

# Cumbria Health Protection Board Weekly COVID-19 Summary

2021 Week 1 (Ending Friday 01 January)

Summary Produced Wednesday 06 January

# Weekly Summary: Key points

## 2021 Week 1 (Ending Friday 1<sup>st</sup> January 2021)



### Cases & Demographics

Key Points for Cumbria's districts in 2021 Week 1:

- There were 2,513 new cases in Cumbria (an increase of 1,420 +130%, from 1,093 cases in the previous week);
- For the 3<sup>rd</sup> week in a row Carlisle had the greatest number of new cases (+1,013 new cases);
- Carlisle also overtook Eden in having the highest rate of new cases (932 new cases per 100k population);
- Both Carlisle and Eden's rates were above the national average rate (England = 572 new cases per 100k population);
- Furthermore, Carlisle, Eden and Allerdale's rates were above the regional average rate (North West = 419 new cases per 100k population);
- New cases increased from the previous week in all Cumbrian districts, with the biggest proportional increases in Barrow-in-Furness and Copeland (+248% and +242% respectively);
- In 2021 week 1, the 15-29 and 30-44 age groups accounted for the joint greatest numbers of new cases in Cumbria, followed closely by the 45-59 age group. Numbers of new cases in these three age groups have risen rapidly in the last week;
- There have also been increases in new cases in all other age groups in Cumbria.

### Health & Hospitalisations

Summary for week ending Tuesday 5<sup>th</sup> January 2021:

- The number of new patients admitted with COVID-19 Positive status in North Cumbria Integrated Care (NCIC) doubled from the previous week;
- However, the number of new patients admitted with COVID-19 Positive status in University Hospitals of Morecambe Bay NHS Foundation Trust (UHMB) decreased slightly from the previous week;
- The average number of patients with COVID-19 in beds in NCIC increased substantially from the previous week;
- Furthermore, the average number of patients with COVID-19 in beds in UHMB increased slightly from previous week.

### Mortality

- Number of COVID-19 related deaths increased (up to 2020 week 52).

### Impact on Sectors

- Despite school closures, there are still a number of outbreaks and incidents across all education settings
- Numbers of outbreaks in Care Homes have increased in North and South Cumbria; there are further outbreaks in extra care housing, sheltered accommodation and supported living services

# R estimates & Growth Rates

## NHS Region

Region	R	Growth rate % per day
England	1.1-1.4	+2 to +5
East of England	1.2-1.5	+4 to +7
London	1.2-1.5	+4 to +8
Midlands	1.0-1.2	0 to +3
North East and Yorkshire	0.9-1.1	-2 to +2
North West	0.9-1.1	0 to +3
South East	1.2-1.4	+4 to +7
South West	1.0-1.2	+1 to +4

Source: gov.uk. Wednesday 23 December 2020.  
North Cumbria falls within the North East and Yorkshire region.

The values are shown as a range, the most likely true values are somewhere towards the middle of this range.

\*Low case numbers and/ or a high degree of variability in transmission across the region means these estimates are insufficiently robust to inform policy decisions.

# Cases

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**Weekly Summary: COVID-19 : New Cases: Number and Rate Per 100,000 Population**

ID	Area	Previous Week*	Previous Week*	Current Week**	Current Week**	Weekly No. Change in New Cases	Weekly % Change in New Cases
		No. New Cases	Rate of New Cases	No. New Cases	Rate of New Cases		
1	England	212983	378	322018	572	109035	51
2	North West	15547	212	30758	419	15211	98
3	Cumbria	1093	219	2513	503	1420	130
4	Allerdale	177	181	439	449	262	148
5	Barrow-in-Furness	64	95	223	333	159	248
6	Carlisle	380	350	1013	932	633	167
7	Copeland	55	81	188	276	133	242
8	Eden	245	460	363	682	118	48
9	South Lakeland	172	164	287	273	115	67

\*Previous Week is 2020 Week 52 (Ending Friday 25th December 2020)

\*\*Current Week is 2021 Week 1 (Ending Friday 1st January 2021)

