

## Solihull Population Projection

The 2018 sub-national population projections are produced by the ONS. They are based on the 2018 mid-year estimates and assumptions about local migration, fertility and mortality trends. The projections cover the period 2014-2043, although the analysis in this summary focuses on the 20 year period 2018-2038.

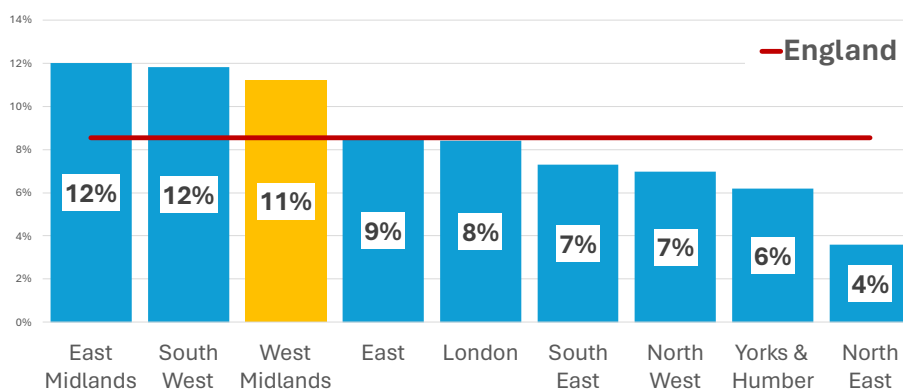
### National and Regional Projections

The table below shows population projections for England and the regions for the 20 year period 2018-2038. England's population is projected to grow by 2.8 million by mid-2028 and by a further 2.0 million in the following 10 years. This equates to total population growth of 9% over the 20 years 2018-2038 (4.8 million). All regions show growth over this period, with rates highest in the East Midlands and the South West (both 12%). Yorkshire & the Humber is projected to experience the lowest population growth to 2038 (6%). The 11% growth projected for the West Midlands region between 2018 and 2038 is higher than the national average.

	20 Year Population Projections for English Regions 2018-2038						
	Population (000s)			Change 2018-2028		Change 2018-2038	
	2018	2028	2038	000s	%	000s	%
England	55,977	58,752	60,766	2,774	5%	4,789	9%
East	6,201	6,512	6,728	311	5%	527	9%
East Midlands	4,804	5,138	5,381	334	7%	577	12%
London	8,908	9,342	9,659	434	5%	750	8%
North East	2,658	2,719	2,753	61	2%	95	4%
North West	7,292	7,581	7,802	289	4%	510	7%
South East	9,134	9,539	9,800	405	4%	666	7%
South West	5,600	5,983	6,262	383	7%	662	12%
West Midlands	5,901	6,263	6,562	362	6%	662	11%
Yorks & Humber	5,480	5,674	5,820	195	4%	340	6%

Source: ONS Sub-National Population Projections 2018

### Regional Population Growth 2018-2038



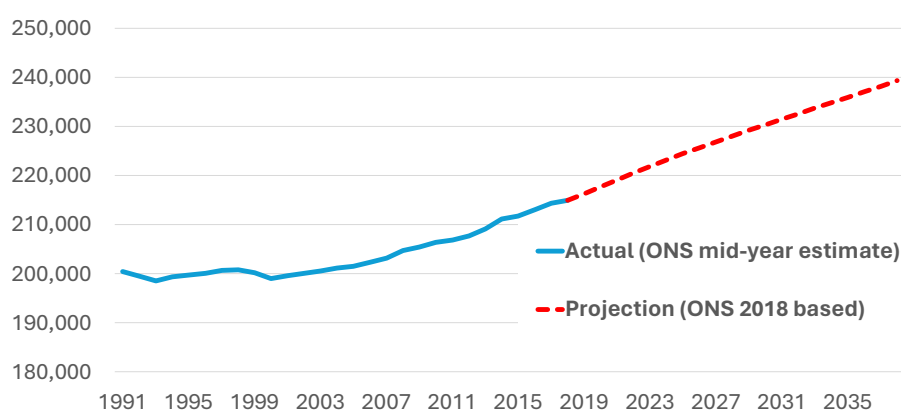
Source: ONS Population Projections

## Solihull Population Projections

The Solihull population is projected to increase by 13,125 people (6.1%) between 2018 and 2028 and by a further 11,363 (5.0%) between 2028 and 2038. Total growth for the period 2018-2038 is, therefore, projected to be 24,488 (11.4%).

