

# Covid-19 epidemiology review

**11 January 2022**

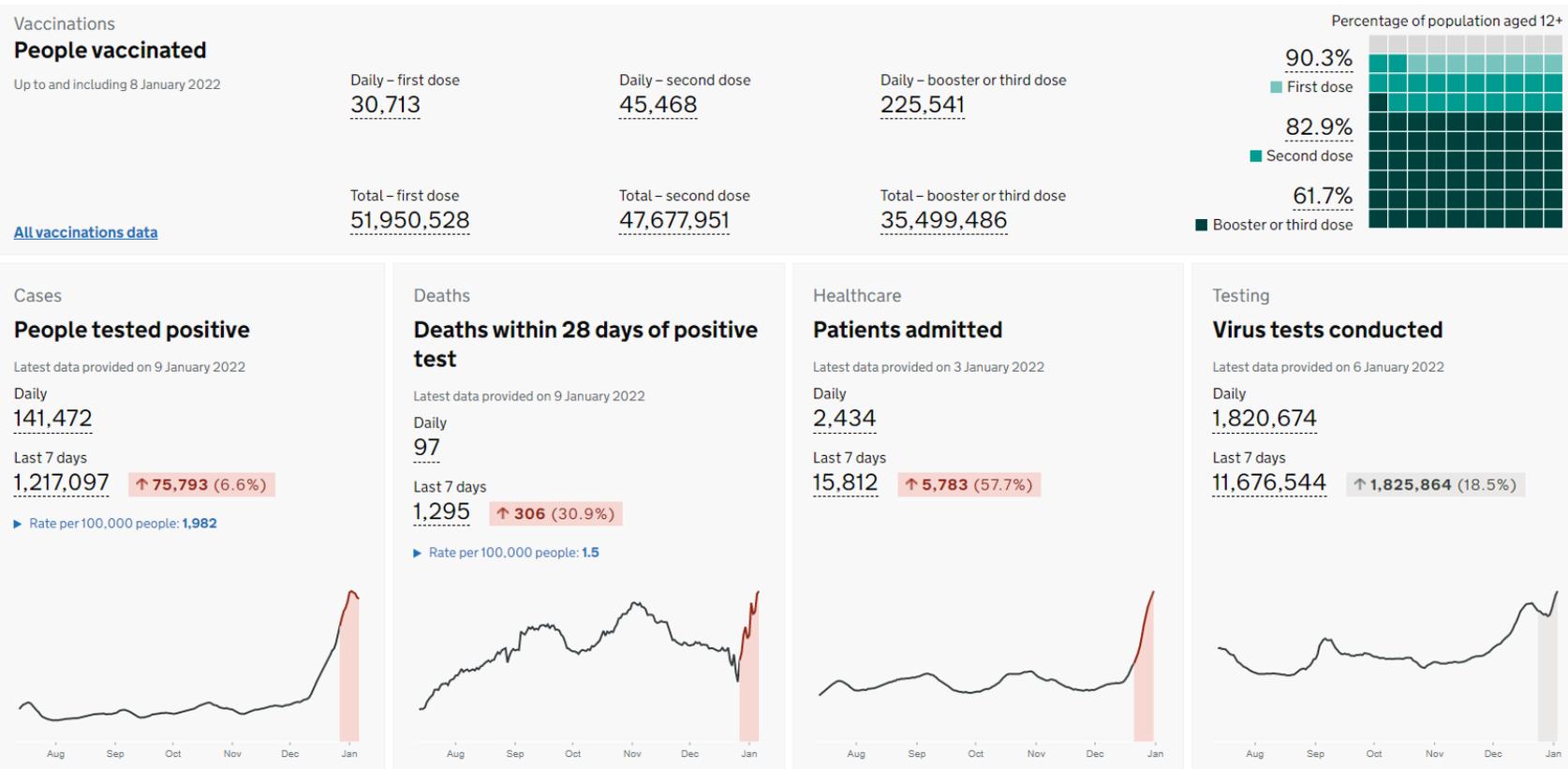
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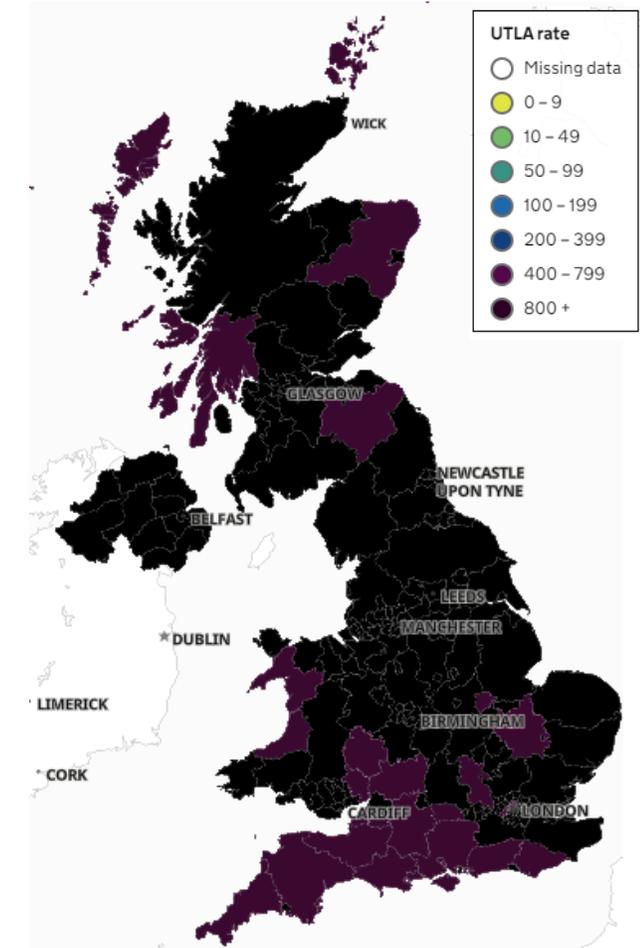
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# At national level, people testing positive (+6.6%), hospital admissions (+57.7%), and deaths (+30.9%) have increased in the most recent week.