Last updated on Tuesday 5 January 2021 at 4:22pm

Source: <https://coronavirus.data.gov.uk/>

Note: This represents the number of people with a positive test result

# Cumbria Cases



Cumbria Weekly Cases by Pillar

● PILLAR 1 ● PILLAR 2 ● Total Cases

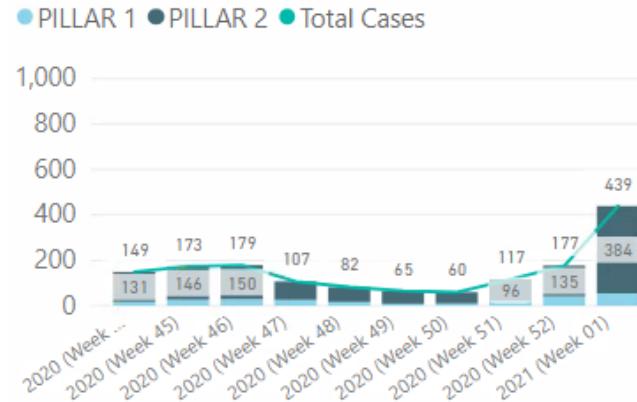


Source: PHE (data represents the number of people with a positive test result)

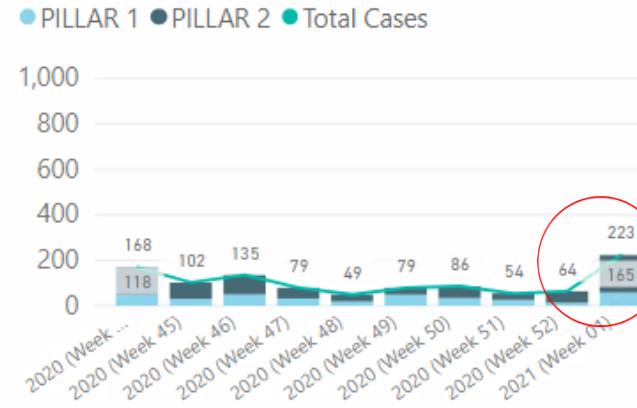
# District Cases

Carlisle had the greatest number of new cases in 2021 week 1, with both Carlisle and Eden's rates being above the national average rate. New cases increased from the previous week in all Cumbrian districts, with the biggest proportional increases in Barrow-in-Furness and Copeland (+248% and +242% respectively).