This equates to population growth of 0.6% per annum over the period 2018-2038. By way of context mid-year population estimates show that there was virtually no growth in the 10-years to 2001, but between 2001 and 2018 it was growing by about 0.5% per year. So, Solihull population growth over the next couple of decades is projected to be broadly in-line with the trend evident since the turn of the millennium.

### Solihull Population Projection



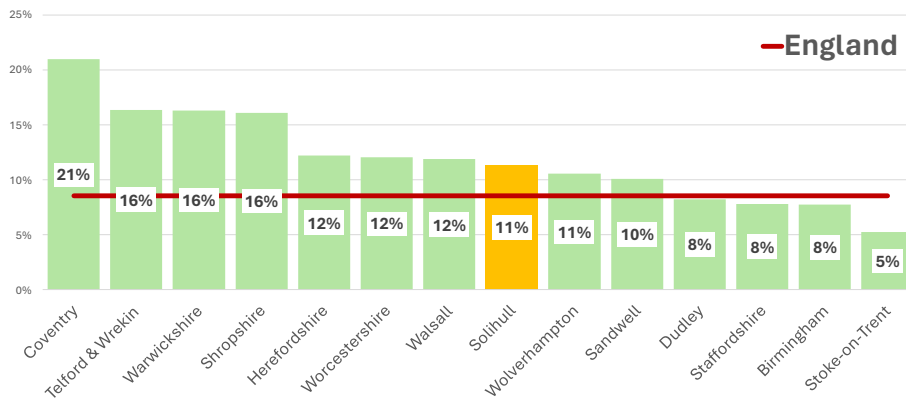
Source: ONS Population Projections

The table and chart below show projected population growth for neighbouring areas in the West Midlands. Growth in Solihull between 2018 and 2038 (+11%) is expected to be in-line with the West Midlands average, but higher than that for England (+9%). Locally the population increase in Solihull is projected to be lower than that for Coventry, Telford & Wrekin, Warwickshire and Shropshire, but notably higher than the 8% population growth forecast in Birmingham.

	20 Year Population Projections for West Midlands Local Authorities 2018-2038						
	Population (000s)			Change 2018-2028		Change 2018-2038	
	2018	2028	2038	000s	%	000s	%
West Midlands	5,713	6,052	6,352	339.2	6%	638.8	11%
Birmingham	1,101	1,190	1,268	88.2	8%	166.7	15%
Coventry	337	388	428	50.3	15%	91.0	27%
Dudley	316	325	334	8.8	3%	17.9	6%
Sandwell	317	343	367	26.6	8%	50.0	16%
Solihull	210	222	234	11.9	6%	24.0	11%
Staffordshire	860	890	915	30.0	3%	54.9	6%
Walsall	274	290	305	16.1	6%	31.1	11%
Warwickshire	552	579	606	27.6	5%	54.5	10%
Wolverhampton	253	267	281	14.5	6%	28.4	11%
Worcestershire	575	602	625	26.5	5%	50.0	9%

Source: ONS Sub-National Population Projections 2018

## West Midlands Population Growth 2018-2038



Source: ONS Population Projections

## Solihull Broad Age Group Population Projections

The table below shows that the overall population growth of 11% projected for Solihull in the 20 years 2018-2038 masks considerable age group variations. Most notably the number of older people aged 65+ expected to increase by far more than younger ages.

Over the 20 years 2018-2033, population growth in Solihull is projected to be largest in both actual and percentage terms among older people aged 65+ (11,185, 24.7%). Among this group the rate of growth is evenly distributed across the 20 years of the projection.

