



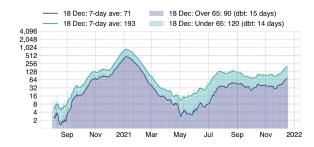


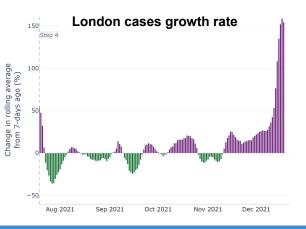
#### London cases by age cohort

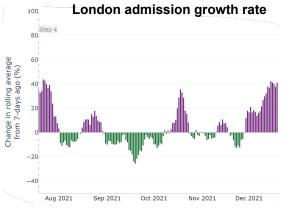
			100						110	
90+	75	78	103	61	63	82	72	87	110	232
85 — 89	66	89	77	71	64	77	63	87	112	190
80 — 84	81	84	89	62	66	58	63	74	93	205
75 — 79	108	129	116	77	90	59	66	72	111	251
70 — 74	133	146	150	101	94	79	75	95	129	308
65 — 69	155	188	178	150	149	119	114	139	173	427
60 <b>—</b> 64	179	203	206	209	204	211	202	215	253	665
55 — 59	199	248	252	222	232	259	255	296	381	896
50 <b>—</b> 54	213	286	289	243	269	297	324	396	462	1,053
45 — 49	303	369	362	309	343	401	456	581	660	1,418
40 — 44	311	383	392	357	375	431	526	667	812	1,781
35 — 39	206	260	272	259	297	333	389	490		1,995
30 — 34	173	210	219	235	264	290	340	439	796	2,752
25 — 29	164	198	215	222	252	275	309	415	962	3,627
20 — 24	165	200	190	201	237	243	268	367	860	2,859
15 — 19	483	513	353	325	329	380	460	601	728	1,618
10 — 14	843	949	573	442	533	698	871	1,053	979	1,428
5 — 9	324	358	291	296	411		681	814	806	954
0 - 4	78	85	79	105	115	156	162	207	238	340
	15 Oct	22 Oct	20 Oct	05 Nov	12 Nov	10 Nov	26 Nov	02 Doc	10 Doc	17 Doo

15 Oct 22 Oct 29 Oct 05 Nov 12 Nov 19 Nov 26 Nov 03 Dec 10 Dec 17 Dec

#### Hospital admissions (log scale): 20 Dec 21

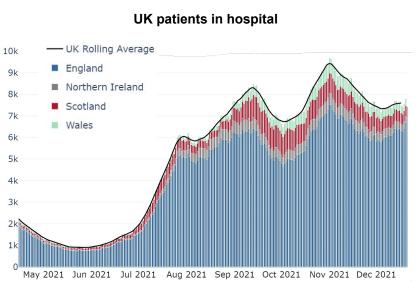








### UK hospital occupancy and admissions



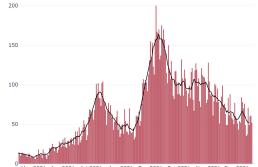
### England admissions



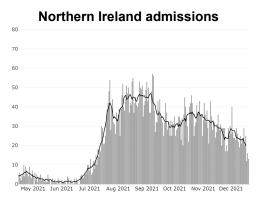
#### Wales admissions



#### **Scotland admissions**



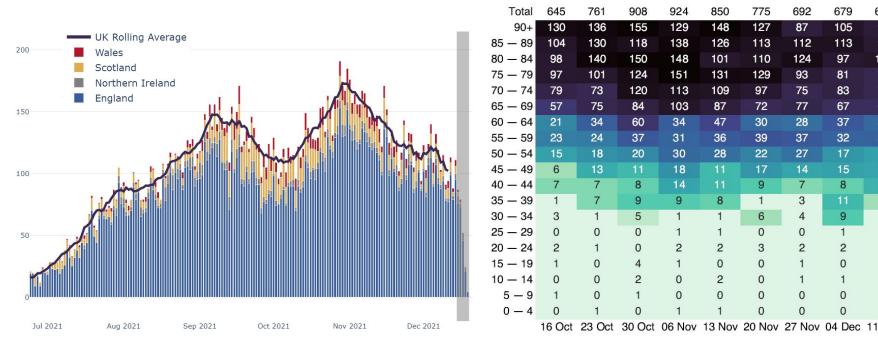
May 2021 Jun 2021 Jul 2021 Aug 2021 Sep 2021 Oct 2021 Nov 2021 Dec 2021





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### Rolling seven day deaths by age cohort

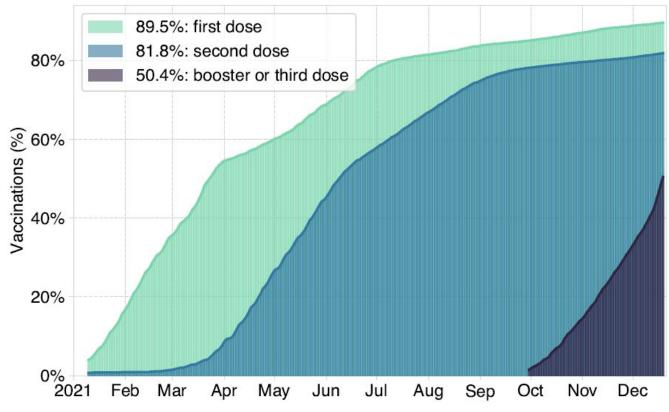
Note: Subject to upward revision.



