

Cumbria Health Protection Board Weekly COVID-19 Summary

Week 51 (Ending Friday 18 December)

Summary Produced Wednesday 23 December

Weekly Summary: Key points

Week 51 (Ending Friday 18 December)



Cases & Demographics

- There were 741 new cases in Cumbria (an increase of 254, +52%, from 487 cases in the previous week);
- Carlisle overtook South Lakeland in having the greatest number of new cases (+201 new cases);
- Furthermore, Eden overtook South Lakeland in having the highest rate of new cases (295 new cases per 100k population);
- Eden's rate was below the national average rate (England = 317 new cases per 100k population);
- However, Eden, Carlisle and South Lakeland's rates were all above the regional average rate (North West = 176 new cases per 100k population);
- New cases increased from week 50 in all Cumbrian districts except Barrow-in-Furness, the biggest proportional increase was in Eden (+171%).
- The 45-59 age group accounted for the greatest number of new cases in Cumbria;
- There have been increases new cases in all age groups over the last week.

Health & Hospitalisations

To week ending Monday 21st December:

- The number of new patients admitted with COVID-19 Positive status in North Cumbria Integrated Care (NCIC) increased 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 from the previous week;
- The average number of patients with COVID-19 in beds in NCIC showed little change from the previous week;
- The average number of patients with COVID-19 in beds in UHMB increased from the previous week.

Mortality

- Number of COVID-19 related deaths decreased (up to week 50).

Impact on Sectors

- There are still a number of outbreaks and incidents across all education settings;
- School attendance levels in open schools decreased reflecting the national picture; they remain above the national average;
- Numbers of outbreaks in Care Homes remained the same across the county.

R estimates & Growth Rates NHS Region



Region	R	Growth rate % per day
England	1.1-1.3	+2 to +4
East of England	1.2-1.4	+4 to +6
London	1.1-1.3	+3 to +6
Midlands	1.0-1.2	+1 to +3
North East and Yorkshire	0.9-1.1	-1 to +1
North West	0.9-1.1	0 to +2
South East	1.1-1.3	+3 to +5
South West	0.9-1.2	0 to +3

Source: gov.uk. Friday 18 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

Key Points for Cumbria's districts in Week 51:

- There were 741 new cases in Cumbria (an increase of 254, +52%, from 487 cases in the previous week);
- Carlisle overtook South Lakeland in having the greatest number of new cases (+201 new cases);
- Furthermore, Eden overtook South Lakeland in having the highest rate of new cases (295 new cases per 100k population);
- Eden's rate was below the national average rate (England = 317 new cases per 100k population);
- However, Eden, Carlisle and South Lakeland's rates were all above the regional average rate (North West = 176 new cases per 100k population);
- New cases increased from week 50 in all Cumbrian districts except Barrow-in-Furness, the biggest proportional increase was in Eden (+171%).

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

ID	Area	Previous Week* No. New Cases	Previous Week* Rate of New Cases	Current Week** No. New Cases	Current Week** Rate of New Cases	Weekly No. Change in New Cases	Weekly % Change in New Cases
1	England	111063	197	178522	317	67459	61
2	North West	10429	142	12940	176	2511	24
3	Cumbria	487	97	741	148	254	52
4	Allerdale	60	61	118	121	58	97
5	Barrow-in-Furness	86	128	52	78	-34	-40
6	Carlisle	120	110	201	185	81	68
7	Copeland	16	23	22	32	6	38
8	Eden	58	109	157	295	99	171
9	South Lakeland	147	140	191	182	44	30

*Previous Week is Week 50 (Ending Friday 11th December 2020)