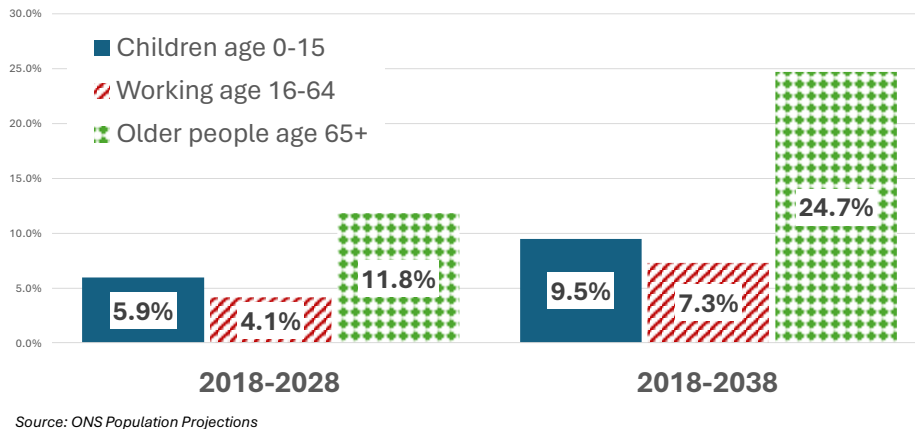
The number of children aged 0-15 years old is projected to increase by 3,983 (9.5%) between 2018 and 2038 with growth expected to be higher in the first 10 years of this projection than between 2028 and 2038 (+5.9% compared to +3.3%).

The number of working age adults 16-64 years old is projected to increase by 9,321 (7.3%) between 2018 and 2038 with growth expected to be slightly higher in the first 10 years of this projection than between 2028 and 2038 (+4.1% compared to +3.0%).

Solihull Population Projection by Age Group							
	Population (000s)			Change 2018-2028		Change 2018-2038	
	2018	2028	2038	000s	%	000s	%
Children 0-15	42.0	44.5	46.0	2.5	5.9%	4.0	9.5%
Working age 16-64	127.7	133.0	137.0	5.3	4.1%	9.3	7.3%
Older People 65+	45.2	50.6	56.4	5.3	11.8%	11.2	24.7%
All Ages	214.9	228.0	239.4	13.1	6.1%	24.5	11.4%

Source: ONS Sub-National Population Projections 2018

## Solihull Age Group Projections 2018-2038

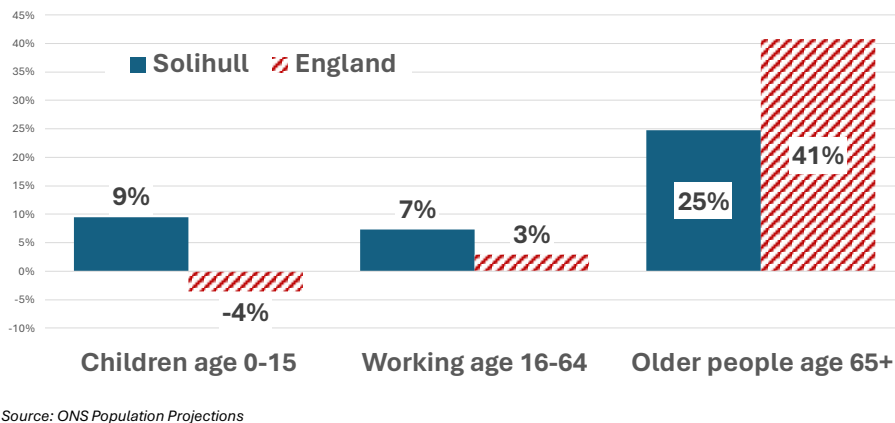


The age pattern of population growth for the period 2018-2038 in Solihull is projected to be different from that of England. Most notably the population of children aged 0-15 years is projected to increase in Solihull by 9.5%, contrasting with a fall of -3.5% nationally.

The Solihull working age population is also expected to increase by more than the England average (7.3% vs 2.9%) although this age group is expected to grow both nationally and locally.