## UK Summary

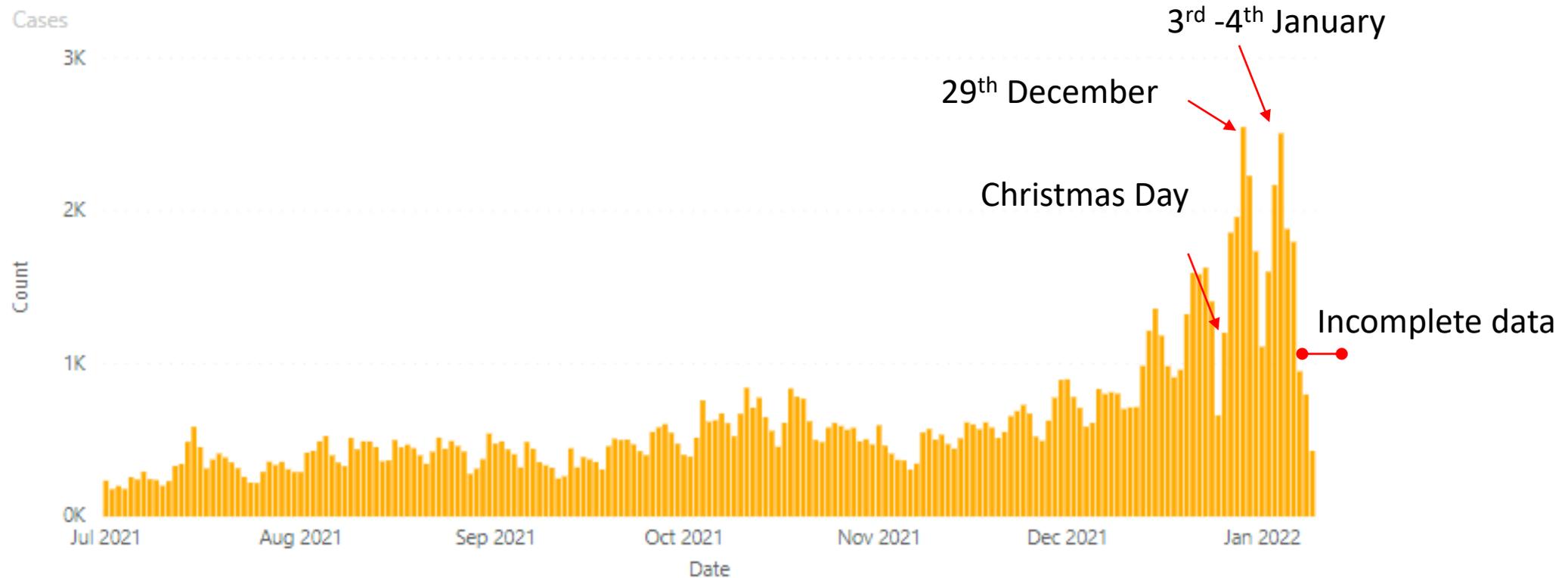


Case rate per 100,000 for 7-day period ending 4 January 2022



# Cases detected and reported have fluctuated over the Christmas period

Case numbers over time in Cambridgeshire and Peterborough



***Case detection likely to be lower and data less reliable due to behaviours and testing habits changing over the Christmas period. There are also testing changes starting 11<sup>th</sup> January which may also affect cases reported and understanding of trends***

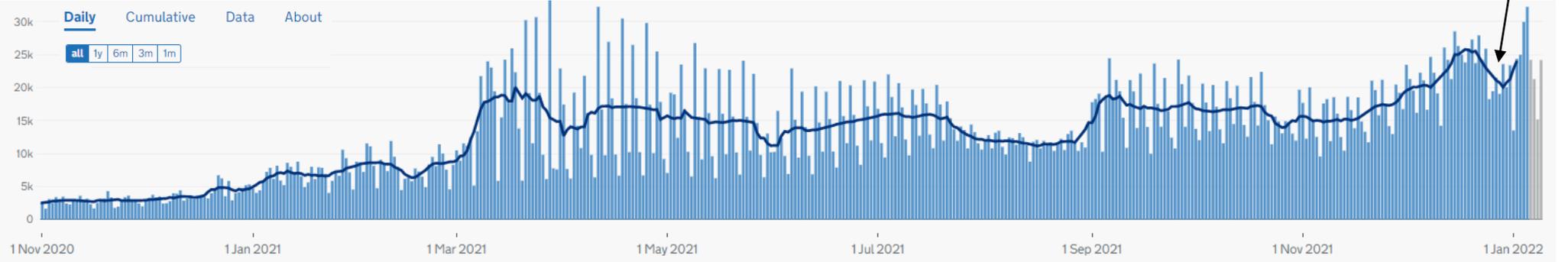
# Changes in behaviour during the Christmas period impacted testing habits.

Covid-19 guidance will temporarily suspend the requirement for a confirmatory PCR test following a positive LFT in asymptomatic cases. It is anticipated that this may impact the reliability of data and the numbers of self-reported positive cases.

