



# Omicron daily overview: 27 December 2021

## Summary

### UK total case numbers

	Confirmed Omicron cases	Change from previous report	SGTF cases*	Change from previous report
England	143,071	+40,342	317,256	+124,291
Northern Ireland	9,322	+4,965	N/A	N/A
Scotland	6,154	-	32,669	-
Wales	1,385	-	2,553	-
<b>Cumulative total</b>	<b>159,932</b>	<b>+45,307</b>	<b>353,478</b>	<b>+124,291</b>

Data up to 6pm 26 December 2021 for England

Data up to 4pm 26 December 2021 for Northern Ireland

Data up to 5pm 23 December 2021 for Scotland.

Data up to 5pm 23 December 2021 for Wales

### Notes to table

\* SGTF cases in the above table excludes persons ruled out as other variants

Changes are calculated from the previous published report

Scotland is no longer separating VOC Omicron cases in daily reporting and will update weekly.

No update received from Wales due to Christmas and Bank Holiday working arrangements

Northern Ireland figures are provisional and may be subject to change.

## Hospitalisations and deaths

	Hospitalisations (Confirmed and SGTF*)	Deaths
England	407	39

Data provided 26 December 2021 for dates up to 25 December 2021

### Notes to table

\*SGTF cases in the above table exclude cases confirmed with other variants

Data set and definitions as described in Appendix 2. The data is lagged and requires hospital staff to submit emergency care data sets to NHS Digital for analysis and linkage with testing data

## Percentage of Unvaccinated Confirmed/SGTF\* cases hospitalised by Region

Region	% Confirmed Omicron unvaccinated hospitalised	% SGTF unvaccinated hospitalised	% Total unvaccinated Omicron hospitalised
East Midlands	28.0%	0.0%	25.9%
East of England	14.3%	25.0%	16.0%
London	41.1%	31.3%	40.0%
North East	0.0%	0.0%	0.0%
North West	19.2%	28.6%	20.7%
South East	20.6%	40.0%	23.1%
South West	20.7%	0.0%	18.8%
West Midlands	30.8%	0.0%	20.0%
Yorkshire and Humber	44.4%	33.3%	40.0%
England	<b>29%</b>	<b>22%</b>	<b>28%</b>

Data provided 26 December 2021 for dates up to 25 December 2021

### Notes to table

\*SGTF cases in the above table exclude cases confirmed with other variants

**(n=400) 7 cases excluded due to unknown vaccination status.**

Data set and definitions as described in Appendix 2. The data is lagged and requires hospital staff to submit emergency care data sets to NHS Digital for analysis and linkage with testing data

The % total unvaccinated Omicron hospitalised cases is calculated against the total number of confirmed and SGTF cases that have been hospitalised.

From the above table, 40% of hospitalised cases in London were unvaccinated. London is currently the largest and most robust data set of the regions and reflects the importance of vaccine uptake.

## Breakdown of England daily cases by region

Region	Confirmed Omicron cases	Change from previous report	SGTF cases*	Change from previous report
East Midlands	13,502	+2,527	28,731	+13,754
East of England	9,029	+2,377	33,330	+10,672
London	36,136	+9,491	65,767	+20,109
North East	5,573	+1,943	9,511	+5,411
North West	16,936	+5,339	55,139	+26,633
South East	31,781	+9,721	31,538	+9,696
South West	13,876	+4,759	12,613	+4,299
West Midlands	9,807	+2,389	25,408	+9,004
Yorkshire and Humber	6,087	+1,715	31,947	+16,477
Unknown	244	+81	23,272	+8,231
<b>Total</b>	<b>143,071</b>	<b>+40,342</b>	<b>317,256</b>	<b>+124,291</b>