**Current Week is Week 51 (Ending Friday 18th December 2020)

Last updated on Tuesday 22 December 2020 at 4:00pm

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

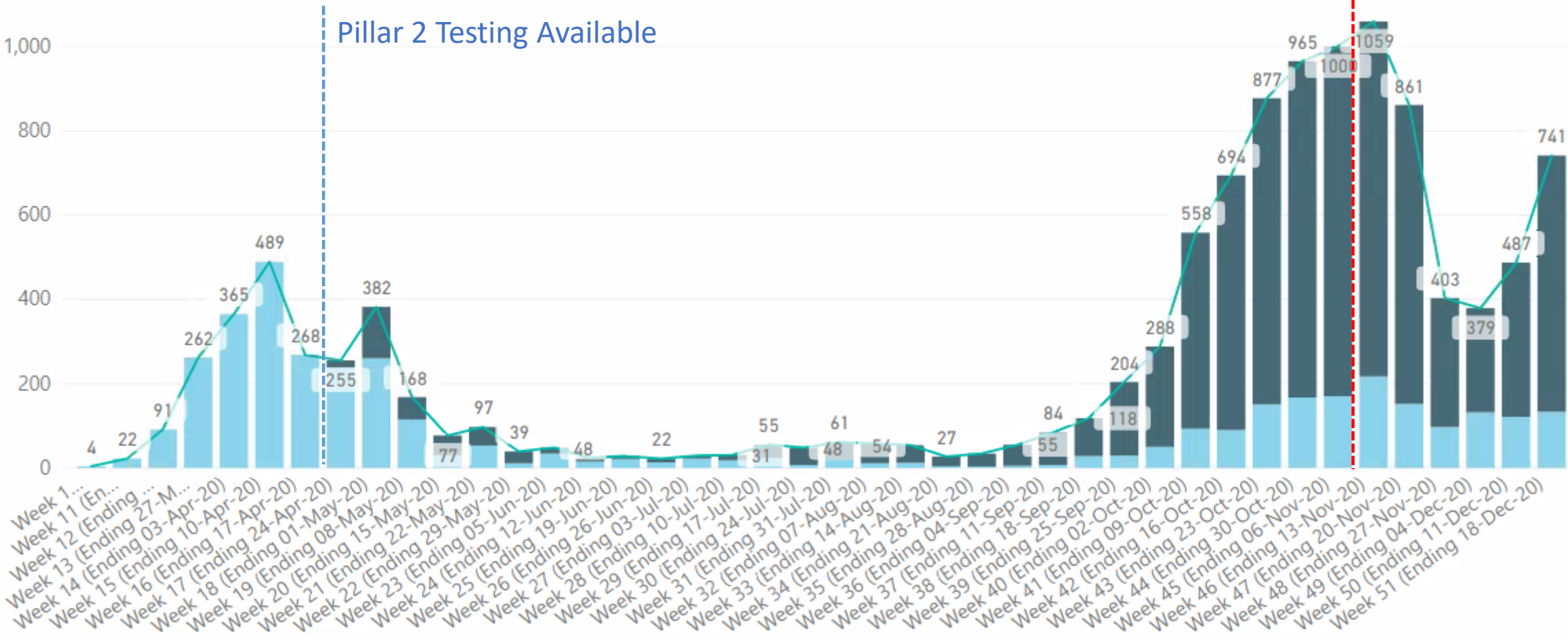
Note: This represents the number of people with a positive test result

Cumbria Cases



Cumbria Weekly Cases by Pillar

● PILLAR 1 ● PILLAR 2 ● Total Cases

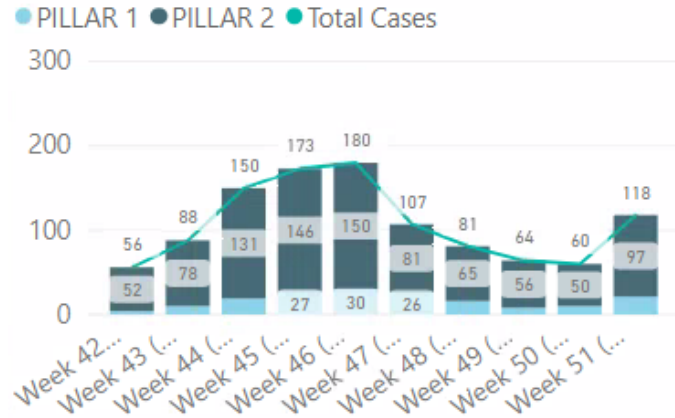


Source: PHE (data represents the number of people with a positive test result)

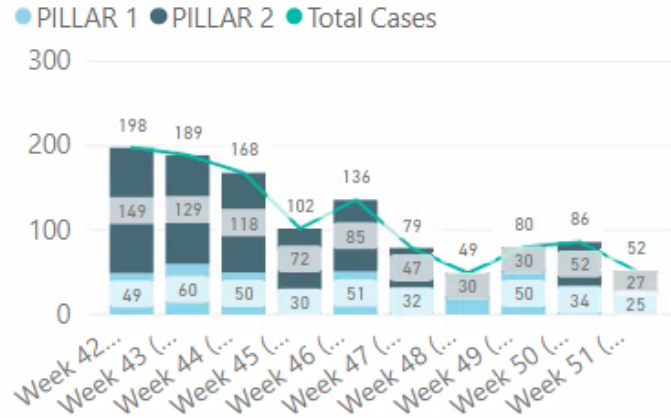
District Cases

Carlisle had the greatest number of new cases (+201 new cases) in week 51, while Eden had the highest rate of new cases (295 per 100k population). New cases increased from week 50 in all Cumbrian districts except Barrow-in-Furness, the biggest proportional increase was in Eden (+171%).

