

Cumbria Health Protection Tactical Oversight Group Weekly COVID-19 Summary

2021 Week 42 (Ending Friday 22nd October)
Summary Produced Wednesday 27th October

Weekly Summary: Key points

2021 Week 42 (Ending Friday 22nd October)



Cases & Demographics

Key Points for Cumbria and districts in 2021 Week 42 (Ending Friday 22nd October):

- There were 2,702 new cases in Cumbria (no change, 0%, from 2,702 new cases in the previous week);
- Allerdale overtook Carlisle in having the greatest number of new cases (+561 new cases);
- For the 2nd week in a row Copeland had the highest rate of new cases (811 new cases per 100k population);
- Rates in Copeland, Barrow-in-Furness and Allerdale were above the national average (England 483 new cases per 100k population);
- Furthermore, rates in Copeland, Barrow-in-Furness, Allerdale and Carlisle were above the regional average (North West 447 new cases per 100k population);
- New cases increased from the previous week in Barrow-in-Furness, Copeland and Allerdale (+15%, +12% and +6% respectively);
- However, new cases decreased from the previous week in South Lakeland, Eden and Carlisle (-16%, -12% and -7% respectively).
- The 12-18 age group accounted for the greatest number of new cases in Cumbria followed by the 5-11 age group (+535 and +378 new cases respectively);
- The 12-18 and 5-11 age groups also accounted for by far the greatest rates of new cases in Cumbria (1,439 and 1,018 new cases per 100k population respectively);
- However, new cases decreased from the previous week in the 12-18 and 5-11 age groups (-1% and -16% respectively);
- However, new cases increased from the previous week in the 19-24, 30-39, 40-49, 60-69 and 70-79 age groups;
- The 30-39 age group experienced the greatest numerical increase (an increase of 50, +17%, from the previous week);
- The 60-69 age group experienced the greatest proportional increase (an increase of 45, +20%, from the previous week);
- New cases in the under 50 age group accounted for 69% of total new cases (compared to 70% in the previous week);
- The rate of new cases in the under 50 age group was 2.1 times higher than the rate of new cases in the 50+ age group (compared to 2.2 times higher in the previous week);
- Overall, new cases in the under 50 age group decreased by 1% compared to a 3% increase in the 50+ age group.

Health & Hospitalisations

Summary for week ending Tuesday 26th October:

- The number of new patients admitted with COVID-19 Positive status in North Cumbria Integrated Care (NCIC) decreased by 10 from the previous week;
- Furthermore, the average number of patients with COVID-19 in beds in NCIC decreased by 4 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) increased by 3 from the previous week;
- Additionally, the average number of patients with COVID-19 in beds in UHMB increased by 2 from the previous week.

Mortality

- In the week to Friday 15th October 2021 there were 10 COVID-19 related death *occurrences* in Cumbria.

R estimates & Growth Rates by NHS Region



Regional estimates of R and growth rate have been suspended until a full understanding of the impact of the reported incident of incorrect negative PCR test results on estimates in the South West, South East and London is gained.

Region	R	Growth rate % per day
England	0.9 to 1.1	-1 to +2
East of England	0.9 to 1.2	-1 to +3
London	0.9 to 1.1	-2 to +2
Midlands	0.9 to 1.1	-1 to +2
North East and Yorkshire	0.9 to 1.1	-1 to +1
North West	0.9 to 1.1	-1 to +2
South East	0.9 to 1.1	-1 to +2
South West	0.9 to 1.1	-1 to +2

Source: gov.uk. Last updated 15 October 2021.

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.

- Particular care should be taken when interpreting these estimates as they are based on low numbers of cases, hospitalisations or deaths, and/or dominated by clustered outbreaks. They should not be treated as robust enough to inform policy decisions alone.

Cases

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- Rates in Copeland, Barrow-in-Furness and Allerdale were above the national average (England 483 new cases per 100k population);
- Furthermore, rates in Copeland, Barrow-in-Furness, Allerdale and Carlisle were above the regional average (North West 447 new cases per 100k population);
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- However, new cases decreased from the previous week in South Lakeland, Eden and Carlisle (-16%, -12% and -7% respectively).

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	253648	449	273141	483	19493	8
2	North West	33966	461	32967	447	-999	-3
3	Cumbria	2702	541	2702	541	0	0
4	Allerdale	529	541	561	573	32	6
5	Barrow-in-Furness	397	595	456	683	59	15
6	Carlisle	540	498	500	461	-40	-7
7	Copeland	492	723	552	811	60	12
8	Eden	229	426	201	374	-28	-12
9	South Lakeland	515	491	432	412	-83	-16

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

Previous Week is:

2021 Week 41 (Ending Friday 15th October 2021)

Current Week is:

2021 Week 42 (Ending Friday 22nd October 2021)

Last Updated:

Tuesday 26th October 2021

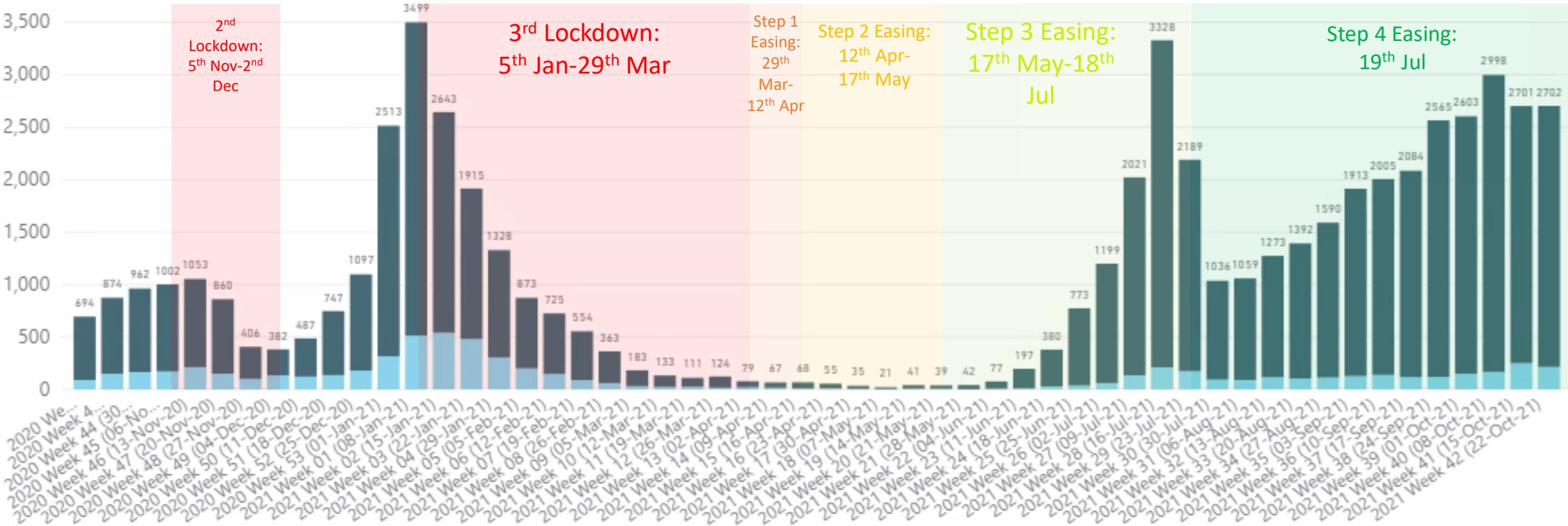
Note: This represents the number of people with a positive test result

