

Solihull Population Estimate 2022

The Office for National Statistics (ONS) estimates that Solihull's resident population was 217,678 in mid-2022. This represents a five-year increase of 3,348 (1.6%) since 2017 and a one-year increase of 1,000 (0.5%) since 2021.

The ONS estimates that there are 111,859 female Solihull residents and 105,819 male.

This note uses this ONS mid-year estimate to compare the Solihull population to that of England and the West Midlands and how the Solihull population has changed over recent years. Sub-borough population data relating to the 17 Solihull wards is taken from the 2021 Census. This is because ONS sub-borough estimates have not been updated since 2020 and the Census is a more recent and reliable source.

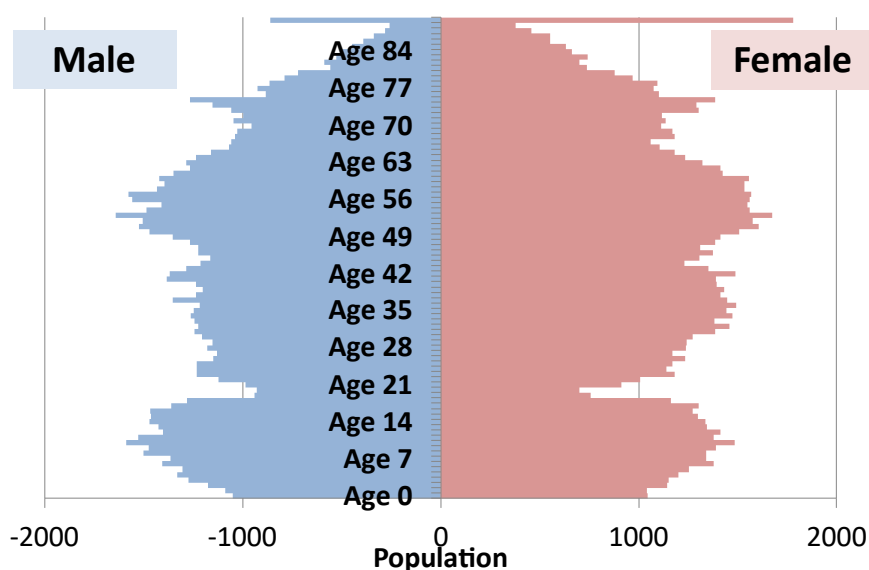
Age Structure

The chart below is an age pyramid of Solihull's population. Each line in the pyramid represents a single year of age in the population. The size and make-up of the population is determined by births, deaths and migration that have taken place in previous years.

Some Key points from the pyramid are:

- An increase in the number of children aged 6 through to 16 years.
- The number of residents reduces sharply during the ages 18-22, mostly likely caused by students leaving to go to university.
- Substantial spikes in the population are evident for both females and males in their late 40s to mid-50s.
- A further spike is evident among both males and females in their early 70s.

Solihull Mid-Year 2022 Population



Source: ONS, mid-2022 population estimates

As the table below shows compared with both England and the West Midlands region Solihull has a relatively high proportion of older people aged 65+ (21.2%). The proportion of Solihull children aged 0-15 years is higher than England, but in-line with the West Midlands average, whereas the working age population is lower than the national and regional average.

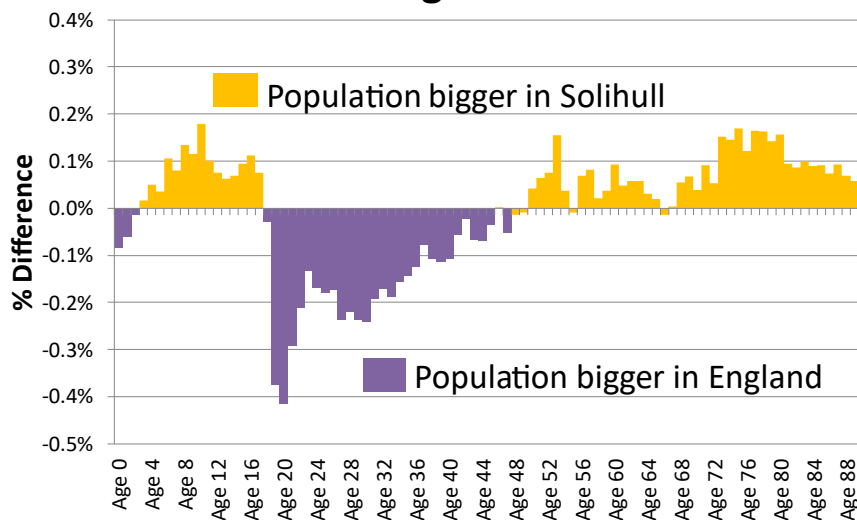
| Population by Broad Age Group 2022 | | | | | | |
|------------------------------------|----------|---------|------------|---------|---------------|---------|
| | Solihull | | England | | West Midlands | |
| | Count | % Total | Count | % Total | Count | % Total |
| Aged 0- 15 | 42,407 | 19.5% | 10,575,320 | 18.5% | 1,163,617 | 19.3% |
| Aged 16-64 | 129,125 | 59.3% | 35,901,211 | 62.9% | 3,720,495 | 61.8% |
| Aged 65+ | 46,146 | 21.2% | 10,629,867 | 18.6% | 1,137,541 | 18.9% |
| All People | 217,678 | | 57,106,398 | | 6,021,653 | |

