

2018-Based Subnational Population Projections

Cumbria & Districts

Published March 2020

On 24th March 2020 the Office for National Statistics (ONS) published 2018-Based Subnational Population Projections (SNPPs) for local authorities (LAs). This briefing presents the 2018-Based SNPPs for Cumbria and districts.

Key Points

All Ages by 2043:

- Cumbria's population may decrease by 900 persons (-0.2%), the **only projected decrease** of all 33 counties in England (England +10.3%).
- Copeland, Barrow-in-Furness and Carlisle set to experience decreases in population (-8.6%, -6.5%, and -0.3%), the **2nd, 3rd and 17th greatest proportional decreases** of all 326 district/unitary LAs in England.
- Allerdale, Eden and South Lakeland set to experience small increases in population (+1.7%, +3.4% and +5.9%).

Children & Young Persons Population by 2043:

- Numbers of 0-15 year olds in Cumbria may decrease by -7,900 persons (-9.6%), the **2nd greatest proportional decrease** of all counties (England -0.9%).
- Numbers of 0-15 year olds set to decrease in all of the county's districts, with Copeland to experience the greatest decrease (-17.2%), the **5th greatest decrease** of all district/unitary LAs.

Working Age Population by 2043:

- Numbers of 16-64 year olds in Cumbria may decrease by 29,100 persons (-9.8%), the **greatest projected decrease** of all counties (England +3.8%).
- Numbers of 16-64 year olds set to decrease in all of the county's districts, with Copeland, Barrow-in-Furness and Carlisle to experience the greatest proportional decreases (-16.2%, -12.9% and 10.1%), the **2nd, 4th and 9th greatest proportional decreases** of all district/unitary LAs.

Older Adult Population by 2043:

- Numbers of residents aged 65+ may increase by 36,000 persons across Cumbria (+30%), the **smallest projected increase of all counties** (England +44.7%).
- Numbers of residents aged 65+ set to increase in all of Cumbria's districts, with the greatest proportional increase in Eden (+40.7%). Barrow-in-Furness and Copeland's increases are the **two smallest proportional increases** of all district/unitary LAs.

Broad Age Profile by 2043:

- Cumbria's projected proportion of people aged 65+ is much larger than the national average due to Cumbria's current age profile being older than the national average and the impact of the county's large projected decreases in numbers of 0-15 and 16-64 year olds.
- The proportion of people aged 65+ may increase to 31.4% in Cumbria, the **6th greatest proportion** of all counties (England 23.9%).
- All of Cumbria's districts set to have greater proportions of people aged 65+ than the national average, with Eden set to have the greatest proportion (36.1%), the **17th greatest proportion** of out of all district/unitary LAs.

Background

Every two years the ONS produce Subnational Population Projections (SNPPs) for LAs in England. The SNPPs indicate the size and structure of the population in each LA over the next 25 years. The SNPPs assume that the average observed levels of fertility, mortality and migration in each LA over the five years prior to the projections continue into the future, with small adjustments made to fit with national population projections. On 24th March 2020, the ONS published 2018-Based SNPPs; which took the mid-2018 population as base and projected this forward with assumed levels of fertility, mortality and migration observed over the five years to mid-2018. A full description of the 2018-Based SNPPs methodology is available via the following link: <https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationprojections/bulletins/subnationalpopulationprojectionsforengland/2018based>

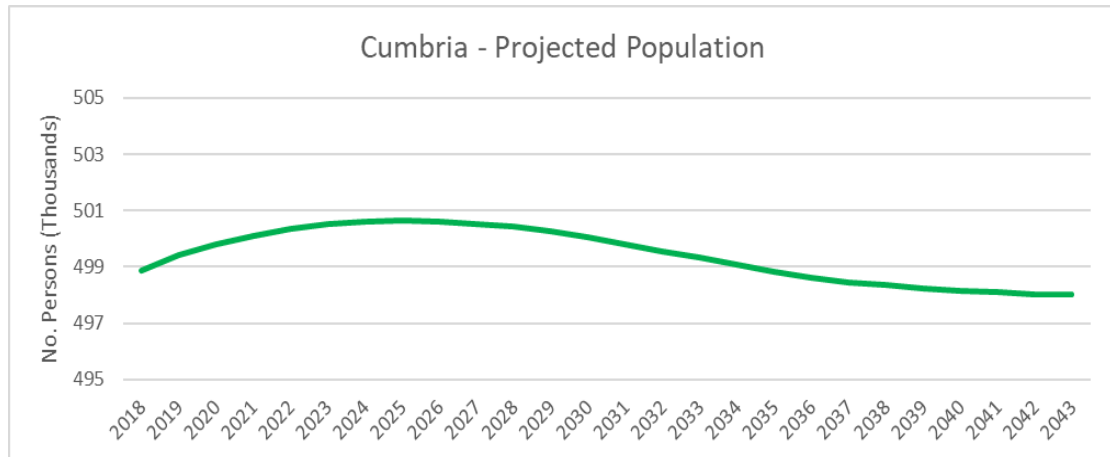
Caveats: The SNPPs make assumptions about future fertility, mortality and migration levels based on past trends continuing. **They are not forecasts and take no account of policy or developments that have not yet had an impact on observed trends.** The SNPPs do not reflect how projections may vary across communities within each LA. All demographic projections become increasingly uncertain the further into the future they project. This is due to the inherent uncertainty of demographic behaviour.