Cumbria Cases



Cumbria Weekly Cases by Pillar

● PILLAR 1 ● PILLAR 2



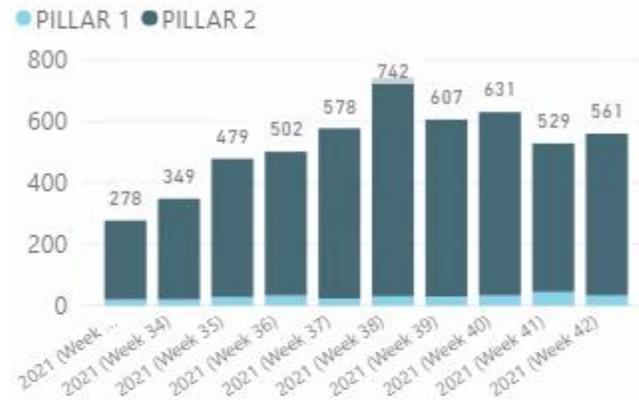
Source: PHE (data represents the number of people with a positive test result)

District Cases

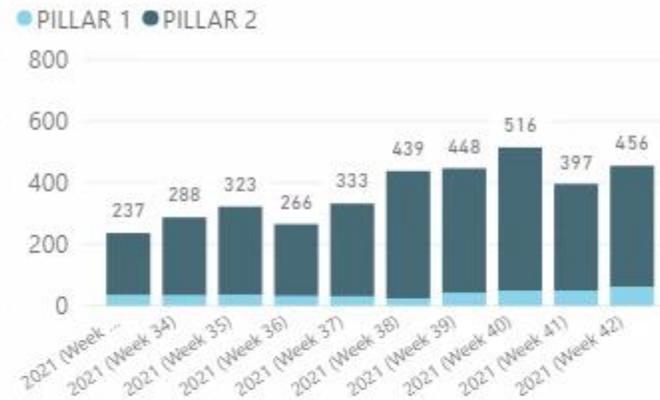
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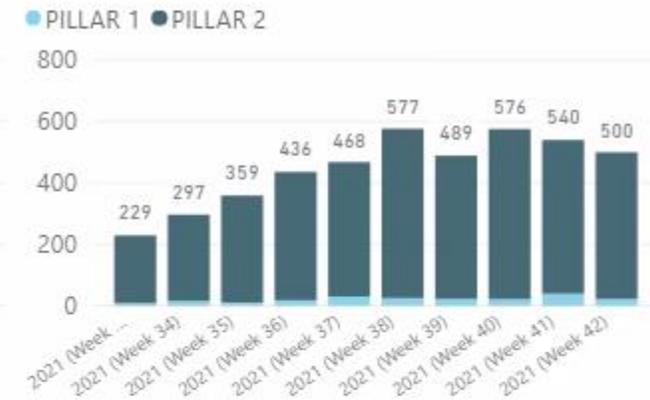
Allerdale