## Virus tests conducted

Number of confirmed positive, negative or void COVID-19 virus test results (PCR and LFD tests), and rolling 7-day average. This is a count of test results and may include more than one test per person. Data are shown by the date the sample was taken from the person being tested. Data for the most recent days, highlighted in grey, are incomplete.

### Testing in **Cambridgeshire** ▼

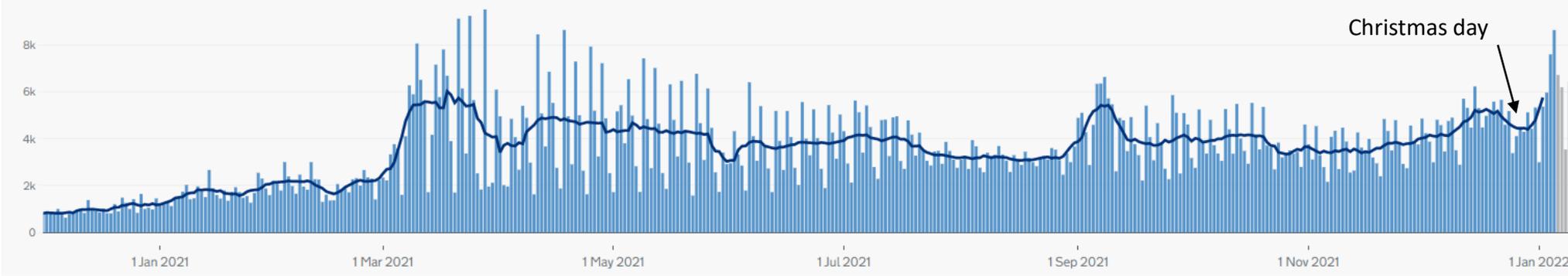


Christmas day

### Daily Cumulative Data About

all 1y 6m 3m 1m

### Testing in **Peterborough** ▼



Christmas day

Linear Log

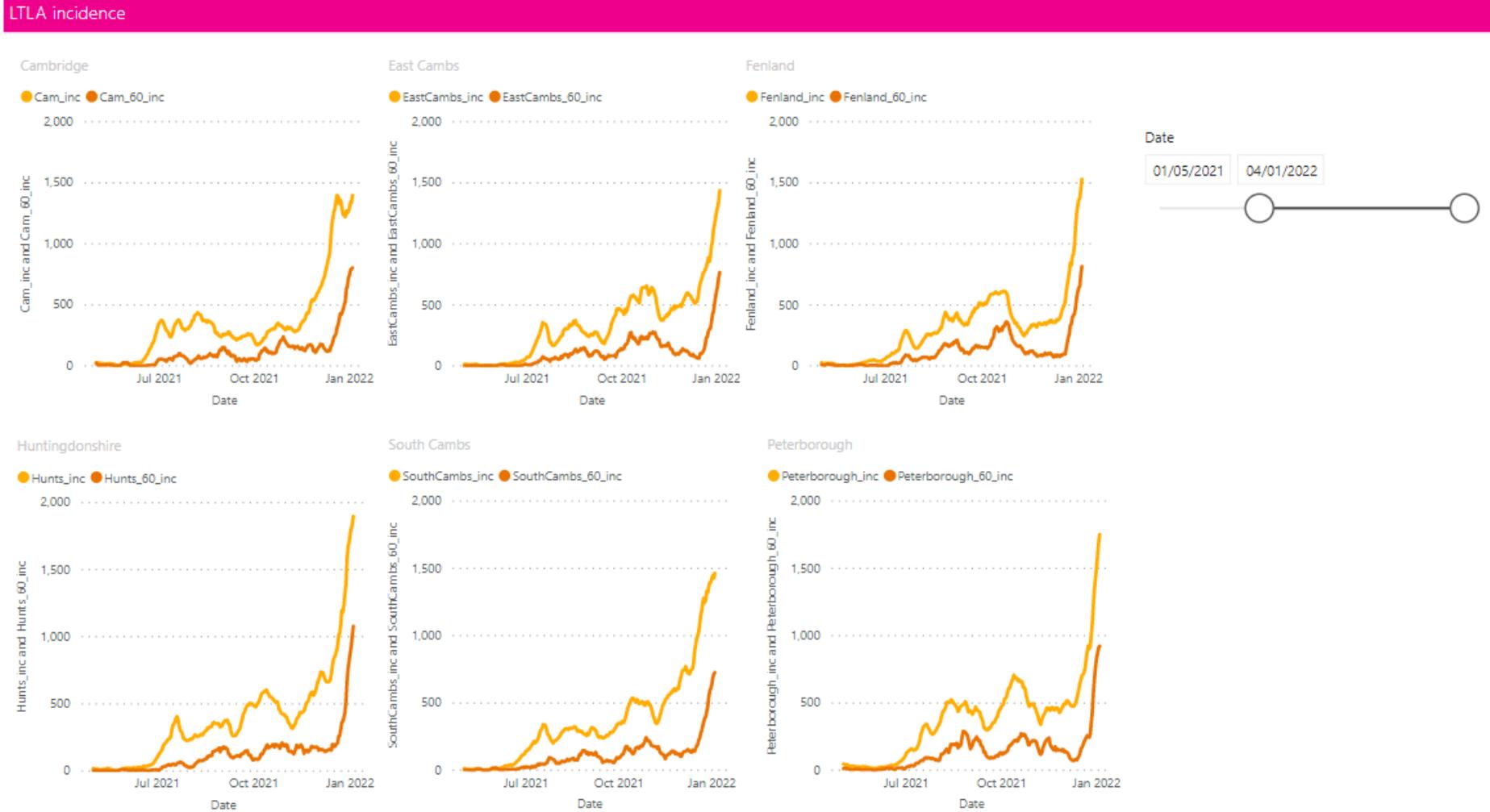
# All-age and 60+ incidence rates have increased in the last week across all areas, but remain below national average.