2018-Based Subnational Population Projections (SNPPs)

All Ages

Figure 1 displays Cumbria's projected population each year to 2043.

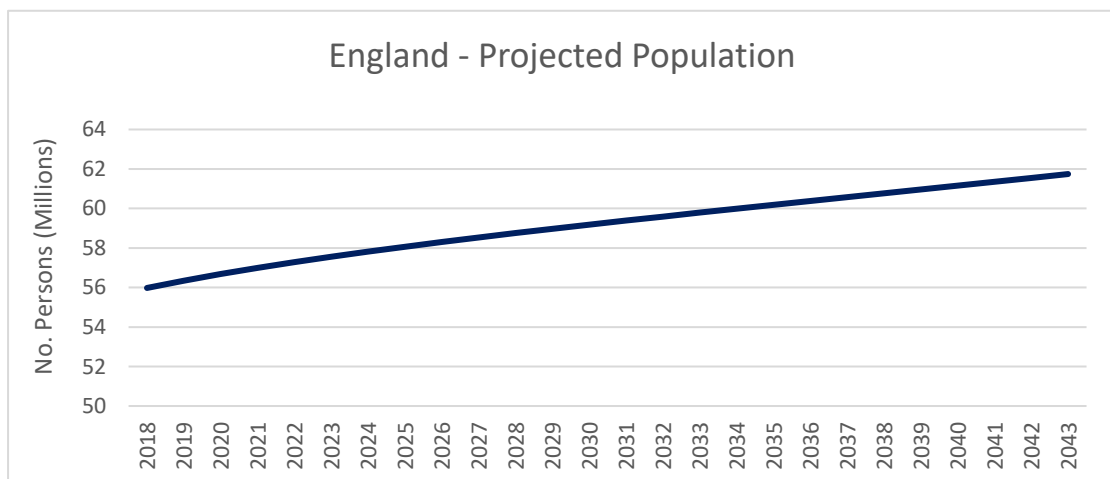
Figure 1: Cumbria: Projected Population: 2018-2043: All Ages



Source: 2018-Based SNPPs, Office for National Statistics

The SNPPs project that Cumbria's total population may increase very slightly to 2025 before slowly decreasing to 2043. In contrast, England's population is projected to increase steadily to 2043 (see figure 2).

Figure 2: England: Projected Population: 2018-2043: All Ages



Source: 2018-Based SNPPs, Office for National Statistics

Figure 3 displays the projected population 10 years into the projection period (2028) and at the end of the 25 year projection period (2043) for England, Cumbria and districts.

Figure 3: Projected Population: 2018-2028 & 2018-2043: All Ages

| | Population | | | 2018-2028 | | 2018-2043 | |
|-------------------|------------|------------|------------|------------|----------|------------|----------|
| | 2018 | 2028 | 2043 | No. Change | % Change | No. Change | % Change |
| England | 55,977,200 | 58,751,700 | 61,744,100 | 2,774,500 | 5.0 | 5,766,900 | 10.3 |
| Cumbria | 498,900 | 500,400 | 498,000 | 1,500 | 0.3 | -900 | -0.2 |
| Allerdale | 97,500 | 98,800 | 99,200 | 1,300 | 1.3 | 1,600 | 1.7 |
| Barrow-in-Furness | 67,100 | 65,000 | 62,800 | -2,200 | -3.3 | -4,400 | -6.5 |
| Carlisle | 108,400 | 108,900 | 108,100 | 500 | 0.5 | -300 | -0.3 |
| Copeland | 68,400 | 65,800 | 62,500 | -2,700 | -3.9 | -5,900 | -8.6 |
| Eden | 52,900 | 54,100 | 54,700 | 1,200 | 2.3 | 1,800 | 3.4 |
| South Lakeland | 104,500 | 107,900 | 110,700 | 3,400 | 3.2 | 6,200 | 5.9 |

Source: 2018-Based SNPPs, Office for National Statistics

By 2028:

- Cumbria's total population may increase by 1,500 persons (+0.3%); this is **the smallest projected increase** of the 33 counties in England and lower than the national average projection (England +5%).
- Copeland and Barrow-in-Furness are projected to experience decreases in their populations (-3.9% and -3.3% respectively); the **2nd and 5th greatest proportional decreases** respectively of all 326 district/unitary LAs in England.
- Carlisle, Allerdale, Eden and South Lakeland are projected to experience small increases in population (+0.5%, +1.3%, +2.3% and +3.2% respectively).