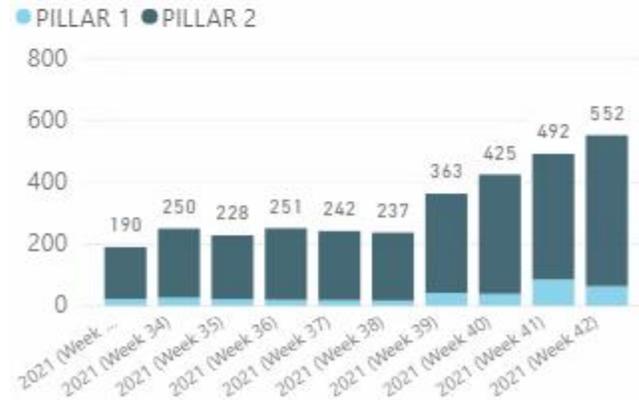
Barrow-in-Furness



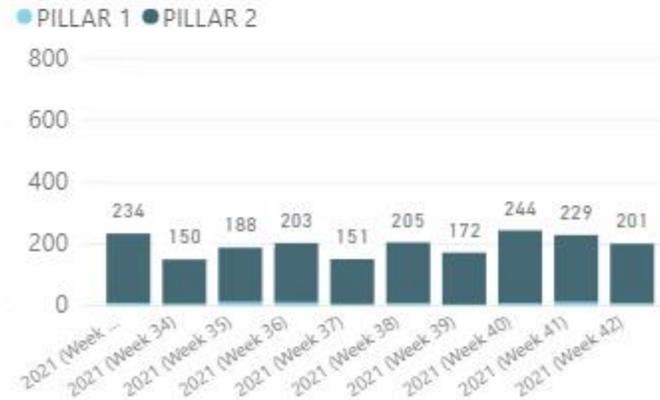
Carlisle



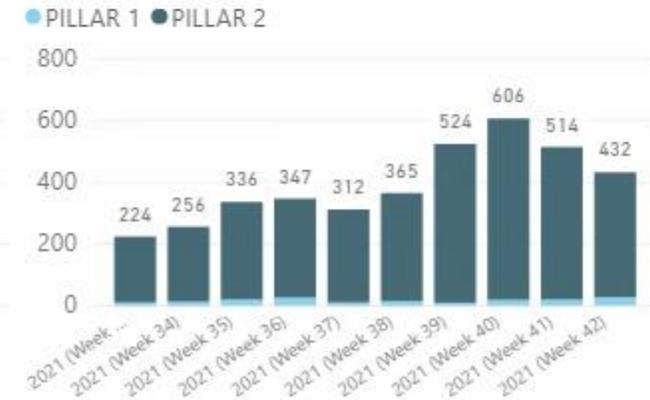
Copeland



Eden



South Lakeland



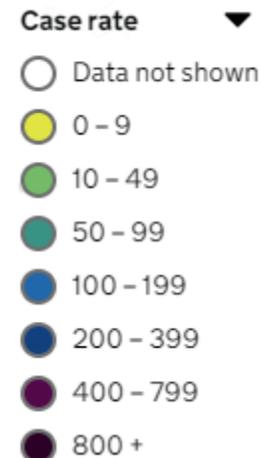
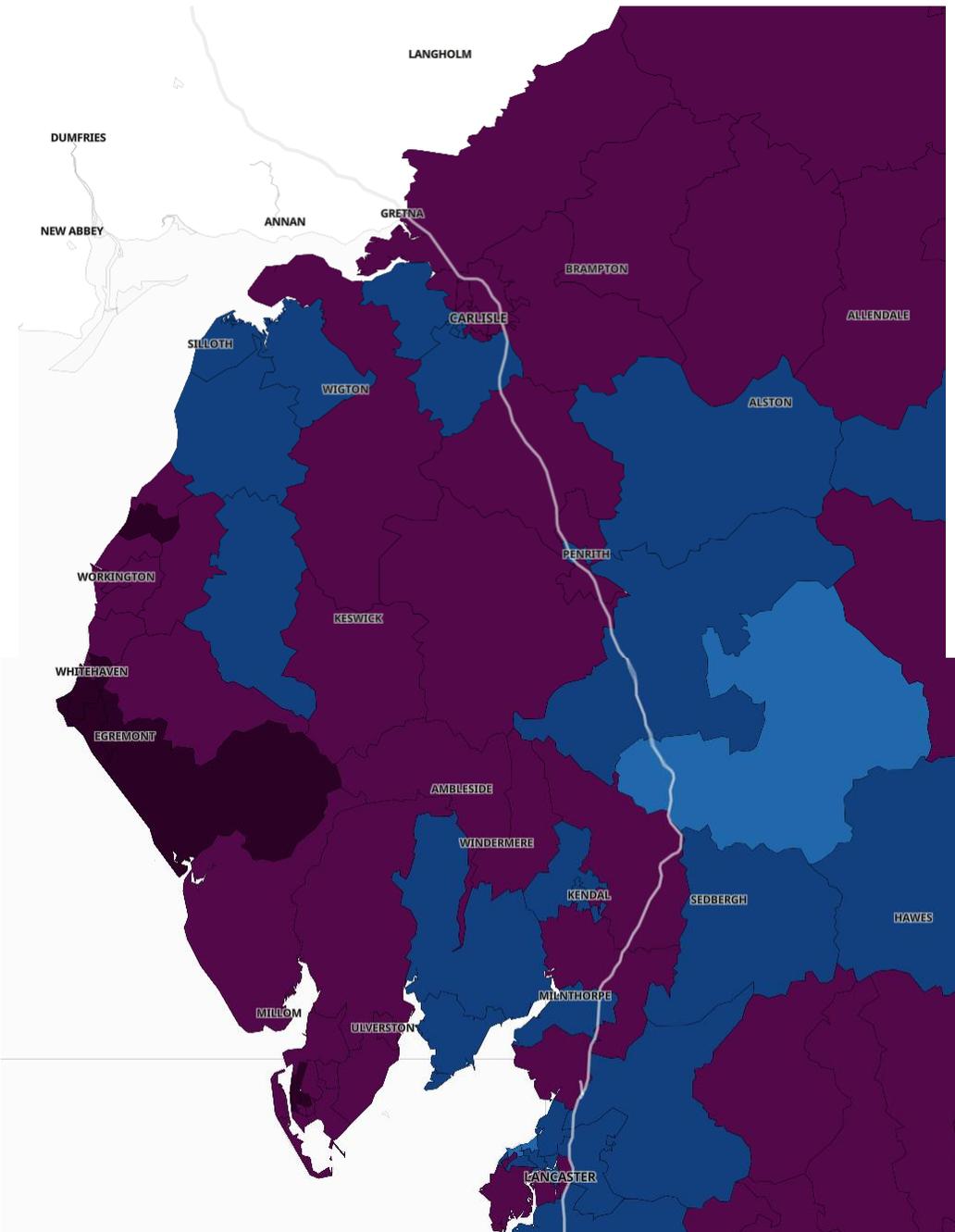
Source: PHE (data represents the number of people with a positive test result)

Cases by Middle Super Output Area (MSOA)

Case rate per 100,000 people for 7-day period ending on 21 October 2021:

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

Last updated on Tuesday 26 October 2021 at 4:16pm



District cases – latest data

[Preliminary up to 25th October 2021]

Area name	16 October 2021	17 October 2021	18 October 2021	19 October 2021	20 October 2021	21 October 2021	22 October 2021	23 October 2021	24 October 2021	25 October 2021
Allerdale	59	79	98	89	88	78	70	57	41	23
Barrow-in-Furness	53	59	72	85	67	68	52	47	30	15
Carlisle	55	79	78	90	63	73	62	41	52	10
Copeland	49	60	115	78	103	71	76	65	61	47
Eden	30	18	36	30	31	26	30	20	28	10
South Lakeland	42	59	97	67	53	62	52	22	40	28
Total	288	354	496	439	405	378	342	252	252	133