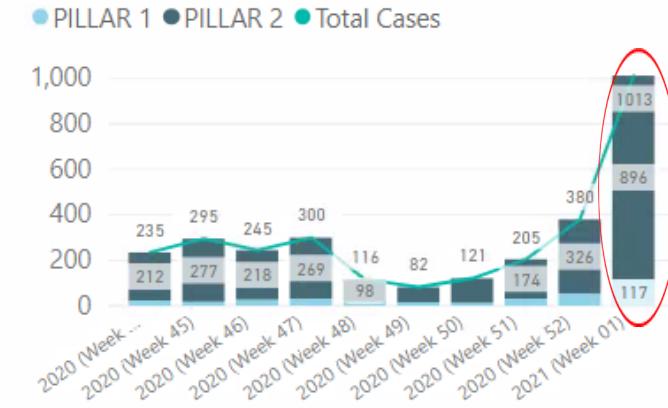
## Allerdale



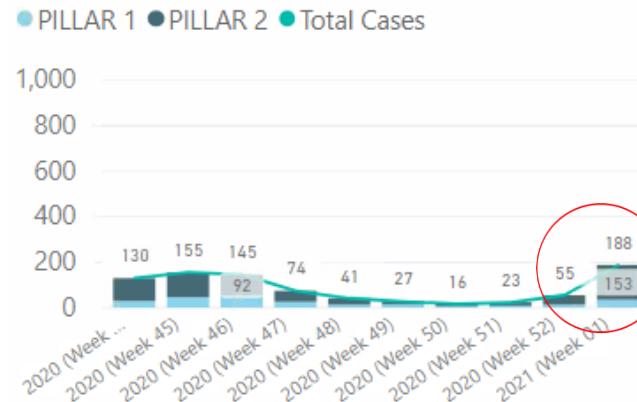
## Barrow-in-Furness



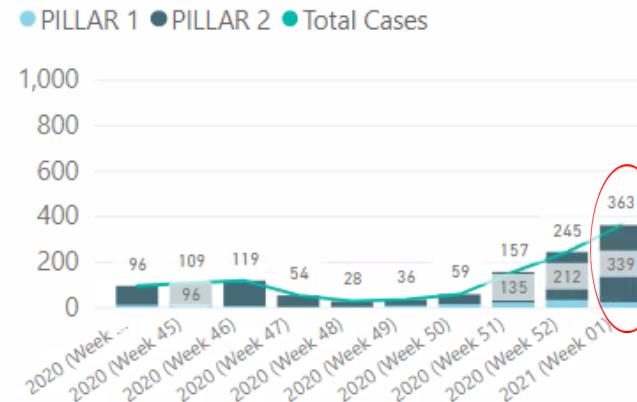
## Carlisle



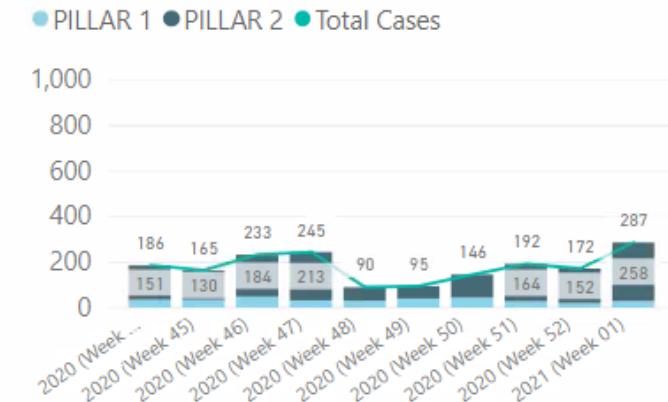
## Copeland



## Eden



## South Lakeland



Source: PHE (data represents the number of people with a positive test result)

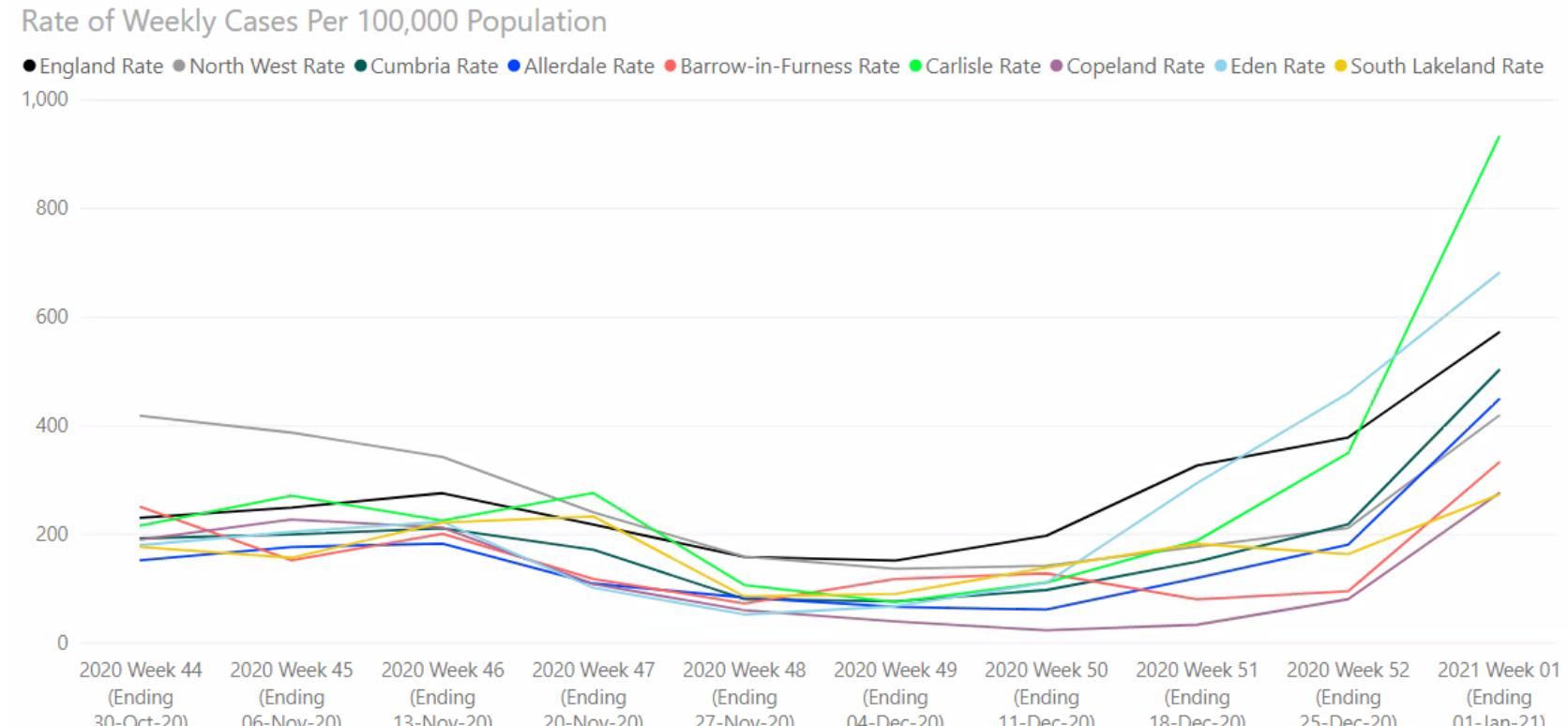
# Rate of Cases Per 100,000 Population

In 2021 week 1 rates of new cases increased in all Cumbrian districts.