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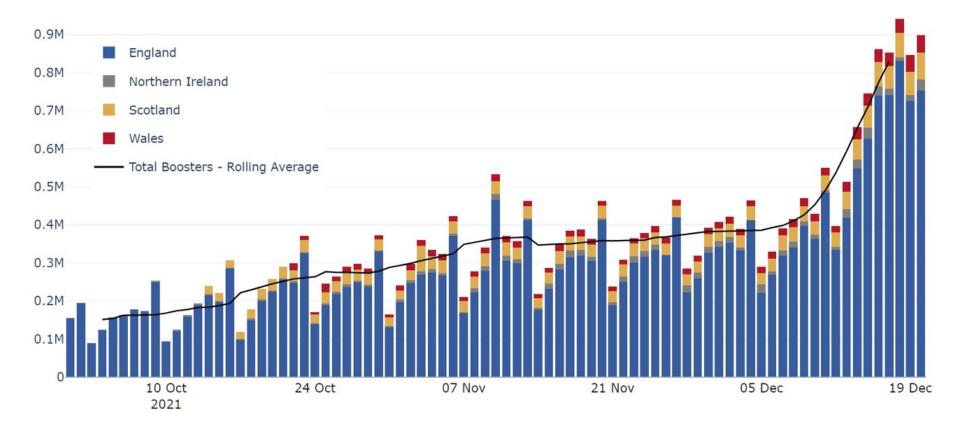
Dec 18 Dec

### **UK vaccine rollout**



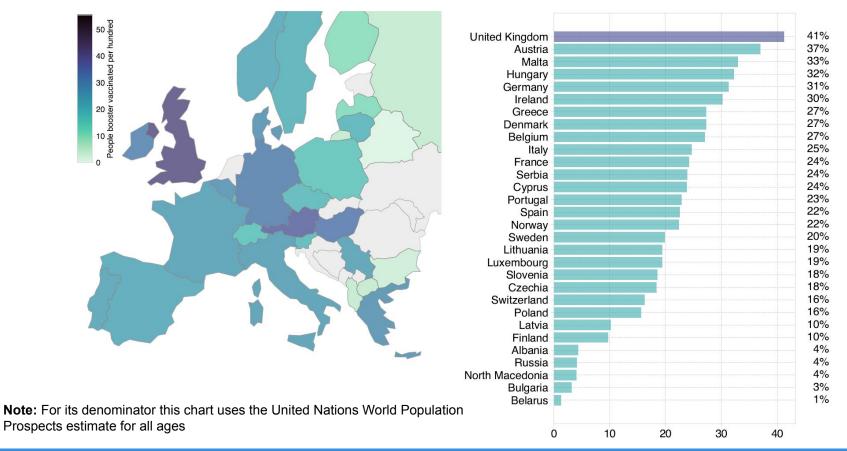
Note: This chart uses a denominator of ONS mid-year 2020 population estimates for people aged 12+