Incidence Data					
Area	Weekly Incidence (cases/100,000) & trend vs previous 7 days		7-day change in case rate (%)	Weekly incidence - 60+ years (cases per 100,000) & trend vs previous 7 days	
Data to date	04-Jan		04-Jan	04-Jan	
Cambridge	1380.9	↑	13.1	762.1	↑
East Cambridgeshire	1430.6	↑	40.1	754.1	↑
Fenland	1524.3	↑	54.1	808.2	↑
Huntingdonshire	1892.3	↑	36.1	1078.4	↑
South Cambridgeshire	1457.4	↑	10.3	716.5	↑
Cambridgeshire	1568	↑	27.7	849.2	↑
Peterborough	1749	↑	58.7	917.2	↑
<b>EAST OF ENGLAND</b>	1781.4	↑	21.4	988.6	↑
<b>ENGLAND</b>	1924.4	↑	37.9	1114.1	↑

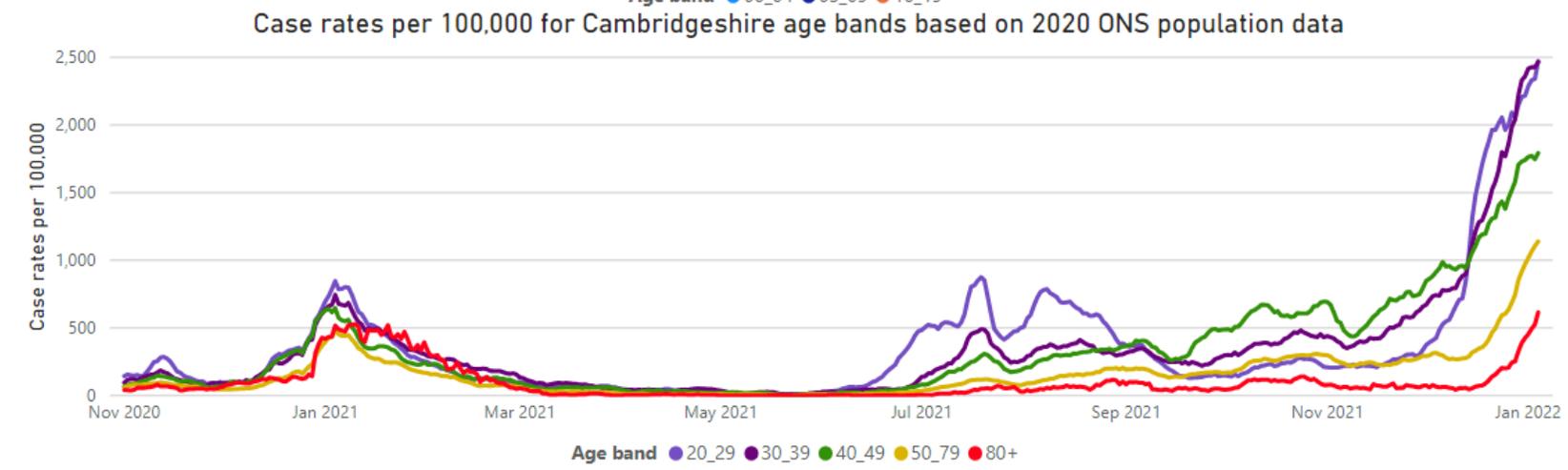
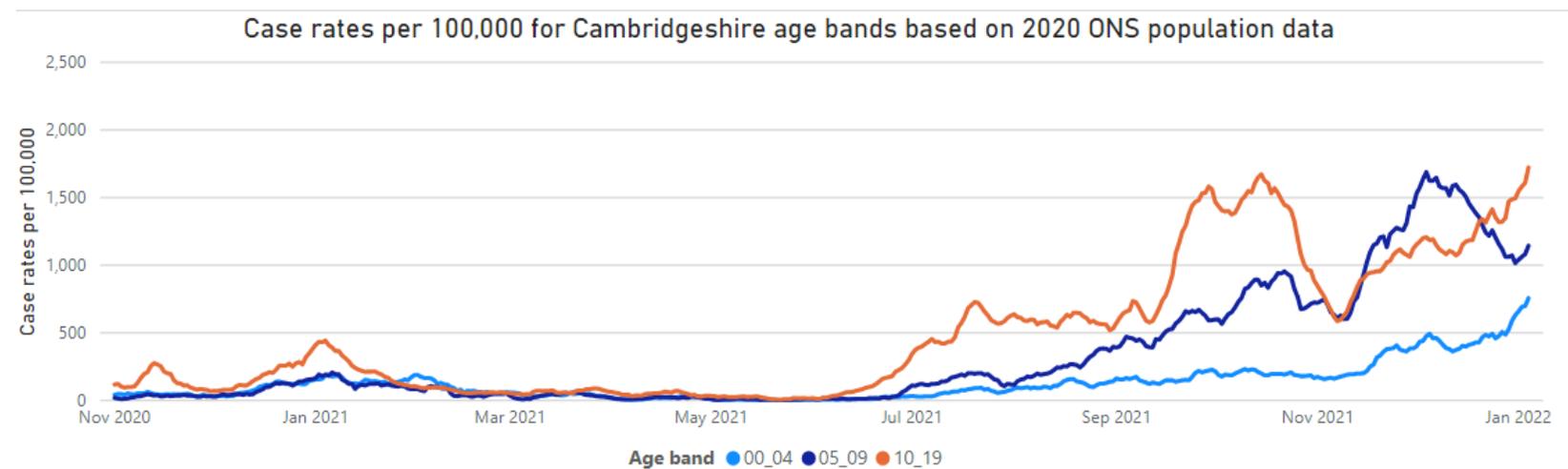
*NOTE: Provisional adjusted weekly incidence rates are subject to change with the inclusion of additional cases on subsequent days. Figures are rounded to nearest whole number to account for possible minor discrepancies with national data.*