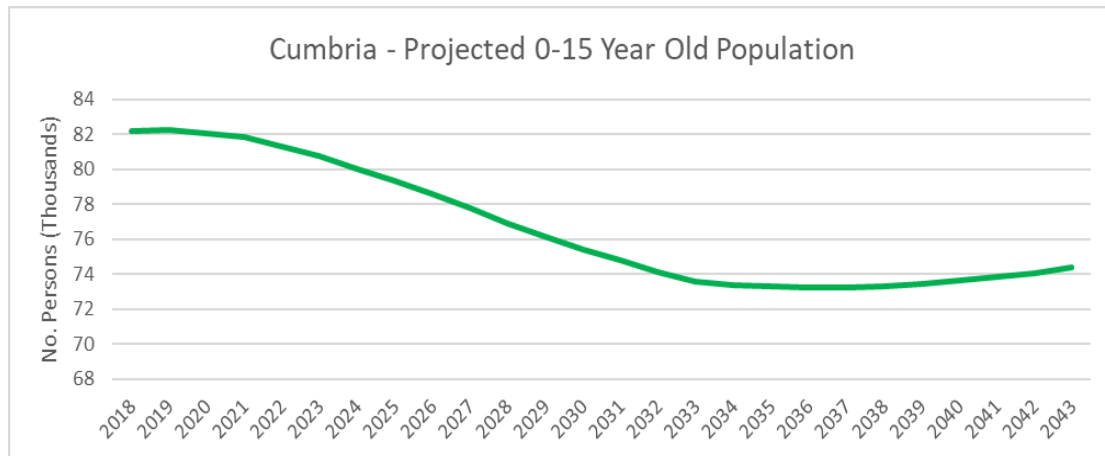
By 2043:

- Cumbria's population may decrease by 900 persons (-0.2%); this is **the only projected decrease** amongst counties and contrary to national projections (England +10.3%).
- Copeland, Barrow-in-Furness and Carlisle are all projected to experience decreases in their populations (-8.6%, -6.5%, and -0.3% respectively); the **2nd, 3rd and 17th greatest proportional decreases** of all district/unitary LAs.
- Allerdale, Eden and South Lakeland are projected to experience small increases in population (+1.7%, +3.4% and +5.9% respectively).

Children & Young People Population

Figure 4 displays Cumbria's projected 0-15 year old population to 2043.

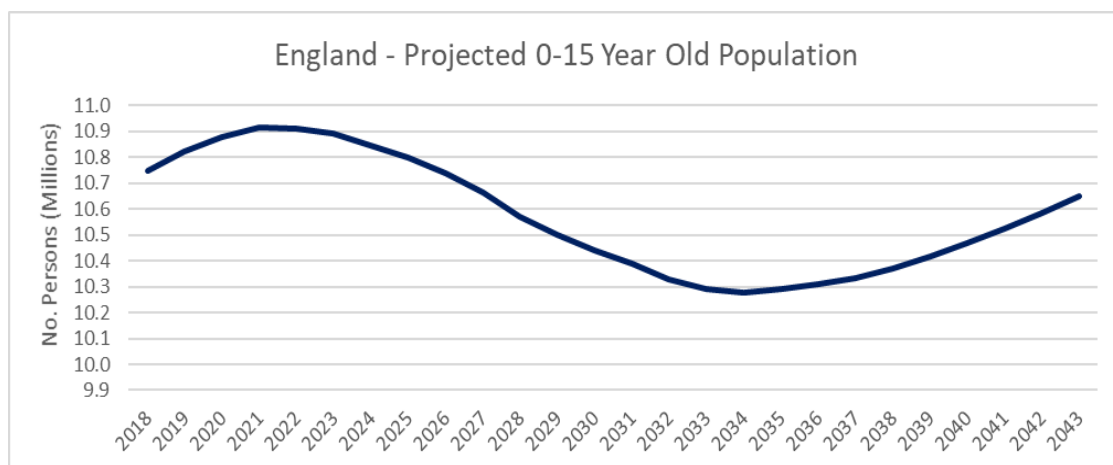
Figure 4: Cumbria: Projected Population: 2018-2043: 0-15 Year Olds



Source: 2018-Based SNPPs, Office for National Statistics

It is projected that the number of 0-15 year olds in Cumbria may decrease between 2020 and 2037, before increasing slightly from 2038 onwards. Nationally, it is projected that the number of 0-15 year olds may increase to 2021, decrease from 2022 to 2034, and then increase again from 2035 onwards (see figure 5).

Figure 5: England: Projected Population: 2018-2043: 0-15 Year Olds



Source: 2018-Based SNPPs, Office for National Statistics

Figure 6 displays, for England, Cumbria and districts, projected 0-15 year old population figures for 2028 and 2043.

Figure 6: Projected Population: 2018-2028 & 2018-2043: 0-15 Year Olds

| | Population | | | 2018-2028 | | 2018-2043 | |
|-------------------|------------|------------|------------|------------|----------|------------|----------|
| | 2018 | 2028 | 2043 | No. Change | % Change | No. Change | % Change |
| England | 10,748,500 | 10,573,200 | 10,650,400 | -175,300 | -1.6 | -98,100 | -0.9 |
| Cumbria | 82,200 | 76,900 | 74,400 | -5,300 | -6.5 | -7,900 | -9.6 |
| Allerdale | 16,200 | 15,600 | 15,400 | -500 | -3.2 | -800 | -4.9 |
| Barrow-in-Furness | 11,800 | 10,900 | 10,500 | -800 | -7.0 | -1,200 | -10.4 |
| Carlisle | 19,200 | 17,700 | 16,700 | -1,600 | -8.1 | -2,500 | -12.9 |
| Copeland | 11,600 | 10,300 | 9,600 | -1,300 | -11.2 | -2,000 | -17.2 |
| Eden | 8,100 | 7,500 | 7,100 | -600 | -7.0 | -1,000 | -12.0 |
| South Lakeland | 15,400 | 14,900 | 15,000 | -600 | -3.6 | -400 | -2.7 |