Older people aged 65 and over are projected to increase by far more across England than in Solihull over the 20 years to 2038 (24.7% vs 40.8%).

## Age Group Projections 2018-2038

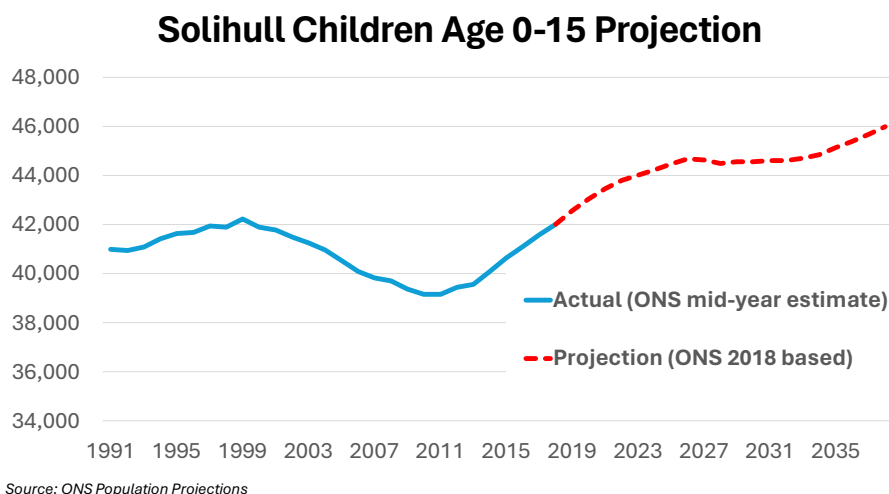


### Solihull Children Aged 0-15 Projections

The Solihull children population aged 0-15 years is projected to increase by 2,495 (5.9%) between 2018 and 2028 and by a further 1,488 (3.3%) between 2028 and 2038. Total growth for the period 2018-2038 is, therefore, projected to be 3,983 (9.5%).

This equates to population growth of 0.5% per annum over the period 2018-2038. By way of context mid-year population estimates show that the Solihull child population fell consistently

between 1999 and 2010 (by -0.7% per annum) before returning to growth from 2011 onwards (+0.9% per annum 2011-2018).



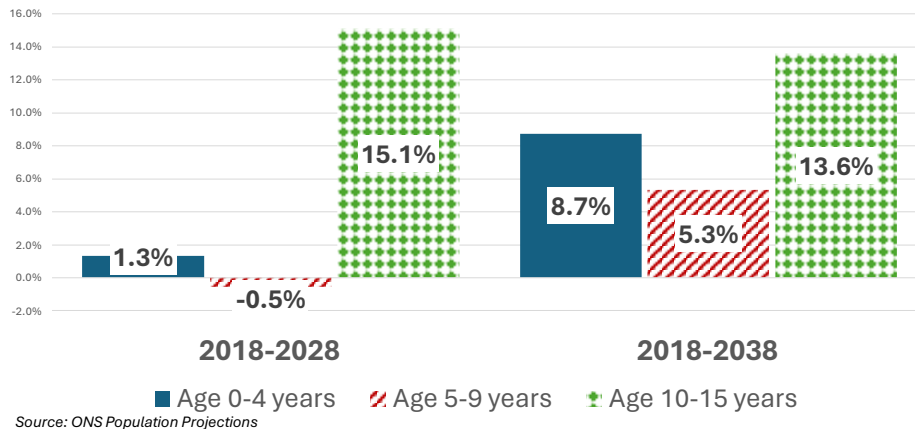
Over the 20 years 2018-2038, child population growth in Solihull is projected to be largest in both actual and percentage terms among older children aged 10-15 years (2,169, 13.6%). Growth for this age group is projected to be confined to the first part of this 20-year period (+15.1% 2018-2028) with numbers projected to fall thereafter (-1.3% 2028-2038).