The case rate for the 7 days to 4<sup>th</sup> January include several high days of case detection partly due to testing patterns (29<sup>th</sup> December and 3<sup>rd</sup>/4<sup>th</sup> January)

# All age and 60+ case rates are rapidly increasing in all areas of Cambridgeshire and Peterborough, though some fluctuation seen in Cambridge

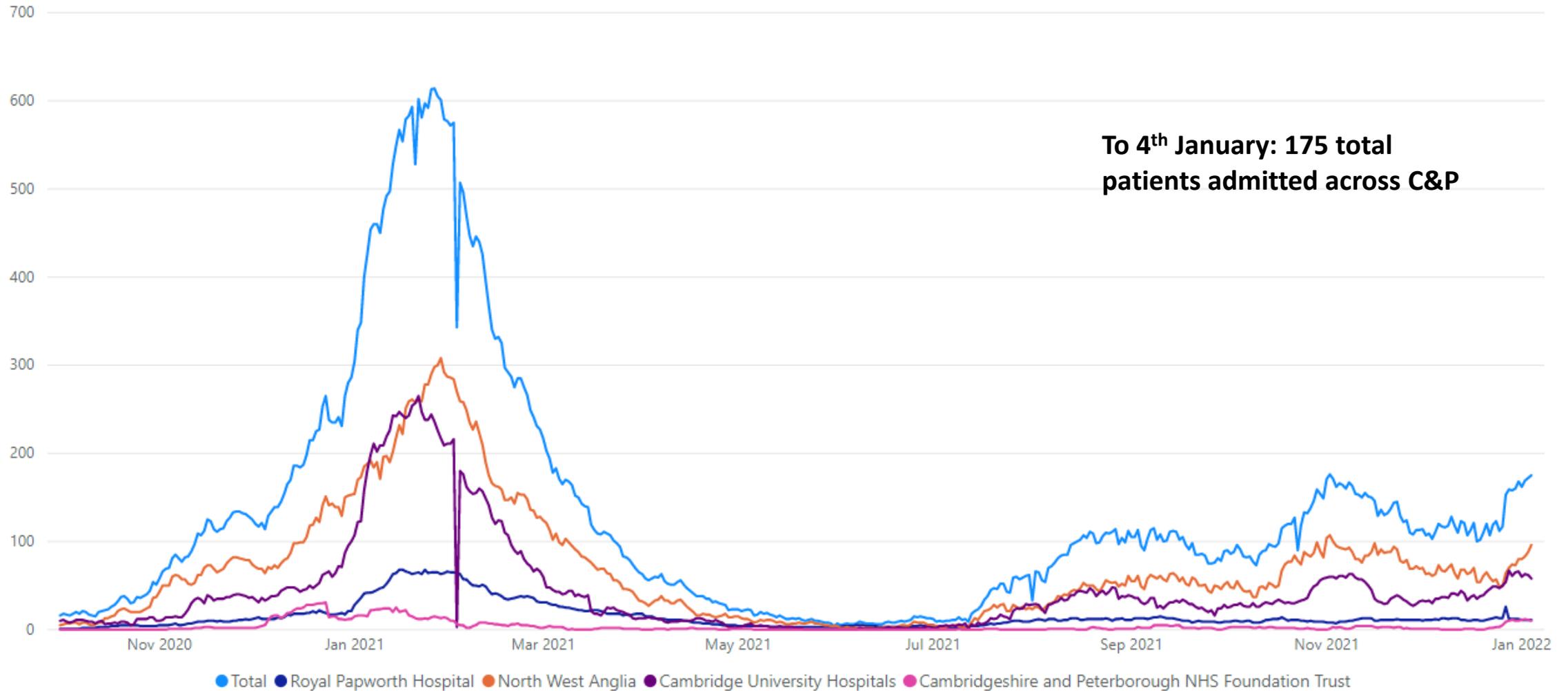


**In Cambridgeshire, case rates are highest in people of working age, especially in the 20 -39 age group's. Recent increases also seen in the 50-79 age group and 80+. Case rates remain lower in the primary school age group, although cases have recently increased across all younger age groups.**



# The number of Covid-19 patients in hospital has recently increased.

## Patients in Hospital with COVID-19 for Cambridgeshire & Peterborough



Date

01/10/2020

04/01/2022

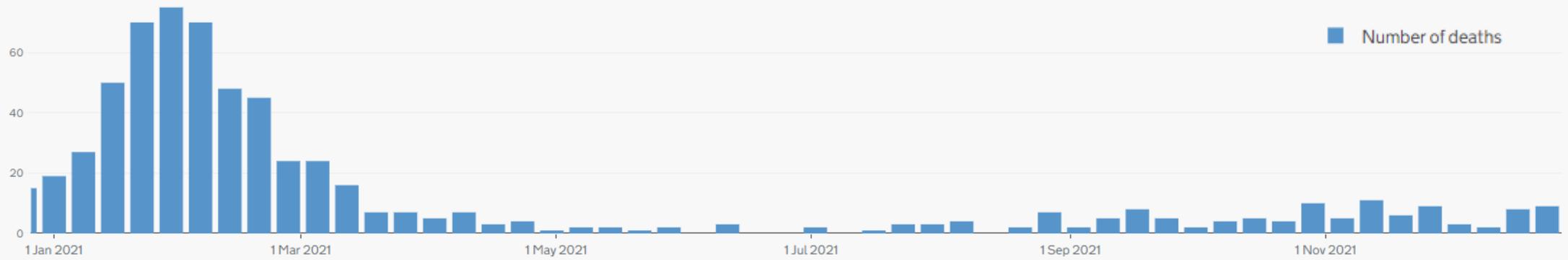
# There have been 18 Covid-19 deaths within 28 days of positive test in the last 28 days in Cambridgeshire and 9 deaths with the last 28 in Peterborough.

