

# Epidemiology Review

## Cambridgeshire & Peterborough

### **10<sup>th</sup> February 2021**

**Contacts for queries:**

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# Positive cases, hospital admissions and deaths are all decreasing at a national level. Peterborough remains one of the areas with highest rates

## UK Summary

### Estimated R number

0.7 to 1 with a daily infection growth rate range of -5% to -2% as of 5 February 2021.

### People vaccinated up to and including 8 February 2021

First dose: 12,646,486

Second dose: 516,392

#### Cases

##### People tested positive

Latest data provided on 9 February 2021

Daily

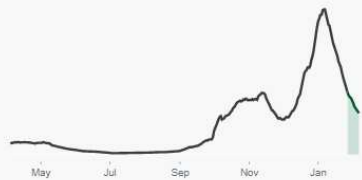
12,364

Last 7 days

119,525

↓ -43,352 (-26.6%)

► Rate per 100k resident population: 199.4



All cases data

#### Deaths

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

Latest data provided on 9 February 2021

Daily

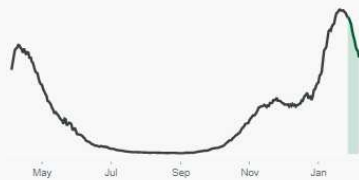
1,052

Last 7 days

5,837

↓ -2,014 (-25.7%)

► Rate per 100k resident population: 8.4



All deaths data

#### Healthcare

##### Patients admitted

Latest data provided on 5 February 2021

Daily

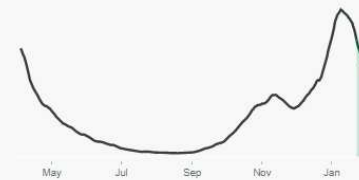
1,987

Last 7 days

16,356

↓ -4,664 (-22.2%)

► Rate per 100k resident population: 199.4



All healthcare data

#### Testing

##### Virus tests conducted

Latest data provided on 8 February 2021

Daily

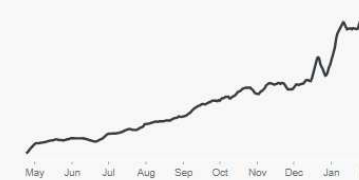
616,718

Last 7 days

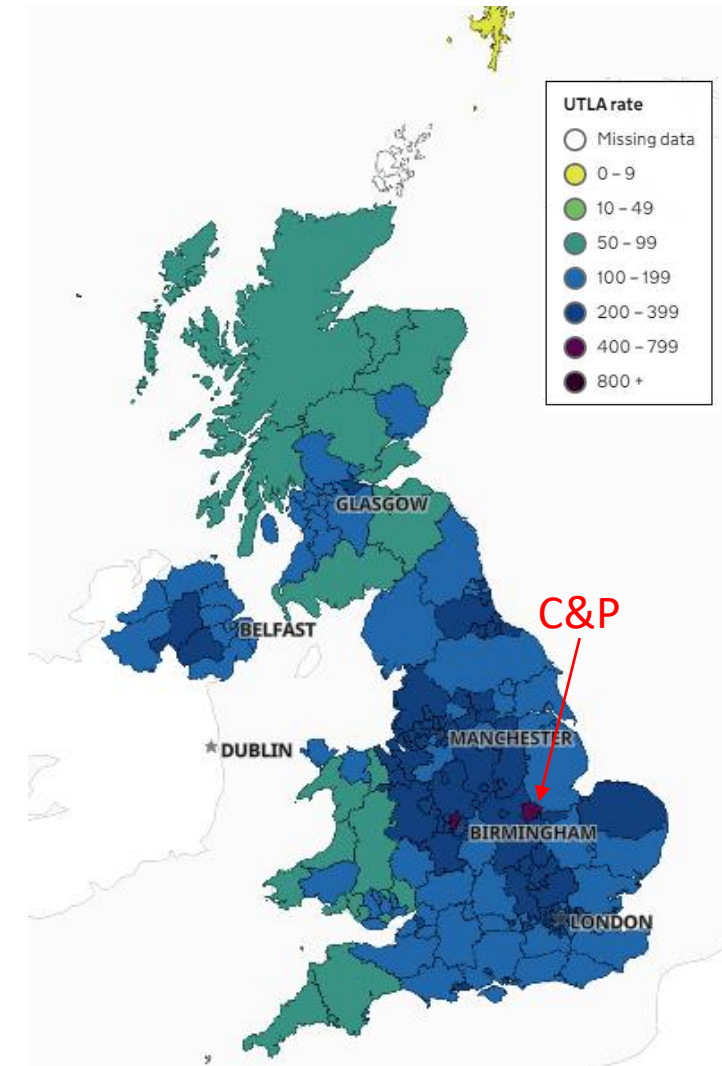
4,519,426

↑ 78,943 (1.8%)