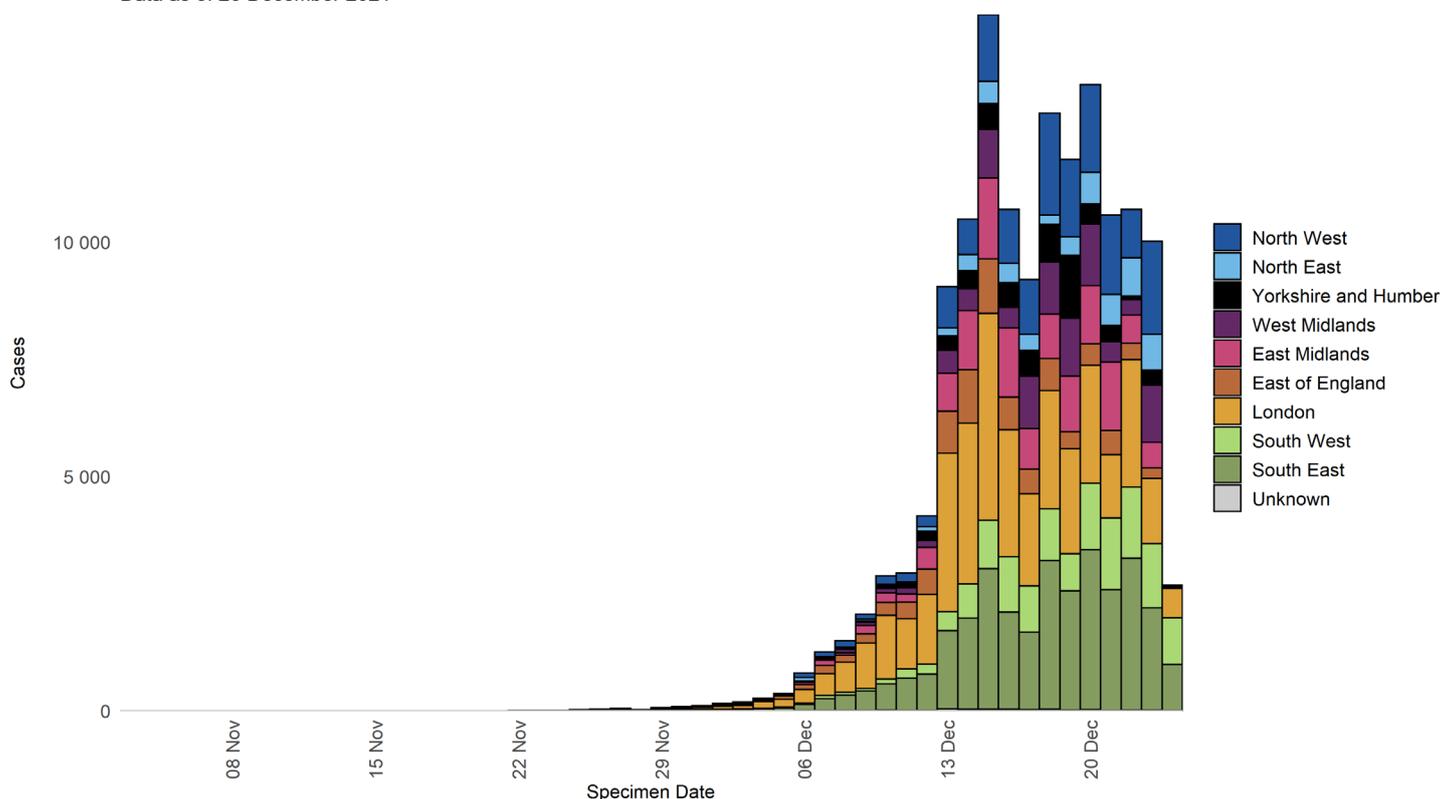
Data up to 6pm 23 December 2021

### Notes to table

\*SGTF cases in the above table exclude cases confirmed with other variants  
Changes are calculated from the previous published report

## Epidemiology curve of confirmed Omicron cases by region

Data as of 26 December 2021



### Samples with S-gene target failure (SGTF)

Number and proportion of SARS-CoV-2 cases with SGTF by region, among those with specimen dates on 21 and 22 December 2021.

Region	Total COVID Cases with known S-gene status**	SGTF cases	SGTF %
East Midlands	4,375	3,957	90.4
East of England	1,939	1,772	91.4
London	1,972	1,875	95.1
North East	3,064	2,548	83.2
North West	4,503	4,164	92.5
South East	1,465	1,342	91.6
South West	587	512	87.2
West Midlands	1,244	1,103	88.7
Yorkshire and Humber	2,352	2,153	91.5
England	21,528	19,452	90.4

SGSS data as of 6pm 26 December 2021.