The rate of new cases in Eden remained above the national average rate, while the rate in Carlisle increased rapidly to overtake both the national average rate and the Eden average rate.

Source: <https://coronavirus.data.gov.uk>

Data represents the number of people with a positive test result per 100k population.



# Daily Lab-Confirmed Cases – Pillar 1 & 2

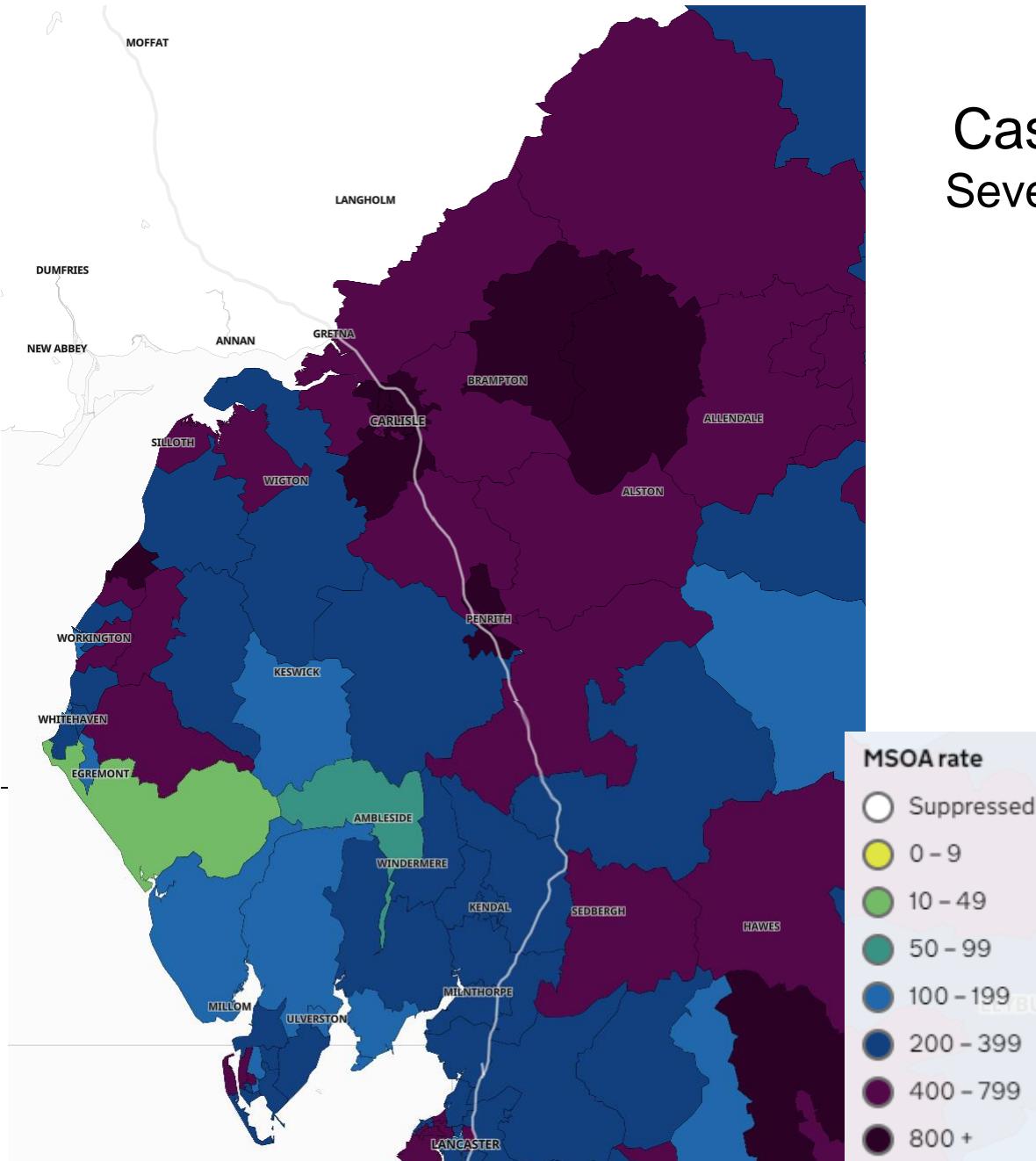
## [Preliminary up to 03 January 2021]