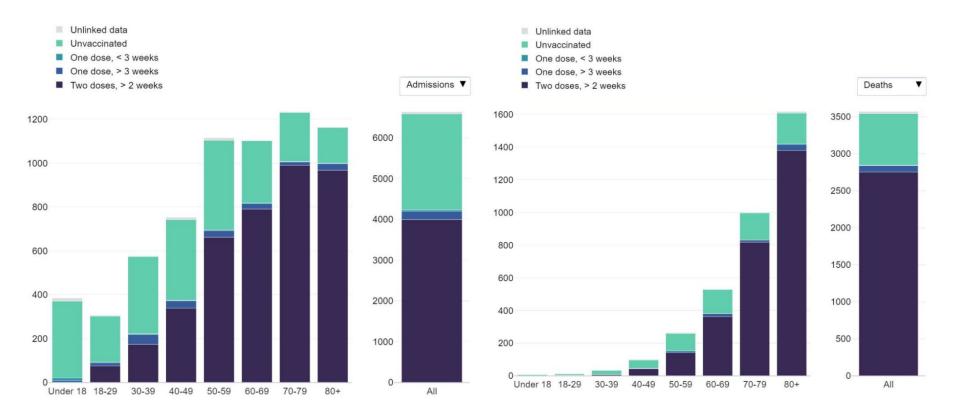


### **Booster coverage across Europe**





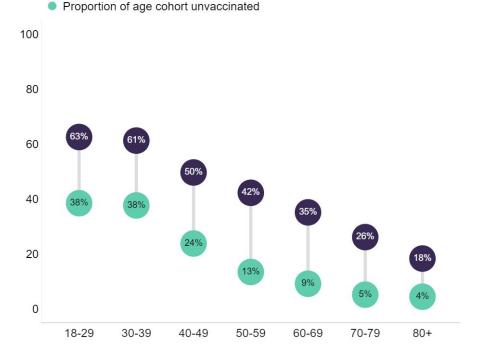
### England: admissions (left) and deaths (right) by vaccine status and age



Note: Hospital admissions and death data is from November 15th to 12th December.

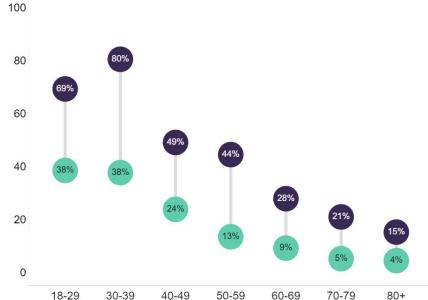


# England: Proportion of COVID hospital admissions (left) and deaths (right) that are unvaccinated by age



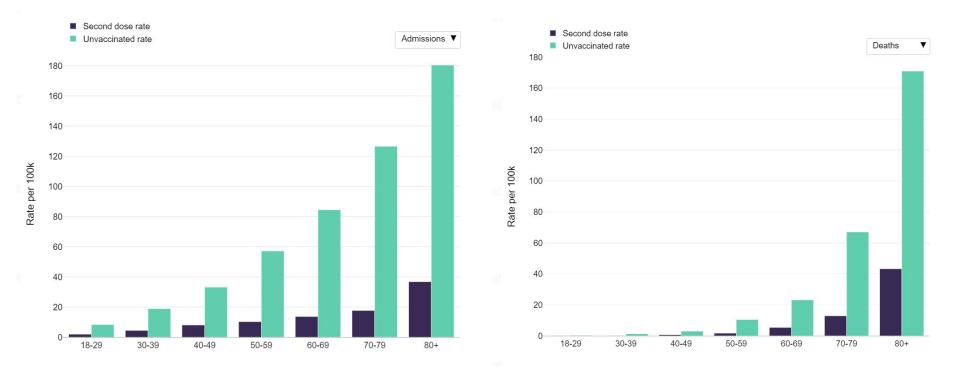
Proportion of age cohort admitted to hospital that were unvaccinated

- Proportion of age cohort deaths that were unvaccinated
- Proportion of age cohort unvaccinated



Note: Hospital admissions and death data is from November 15th to 12th December.

### England: Rate of admissions (left) and deaths (right) by vaccine status and age

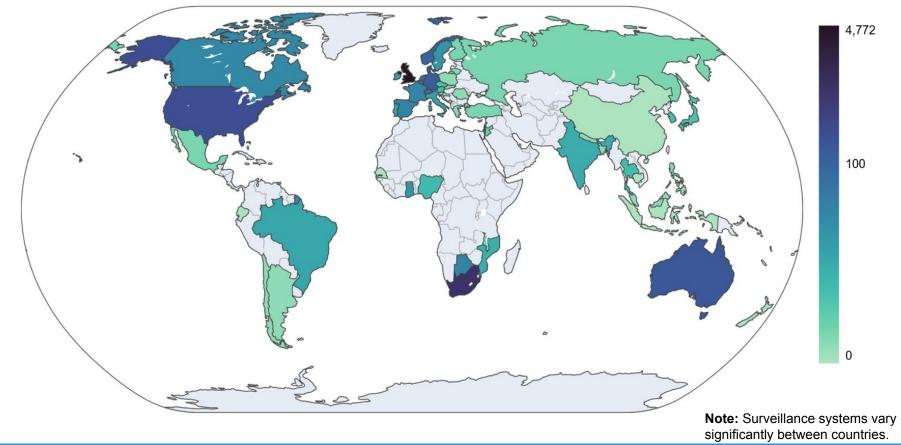


Note: Hospital admissions and death data is from November 15th to 12th December.