► Rate per 100k resident population: 199.4

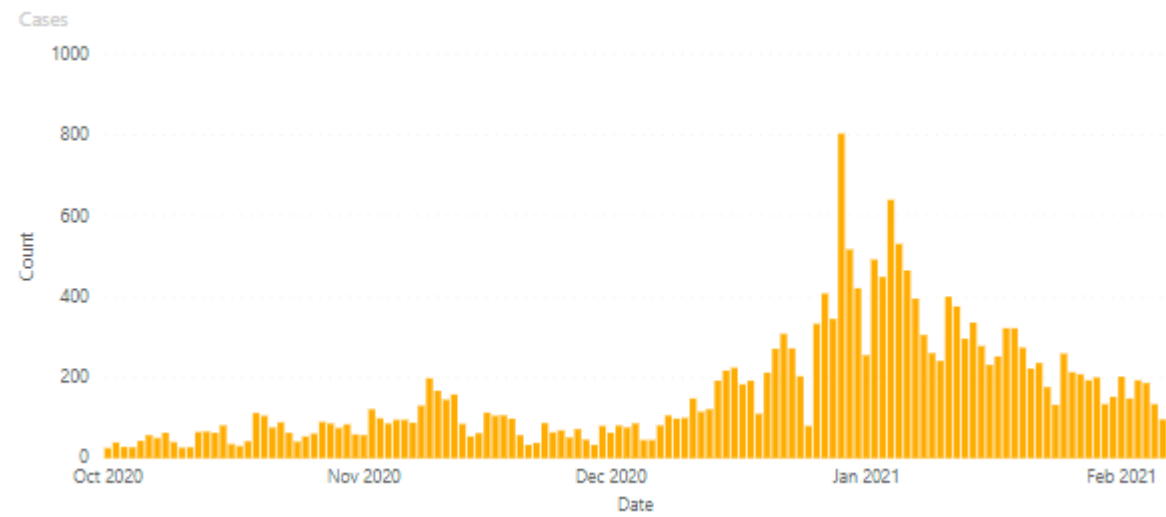


All testing data

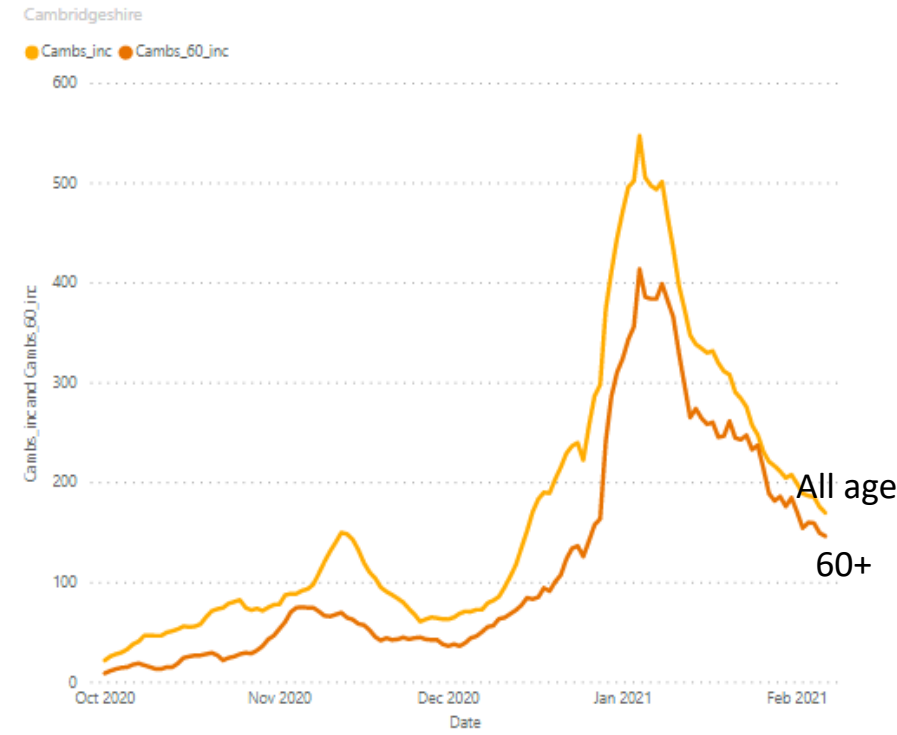


# Cambridgeshire overall case rates and over 60s rates are declining

Case numbers over time

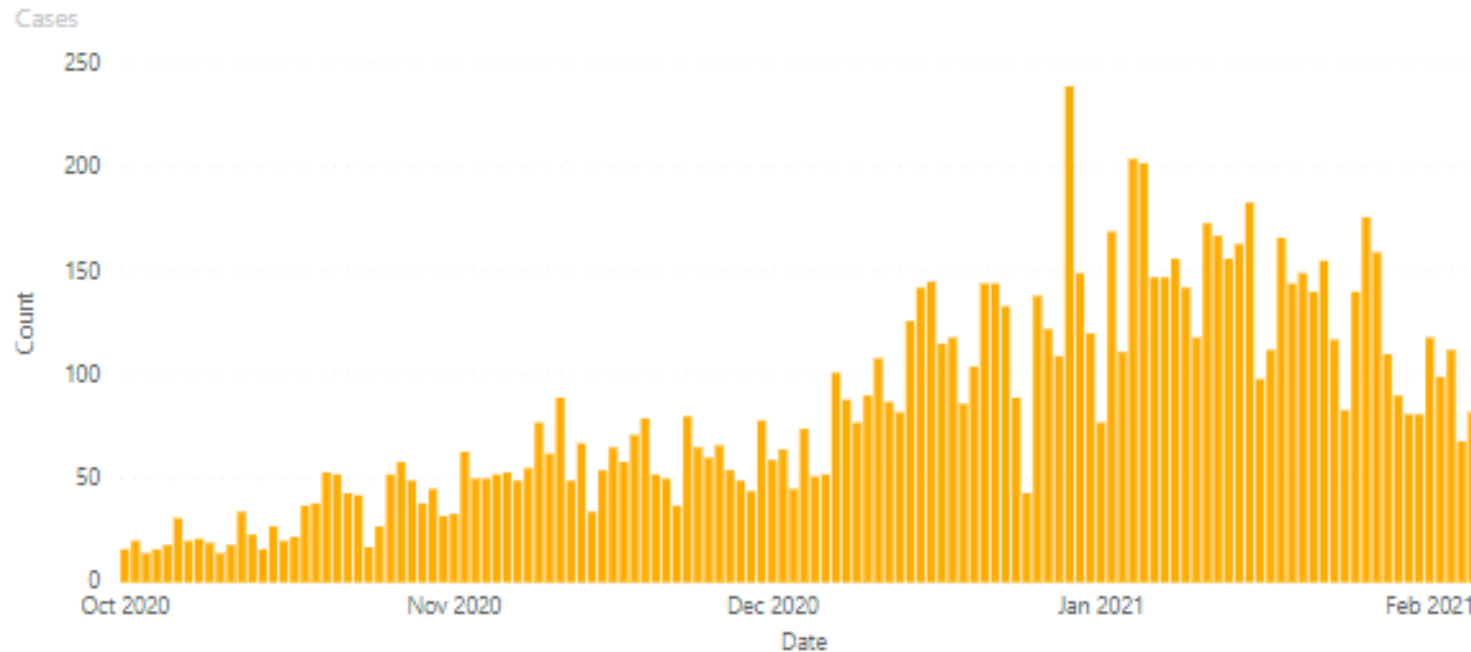


Case rate per 100,000 for all ages and 60+

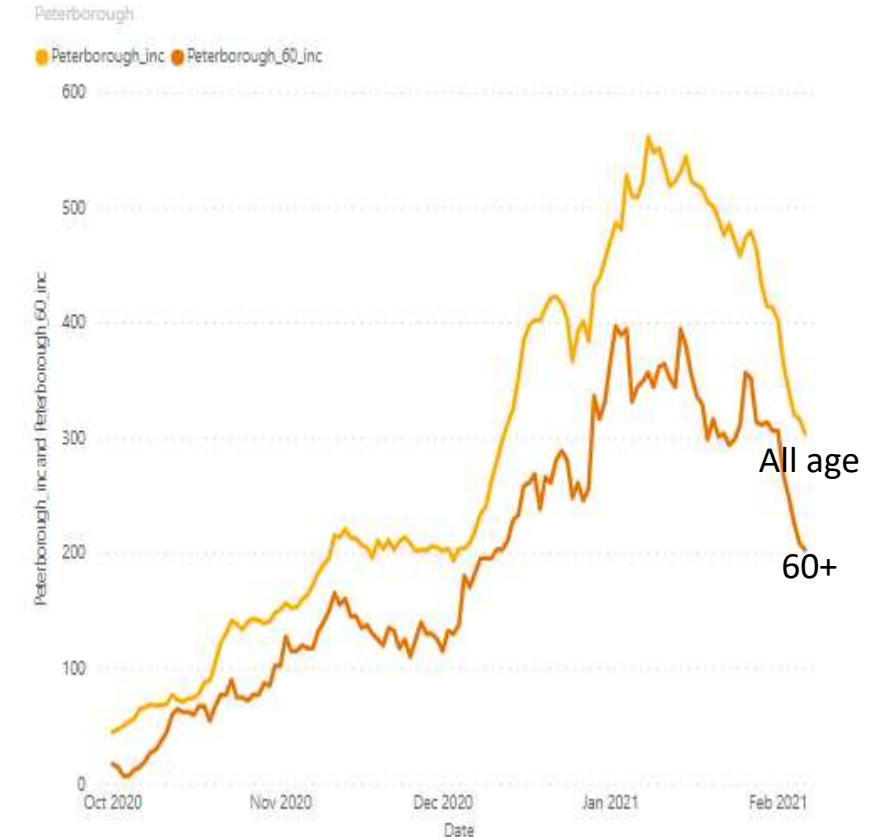


# Peterborough overall case rates and over 60s rates are declining

Case numbers over time



Case rate per 100,000 for all ages and 60+



# Declining incidence rates and positivity rates observed in all areas of Cambridgeshire and Peterborough

	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		Positivity Rate (%) & trend vs previous 7 days	
Data to date	04-Feb		04-Feb	04-Feb		04-Feb	