Source: ONS Mid-2022 population estimates

The chart below shows the Solihull population relative to the England average by single year.

- Solihull has a below England average among those under 3 years old and among all ages from 18 to 49 years.
- These population deficits are particularly evident among those aged 19-22 years (students) and among those aged 27 to 30 years.
- Solihull has an above average population among almost all years aged 50 and over.
- The above average Solihull population is particularly evident from ages 73 through to 80 years.

Solihull Population Relative to England Average 2022

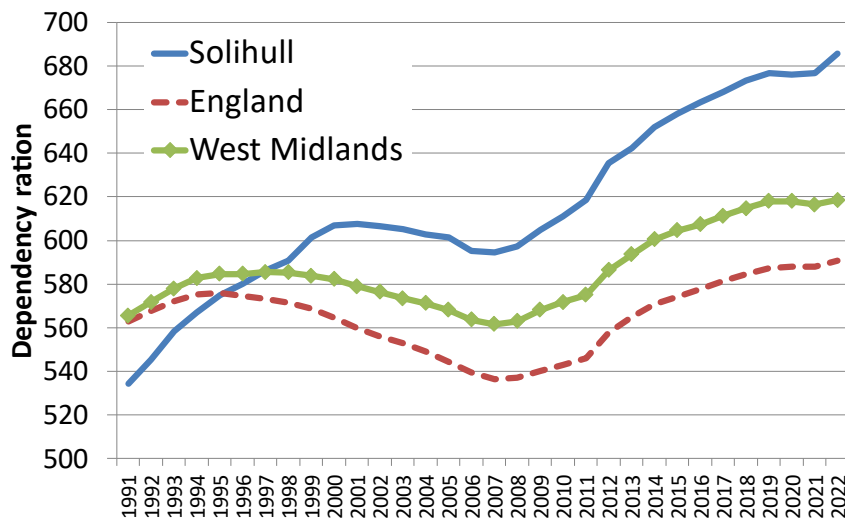


Source: ONS, mid-2022 population estimates

The dependency ratio summarises the age distribution of a population. It compares the number of dependents (children and pensioners) with the working age population and is expressed per thousand population.

- In 2022 the dependency ratio in Solihull was, at 686 per 1,000, 16% greater than the England average (591 per 1,000) and 11% greater than that for the West Midlands (619 per 1,000).
- Solihull's dependency ratio has been above the England average since the mid-1990s. The gap between Solihull and England has increased steadily over the last 20 years and is now higher than at any point since data became available in 1991.
- The Solihull dependency ratio has been rising consistently over the last 15 years, with a total increase of 15% between 2007 and 2022. This increase in Solihull is consistent with, albeit more pronounced than those recorded across the West Midlands (+10%) and England (+10%) over this period.

Dependency Ratio 1991- 2022



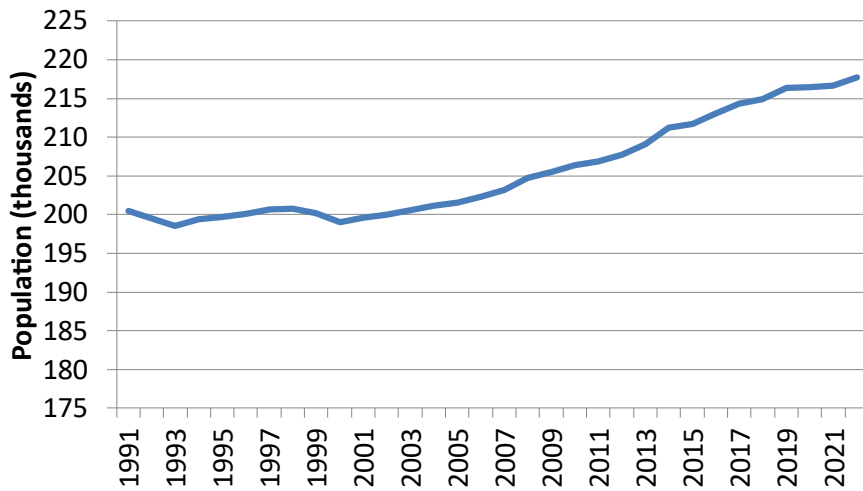
Source: ONS, mid-year population estimates

Population Change

Despite some fluctuations resulting in small spikes in the late 1980s and late 1990s the Solihull population was virtually unchanged between 1981 and 2000. Solihull's population has increased in every year since 2000.