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

Last Updated:
Tuesday 26th October 2021

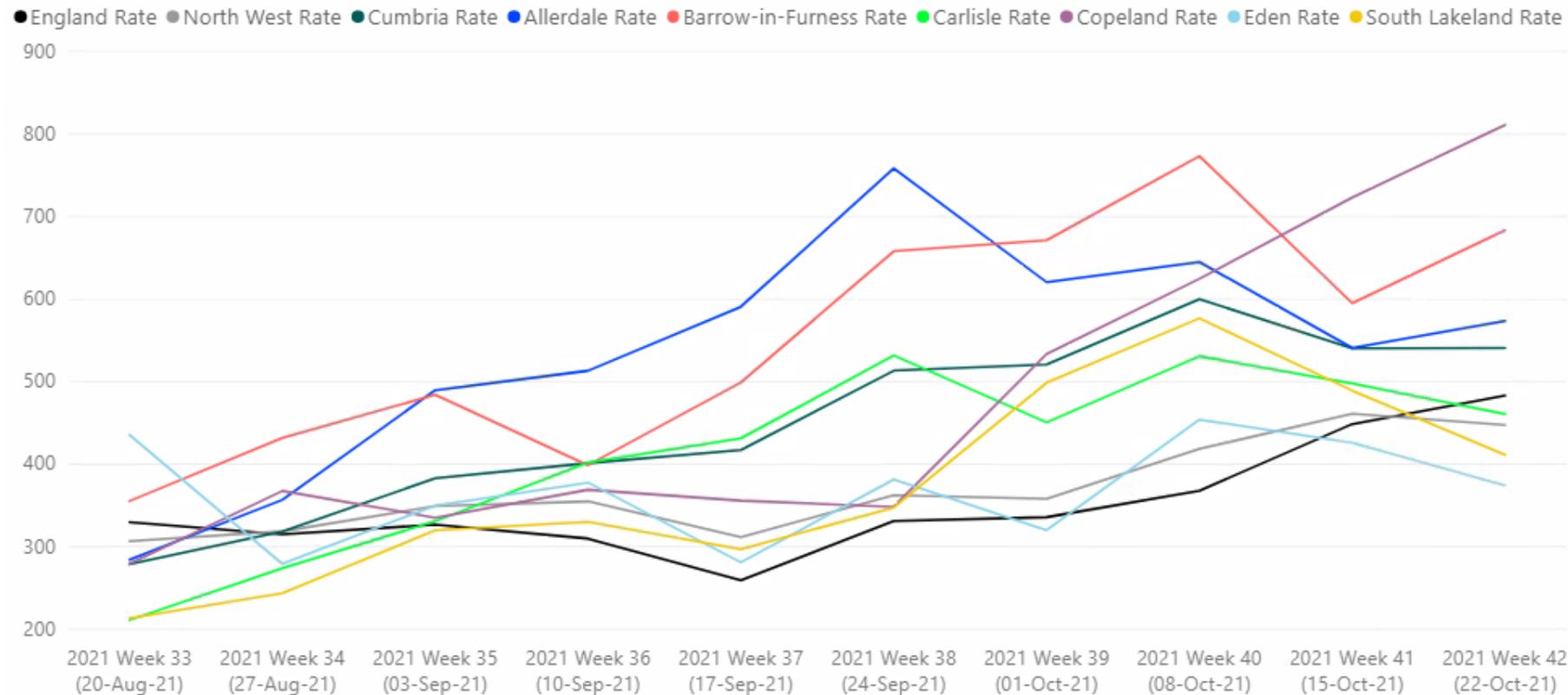
[Data is subject to revisions; most recent days are provisional and likely to increase as lab results are processed]

Rate of Cases Per 100,000 Population

Key Points for Cumbria and districts in 2021 Week 42 (Ending Friday 22nd October):

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- Furthermore, rates in Copeland, Barrow-in-Furness, Allerdale and Carlisle were above the regional average (North West 447 new cases per 100k population).

Rate of Weekly Cases Per 100,000 Population



2021 Week 42 (22-Oct-21)		
●	England Rate	483.01
●	North West Rate	447.47
●	Cumbria Rate	540.64
●	Allerdale Rate	573.44
●	Barrow-in-Furness Rate	683.39
●	Carlisle Rate	460.73
●	Copeland Rate	811.28
●	Eden Rate	373.93
●	South Lakeland Rate	411.08

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

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

Cases by Age Group



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

Age Group	Previous Week No.	Previous Week Rate	Current Week No.	Current Week Rate	Numerical Weekly Change	Proportional Weekly Change
0-4	56	243	56	243	0	0
05-11 (Primary)	448	1206	378	1018	-70	-16
12-18 (Secondary)	542	1458	535	1439	-7	-1
19 - 24	90	324	96	346	6	7
25-29	106	398	95	356	-11	-10
30-39	290	552	340	647	50	17
40-49	367	637	376	653	9	2
50-59	363	464	339	433	-24	-7
60-69	223	324	268	390	45	20
70-79	144	249	156	270	12	8
80+	71	214	63	190	-8	-11

Age Group	Previous Week No.	Previous Week Rate	Current Week No.	Current Week Rate	Numerical Weekly Change	Proportional Weekly Change
Under 50	1899	725	1876	716	-23	-1
50+	801	337	826	347	25	3

Key Points for Cumbria in 2021 Week 42 (Ending Friday 22nd October):

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Source: PHE. Rate Per 100k Population based on ONS Mid-2020 population Estimates.