Cambridge	131.4	↓	-27.8%	97.6	↓	4.7%	↓
East Cambridgeshire	159.2	↓	-14.4%	161.5	↓	6.4%	↓
Fenland	285.7	↓	-8.2%	228.1	↓	8.7%	↓
Huntingdonshire	187.7	↓	-20.3%	126.7	↓	7.6%	↓
South Cambridgeshire	177.9	↓	-1.4%	179.3	↑	5.9%	↓
Peterborough	320.9	↓	-31.0%	226.4	↓	11.2%	↓
<b>EAST OF ENGLAND</b>	205.5	↓	-29.6%	168.0	↓	7.7%	↓
<b>ENGLAND</b>	212.6	↓	-24.9%	165.8	↓	8.2%	↓
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.							

# Decline in overall case rates and over 60s rate in most areas

## LTLA incidence

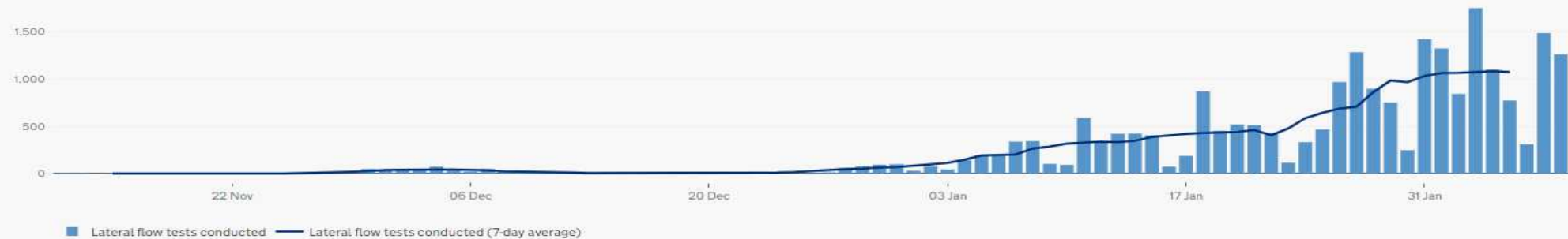


# Increase in number of Lateral Flow tests conducted in Peterborough

## Lateral flow device tests conducted

Number of confirmed positive, negative or void lateral flow device test results. This is a count of test