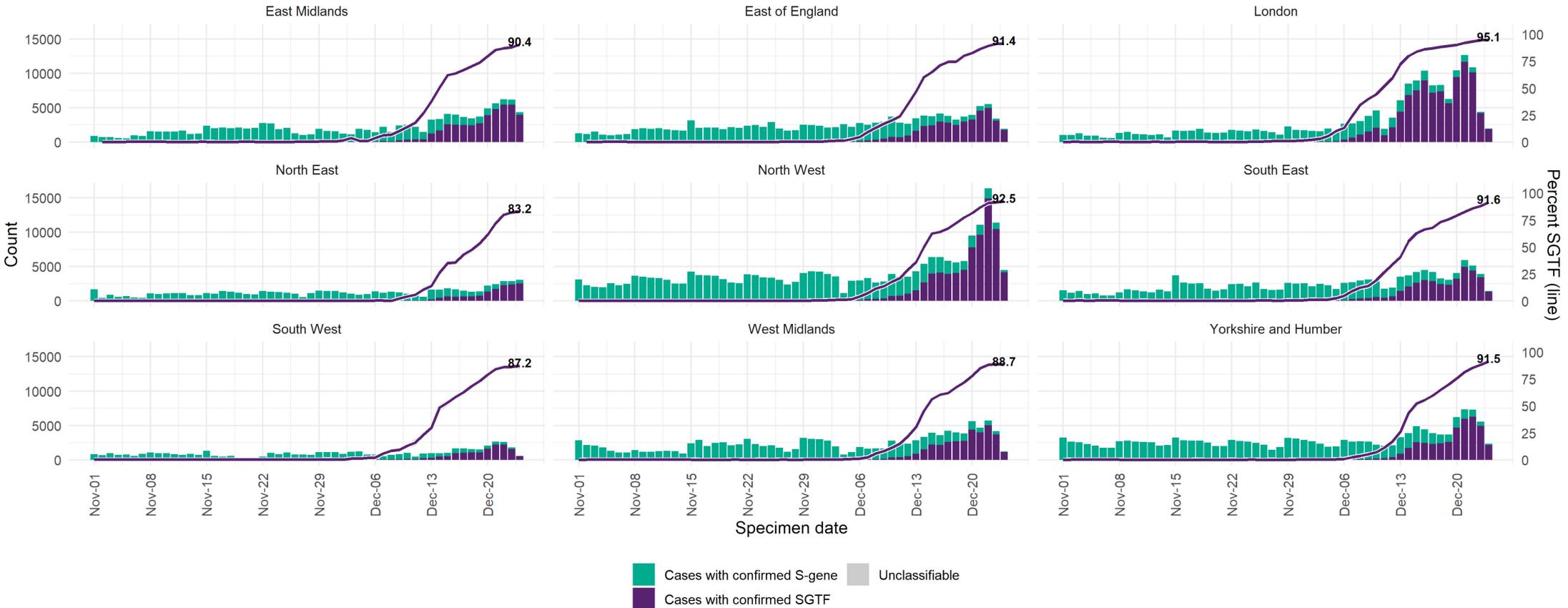
#### Notes to tables

\*\* Known S-gene status based on those tested by TaqPath laboratories (Alderley Park, Milton Keynes, Glasgow, and Newcastle Lighthouse Laboratories).

**Figure 1. COVID-19 cases with detectable S-gene/SGTF and percentage with SGTF among those tested in TaqPath Labs by day, by region**

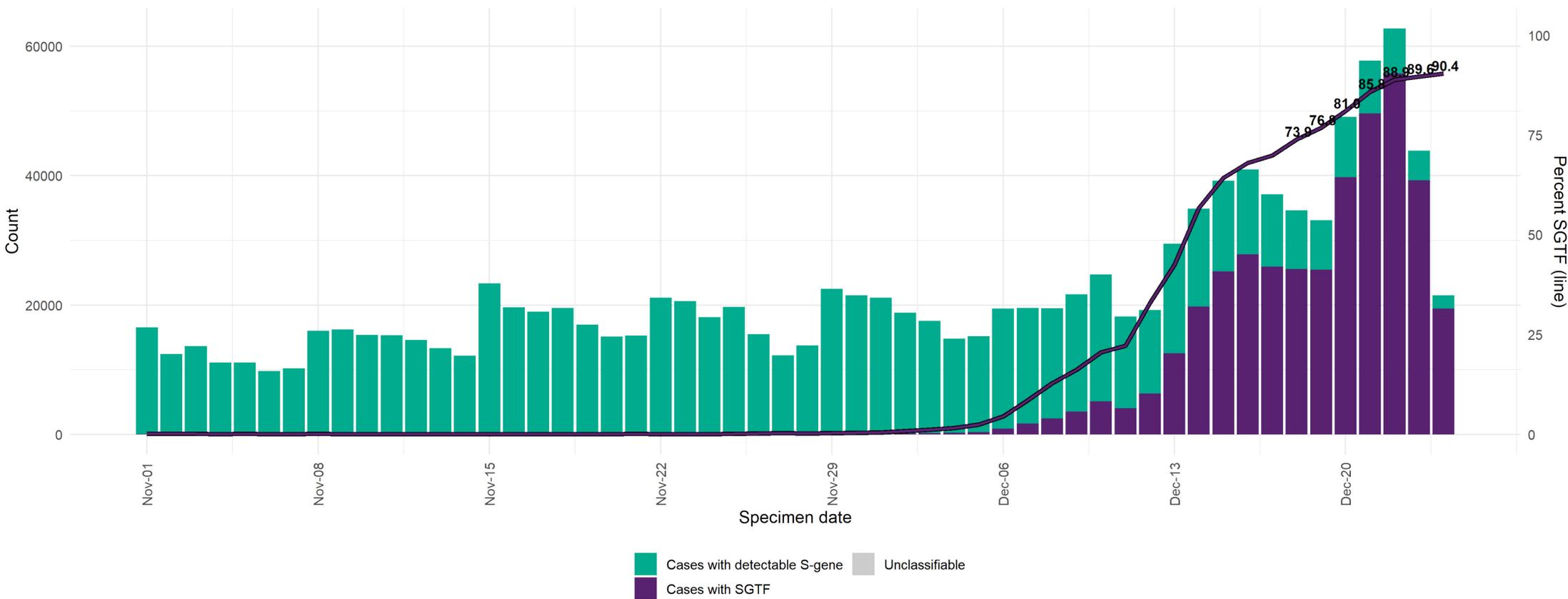
(95% confidence intervals indicated by grey shading).