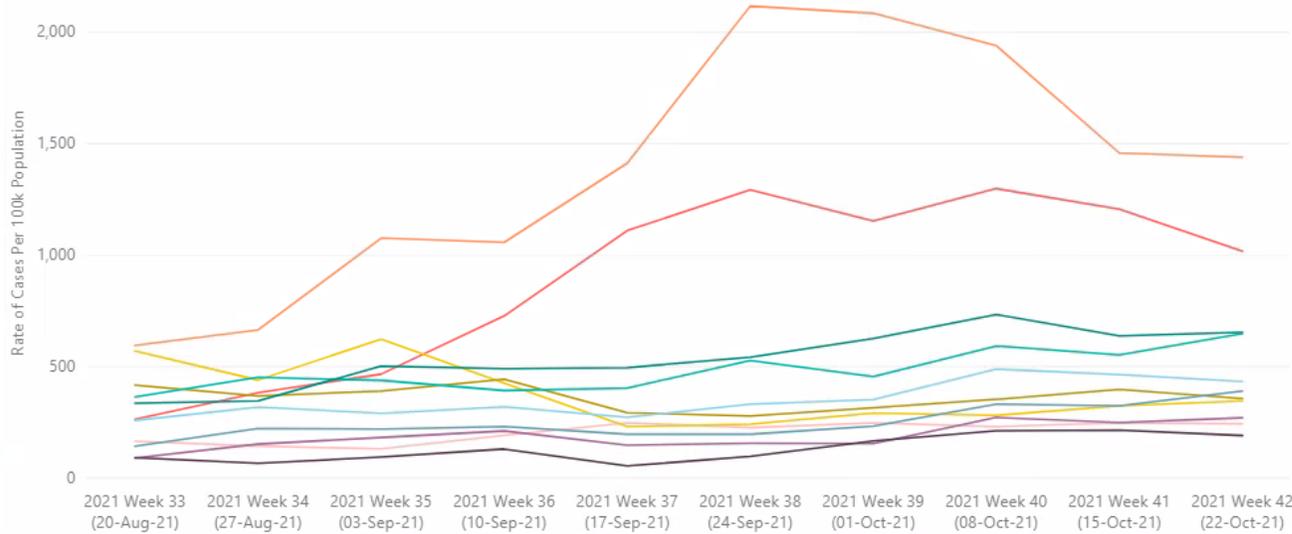
Previous Week is:	Current Week is:	Last Updated:
2021 Week 41 (Ending Friday 15th October 2021)	2021 Week 42 (Ending Friday 22nd October 2021)	Tuesday 26th October 2021

Cases by Age Group – Rate per 100,000



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

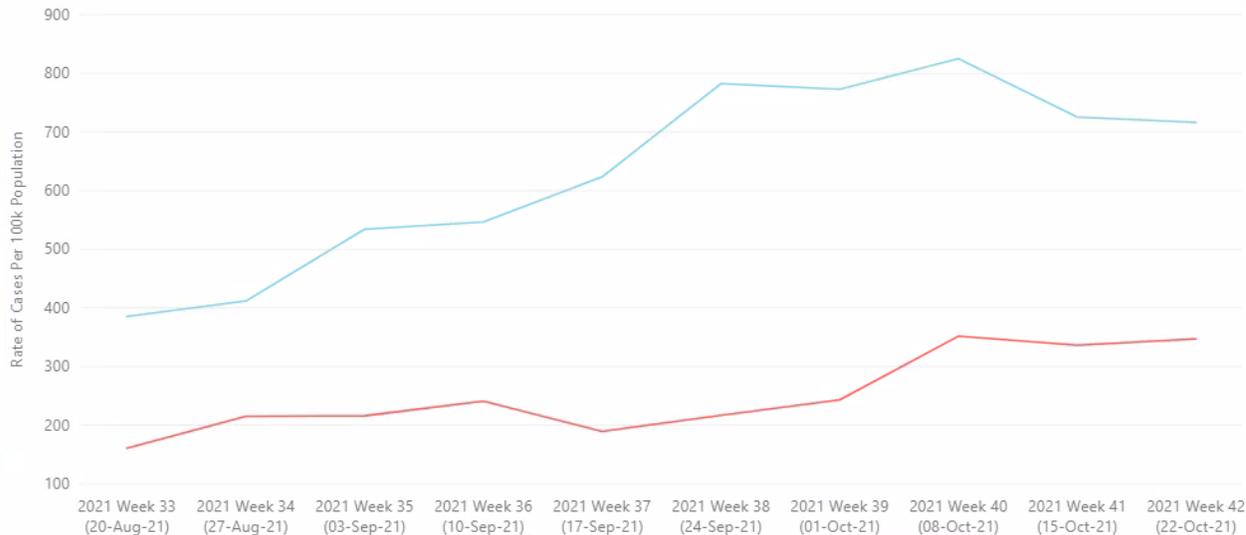
Age Group ● 0-4 ● 5-11 (Primary) ● 12-18 (Secondary) ● 19-24 ● 25-29 ● 30-39 ● 40-49 ● 50-59 ● 60-69 ● 70-79 ● 80+



Age Group	Current Week Rate
0-4	243
05-11 (Primary)	1018
12-18 (Secondary)	1439
19 - 24	346
25-29	356
30-39	647
40-49	653
50-59	433
60-69	390
70-79	270
80+	190

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

Age Group ● Under 50 ● 50+ Years



Age Group	Current Week Rate
Under 50	716
50+	347

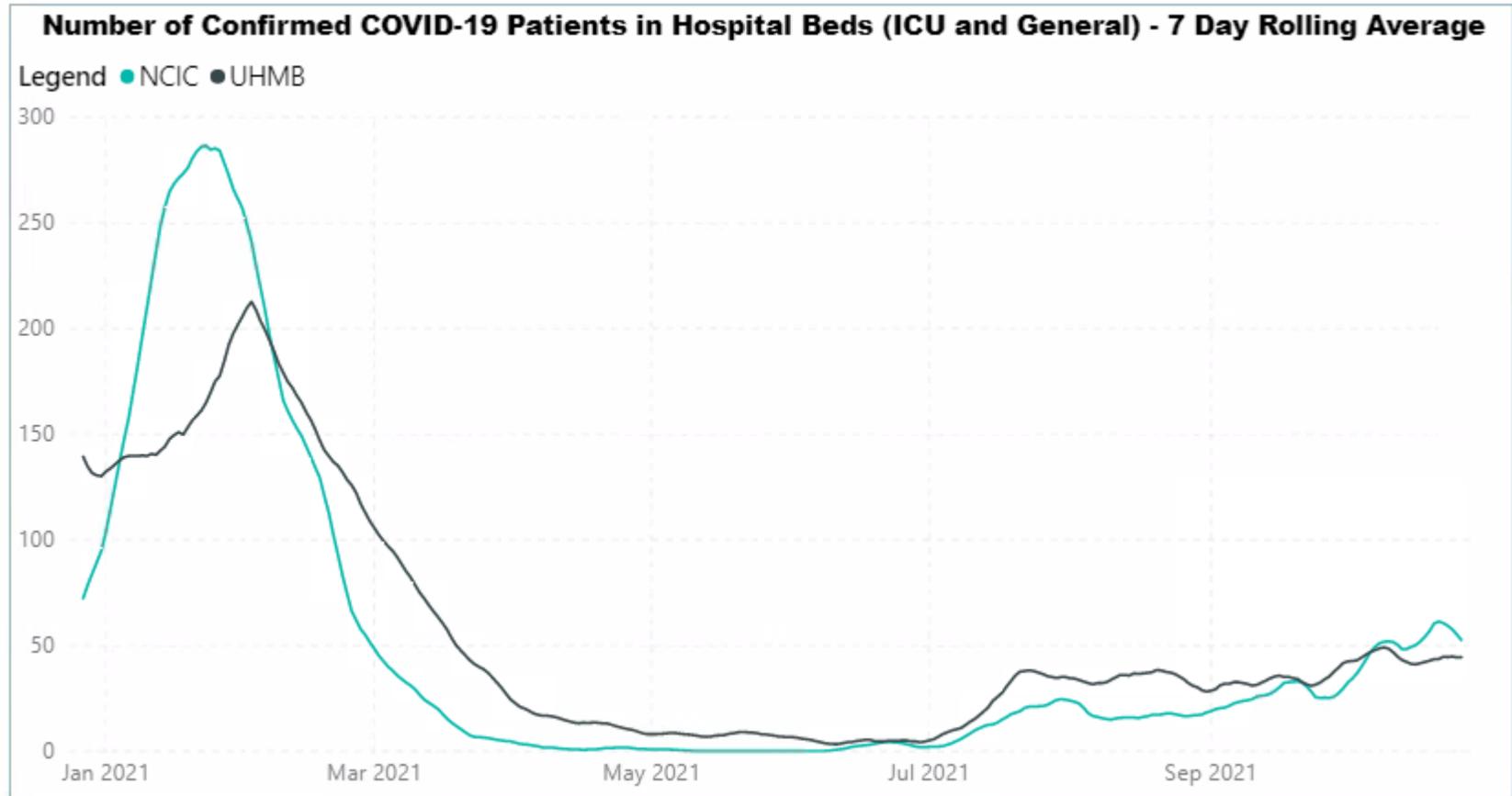
Source: PHE. Rate Per 100k Population based on ONS Mid-2020 population Estimates.