Source: 2018-Based SNPPs, Office for National Statistics

By 2028:

- The number of 0-15 year olds in Cumbria may decrease by -5,300 persons (-6.5%); the ***greatest projected proportional decrease*** amongst all counties and much greater than the projected national decrease (England -1.6%).
- The number of 0-15 year olds is set to decrease in all of the county's six districts, with Copeland projected to experience the greatest decrease (-11.2%); the ***7th greatest proportional decrease*** of all district/unitary LAs.

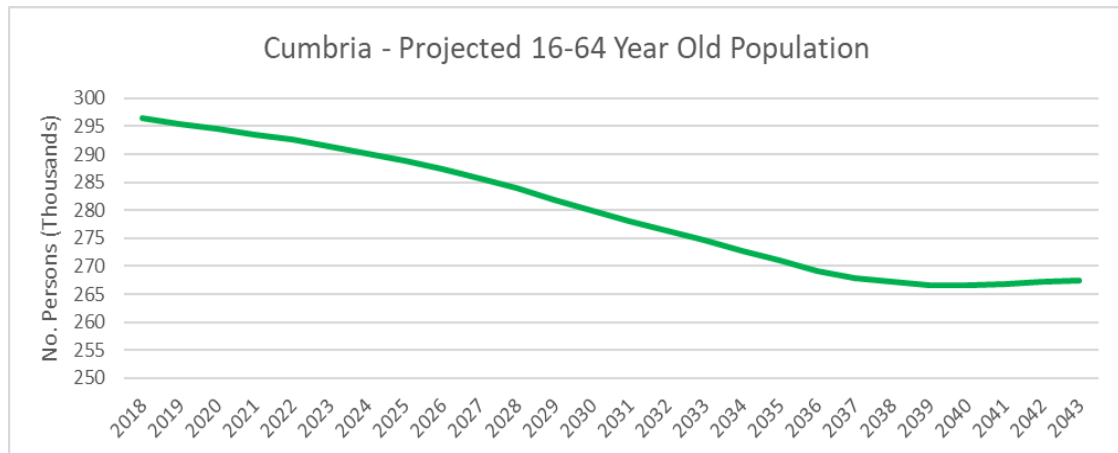
By 2043:

- The number of 0-15 year olds in Cumbria may decrease by -7,900 persons (-9.6%); the ***2nd greatest projected decrease*** amongst all counties and much greater than the projected national decrease (England -0.9%).
- The number of 0-15 year olds is set to decrease in all of the county's six districts, with Copeland projected to experience the greatest decrease (-17.2%); the ***5th greatest proportional decrease*** of all district/unitary LAs.

Working Age Population

Figure 7 displays Cumbria's projected 16-64 year old population to 2043.

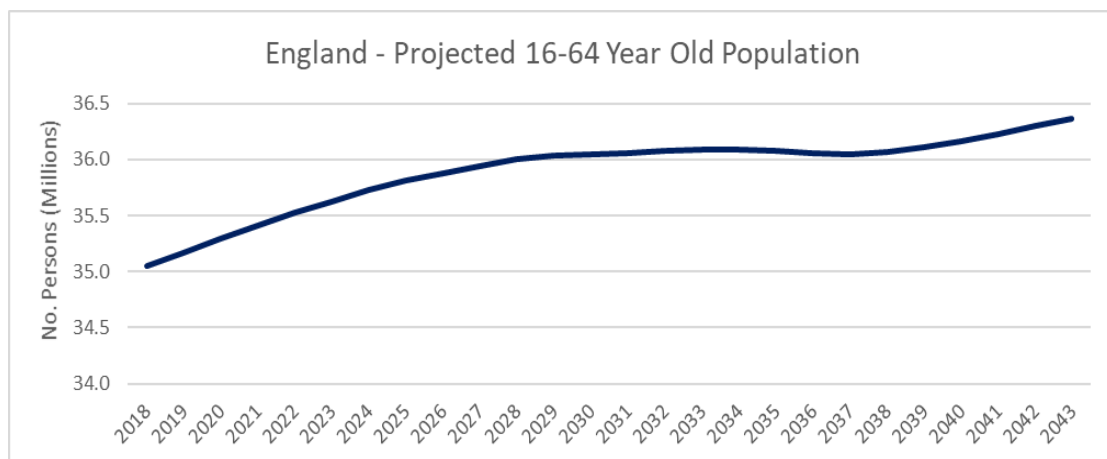
Figure 7: Cumbria: Projected Population: 2018-2043: 16-64 Year Olds



Source: 2018-Based SNPPs, Office for National Statistics

It is projected that Cumbria's 16-64 year old population may decrease each year to 2041 before increasing very slightly to 2043. In contrast, the 16-64 year old population of England is projected to increase to 2033, plateau between 2034 and 2037, and then increase again from 2038 to 2043 (see figure 8).