Mid-Year Population Estimates

Solihull 1991-2022

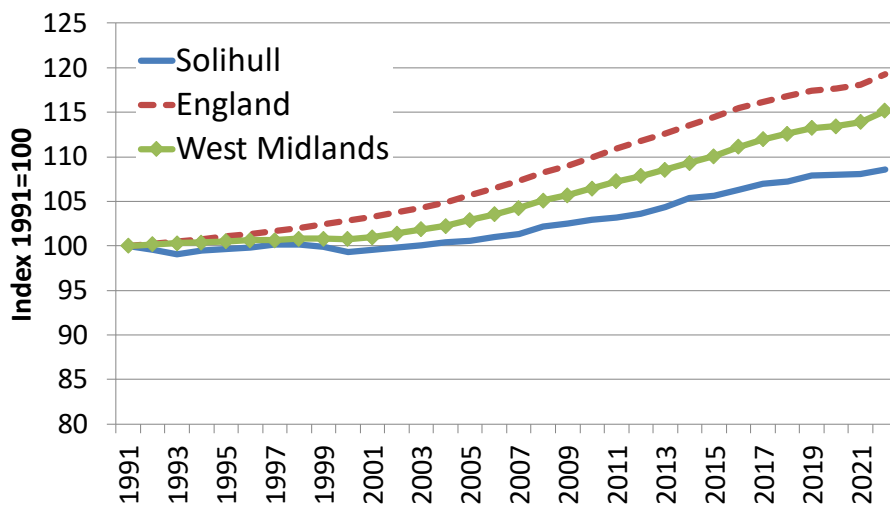


Source: ONS, mid-year population estimates

Population growth in Solihull has been lower than that for England or the West Midlands. Between 2000 and 2022 the Solihull population grew by 9.4% (+18,665 people) compared to increases of 16% for England and 14.3% for the West Midlands.

Mid-Year Population Estimates

Index of Change 1991-2022



Source: ONS, mid-year population estimates

Dividing the years 1991 to 2022 into 3 periods (two periods of 10 years, one of 11 years) shows that population growth in Solihull has accelerated from -0.4% in the 10-years 1991-2001 to +5.2% between 2011 and 2022.

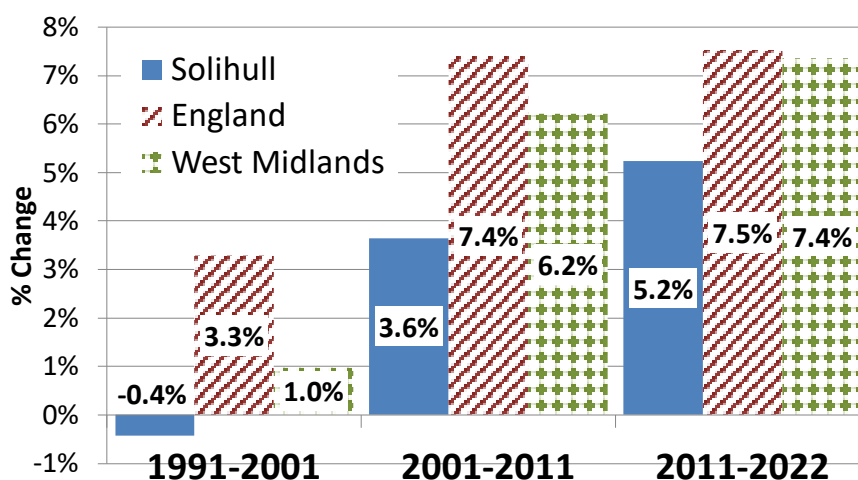
In each of these periods population growth in Solihull has been lower than both the England and West Midlands averages. However, the difference between the growth rates recorded in Solihull and the benchmarks has narrowed over time.

| Population Change 1991-2022 by Time Period | | | | |
|--|-------------------------------|----------|---------|---------------|
| Time Period | Population Change in Solihull | % Change | | |
| | | Solihull | England | West Midlands |
| 1991-2001 | -858 | -0.4% | 3.3% | 1.0% |
| 2001-2011 | +7,282 | 3.6% | 7.4% | 6.2% |
| 2011-2022 | +10,822 | 5.2% | 7.5% | 7.4% |