results and may include multiple tests for an individual person. Lateral flow device tests test for the presence of SARS-CoV-2 virus and are swab tests that give results in less than an hour, without needing to go to a laboratory.

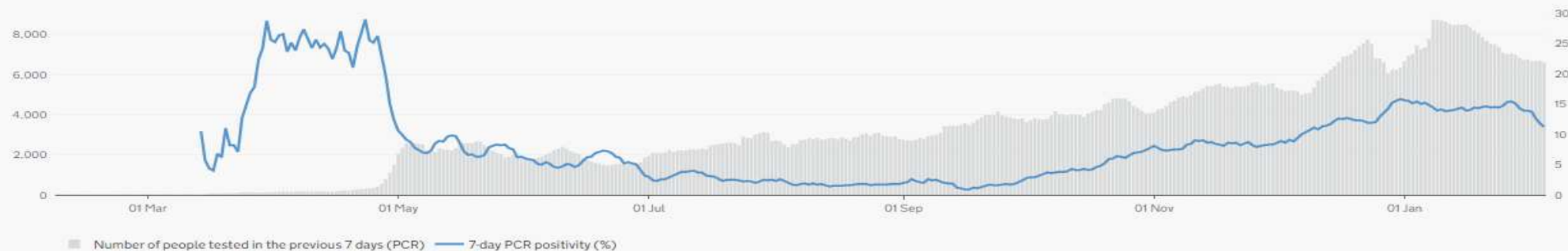
[Daily](#) [Cumulative](#) [Data](#) [About](#)



## Weekly number of people receiving a PCR test and positivity

The number of people who received a PCR test in the previous 7 days, and the percentage of those who had at least one positive COVID-19 PCR test result in the same 7 days, by specimen date. Individuals tested more than once in the period are only counted once in the denominator, and those with more than one positive test result in the period are only included once in the numerator.