Figure 8: England: Projected Population: 2018-2043: 16-64 Year Olds



Source: 2018-Based SNPPs, Office for National Statistics

Figure 9 displays, for England, Cumbria and districts, the projected 16-64 year old population for 2028 and 2043.

Figure 9: Projected Population: 2018-2028 & 2018-2043: 16-64 Year Olds

| | Population | | | 2018-2028 | | 2018-2043 | |
|-------------------|------------|------------|------------|------------|----------|------------|----------|
| | 2018 | 2028 | 2043 | No. Change | % Change | No. Change | % Change |
| England | 35,049,500 | 36,002,700 | 36,366,700 | 953,300 | 2.7 | 1,317,300 | 3.8 |
| Cumbria | 296,500 | 283,900 | 267,400 | -12,600 | -4.3 | -29,100 | -9.8 |
| Allerdale | 57,700 | 55,800 | 53,000 | -1,900 | -3.3 | -4,600 | -8.1 |
| Barrow-in-Furness | 40,900 | 38,300 | 35,600 | -2,600 | -6.4 | -5,300 | -12.9 |
| Carlisle | 65,800 | 63,000 | 59,100 | -2,800 | -4.2 | -6,700 | -10.1 |
| Copeland | 41,600 | 38,200 | 34,800 | -3,300 | -8.0 | -6,700 | -16.2 |
| Eden | 30,800 | 29,700 | 27,800 | -1,100 | -3.4 | -2,900 | -9.6 |
| South Lakeland | 59,800 | 58,800 | 57,000 | -900 | -1.6 | -2,800 | -4.7 |

Source: 2018-Based SNPPs, Office for National Statistics

By 2028:

- The number of 16-64 year olds may decrease by 12,600 persons (-4.3%) across Cumbria. This is **the greatest proportional decrease** of all counties and contrary to the projected national trend (England +2.7%).
- The number of 16-64 year olds is set to decrease in all of Cumbria's districts, with Copeland projected to experience the greatest proportional decrease (-8%), followed by Barrow-in-Furness (-6.4%); the **2nd and 4th greatest proportional decreases** of all district/unitary LAs.

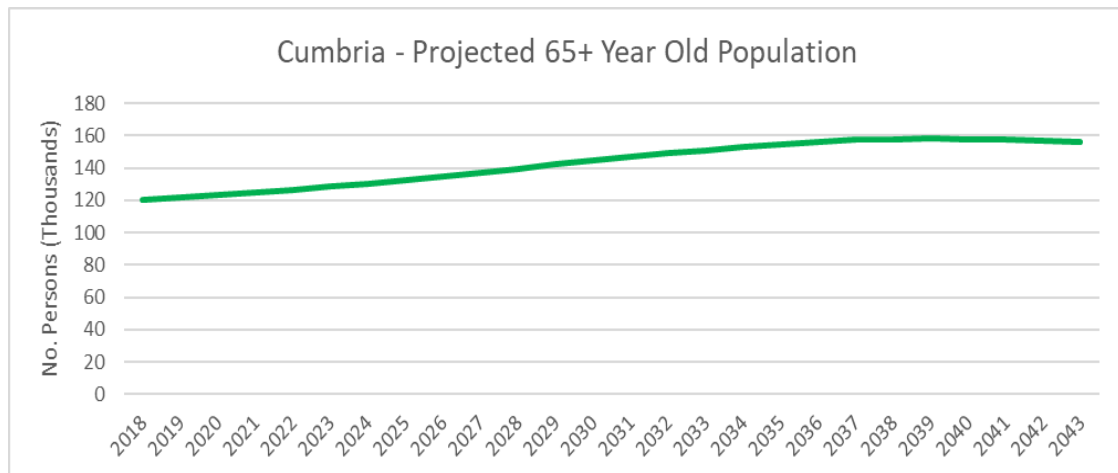
By 2043:

- The number of 16-64 year olds may decrease by 29,100 persons (-9.8%) across Cumbria. This is the **greatest proportional decrease** of all counties and contrary to the projected national trend (England +3.8%).
- The number of 16-64 year olds is set to decrease in all of Cumbria's districts, with Copeland projected to experience the greatest proportional decrease (-16.2%), followed by Barrow-in-Furness (-12.9%) and Carlisle (10.1%); the **2nd, 4th and 9th greatest proportional decreases** of all district/unitary LAs.

Older Adult Population

Figure 10 displays Cumbria's projected population to 2043 in relation to residents aged 65+ years.