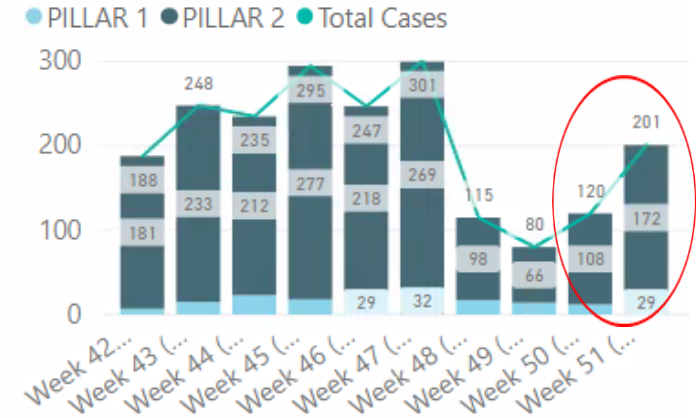
Allerdale



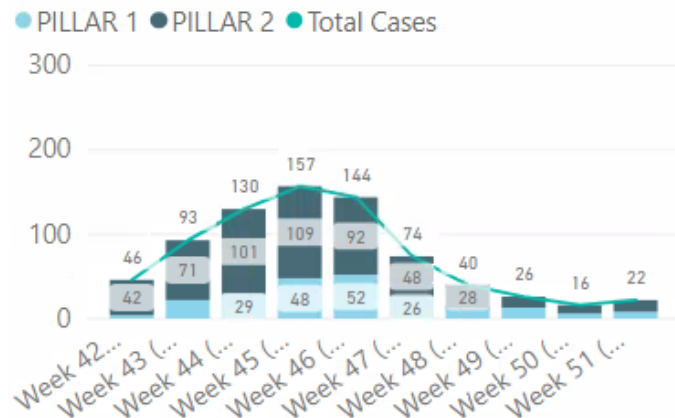
Barrow-in-Furness



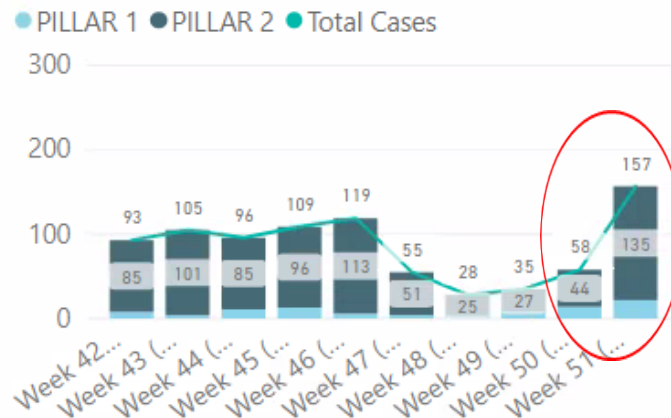
Carlisle



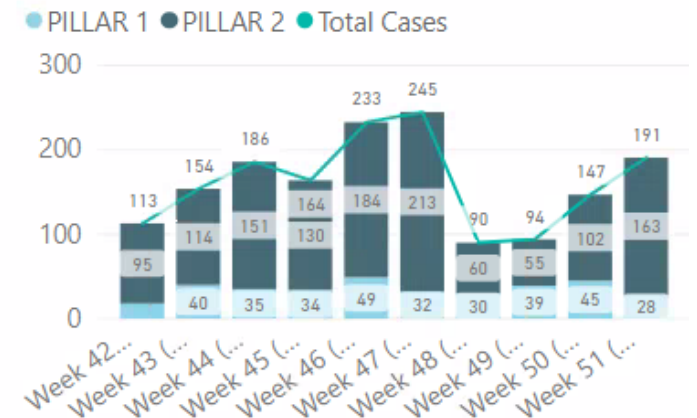
Copeland



Eden



South Lakeland



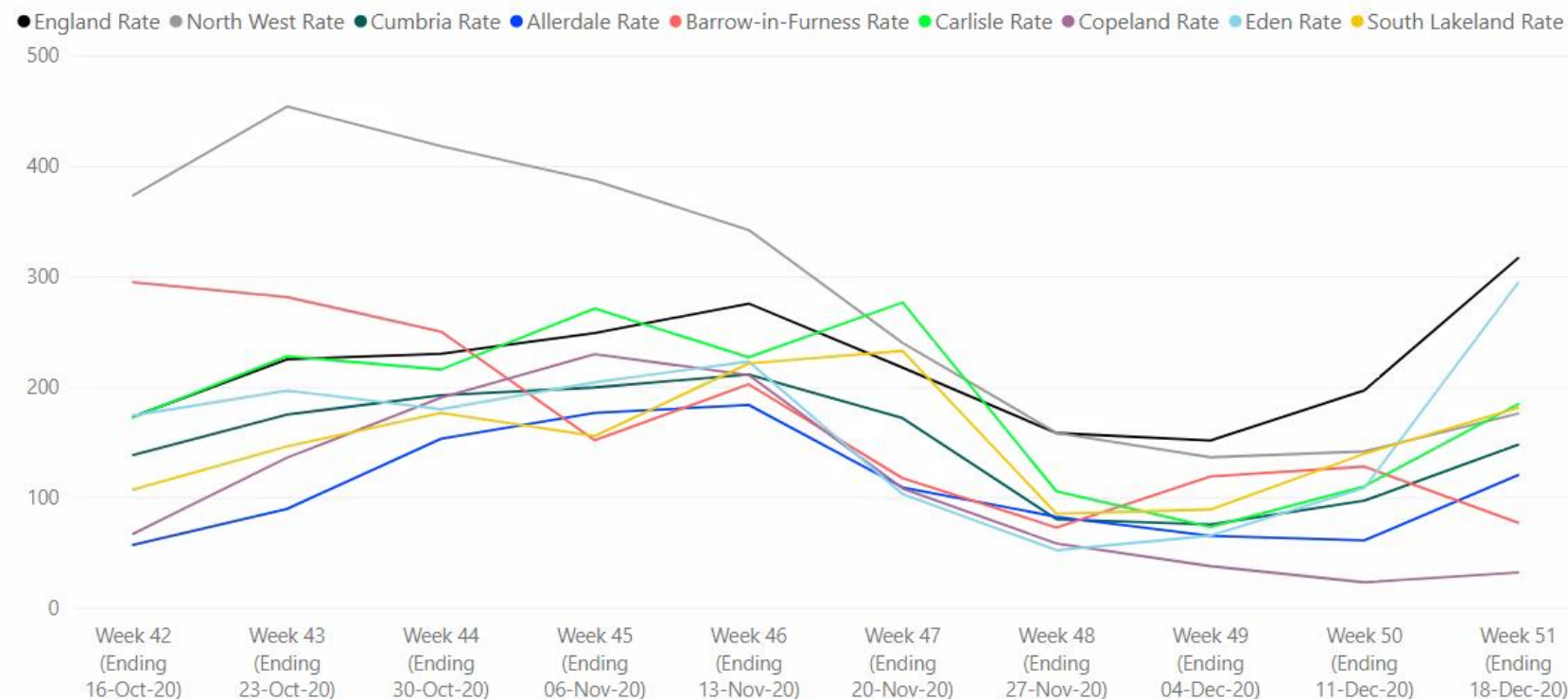
Source: PHE (data represents the number of people with a positive test result)

Rate of Cases Per 100,000 Population

As of week 51, the rates of new cases in all Cumbrian districts were below the national average rate.

However, Eden, Carlisle and South Lakeland's rates were all above the regional average rate, with Eden's rate increasing rapidly and moving much closer to the national average rate.

Rate of Weekly Cases Per 100,000 Population



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 21 December 2020]

[Last updated on Tuesday 22 December 2020 at 4:00pm]