[7-day periods](#) [Data](#) [About](#)



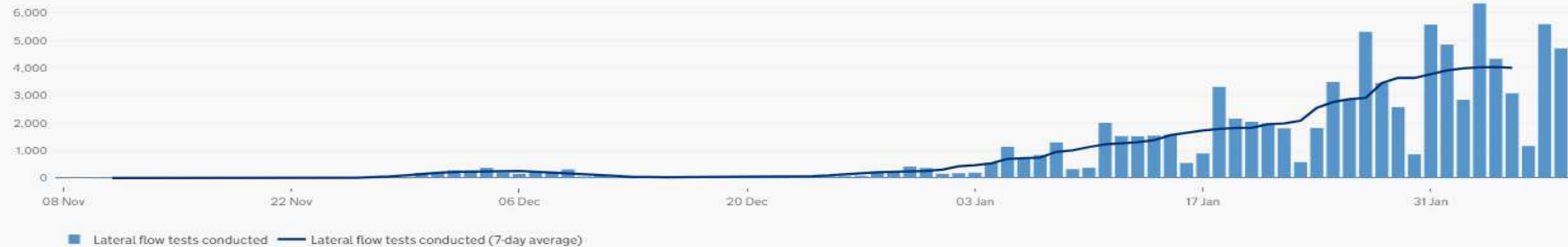


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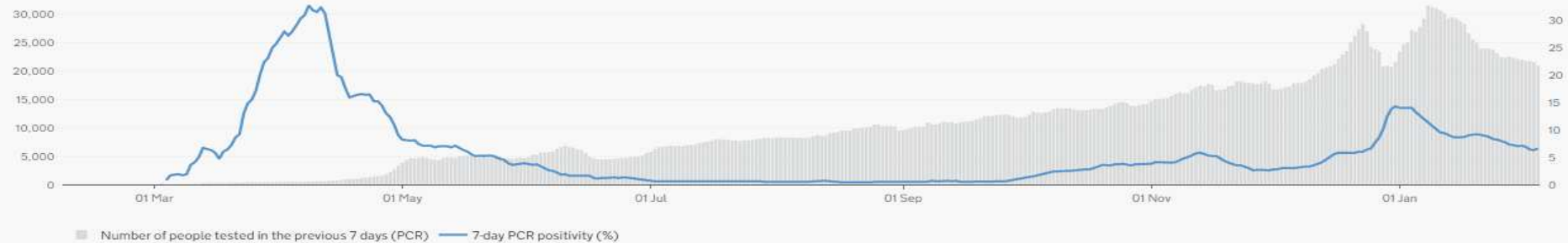
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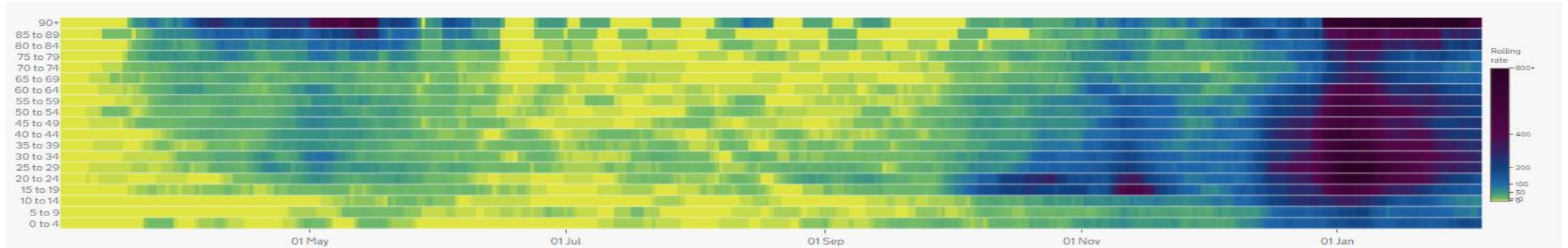
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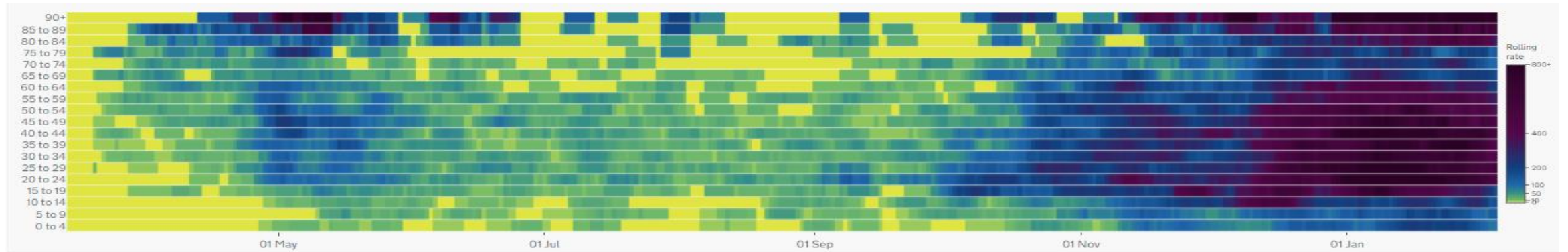