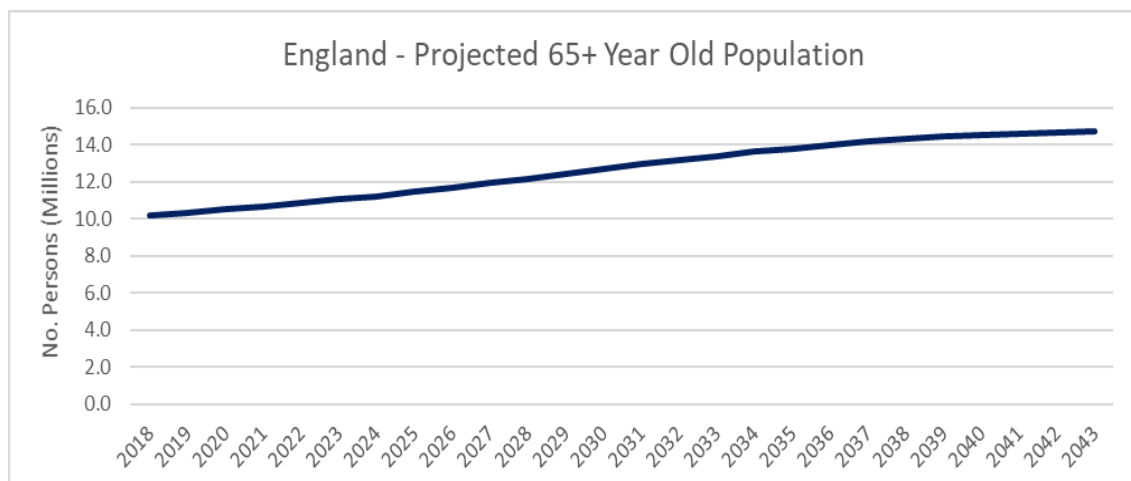
Figure 10: Cumbria: Projected Population: 2018-2043: 65+ Years



Source: 2018-Based SNPPs, Office for National Statistics

It is projected that Cumbria's 65+ population may increase each year until 2039 with very small decreases from 2040 onwards. England's 65+ population is projected to rise each year to 2043 (see figure 11).

Figure 11: England: Projected Population: 2018-2043: 65+ Years



Source: 2018-Based SNPPs, Office for National Statistics

Figure 12 displays for England, Cumbria and districts the projected 65+ population for 2028 and 2043.

Figure 12: Projected Population: 2018-2028 & 2018-2043: 65+ Year Olds

| | Population | | | 2018-2028 | | 2018-2043 | |
|-------------------|------------|------------|------------|------------|----------|------------|----------|
| | 2018 | 2028 | 2043 | No. Change | % Change | No. Change | % Change |
| England | 10,179,300 | 12,175,700 | 14,727,000 | 1,996,500 | 19.6 | 4,547,700 | 44.7 |
| Cumbria | 120,200 | 139,600 | 156,200 | 19,500 | 16.2 | 36,000 | 30.0 |
| Allerdale | 23,700 | 27,400 | 30,800 | 3,700 | 15.6 | 7,100 | 29.8 |
| Barrow-in-Furness | 14,500 | 15,700 | 16,600 | 1,300 | 8.7 | 2,100 | 14.9 |
| Carlisle | 23,400 | 28,200 | 32,200 | 4,800 | 20.7 | 8,800 | 37.8 |
| Copeland | 15,300 | 17,200 | 18,100 | 2,000 | 12.8 | 2,800 | 18.6 |
| Eden | 14,000 | 16,900 | 19,800 | 2,800 | 20.1 | 5,700 | 40.7 |
| South Lakeland | 29,300 | 34,200 | 38,800 | 4,900 | 16.6 | 9,400 | 32.1 |

Source: 2018-Based SNPPs, Office for National Statistics

By 2028:

- The number of residents aged 65+ may increase by 19,500 persons across Cumbria (+16.2%). All counties in England are projected increases in numbers of residents aged 65+, but Cumbria's increase is the **5th smallest proportional increase** of all counties and lower than the projected national increase (England +19.6%).
- The number of residents aged 65+ is set to increase in all of Cumbria's districts, with the greatest proportional increase in Carlisle (+20.7%). Notably, all district/unitary LAs in England, except one, are projected increases in numbers of residents aged 65+, however, Barrow-in-Furness's increase is the **2nd smallest proportional increase** of all district/unitary LAs.

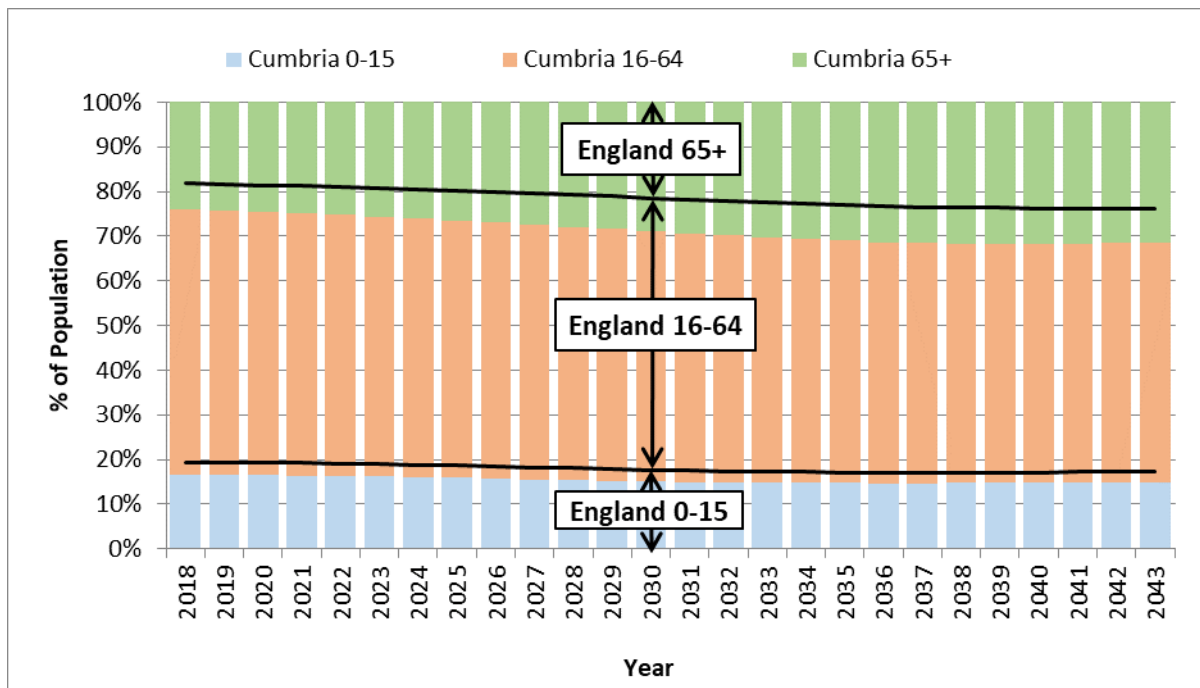
By 2043:

- The number of residents aged 65+ may increase by 36,000 persons across Cumbria (+30%). While all counties in England are projected to experience increases in numbers of residents aged 65+, Cumbria's increase is **the smallest proportional increase** of all counties and lower than the projected national increase (England +44.7%).
- The number of residents aged 65+ is set to increase in all of Cumbria's districts, with the greatest proportional increase in Eden (+40.7%). All district/unitary LAs in England, except one, are projected to experience increases in numbers of residents aged 65+, however, Barrow-in-Furness and Copeland's increases are the **two smallest proportional increases** of all district/unitary LAs.

Broad Age Profile

Figure 13 plots Cumbria's projected proportion of people in each broad age band to 2043, with England proportions overlaid using black lines.

Figure 13: Cumbria: Projected Population: 2018-2043: By Broad Age

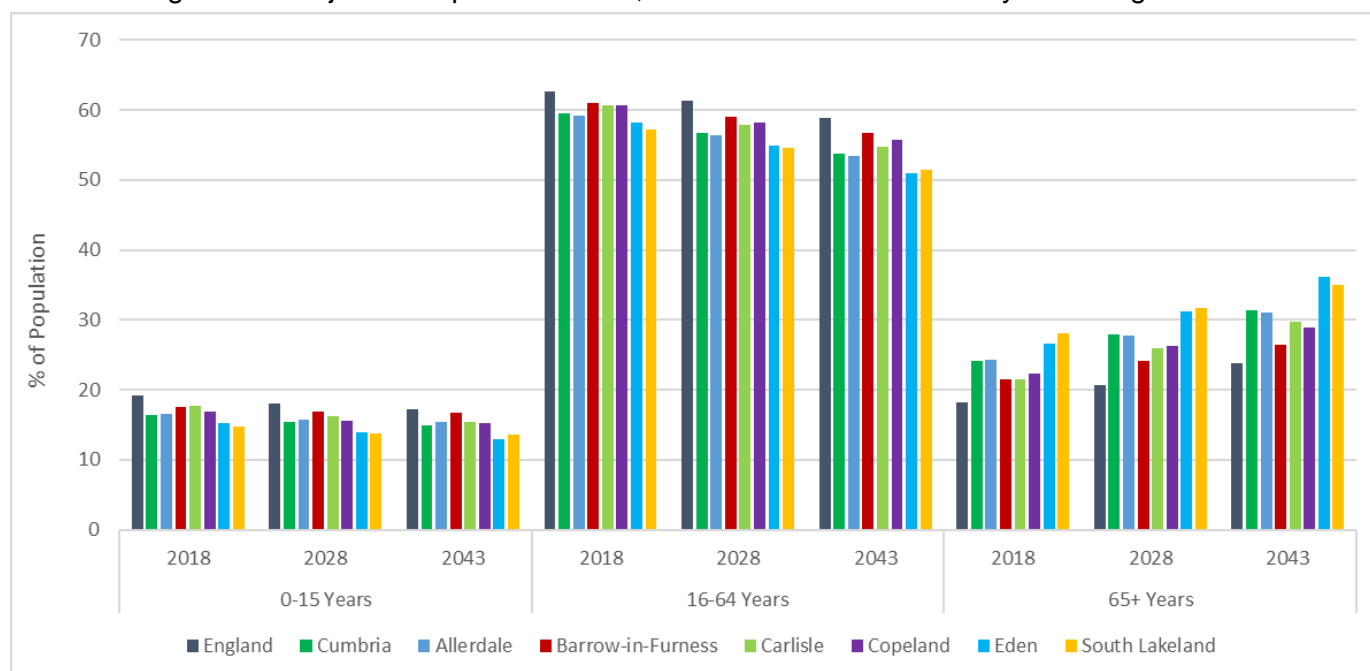


Source: 2018-Based SNPPs, Office for National Statistics

Cumbria is projected to have the smallest proportional increase in numbers of people aged 65+ of all counties in England and a lower proportional increase than the national average for this age group. However, ***Cumbria's projected proportion of residents aged 65+ is much greater than the national average.*** This is because Cumbria's current age profile is older than the national average and also the county is projected to experience large decreases in numbers of 0-15 and 16-64 year olds alongside increases in numbers of people aged 65+.