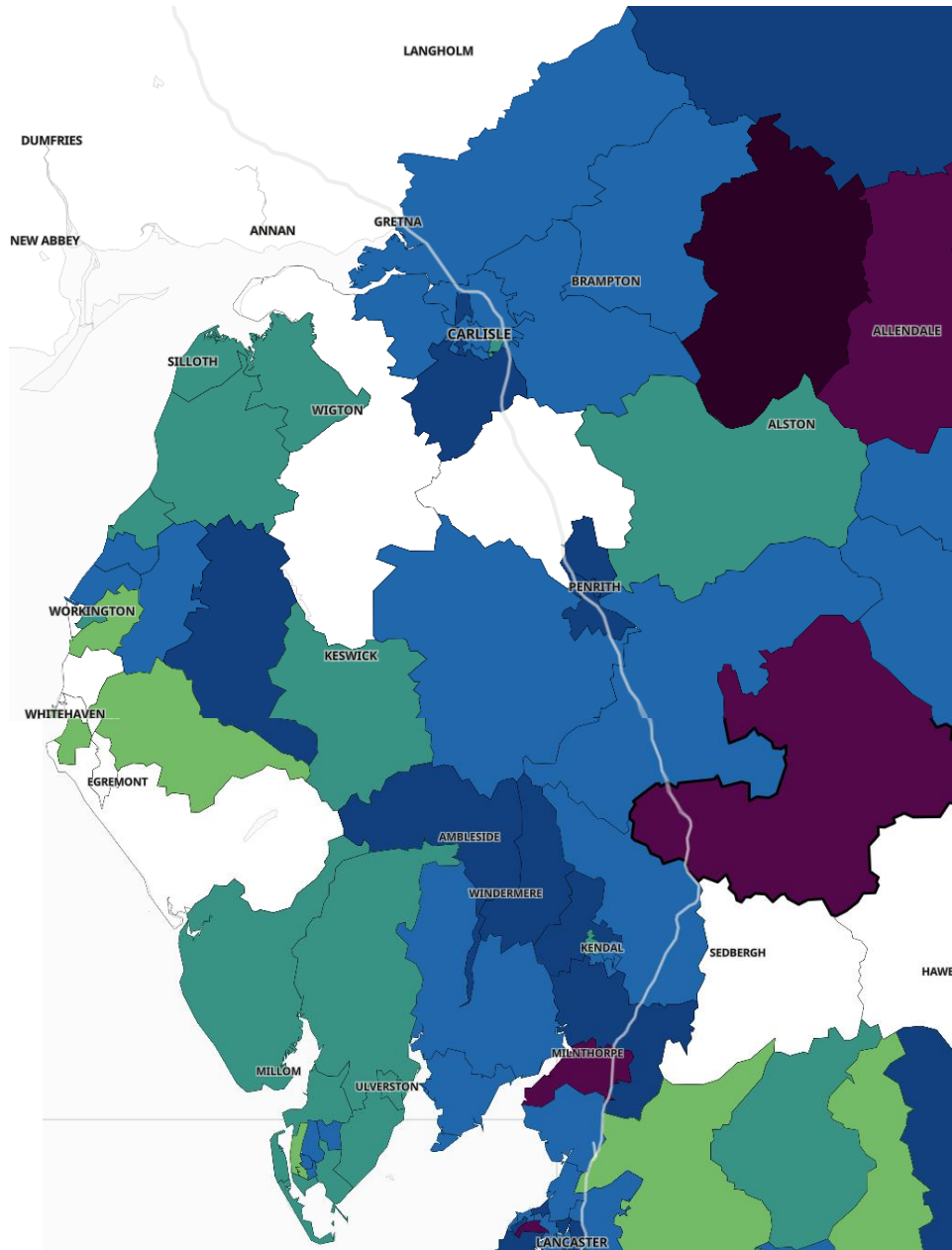
	12-Dec-20	13-Dec-20	14-Dec-20	15-Dec-20	16-Dec-20	17-Dec-20	18-Dec-20	19-Dec-20	20-Dec-20	21-Dec-20
Cumbria	57	74	130	131	97	116	136	101	111	61
Allerdale	6	14	20	13	21	17	27	15	23	8
Barrow-in-Furness	4	8	14	8	10	3	5	5	7	0
Carlisle	13	24	39	40	22	27	36	35	38	32
Copeland	0	3	1	6	3	3	6	1	7	3
Eden	9	9	19	36	18	30	36	22	23	15
South Lakeland	25	16	37	28	23	36	26	23	13	3