## Weekly deaths with COVID-19 on the death certificate by date registered

Weekly number of deaths of people whose death certificate mentioned COVID-19 as one of the causes. The data are published weekly. There is a lag in reporting of at least 11 days because the data are based on death registrations. Data are shown by the date the death was registered.

[Weekly](#) [Data](#) [About](#)

[all](#) [1y](#) [6m](#) [3m](#) [1m](#)



## Deaths in Cambridgeshire

### Deaths within 28 days of positive test

Daily	Total
0	927

### Deaths with COVID-19 on the death certificate

Weekly	Total
9	1,106

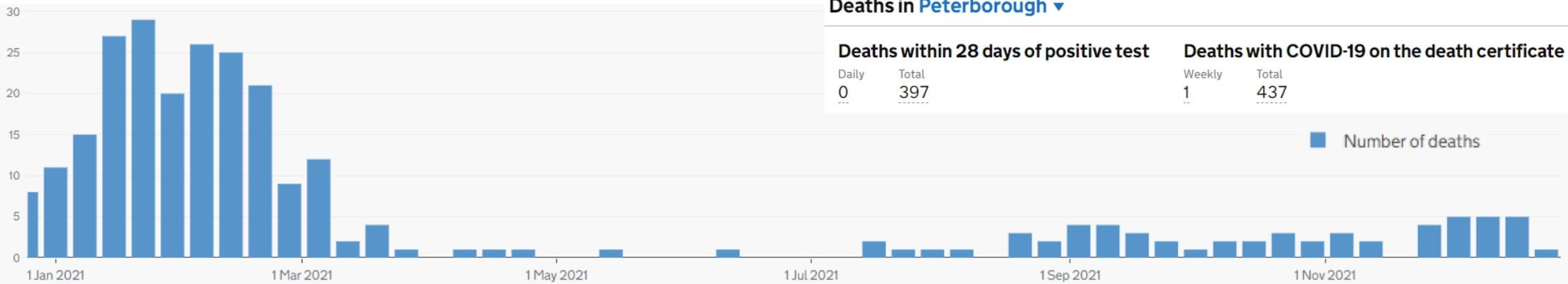