# Case rates remain highest in the working age group and elderly population – higher numbers in 50+ and 60+ in Peterborough

## Cambridgeshire



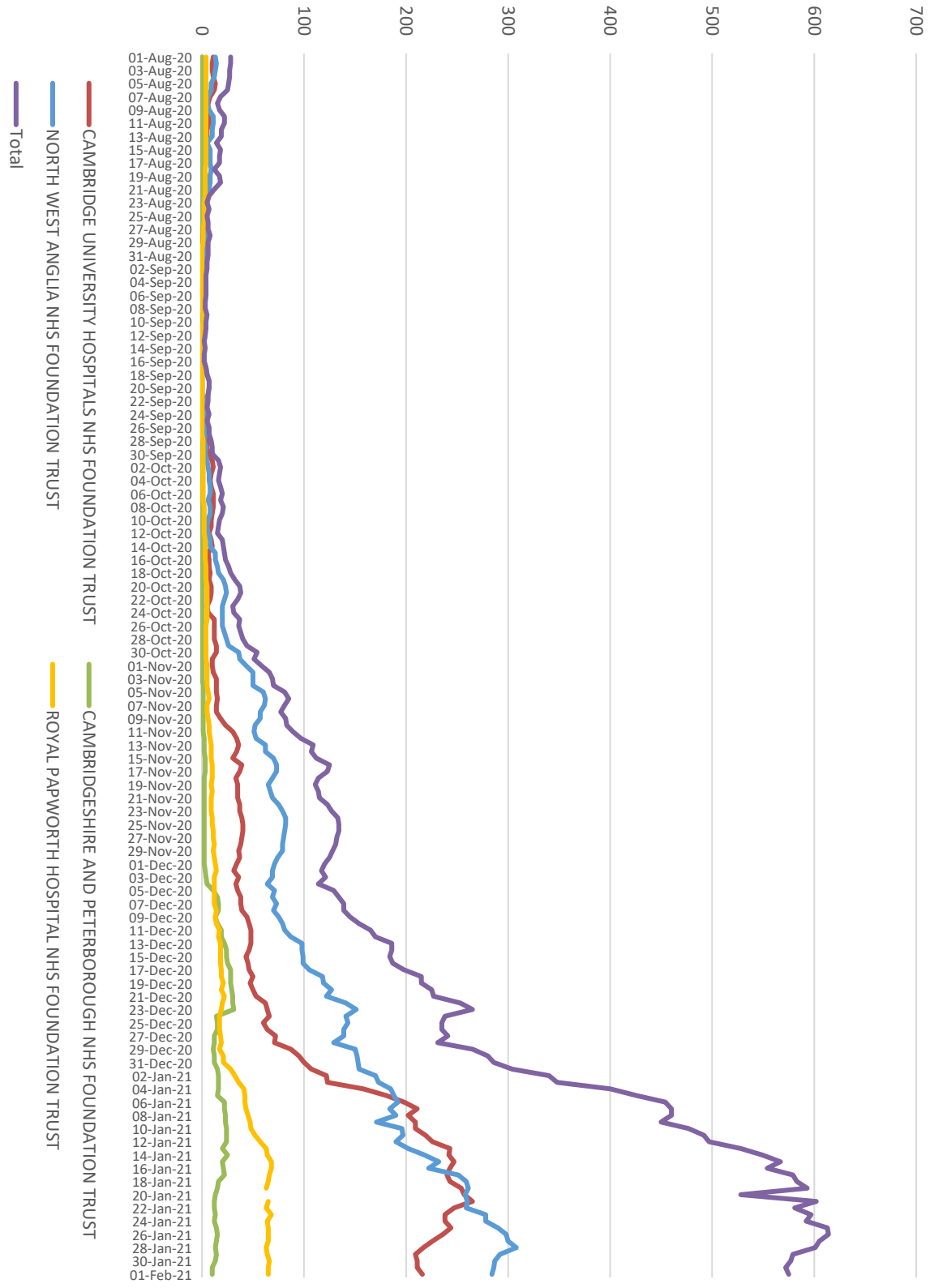
## Peterborough



Rate of people with at least one positive COVID-19 test result (either lab-reported or lateral flow device) per 100,000 population in the rolling 7-day period ending on the dates shown, by age. Individuals tested positive more than once are only counted once, on the date of their first positive test.