[Last updated on Wednesday 06 January 2021 at 04:00pm]

	25-Dec-20	26-Dec-20	27-Dec-20	28-Dec-20	29-Dec-20	30-Dec-20	31-Dec-20	01-Jan-21	02-Jan-21	03-Jan-21
<b>Cumbria</b>	<b>71</b>	<b>204</b>	<b>330</b>	<b>255</b>	<b>545</b>	<b>511</b>	<b>386</b>	<b>284</b>	<b>483</b>	<b>483</b>
Allerdale	21	36	56	36	110	99	65	39	88	92
Barrow-in-Furness	1	10	18	13	66	58	34	24	52	49
Carlisle	26	96	152	104	194	201	152	114	189	173
Copeland	7	8	14	23	28	43	48	24	44	64
Eden	8	36	56	37	70	65	61	38	57	59
South Lakeland	8	18	34	42	77	45	26	45	53	46

Source: <https://coronavirus.data.gov.uk/>

*[Data is subject to revisions; most recent days are provisional and likely to increase as lab results are processed]*



# Cases by Middle Super Output Area (MSOA)

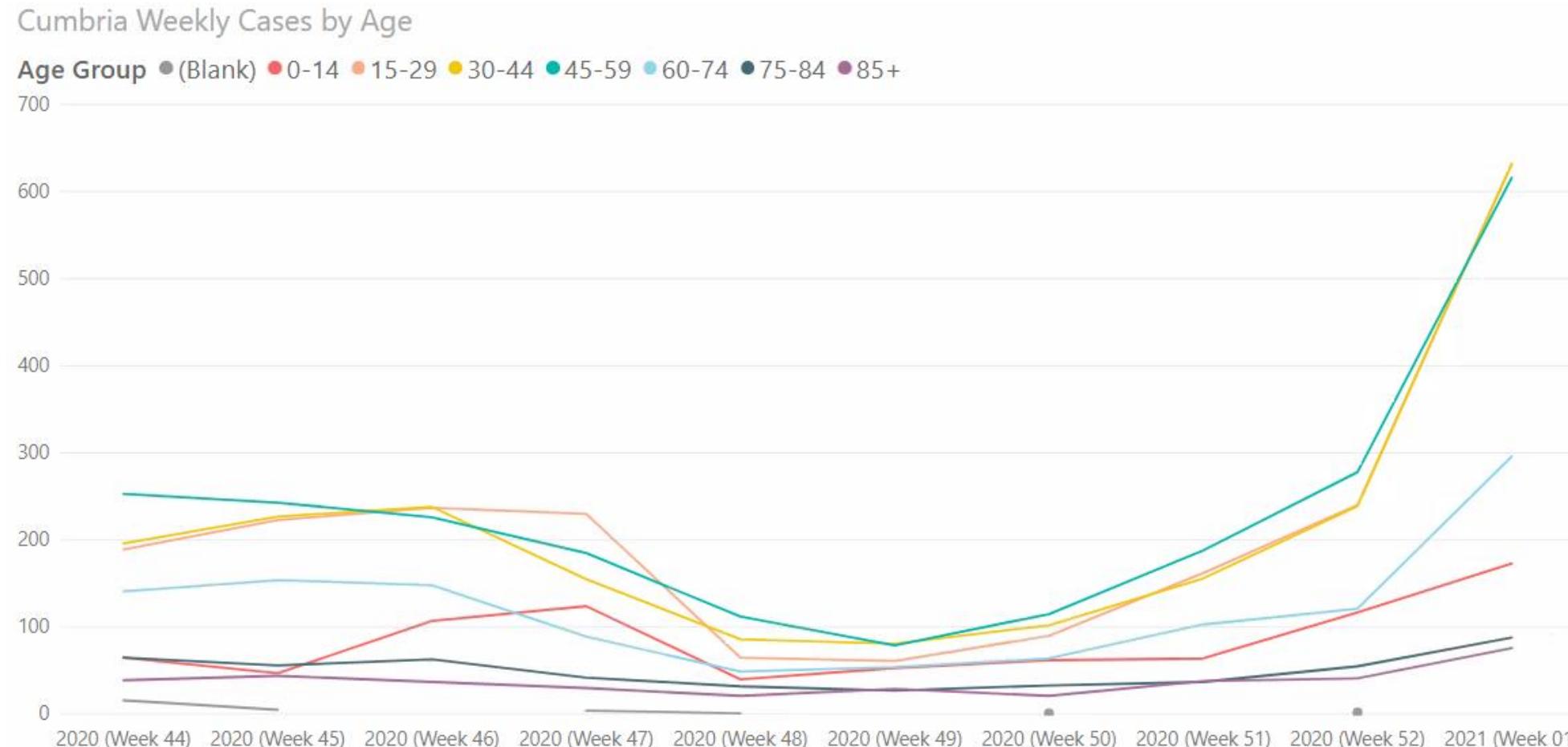
Seven-day rolling rate of new cases by specimen date  
ending on 31 Dec 2020