## Deaths in Peterborough

### Deaths within 28 days of positive test

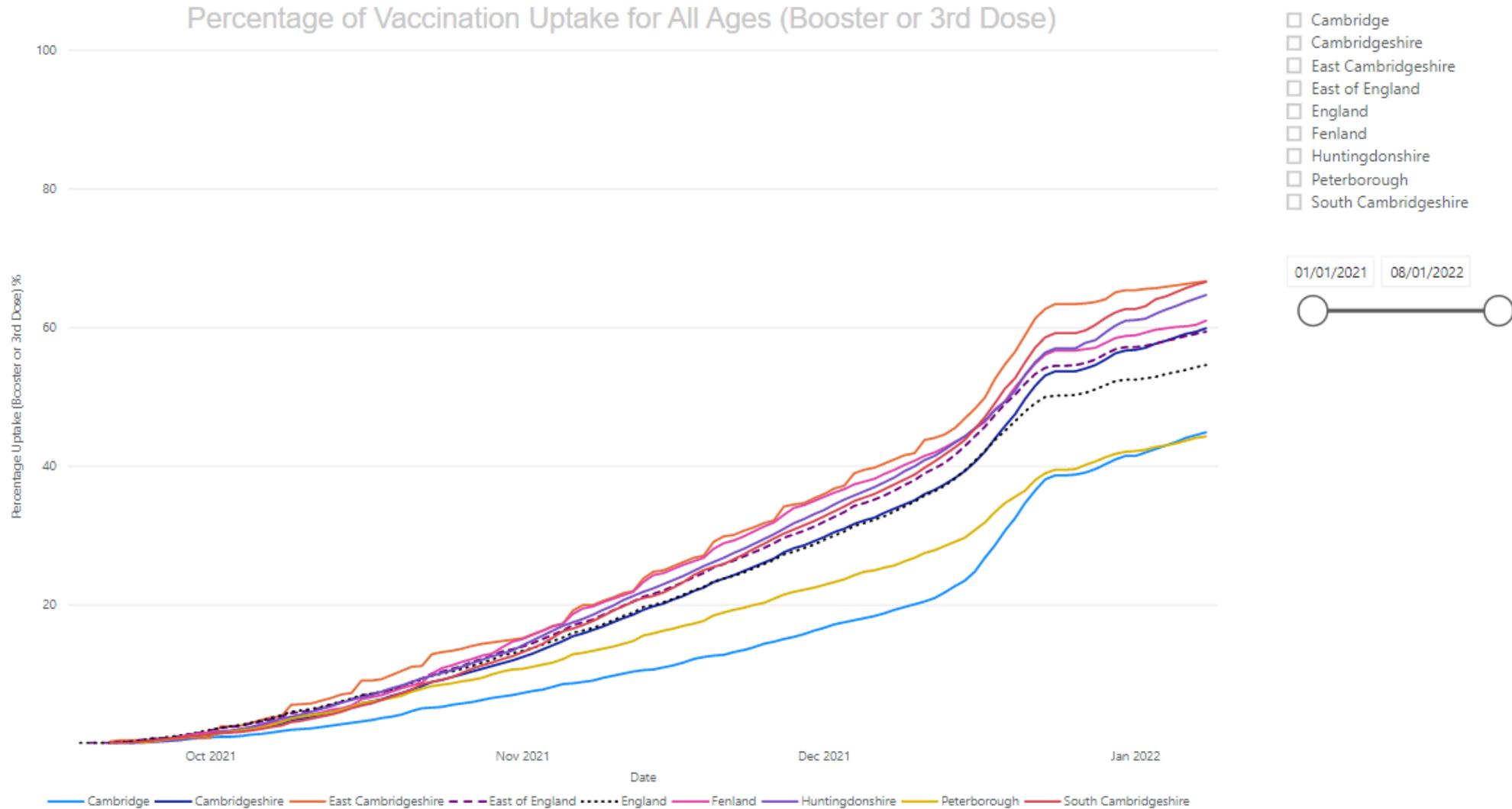
Daily	Total
0	397

### Deaths with COVID-19 on the death certificate

Weekly	Total
1	437



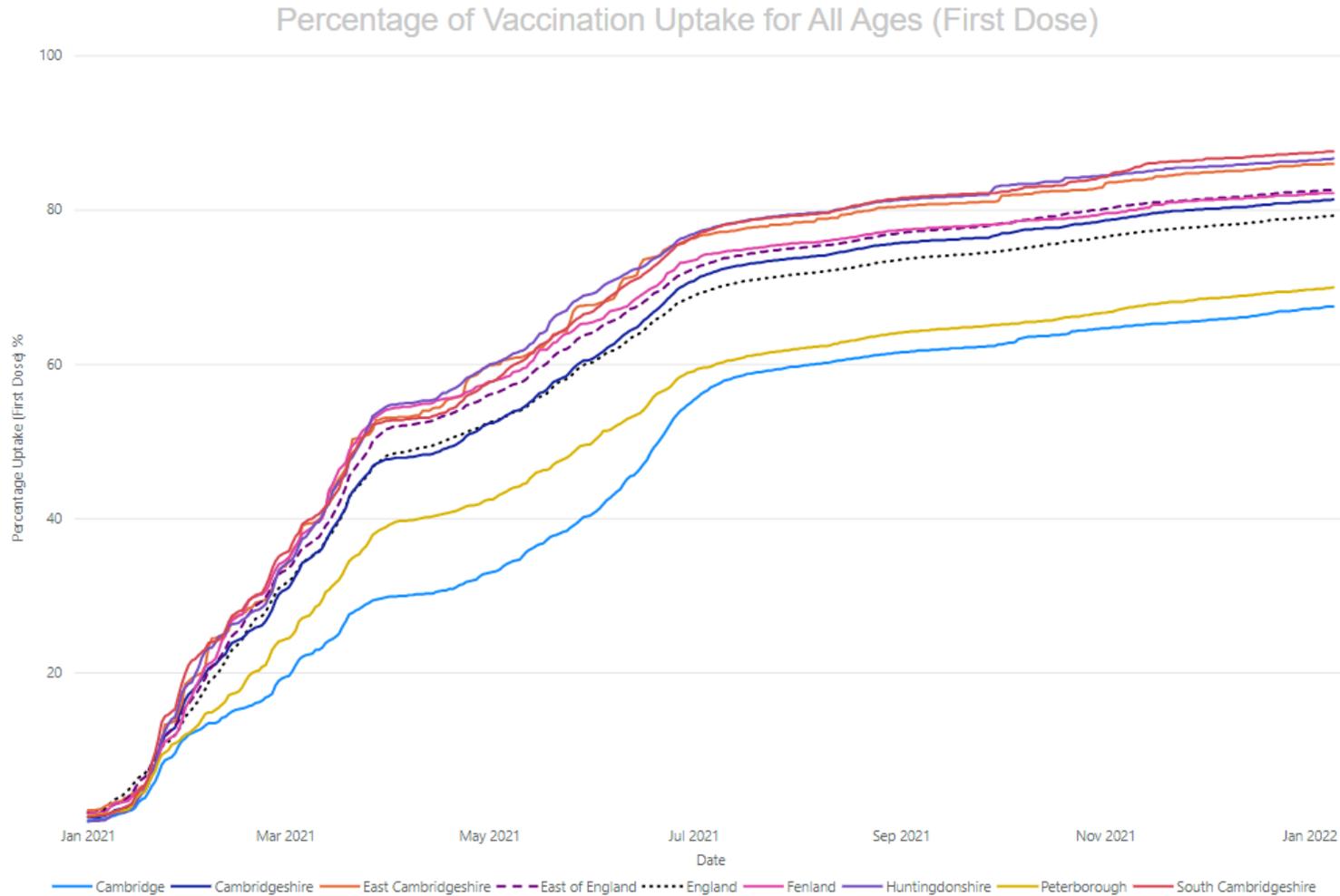
# Booster vaccination levels have increased to above 50% across all districts apart from Peterborough and Cambridge with uptake around 44%.



NIMS  
denominator

# First dose vaccination uptake is still increasing slowly

## However uptake remains below the England average for all age groups in Peterborough and Cambridge, (apart from the 12-15 age group in Cambridge).