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 17 Dec 2020



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

Last updated on Tuesday 22 December 2020 at 4:00pm

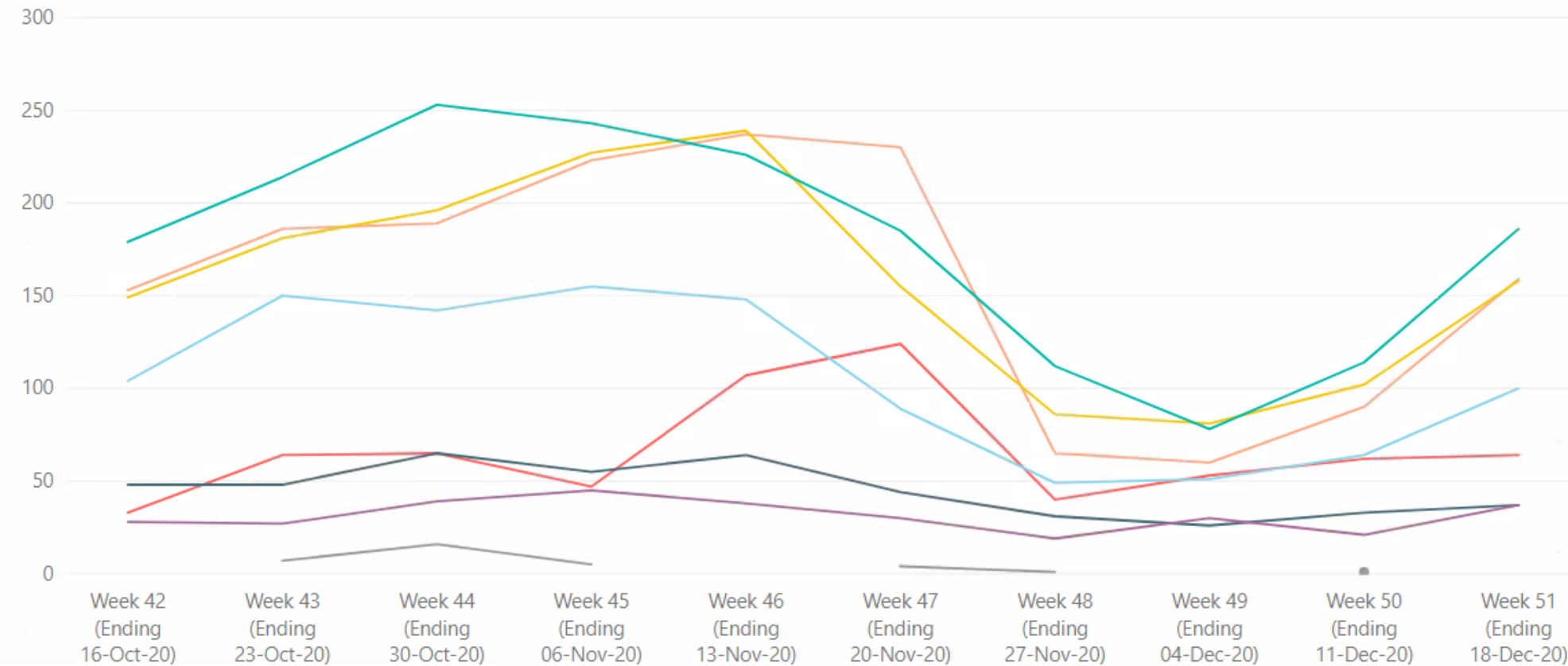


Cases by Age Group - Number

In week 51, the 45-59 age group accounted for the greatest number of new cases in Cumbria; There have been increases new cases in all age groups over the last week.

Cumbria Weekly Cases by Age

Age Group ● (Blank) ● 0-14 ● 15-29 ● 30-44 ● 45-59 ● 60-74 ● 75-84 ● 85+



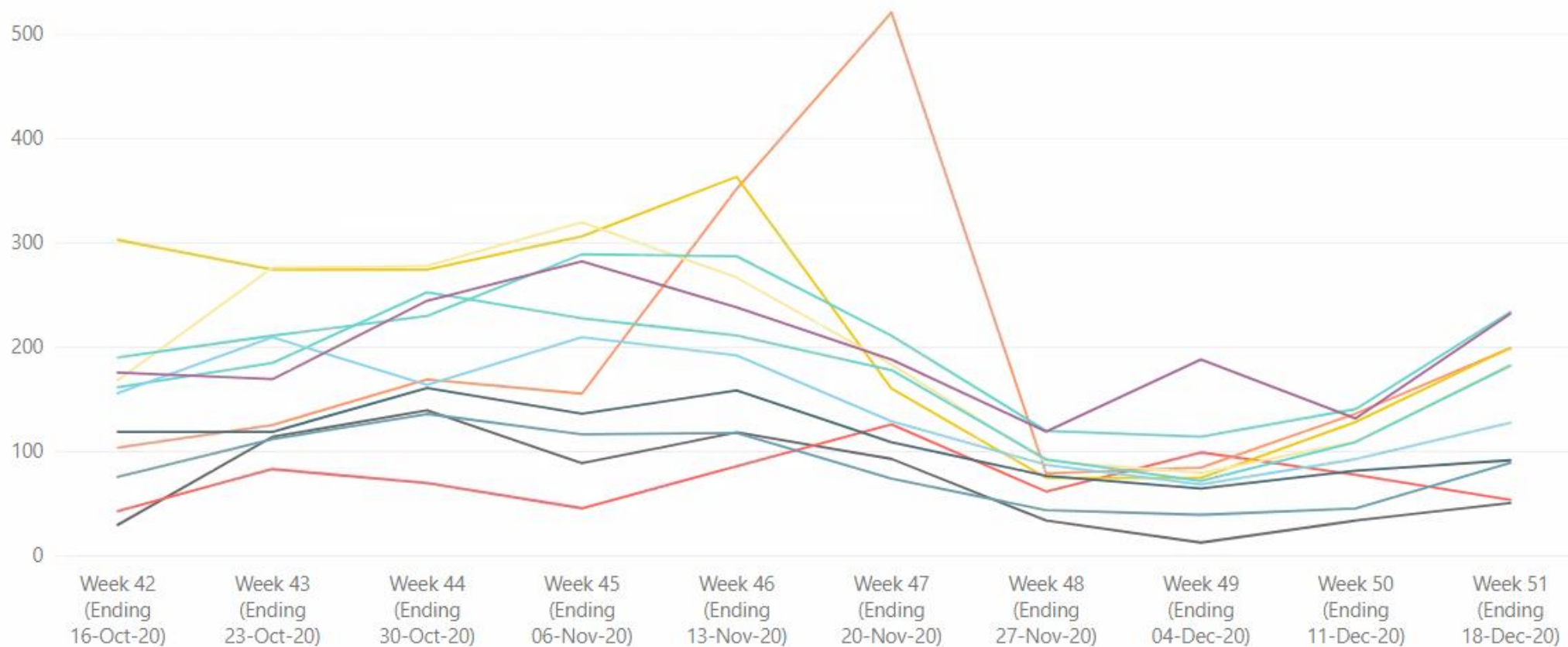
Source: PHE (data represents the number of people with a positive test result)



