

CSR Lite week commencing 27 December 2021 (data as at 30 December)

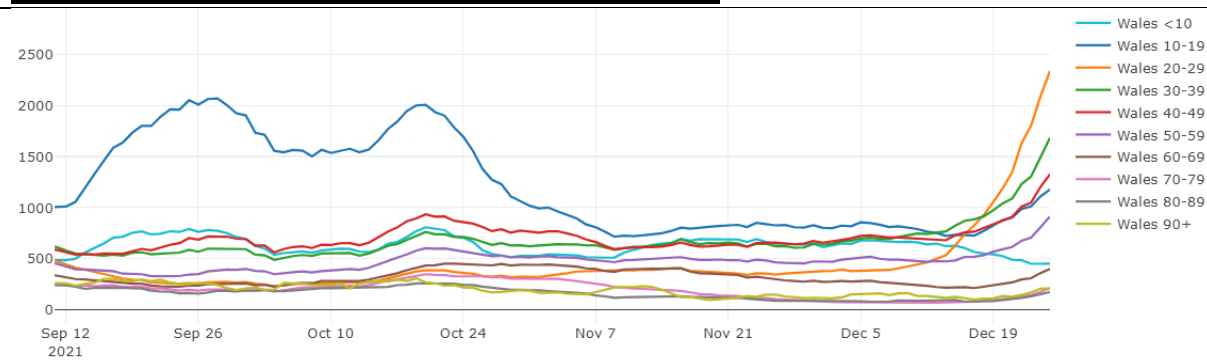
Please note that reporting patterns are likely to be disrupted over the festive period and so these figures should be interpreted with caution.

Wales Sitrep

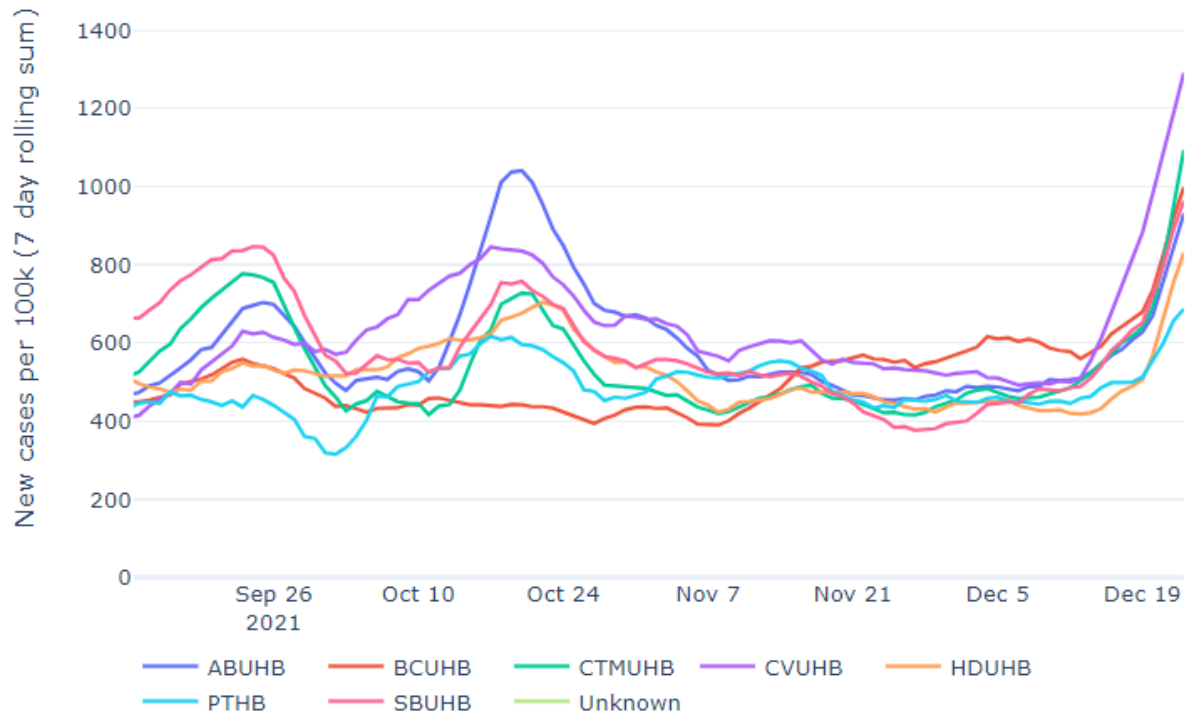
Case rate per 100k (7 day rolling sum) (12 Sept 2021 – 25 Dec 2021), PHW ICNet, updated 30 December 2021:



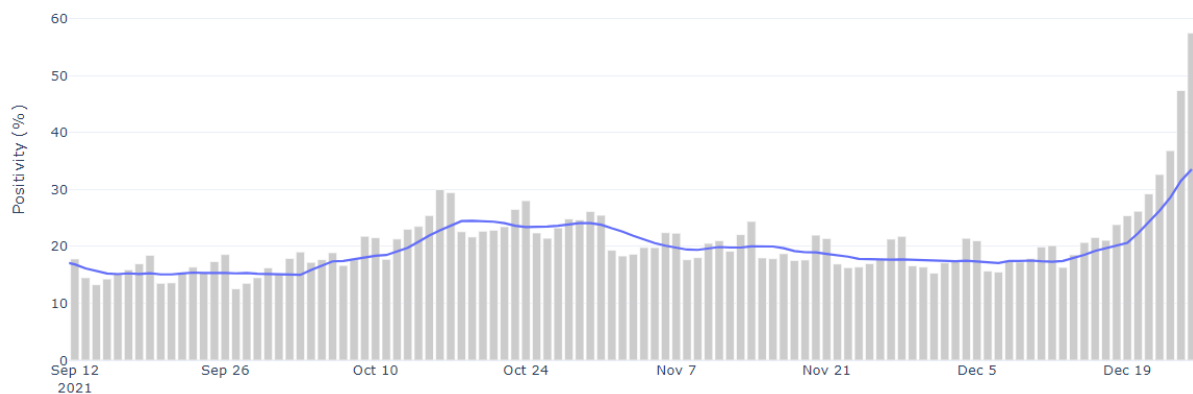
Epidemic curve of cases resident in Wales (12 September – 25 December 2021), PHW ICNet, updated 30 December 2021:



Trends in incidence broken down by age group, rolling 7-day incidence per 100,000 (12 September- 23 December 2021) PHW ICNet, updated 30 December 2021:



Positivity rate for COVID-19 in Wales (7 day rolling average) (12 Sept 2021 – 25 Dec 2021), PHW ICNet. Updated 30 December 2021:



Blue line: Weekly; Grey bars: Daily

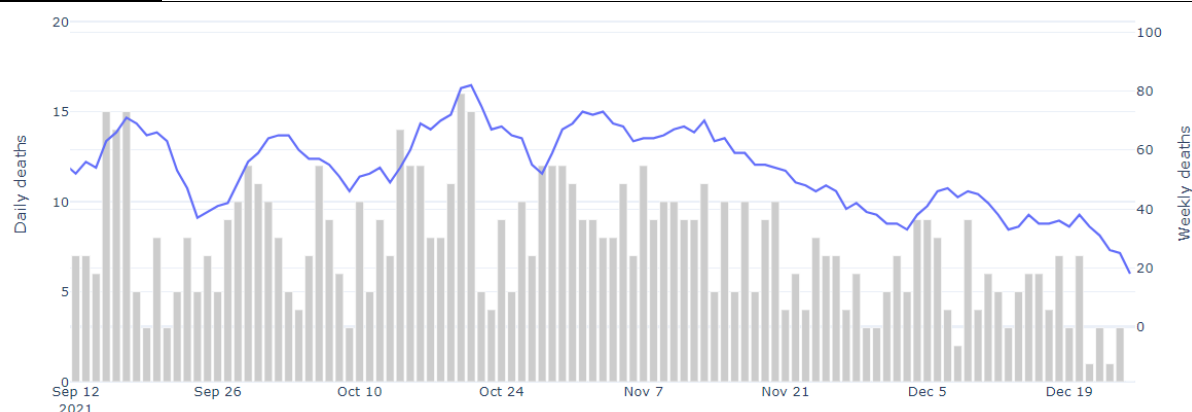
ONS Prevalence, ONS Covid Infection Survey ([Interim data](#)):