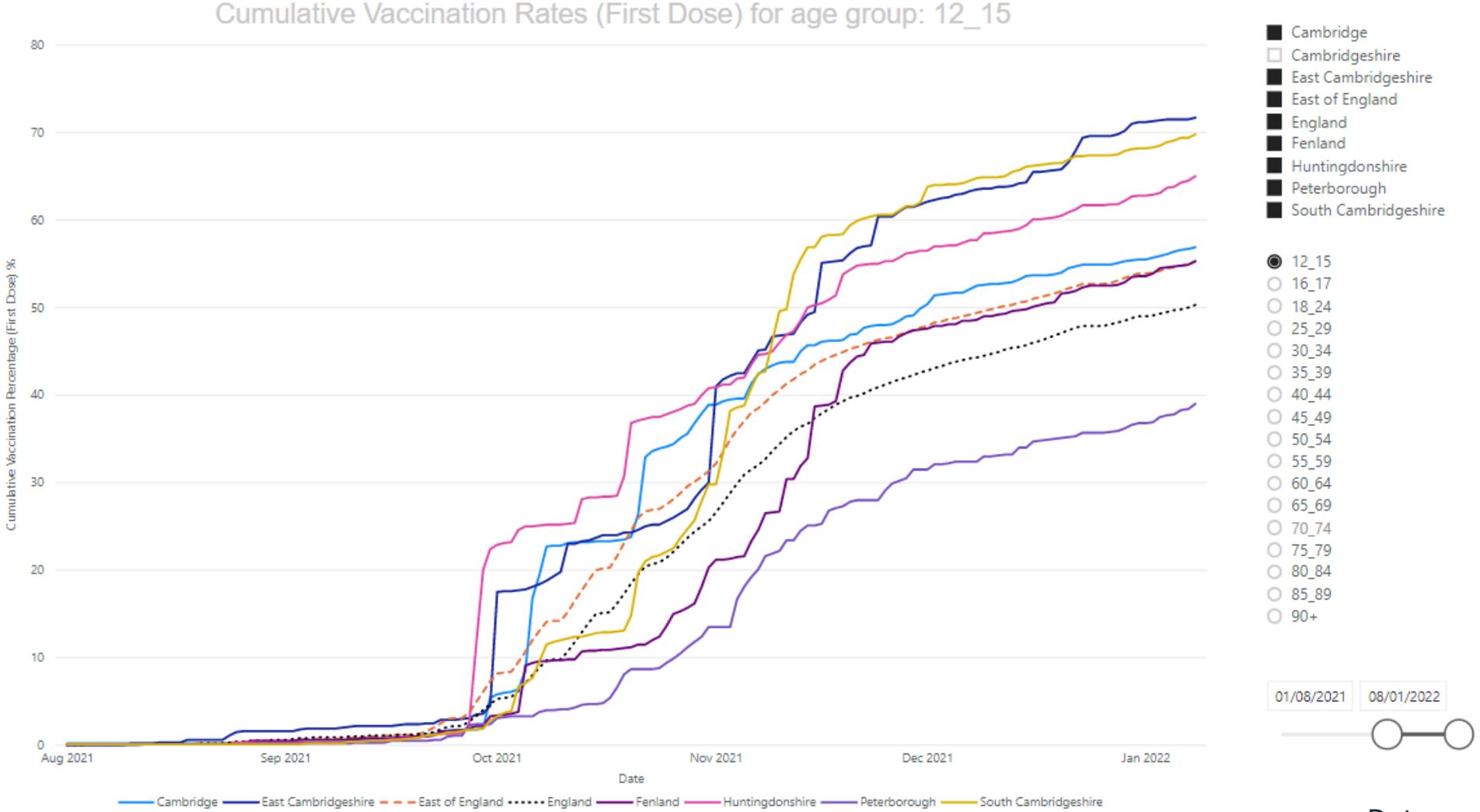


Total percentage of people who have received a COVID-19 vaccination, for first dose, up to the latest day on which vaccine data were reported. Daily figures include all vaccines that were given up to and including the date shown, and that were entered on the relevant system at the time of extract. Data uses NIMS

denominator.

Source: coronavirus.data.gov.uk, last updated 9<sup>th</sup> January 2022

# Vaccination uptake in 12-15 year olds remains above the regional and national average for all districts of Cambridgeshire, Peterborough remains substantially lower.



Data uses NIMS denominator

# Summary Cambridgeshire

- At national level, people testing positive (+6.6%), hospital admissions (+57.7%), and deaths (+30.9%) have increased in the most recent week.
- All-age and 60+ case rates have been increasing across Cambridgeshire since early December.
- Cambridgeshire all-age incidence rates have increased in the last week but remain below national and regional average in all districts apart from Huntingdonshire. Increases also observed in 60+ rates, which remain below the regional and national average for all districts.
- Case rates are highest in people of working age, especially in the 20-39 age group's. Recent increases also in the 50-79 age group and 80+. Case rates remain lower in the primary school age group, although cases have recently increased across all younger age groups.
- The number of Covid-19 patients in hospital has recently increased.
- There have been 18 Covid-19 deaths within 28 days of positive test in the last 28 days in Cambridgeshire.
- Changes in behaviour during the Christmas period likely to have impacted testing habits. Covid-19 guidance will temporarily suspend the requirement for a confirmatory PCR test following a positive LFT in asymptomatic cases. It is anticipated that this may impact the reliability of data and the numbers of self-reported positive cases.
- Booster vaccination levels increasing to above 50% across all districts of C&P apart from Peterborough and Cambridge with uptake around 44%.