Figure 14 plots the projected proportion of people by broad age band in 2018, 2028 and 2043 for England, Cumbria and districts.

Figure 14: Projected Population: 2018, 2028 & 2043: % Persons by Broad Age



Source: 2018-Based SNPPs, Office for National Statistics

By 2028:

- The proportion of people aged 65+ may increase to 27.9% in Cumbria; the **6th greatest proportion** of all counties and much higher than the national average (20.7%).
- All of Cumbria’s districts are set to have greater proportions of people aged 65+ than the national average, with South Lakeland projected to have the greatest proportion (31.7%); the **17th greatest proportion** of all district/unitary LAs.

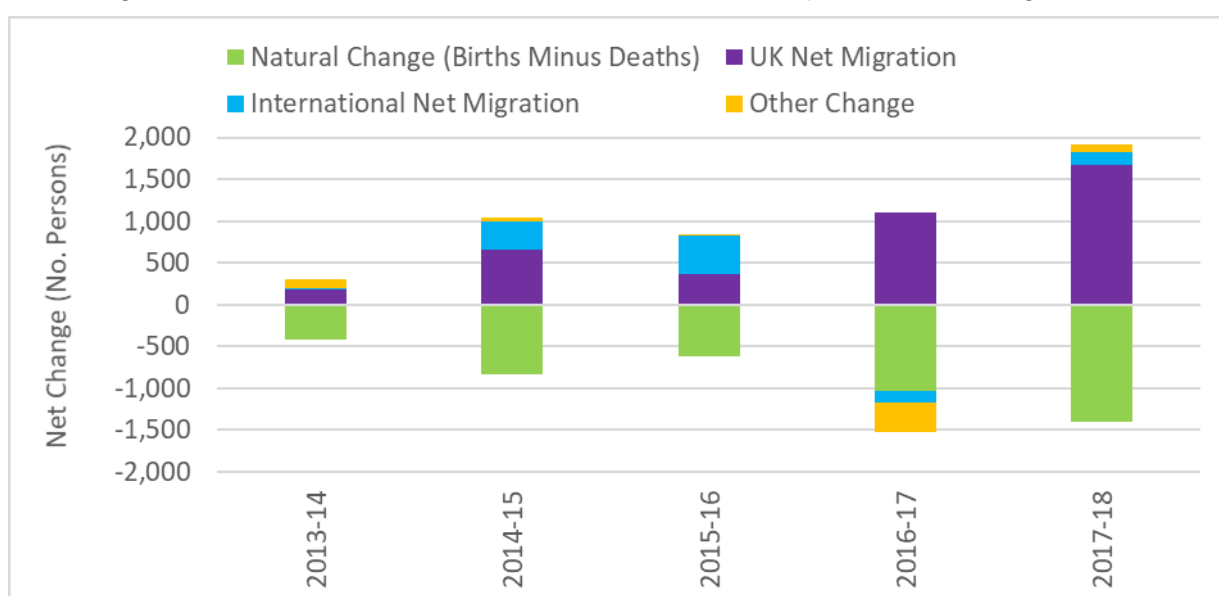
By 2043:

- The proportion of people aged 65+ may increase to 31.4% in Cumbria; the **6th greatest proportion** of all counties and much higher than the national average (23.9%).
- All of Cumbria’s districts are set to have greater proportions of people aged 65+ than the national average, with Eden projected to have the greatest proportion (36.1%); the **17th greatest proportion** of all district/unitary LAs.

Components of Change

It is combined changes in numbers of births, deaths and migrants that determine overall population change. The 2018-Based SNPPs took the population of each LA at mid-2018 as their starting point. This population was projected forward a year at a time to 2043 by ageing the population on from the previous year and adjusting for the projected number of births, deaths and in/out migration to/from other parts of the UK and overseas based on trends observed in the five years to mid-2018 (mid-2013/14 to mid-2017/18). Figure 15 examines the net impact of each component of change in Cumbria during these years.

Figure 15: Cumbria: Mid-2013/14 to Mid-2017/18: Components of Change



Source: Office for National Statistics, 'Other Change' refers to effect of changes to prisoner, armed forces and their overseas based dependent populations.

Between mid-2013/14 and mid-2017/18:

- There were 23,400 births in Cumbria and 27,700 deaths; resulting in a **net natural decrease of 4,300 persons**.
- An estimated 89,000 people moved into Cumbria from other parts of the UK and an estimated 85,100 people moved out from Cumbria to other parts of the UK; resulting in a **net increase of 4,000 persons** (figures do not sum due to rounding).
- An estimated 7,600 people moved into Cumbria from overseas and an estimated 6,700 people moved out from Cumbria to overseas resulting in a **net increase of 900 persons**.

Further Information: For further briefings and summaries regarding the recent population trends and population projections please visit the Cumbria Intelligence Observatory website:

<https://www.cumbriaobservatory.org.uk/population/population-further-information/>

Alternatively, please contact the Performance & Intelligence Team at Cumbria County Council:

Email: info@cumbriaobservatory.org.uk