The number of children aged 0-4 years old is projected to increase by 1,083 (+8.7%) between 2018 and 2038 with growth expected to be higher in the second 10 years of this projection (+1.3% 2018-2028; +7.3% 2028-2038).

The number of children aged 5-9 years old is projected to increase by 731 (+5.3%) between 2018 and 2038 albeit with population numbers falling marginally at the outset (-0.5% 2018-2028).

<b>Solihull Children Population Projection by Age Band</b>							
	Population (000s)			Change 2018-2028		Change 2018-2038	
	2018	2028	2038	000s	%	000s	%
Age 0-4 years	12.4	12.6	13.5	0.16	1.3%	1.08	8.7%
Age 5-9 years	13.7	13.6	14.4	-0.07	-0.5%	0.73	5.3%
Age 10-15 years	15.9	18.3	18.1	2.40	15.1%	2.17	13.6%
Age 0-15	42.0	44.5	46.0	2.50	5.9%	3.98	9.5%
<i>Source: ONS Sub-National Population Projections 2018</i>							

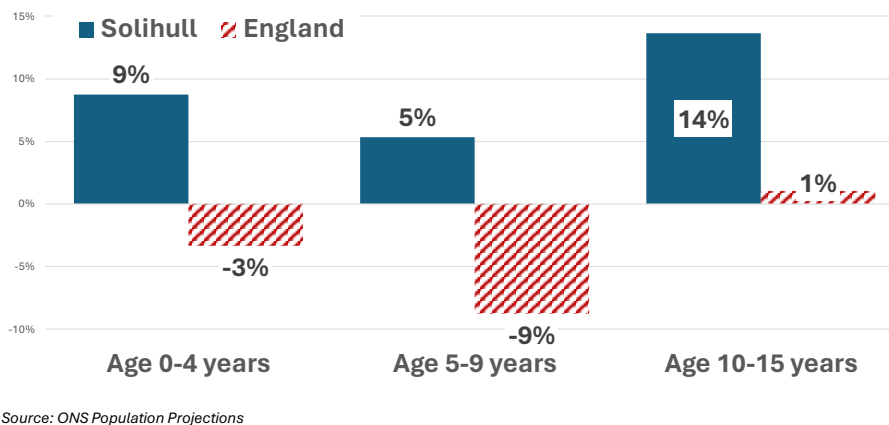
## Solihull Children Population Projections 2018-2038



Child population growth is projected to be much higher in Solihull than across England over the period 2018-2038. This applies to all breakdowns of the child population, with the England population aged 0-9 years projected to fall by a cumulative -6% contrasting with an increase of +7% in Solihull.

Population growth among older children aged 10-15 years is projected to be much stronger in Solihull than across England (+14% vs +1%).

## Children Population Projections 2018-2038

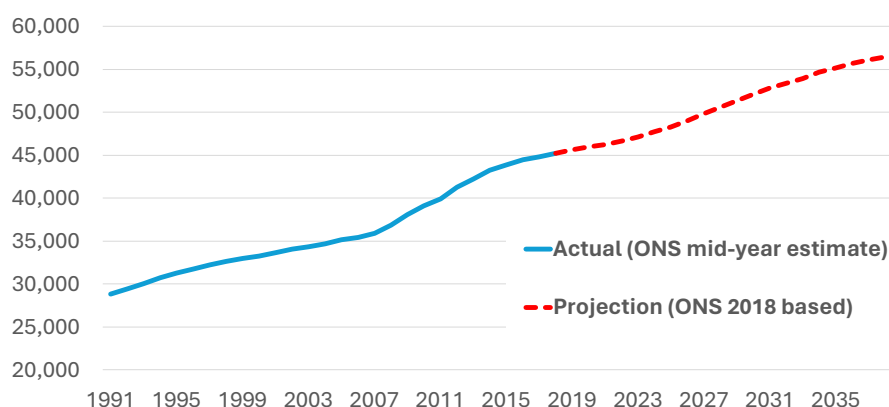


## Solihull Older People Aged 65+ Projections

The Solihull older people population aged 65 years and over is projected to increase by 5,337 people (+11.8%) between 2018 and 2028 and by a further 5,848 (11.6%) between 2028 and 2038. Total growth for the period 2018-2038 is, therefore, projected to be 11,185 (+24.7%).