<https://coronavirus.data.gov.uk/details/interactive-map>

Last updated on Tuesday 5 January 2021 at 4:22pm

# Cases by Age Group - Number

In 2021 week 1, the 15-29 and 30-44 age groups accounted for the joint greatest numbers of new cases in Cumbria, followed closely by the 45-59 age group. Numbers of new cases in these three age groups have risen rapidly in the last week. There have also been increases in new cases in all other age groups in Cumbria.

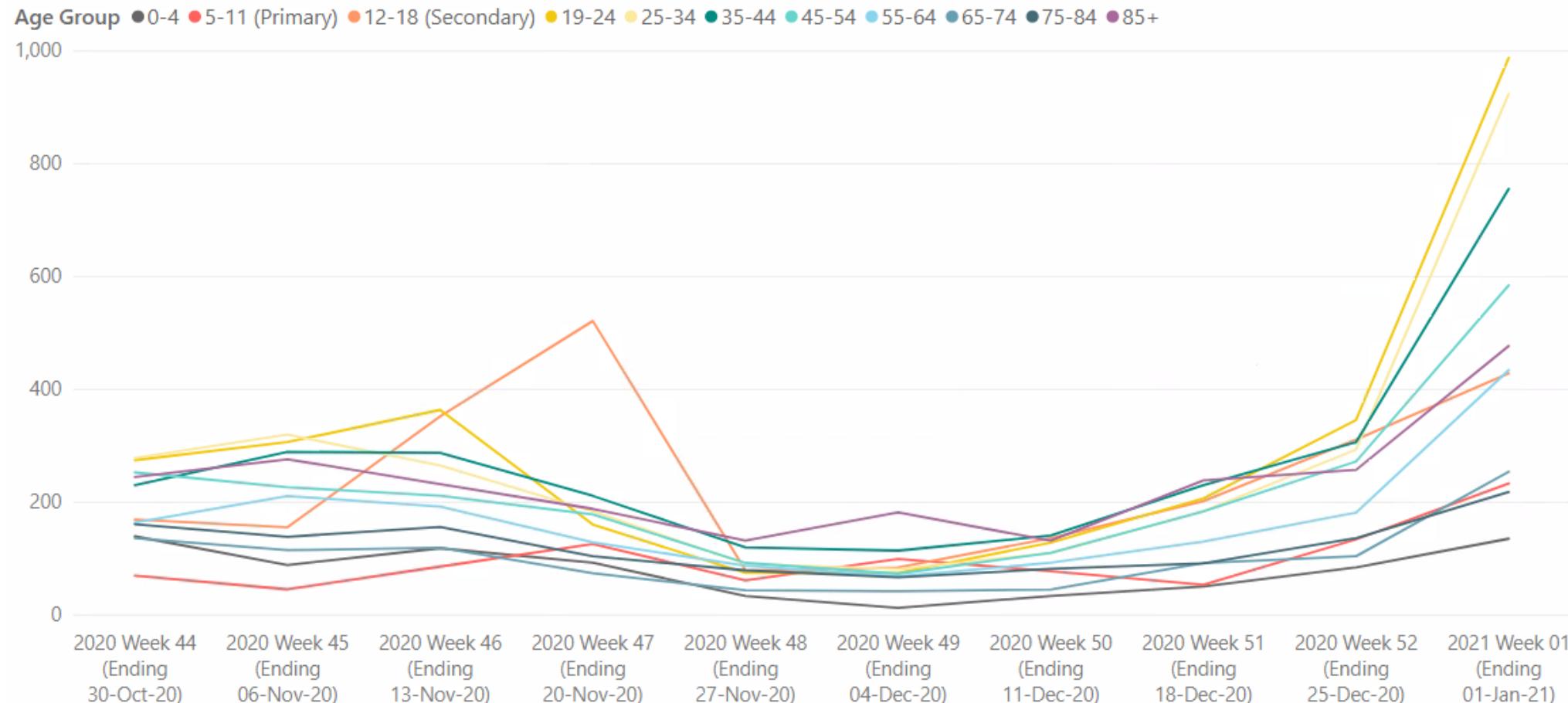


Source: PHE (data represents the number of people with a positive test result)