Data updated 6pm 26 December 2021.



A detectable S gene is a proxy for Delta since April 2021. SGTF was a surveillance proxy for VOC-20DEC-01 however has largely consisted of Delta since August 2021. Local trends in these data may be affected by decisions to direct the processing of samples via a TaqPath laboratory. Only tests carried out with the TaqPath PCR assay and with confirmed SGTF or S gene results included, from Newcastle, Alderley Park, Milton Keynes and Glasgow Lighthouse Labs. SGTF refers to non-detectable S gene and  $\leq 30$  CT values for N and ORF1ab genes. Detectable S-gene refers to  $\leq 30$  CT values for S, N, and ORF1ab genes. Produced by Outbreak Surveillance Team, UKHSA.

**Figure 2. Number of COVID-19 cases with S-gene positive/SGTF by day, among those tested in TaqPath labs**  
 (95% confidence intervals indicated by grey shading).  
 Data updated 6pm 26 December 2021.



A detectable S gene is a proxy for Delta since April 2021. SGTF was a surveillance proxy for VOC-20DEC-01 however has largely consisted of Delta since August 2021. Local trends in these data may be affected by decisions to direct the processing of samples via a TaqPath laboratory. Only tests carried out with the TaqPath PCR assay and with confirmed SGTF or S gene results included, from Newcastle, Alderley Park, Milton Keynes and Glasgow Lighthouse Labs. SGTF refers to non-detectable S gene and  $\leq 30$  CT values for N and ORF1ab genes. Detectable S-gene refers to  $\leq 30$  CT values for S, N, and ORF1ab genes. Produced by Outbreak Surveillance Team, UKHSA.

## Appendix 1

Counts are based on case definitions agreed on 13 December 2021  
(Implemented on data 6pm 14 December 2021):

- **confirmed case:** Omicron (B.1.1.529) by sequencing or genotyping (i) 417N and 681R failure; ii) 69-70 deletion plus 417N; iii) 69-70 deletion plus 501Y; iv) Q493R, vi) other relevant genotyping results)
- **probable case:** COVID-19 PCR positive and i) SGTF^^ or ii) 69-70 deletion with specimen dates from 1 December\*\*
- **possible case:** COVID-19 PCR positive and SGTF^^ with specimen dates from November 1 up to and including November 30\*

^^S-gene target failure (SGTF): A positive SARS-CoV-2 PCR test carried out on the TaqPath assay with undetectable S-gene and CT values  $\leq 30$  for both N and Orf1ab gene targets. Currently reported into SGSS by Milton Keynes, Alderley Park, Glasgow, and Newcastle lighthouse laboratories.

\*Excludes those confirmed as non-Omicron variant.

## Appendix 2

### Definitions of hospitalisation

Cases with presentation to a type 1 A&E and are admitted or transferred at the end of their emergency care stay, who have a positive SARS-CoV-2 test either:

- within 14 days prior to admission
- within 1 day post admission

Data source: NHS England provide this data from the NHS Digital Emergency Care Data Set (ECDS). This data is subject to delays.