This equates to population growth of 1.2% per annum over the period 2018-2038. By way of context mid-year population estimates show that the Solihull 65+ population increased by around 2% per annum between 1991 and 2018 (a cumulative increase of +57%, +16,425 people).

## Solihull Older People Age 65+ Projection



Source: ONS Population Projections

Over the 20 years 2018-2038, all age groups within the Solihull older people population are projected to increase significantly, with growth highest in proportional terms among those aged 85 and over.

The Solihull 85+ population is projected to increase by +3,660 people (+54.3%) in the 20-years to 2038, with growth highest from 2028 onwards (+18% 2018-28; +30% 2028-38).

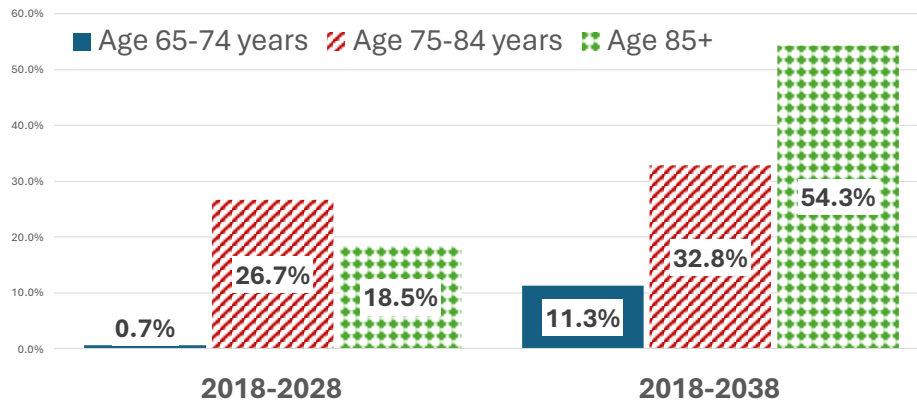
The Solihull population aged 75 to 84 is projected to see the highest level of growth in terms of absolute numbers (+4,847, +32.8% 2018-38) albeit it the growth is very much weighted towards the first ten years of this projection (+27% 2018-28 vs +5% 2028-38).

Older people population growth in Solihull is projected to be lowest among those aged 65-74 years although again this is unevenly distributed with growth much higher in the latter half of the forecast (+1% 2018-28 vs +11% 2028-38).

	Solihull Older People Population Projection by Age Band						
	Population (000s)			Change 2018-2028		Change 2018-2038	
	2018	2028	2038	000s	%	000s	%
Age 65- 74 years	23.72	23.87	26.40	0.15	0.7%	2.68	11.3%
Age 75-84 years	14.77	18.71	19.62	3.94	26.7%	4.85	32.8%
Age 85 years+	6.74	7.98	10.40	1.24	18.5%	3.66	54.3%
All Age 65+	45.23	50.56	56.41	5.34	11.8%	11.19	24.7%

Source: ONS Sub-National Population Projections 2018

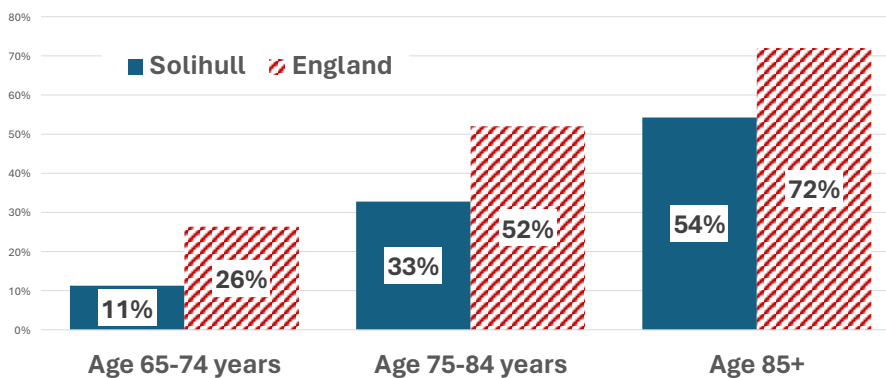
## Solihull Older People Projections 2018-2038



Source: ONS Population Projections

Even though Solihull is likely to experience high levels of older people population growth in the 20 years to 2028 it is projected to be exceeded by growth levels across England as a whole. This is apparent in each of the broad age bands of the 65+ population.