Previous Week is:	Current Week is:	Last Updated:
2021 Week 41 (Ending Friday 15th October 2021)	2021 Week 42 (Ending Friday 22nd October 2021)	Tuesday 26th October 2021

Hospitalisations



Data To: 26/10/2021
Last Updated: 26/10/2021



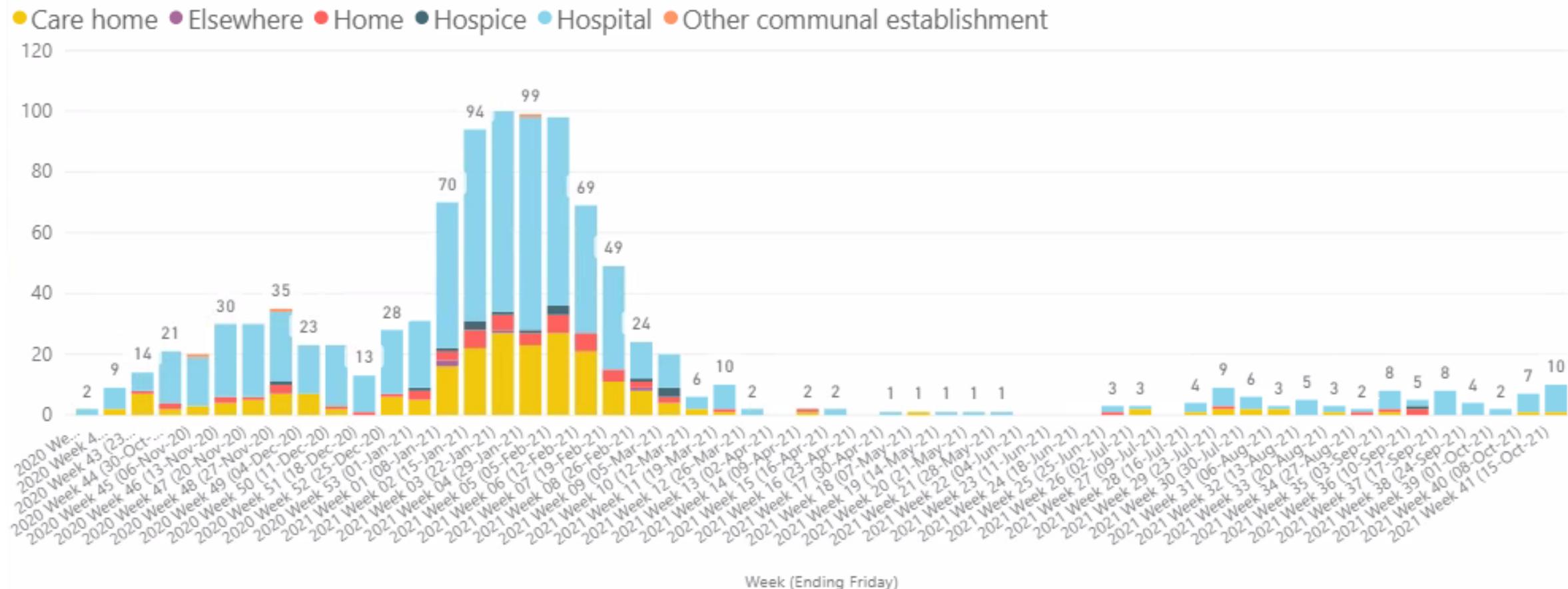
Summary for week ending Tuesday 26th October:

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- Additionally, the average number of patients with COVID-19 in beds in UHMB increased by 2 from the 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.