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

Age Group ● 0-4 ● 5-11 (Primary) ● 12-18 (Secondary) ● 19-24 ● 25-34 ● 35-44 ● 45-54 ● 55-64 ● 65-74 ● 75-84 ● 85+



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

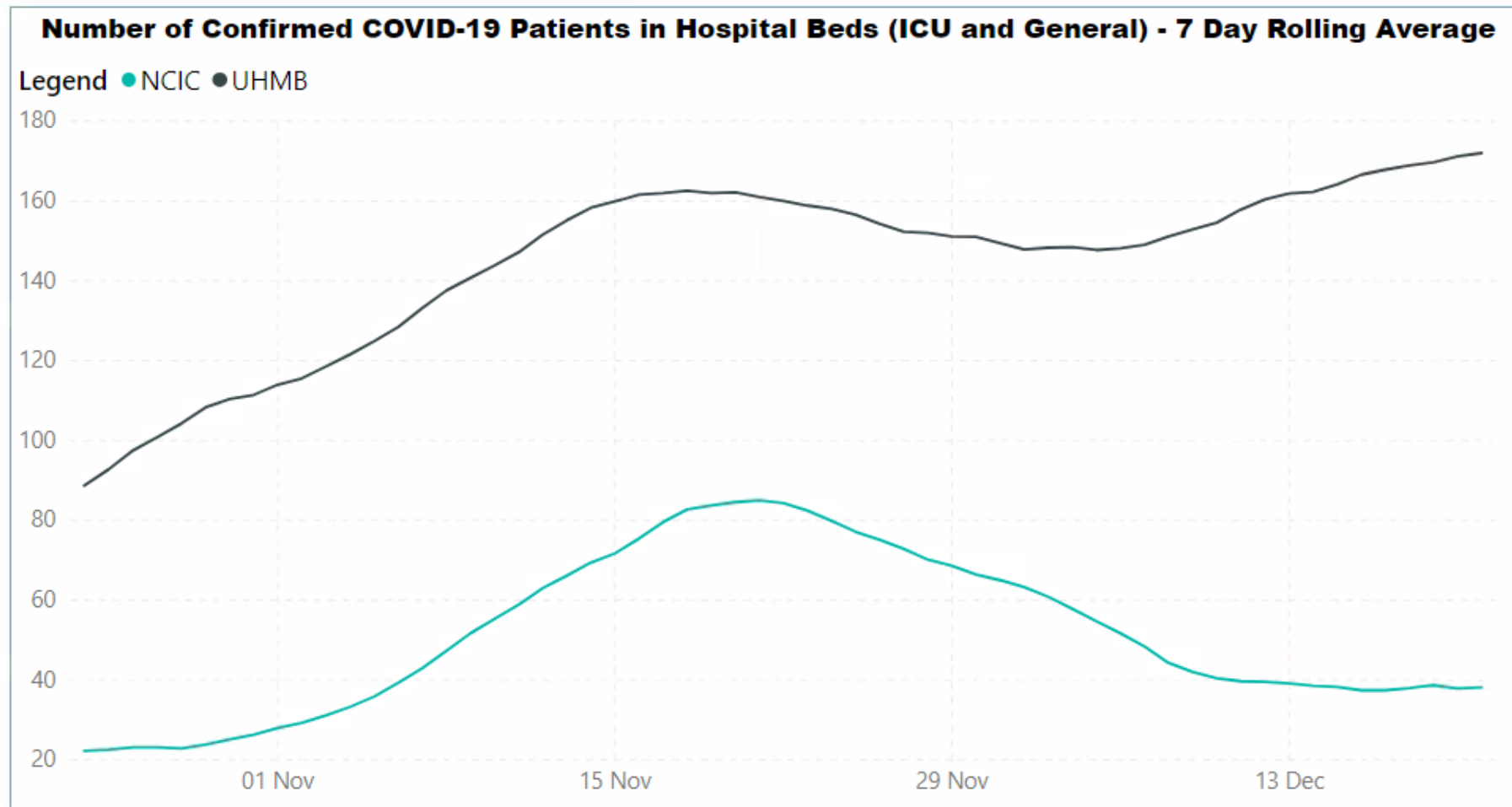
Hospitalisations



To week ending Monday 21st December:

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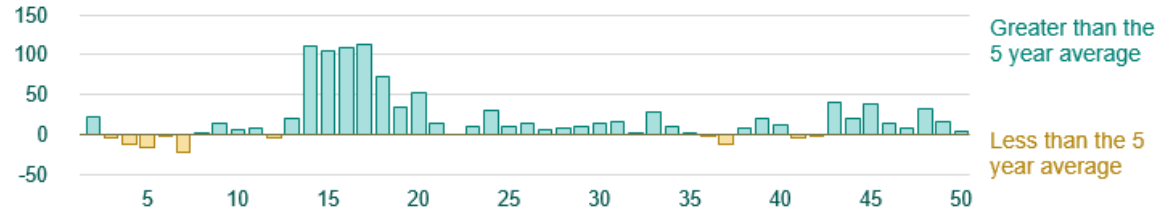
Source: NHS Daily Sit Rep Submissions. Please be aware that the data is collected as a 'sitrep' on the day and is not refined retrospective reporting data. It is susceptible to error caused by delays in data entry and as simple admin errors. There is no mechanism for updating or correcting any such occurrences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



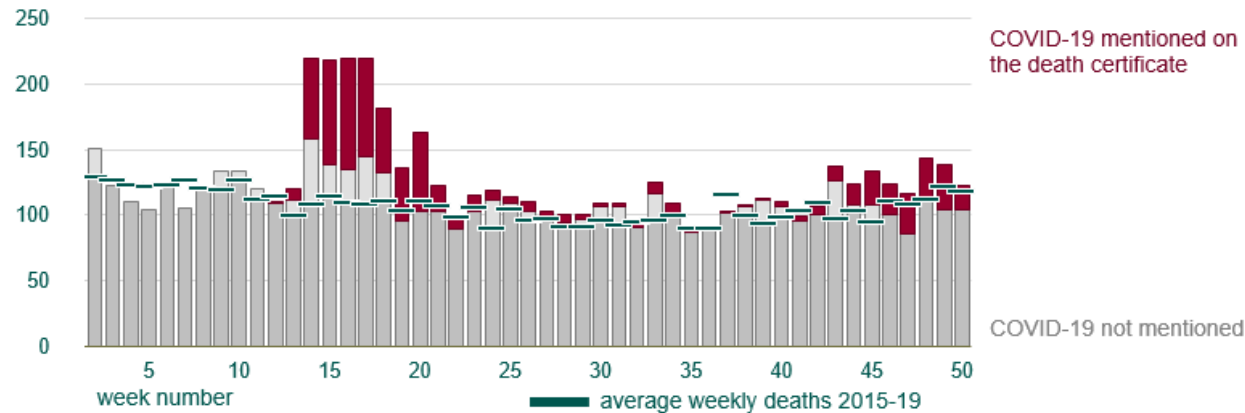
Mortality: Cumbria Weekly Registered Deaths to Week 50 (up to 11 December 2020)

Week 50: Cumbria CC, registered deaths

Excess deaths (2020 deaths minus 2015 to 2019 average) up to 11 December 2020



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



For week 50

Registered deaths for week ending 11 December 2020

	2019 population	2020 deaths COVID-19 mentioned	Crude rate ¹ 100,000
England	56,286,961	2,530	4.49
North West ONS region	7,341,196	426	5.80
Cumbria CC	500,012	19	3.80

COVID-19 mentioned on the death certificate

ONS - Deaths registered weekly in England and Wales, provisional

Registered deaths in week 50 =	123
Excess registered deaths in week 50 (using 2015-19 weekly averages)	5
Registered deaths mentioning COVID-19 in week 50 =	19
Registered deaths mentioning COVID-19 in weeks 1 to 50 =	769

(Note: Week 1 is currently not being displayed. Average counts were lower than expected and this is being investigated)
Historic average weekly deaths are presented here as the mean of the years 2015 to 2019

Source: Office for National Statistics