# Number of in patients in hospital with Covid-19 in CUHFT and NWAFT shows a recent decline

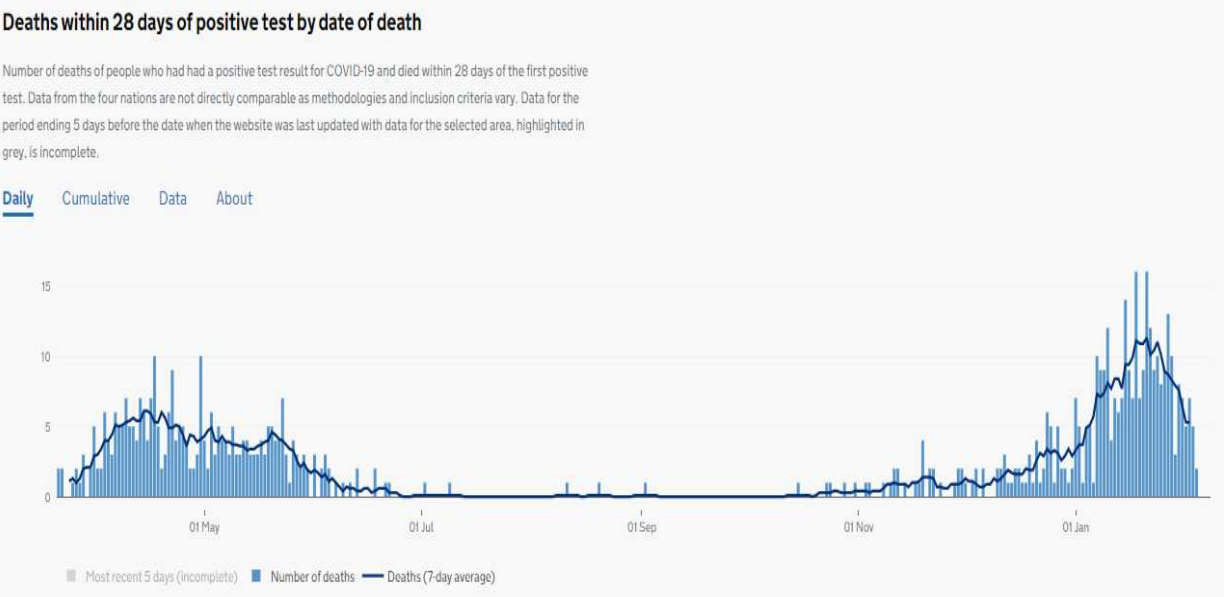
- As at 01/02/2021 575 positive cases in Local Acute Trusts
- 284 at North West Anglia (Peterborough City Hospital and Hinchingbrooke)
  - 216 at Addenbrookes,
  - 65 in Royal Papworth
  - 10 in CPFT.



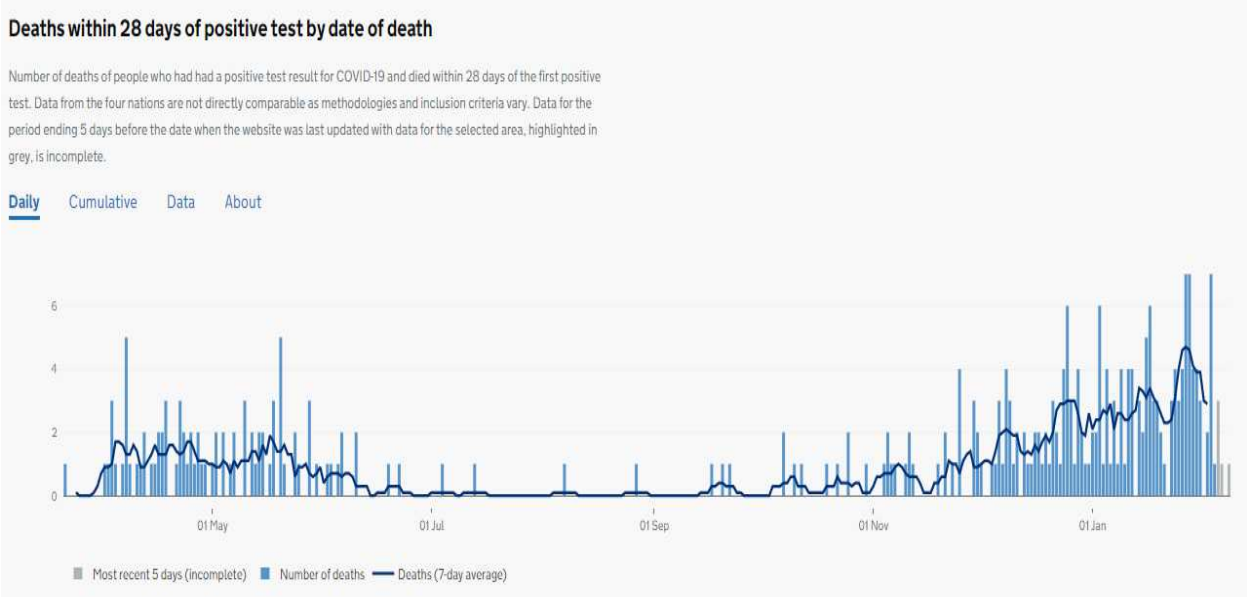
# Recent decrease in Covid-19 mortality in Cambridgeshire