Weekly Number of Deaths with COVID-19 as Cause of Death
 By **Date of Occurrence** & Place of Occurrence
 Source: Office for National Statistics

Cumbria



Deaths Registered up to:

Saturday 23rd October 2021

Last Updated:

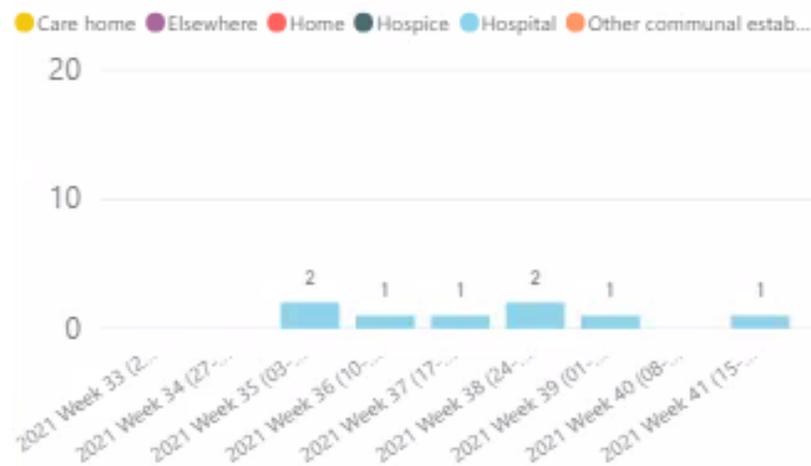
Tuesday 26th October 2021

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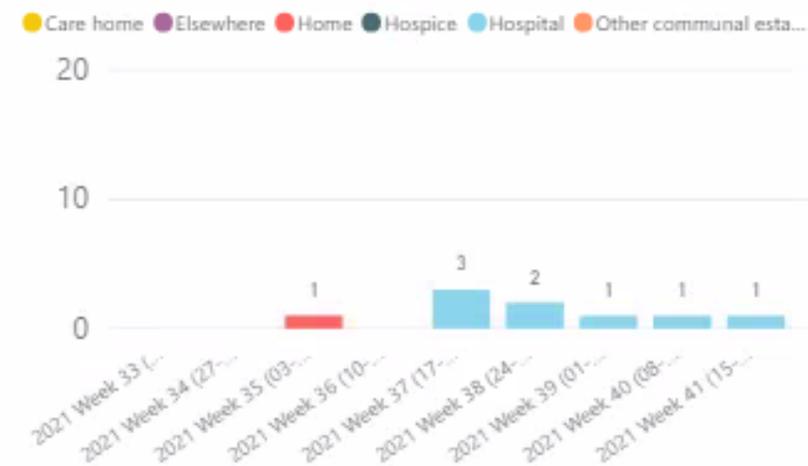
Allerdale



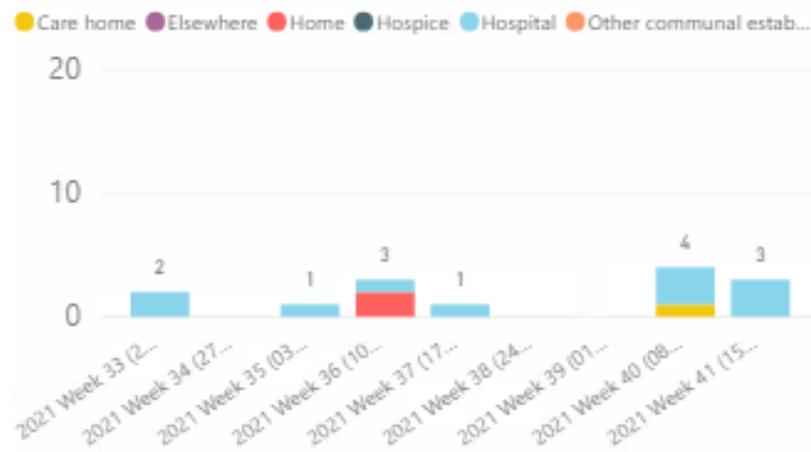
Barrow-in-Furness



Carlisle



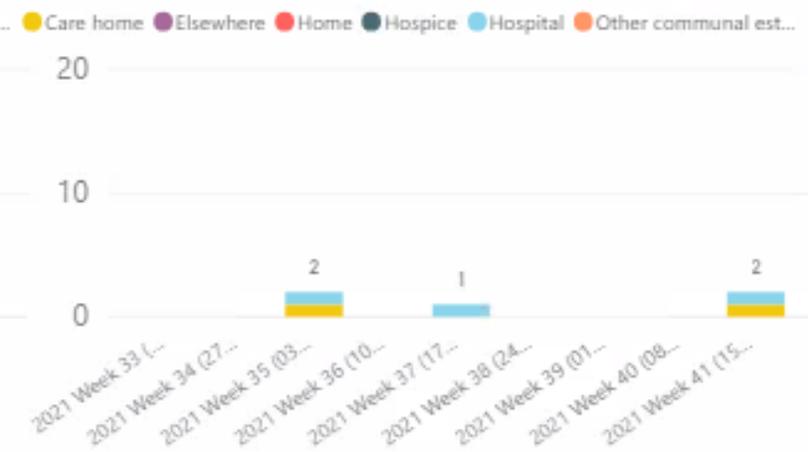
Copeland



Eden



South Lakeland



Deaths Registered up to:

Saturday 23rd October 2021

Last Updated:

Tuesday 26th October 2021

Vaccinations – Proportion of Population by Dose

COVID-19 Vaccinations by Place of Residence and Age Group
 Source: National Immunisation Management Service (NIMS) & ONS Mid-2019
 Population Estimates

Country	No.	% Dose 1													
		18+	18-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80+
England	39.8M	90	73	75	84	86	93	87	93	99	102	96	97	106	96
Cumbria	379.9K	93	83	84	93	91	94	83	92	99	102	94	99	102	96
Allerdale	75.0K	94	85	85	94	90	96	83	92	102	103	95	102	99	96
Barrow-in-Furness	49.4K	92	78	81	87	92	91	81	92	100	104	94	97	101	99
Carlisle	80.2K	92	77	79	93	89	94	84	92	97	103	96	101	100	96
Copeland	51.4K	93	84	81	89	93	91	84	90	100	100	98	101	101	97
Eden	42.1K	95	95	85	94	93	96	83	91	101	104	93	100	105	95
South Lakeland	81.7K	94	86	94	102	91	95	82	92	97	99	92	93	104	94

Country	No.	% Dose 2													
		18+	18-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80+
England	37.3M	84	56	66	75	80	88	84	91	97	99	95	96	105	95
Cumbria	365.2K	90	73	75	85	85	90	80	90	97	100	93	98	101	95
Allerdale	72.4K	91	76	76	86	85	92	81	90	100	101	94	101	98	96
Barrow-in-Furness	47.0K	87	67	71	78	84	86	78	90	97	101	94	97	100	98
Carlisle	76.8K	88	66	70	84	84	89	82	90	95	101	95	100	99	95
Copeland	49.3K	89	74	72	81	87	86	81	87	98	99	97	99	100	96
Eden	40.7K	92	84	77	87	88	92	81	90	99	103	92	100	104	93
South Lakeland	78.9K	90	75	84	94	86	91	80	90	95	97	91	93	103	93

Notes: Vaccinations as a % of the resident population within that age group.
 The proportion of population receiving vaccination may exceed 100% due to the use of Office National Statistics population estimate to allow consistent comparison.