## Older People Projections 2018-2038



Source: ONS Population Projections



## Appendix 1: Methodology

The projection for each year is calculated by ageing on the population for the previous year, applying local fertility and mortality rates to calculate the projected numbers of births and deaths and adjusting for migration into and out of the area.

The process is repeated for each year of the projection period. Local results are constrained to the national projection for England.

The projections estimate what the future population will be if recent demographic trends were to continue. The projections do not take account of policies or other factors that might change trends in the future, including economic conditions, immigration controls, circumstances in other countries or local development policies.

The future is inherently uncertain. The reliability of the projections is further constrained by limitations of the methodology and the quality of the trend data. International migration, a key driver of recent change, is subject to large variations and is poorly measured. Estimates of migration between areas in the UK derive mainly from re-registration with NHS practitioners. Younger people, particularly males do not always re-register after moving.

## Appendix 2: Solihull 5-Year Age Band Projections

	2018	2020	2022	2024	2026	2028	2030	2032	2034	2036	2038
Age 0-4	12,393	12,235	12,088	12,192	12,371	12,558	12,711	12,853	13,016	13,220	13,476
Age 5-9	13,695	14,207	14,064	13,936	13,693	13,621	13,787	13,957	14,120	14,265	14,426
Age 10-14	13,419	13,936	14,747	15,208	15,437	15,225	14,953	14,698	14,753	14,894	15,061
Age 15-19	11,932	11,637	12,366	12,941	13,488	14,055	14,351	14,224	13,989	13,710	13,645
Age 20-24	10,903	10,834	10,247	9,868	10,044	10,634	11,079	11,600	11,852	11,936	11,718
Age 25-29	12,405	12,600	12,705	12,759	12,432	12,012	11,971	12,522	13,135	13,636	14,008
Age 30-34	12,039	12,770	13,399	13,600	13,543	13,557	13,405	12,972	12,746	13,000	13,694
Age 35-39	12,685	12,858	13,117	13,708	14,368	14,707	14,800	14,647	14,518	14,216	13,826
Age 40-44	12,410	12,839	13,487	13,937	14,054	14,422	14,991	15,599	15,805	15,639	15,523
Age 45-49	15,323	14,182	13,266	13,112	13,808	14,458	14,587	14,814	15,304	15,923	16,276
Age 50-54	15,813	15,700	15,555	14,691	13,732	13,133	13,571	14,199	14,625	14,735	15,066
Age 55-59	14,778	15,409	15,242	15,295	14,988	14,701	13,749	12,944	12,832	13,485	14,090
Age 60-64	11,888	12,564	13,639	14,213	14,669	14,386	14,304	14,192	13,490	12,694	12,178
Age 65-69	11,665	11,183	11,136	11,587	12,416	13,215	13,801	13,748	13,814	13,594	13,364
Age 70-74	12,054	11,963	11,243	10,628	10,393	10,659	11,253	12,191	12,755	13,198	13,033
Age 75-79	8,340	9,207	10,366	10,706	10,595	9,759	9,438	9,470	9,874	10,593	11,311
Age 80-84	6,429	6,659	6,719	7,364	8,050	8,948	8,949	8,491	8,141	8,040	8,305
Age 85+	6,738	6,931	7,155	7,422	7,536	7,982	8,658	9,457	10,064	10,270	10,398
All ages	214,909	217,712	220,539	223,173	225,622	228,034	230,362	232,578	234,833	237,050	239,397

Source: ONS Sub-National Population Projections 2018