- For the week **13 to 19 December 2021**, it is estimated that **2.30%** of the Welsh community population had COVID-19.
- This equates to approximately **1 person in every 45 in Wales**, or **70,000 people** during this time (95% credible interval: 57,100 to 83,300).

Numbers in Wales vaccinated (reported at 29 December 2021), PHW Tableau:

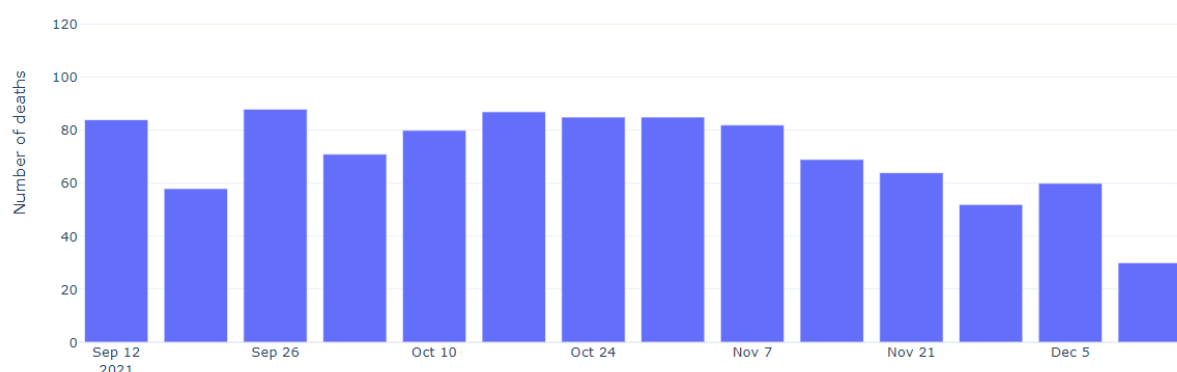
Individuals who have received at least one dose of COVID-19 vaccine*	2,486,737
Individuals who have received at least two doses of COVID-19 vaccine*	2,296,242
Individuals who have received a three dose primary course of COVID-19 vaccine*	49,677
Individuals who have received a booster dose of COVID-19 vaccine*	1,490,668

PHW Deaths (12 September 2021 – 25 December 2021), PHW ICNet, updated 30 December:

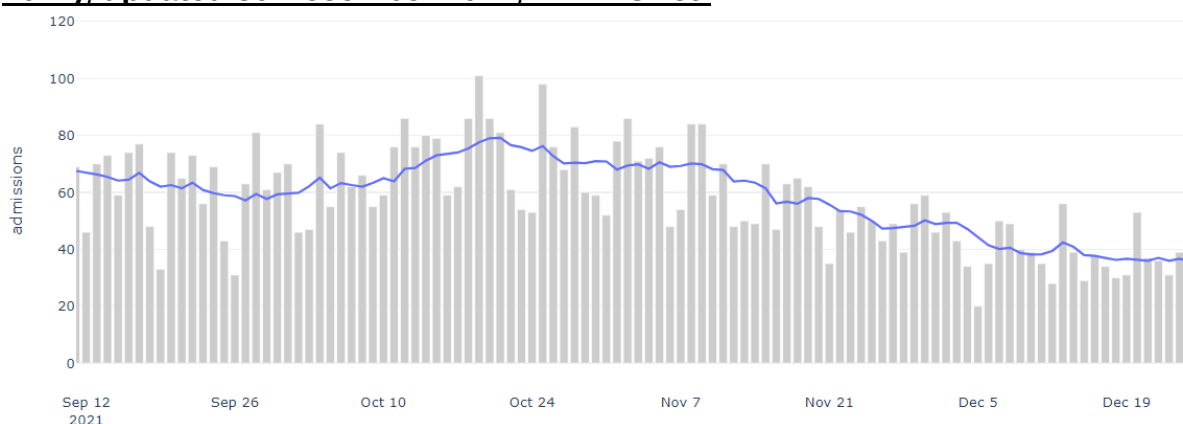


Blue line: Weekly; Grey bars: Daily

ONS COVID-19 Deaths, 7 day rolling sum (12 September 2021 – 17 December 2021), Updated 30 December



PHW Daily Confirmed COVID-19 Admissions (12 September to 25 December 2021), updated 30 December 2021, PHW ICNet:



Blue line: Weekly; Grey bars: Daily

NHS situation report as at 29 December 2021, Welsh Government

- The overall COVID bed occupancy total has grown significantly over the Christmas period with the total now at 636 as at 29 December. This is 72 higher than yesterday, and 158 (33%) higher than last week. The rise is a combination of both Omicron and Delta cases and the position is now markedly above the operational trajectory at this point.
- The number of daily COVID hospital admissions has increased to around 35 a day in the past week, however the rise in the last two days suggest that there have been a number of incidental cases which would be similar to the position observed in London over the past few weeks whereby patients are admitted for other health reasons but happen to have Omicron.
- The confirmed COVID patients in hospital have also increased with the total at 446 today. This is 56 higher than yesterday, and 147 (33%) higher than the same day last week.
- The COVID related patients occupying a critical care bed has not increased significantly over the Christmas period and still stands at 32. This is 1 higher than yesterday, and 1 higher than last week.
- The total occupied core and surge beds in a critical care environment stands at 153, this is only 1 higher than the pre-COVID baseline of 152 for critical care beds. The position is 4 lower than yesterday, and 7 lower than last week – the position is now the lowest since the 29th August 2021.

PHW Rt Estimates (as at 29 December 2021):

Note: The Rt may be an underestimate of the true growth rate, which is reflected in the rising incidence and test positivity (above).

Area	Halving time (95% CI)	Rt (95% CI)
All Wales	7.7 (5.7 to 11.8) DOUBLING	1.480 (1.467 to 1.492)
Swansea Bay UHB	8.4 (5.8 to 14.8) DOUBLING	1.407 (1.371 to 1.445)
CTM UHB	6.8 (4.9 to 11.0) DOUBLING	1.659 (1.622 to 1.697)
Aneurin Bevan UHB	8.0 (5.9 to 12.4) DOUBLING	1.461 (1.430 to 1.492)
Cardiff & Vale UHB	6.7 (5.3 to 9.2) DOUBLING	1.430 (1.402 to 1.459)
Hywel Dda UHB	7.5 (5.4 to 12.2)* DOUBLING	1.543 (1.500 to 1.587)*
Powys THB	11.6 (7.1 to 31.6)* DOUBLING	1.309 (1.240 to 1.379)*
Betsi Cadwaladr UHB	9.0 (6.4 to 15.7) DOUBLING	1.430 (1.403 to 1.458)

UKHSA Rt Estimates (as at 22 December 2021): **NOT UPDATED**

Table 1. Combined estimates of R values growth rates and doubling times in the 4 nations of the UK (90% credible interval)

Nation	R	Daily growth rate	Doubling time ¹¹
England	1.0 to 1.2	0% to +3%	26 days to flat
Wales	0.9 to 1.1	-2% to +1%	-36 days to flat
Scotland	1.0 to 1.3	0% to +4%	20 days to flat
Northern Ireland	0.9 to 1.1	-2% to +2%	Flat

11. Any estimates with a halving or doubling time of more than 40 days have been described as flat. Negative values of doubling time indicate a halving time (the time expected for cases to fall by 50%).