# Cases by Age Group – Rate per 100,000

## [including primary/secondary school age groups]

Cumbria Rate of Weekly Cases by Age Per 100,000 Population



Source: PHE (data represents the number of people with a positive test result)

# Hospitalisations

Summary for week ending Tuesday 5<sup>th</sup> January:

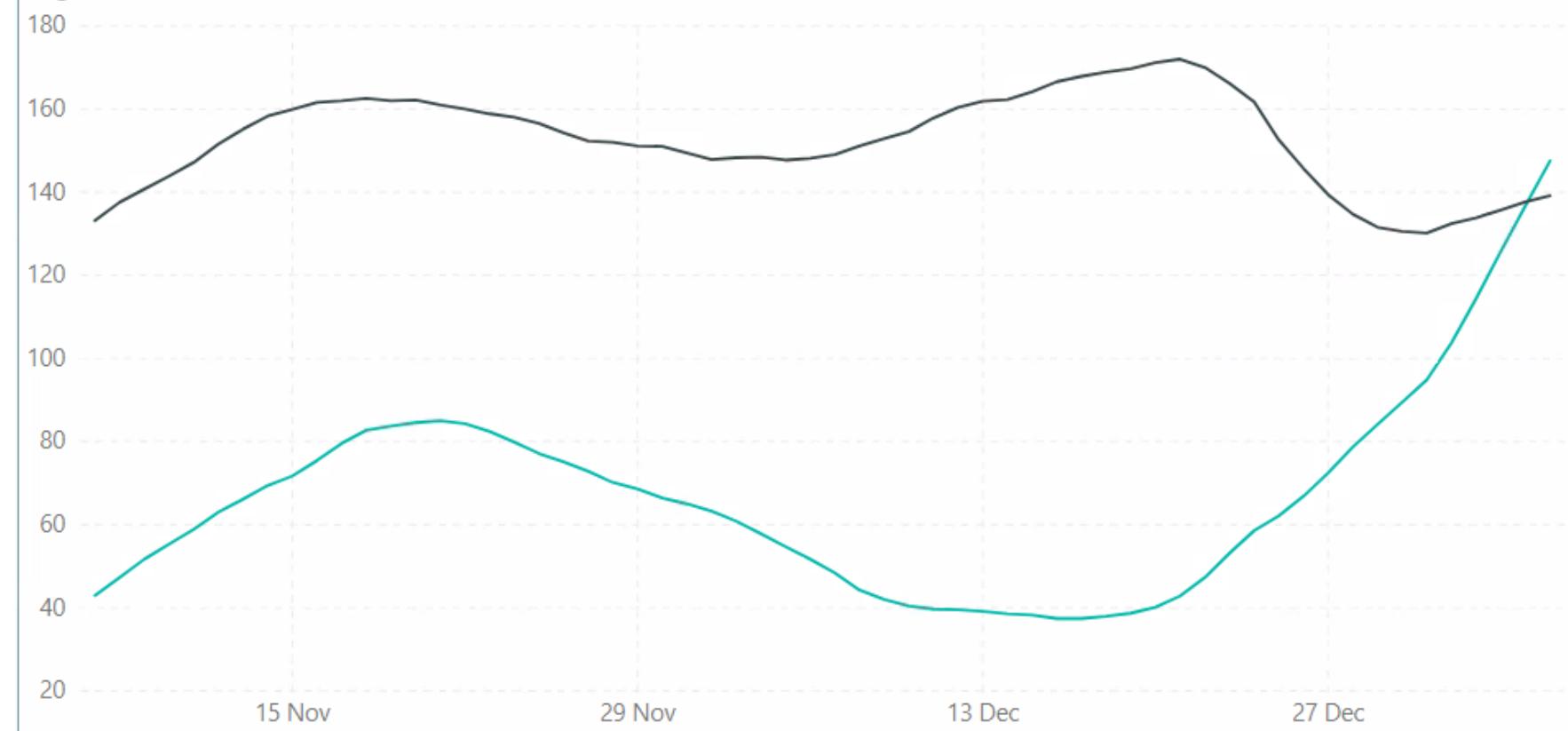
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- The average number of patients with COVID-19 in beds in NCIC increased substantially from the previous week;
- Furthermore, the average number of patients with COVID-19 in beds in UHMB increased slightly from previous week.