Vaccination – Proportion by Dose

Cumbria comparison to Local Authorities with similar statistical profiles

COVID-19 Vaccinations by Place of Residence and Age Group
 Source: National Immunisation Management Service (NIMS) & ONS Mid-2019
 Population Estimates

Country	No.	% Dose 1													
		Dose 1 18+	Dose 1 18-24	Dose 1 25-29	Dose 1 30-34	Dose 1 35-39	Dose 1 40-44	Dose 1 45-49	Dose 1 50-54	Dose 1 55-59	Dose 1 60-64	Dose 1 65-69	Dose 1 70-74	Dose 1 75-79	Dose 1 80+
England	39.8M	90	73	75	84	86	93	87	93	99	102	96	97	106	96
Cumbria	379.9K	93	83	84	93	91	94	83	92	99	102	94	99	102	96
Lancashire	873.2K	90	72	69	84	89	93	84	93	99	103	97	98	106	98
North Yorkshire	479.4K	96	98	89	93	92	96	84	92	99	103	97	98	109	97

Country	No.	% Dose 2													
		Dose 2 18+	Dose 2 18-24	Dose 2 25-29	Dose 2 30-34	Dose 2 35-39	Dose 2 40-44	Dose 2 45-49	Dose 2 50-54	Dose 2 55-59	Dose 2 60-64	Dose 2 65-69	Dose 2 70-74	Dose 2 75-79	Dose 2 80+
England	37.3M	84	56	66	75	80	88	84	91	97	99	95	96	105	95
Cumbria	365.2K	90	73	75	85	85	90	80	90	97	100	93	98	101	95
Lancashire	823.8K	85	60	59	74	81	87	80	90	97	101	96	97	105	97
North Yorkshire	460.5K	92	82	78	85	86	93	81	90	97	101	96	98	109	96

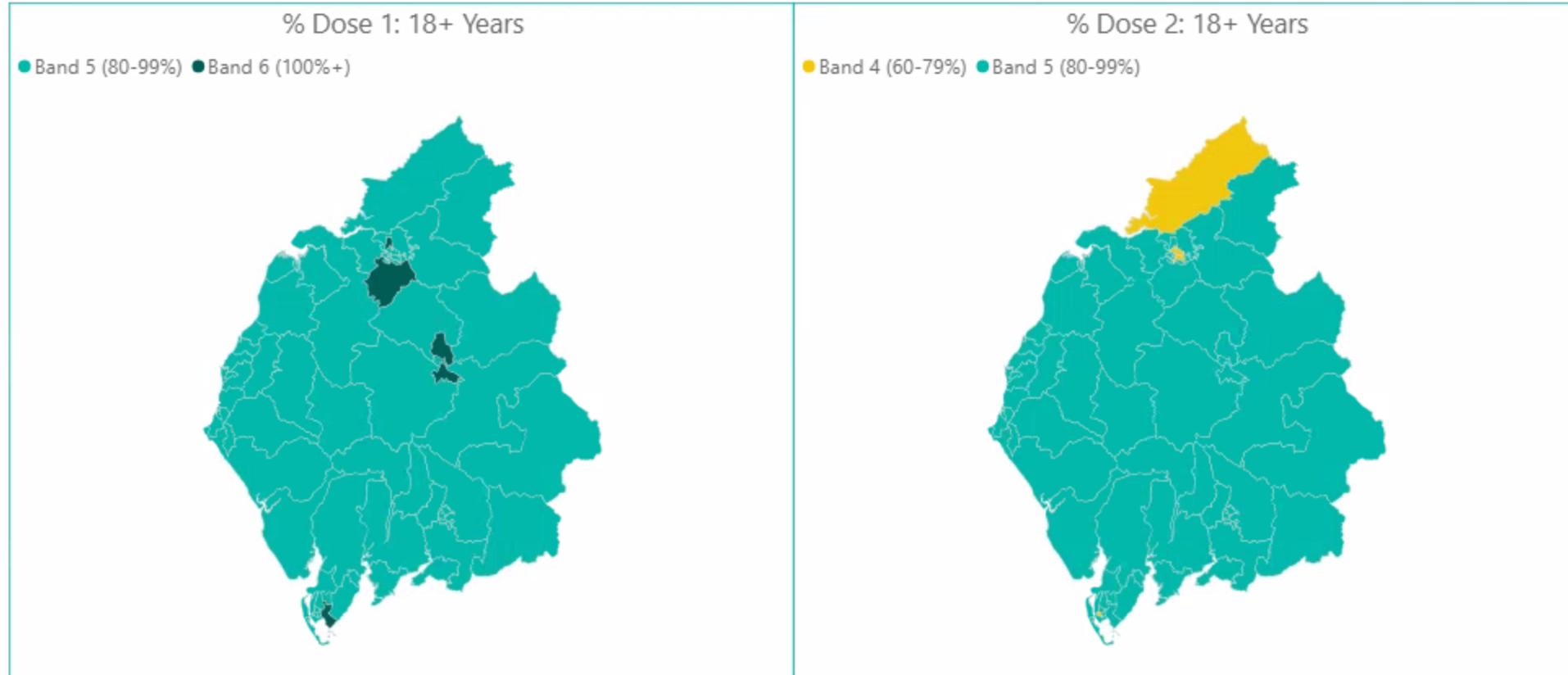
Notes: Vaccinations as a % of the resident population within that age group.
 The proportion of population receiving vaccination may exceed 100% due to the use of Office National Statistics population estimate to allow consistent comparison.

Data Period:
 8th December 2020 to 17th October 2021

Published:
 21st October 2021

Vaccinations – Proportion by Dose Cumbria MSOA level mapped

COVID-19 Vaccinations By Middle Layer Super Output Area (MSOA) of Residence
Source: National Immunisation Management Service (NIMS) & ONS Mid-2019 Population Estimates



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