Omicron

Wales Omicron Case Update – 30 December, PHW, (OFF-SEN)

Vaccination Status	Confirmed case*	Probable Case*	Possible Case*	Total
Vaccinated (1 st dose)	285	129		414
Vaccinated (2 nd dose)	3,794	1,634		5,428
Vaccinated (Booster/3 rd dose)	1,666	675		2,341
Unvaccinated	374	245		619
Unknown	1,980	5,708	0	7,688
Total	8,099 (+730)	8,391 (+2,053)	0	16,490 (+2,783)

	Number	New since last report (29/12/2021)
Aneurin Bevan UHB	1,352	+121
Betsi Cadwaladr UHB	1,282	+98
Cardiff and Vale UHB	2,499	+194
Cwm Taf Morgannwg UHB	1,077	+141
Hywel Dda UHB	929	+70
Swansea Bay UHB	712	+94
Powys THB	245	+12
Unknown	3	+0
Wales Total	8,099	+730

Omicron daily overview: 29 December 2021

Summary

UK total case numbers

	Confirmed Omicron cases	Change from previous report	SGTF cases*	Change from previous report
England	181,547	+22,343	400,634	+44,920
Northern Ireland	11,966	+1,508	N/A	N/A
Scotland	9,240	+3,088^	79,742	+46,073^
Wales	7,369	+5,984	6,338	+3,785
Cumulative total	210,122	+32,923	486,714	+94,778

Data up to 6pm 28 December 2021 for England

Data up to 4pm 28 December 2021 for Northern Ireland

Data up to 5pm 28 December 2021 for Scotland.

Data up to 5pm 28 December 2021 for Wales

Notes to table

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

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

Wales totals increase covers a period 25-28 December due to Christmas and Bank Holiday working arrangements

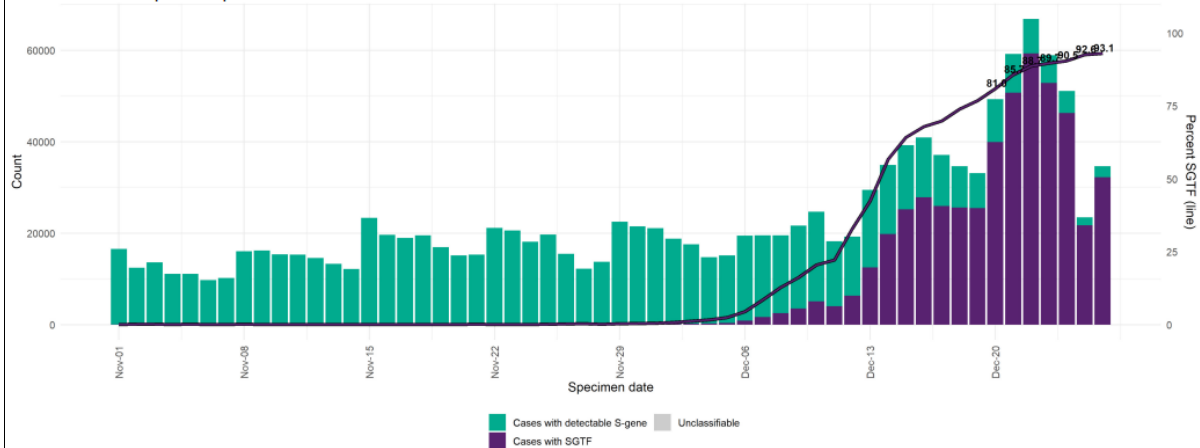
Northern Ireland figures are provisional and may be subject to change.

Hospitalisations and deaths

	Hospitalisations (Confirmed and SGTF*)	Change from previous report	Deaths	Change from previous report
England	766	+98	53	+4

Data provided 28 December 2021 for dates up to 27 December 2021

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 28 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 ≤ 30 CT values for N and ORF1ab genes. Detectable S-gene refers to ≤ 30 CT values for S, N, and ORF1ab genes. Produced by Outbreak Surveillance Team, UKHSA.