Source: NHS Daily Sit Rep Submissions.  
 Please be aware that the data is collected as a 'sitrep' on the day and is not refined retrospective reporting data. It is susceptible to error caused by delays in data entry and as simple admin errors. There is no mechanism for updating or correcting any such occurrences with NHSE/i - the prime recipient.

**Data To:**  
05/01/2021      **Last Updated:**  
06/01/2021

## Number of Confirmed COVID-19 Patients in Hospital Beds (ICU and General) - 7 Day Rolling Average

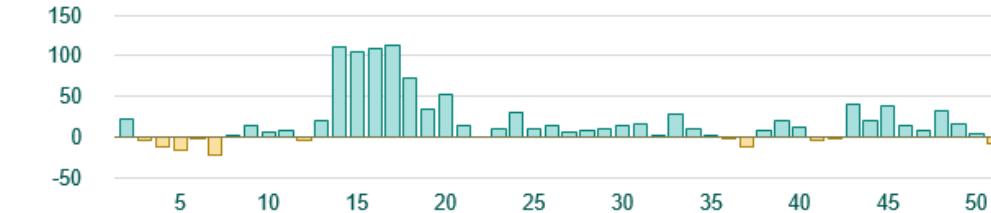
Legend • NCIC • UHMB



# Mortality: Cumbria Weekly Registered Deaths to Week 52 (up to 25 December 2020)

## Week 52: Cumbria CC, registered deaths

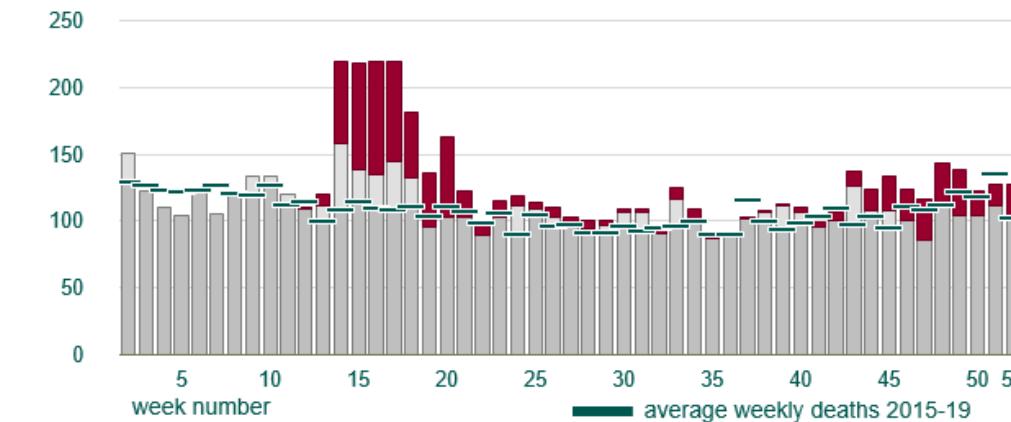
Excess deaths (2020 deaths minus 2015 to 2019 average) up to 25 December 2020



Greater than the 5 year average

Less than the 5 year average

All deaths in 2020 by week, with proportion where COVID-19 is mentioned



COVID-19 mentioned on the death certificate

Note – week 52 includes the Christmas holiday period. Also, as there was just one bank holiday in week 52 in 2020 compared to two bank holidays in that corresponding week in previous years, registered deaths for week 52 would be expected to be higher than the five year comparator average 2015-2019.

COVID-19 not mentioned

ONS - Deaths registered weekly in England and Wales, provisional

Registered deaths in week 52 =	127
Excess registered deaths in week 52 (using 2015-19 weekly averages	25
Registered deaths mentioning COVID-19 in week 52 =	23
Registered deaths mentioning COVID-19 in weeks 1 to 52 =	808

## For week 52

Registered deaths for week ending 25 December 2020

2019 population	2020 deaths COVID-19 mentioned	Crude rate 100,000
England	2,631	4.67
North West ONS region	343	4.67
Cumbria CC	23	4.60