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### **Confirmed cases of Omicron internationally**





### **Summary: England**

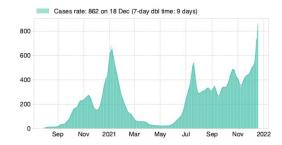


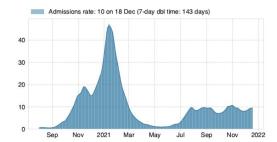
#### Hospital admissions



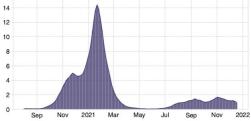
#### Deaths within 28 days of a positive test



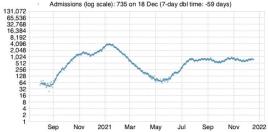




Deaths rate: 1 on 18 Dec (7-day dbl time: -18 days)









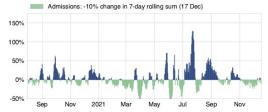
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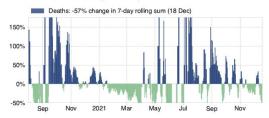
### **Summary: Wales**

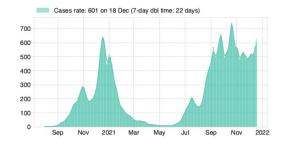


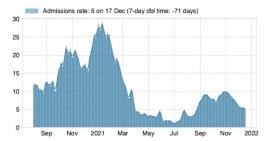
#### Hospital admissions



#### Deaths within 28 days of a positive test

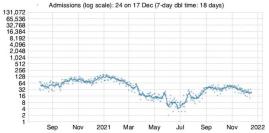


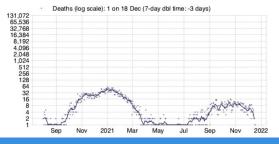




Deaths rate: 1 on 18 Dec (7-day dbl time: -6 days)







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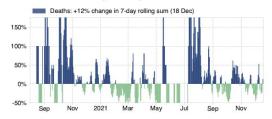
### **Summary: Northern Ireland**

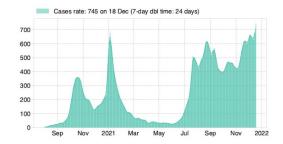


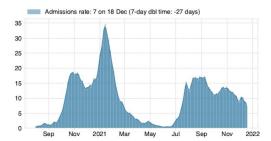
#### Hospital admissions



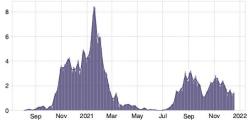
#### Deaths within 28 days of a positive test



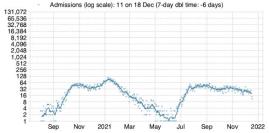














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### **Summary: Scotland**

203

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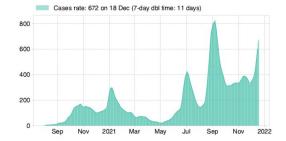


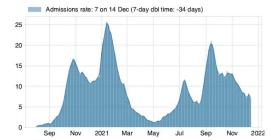
#### Hospital admissions



#### Deaths within 28 days of a positive test



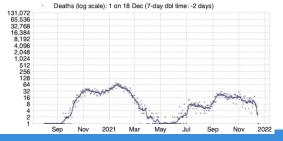




Deaths rate: 0 on 18 Dec (7-day dbl time: -3 days)







### **Annex: Sources**

Page	Chart	Source			
2	UK cases by report date (left)	PHE public dashboard			
	England S-gene target failure cases (right)	UKHSA COVID-19: Omicron daily overview			
3	English regions S-gene target failure cases	UKHSA COVID-19: Omicron daily overview			
4	UK changes in case rates (left)	PHE public dashboard			
	Cases over time for English regions (right)	PHE public dashboard			
5	London cases by specimen date	PHE public dashboard			
	London admissions	PHE public dashboard			
	London cases and admissions growth rate	PHE public dashboard			
	London cases by age cohort	PHE public dashboard			
	London hospital admissions (log scale)	PHE public dashboard			
6	UK patients in hospital (left)	PHE public dashboard			
	England, Scotland, Wales and Northern Ireland admissions (right)	PHE public dashboard			
7	UK Covid deaths by date of death	PHE public dashboard			
	England rolling weekly deaths by age	PHE public dashboard			
8	UK vaccine rollout	PHE public dashboard			
9	UK booster vaccination rollout	PHE public dashboard			
10	Booster coverage across Europe	OWID			
11	England: Admissions by vaccine status and age (left)	PHE vaccine surveillance report			
	England: Deaths by vaccine status and age (right)	PHE vaccine surveillance report			
12	England: Proportion of COVID hospital admissions that are unvaccinated by age (left)	PHE vaccine surveillance report			
	England: Proportion of COVID deaths that are unvaccinated by age (right)	PHE vaccine surveillance report			



### **Annex: Sources**

Page	Chart	Source		
13	England: Rate of admissions by vaccine status and age (left)	PHE vaccine surveillance report		
	England: Rate of deaths by vaccine status and age (right)	PHE vaccine surveillance report		
14	Confirmed cases of Omicron internationally	GISAID		
15	Summary: England	PHE public dashboard		
16	Summary: Wales	PHE public dashboard		
17	Summary: Northern Ireland	PHE public dashboard		
18	Summary: Scotland	PHE public dashboard		