## – Peterborough has fluctuating mortality rates

### Cambridgeshire



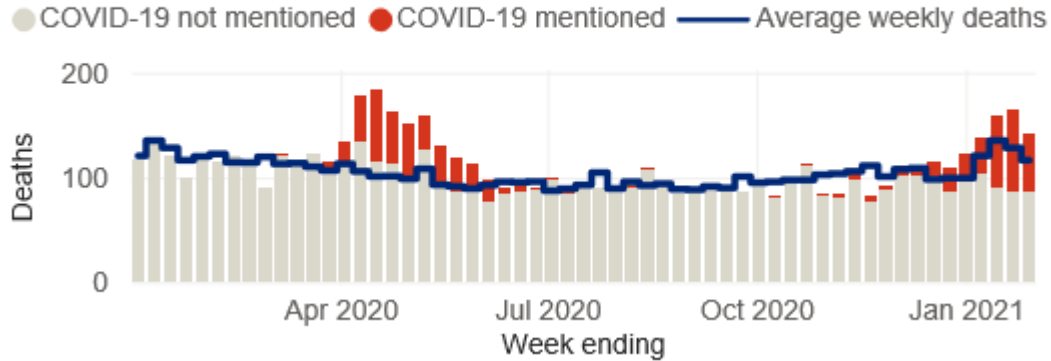
### Peterborough



# Number of all cause deaths is above the 2015-19 weekly average

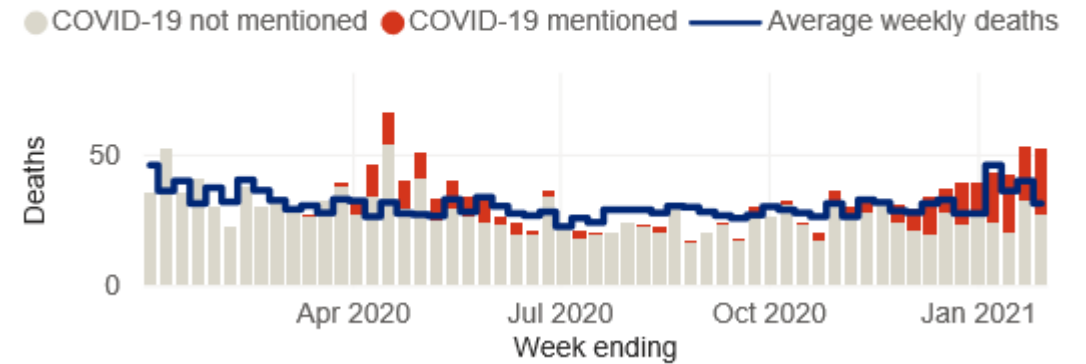
## Cambridgeshire

### All deaths



## Peterborough

### All deaths



*'Source: Deaths registered weekly in England and Wales, provisional, ONS <https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/weeklyprovisionalfiguresondeathsregisteredinenglandandwales>, analysis by PHE'.*

# Key response actions (1)

- Daily surveillance of cases, hospital admissions and other relevant information through our Surveillance Cell
- Generic and targeted communications campaigns to support lock down measures, test and trace and other Covid safety measures.
- Preventive interventions and outbreak management through the Cambridgeshire Peterborough outbreak management team and its education, workplace, care home, and vulnerable groups cells.
- Support for the clinically extremely vulnerable and for those self isolating at home, through county-wide hub and local arrangements.
- Local preventive, rapid response, support and enforcement interventions co-ordinated through district/city level Covid-19 'Gold' groups.

## Key response actions (2)

- Local enhanced contact tracing to reach cases not contacted by the national Test and Trace system
- Introduction of Community Rapid Testing for key workers without symptoms, with sites in all districts/cities in Cambridgeshire and Peterborough
- Successful roll out of the Covid-19 vaccination programme through hospitals, Primary Care Networks, large scale testing centres, and a small number of pharmacies.