Source: ONS mid-year population estimates

Mid-Year Population Estimates

Population Change 1991-2022

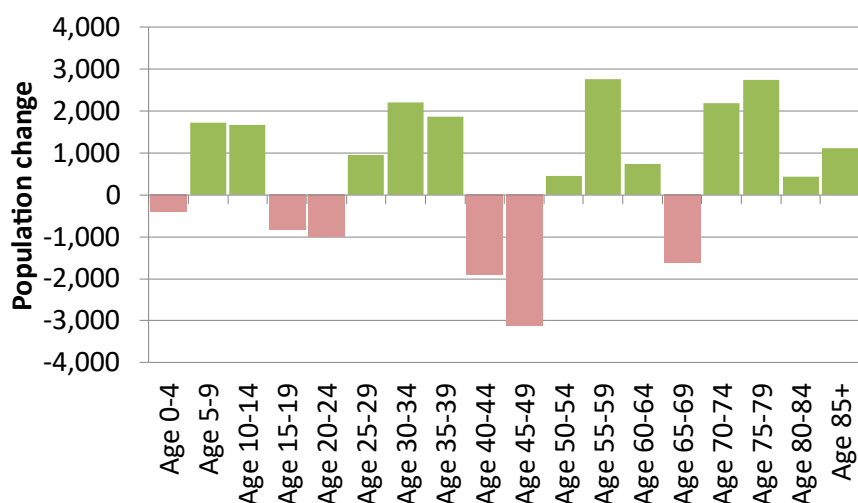


Source: ONS, mid-year population estimates

The chart below (and the table in appendix 3) shows the population Change in Solihull over the last 10 year for five year age groups.

- Population increases are evident across the age spectrum. Notable increases from a service delivery perspective include the rise in the number of school children aged 5-14 years (+3,391, +14%) and, at the other end of the spectrum, a rise in the number of residents aged 70-79 years (+4,942, +30%).
- The number of Solihull residents aged 85 and over increased by 19% (+192 people).
- There was a substantial fall in the number of 40-49 year olds over this period, most notably among those aged 45-49 years (-2,797, -19%).

Mid 2012 – Mid 2022 Population Change in Solihull



Source: ONS, mid-year population estimates

In the 10-years 2012-2022 the number of Solihull children aged 0-15 years increased by more than the England or West Midlands averages (7.5% Solihull; 4.6% England; 5.7% West Midlands).

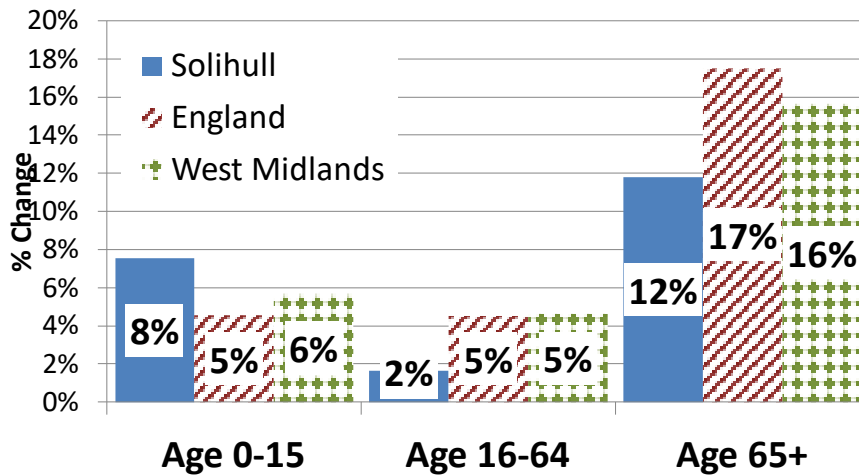
By contrast, the Solihull working age population only grew by 1.7% much slower than England (+4.5%) or the West Midlands (+4.6%).

The fastest growing section of the Solihull population were those aged 65 and over, with the number of residents increasing by 11.8% (+4,872) in the 10 years to 2022. However, growth among those aged 65+ in Solihull was lower than the England (17.5%) or West Midlands (15.6%) averages.

| | Population Change 2012-2022 | | | |
|-----------------------|-----------------------------|----------|---------|---------------|
| | Change in Number - Solihull | % Change | | |
| | | Solihull | England | West Midlands |
| All Ages | 9,949 | 4.8% | 6.7% | 6.8% |
| Children (0-15 years) | 2,973 | 7.5% | 4.6% | 5.7% |
| Working Age (16-64) | 2,104 | 1.7% | 4.5% | 4.6% |
| Older People (65+) | 4,872 | 11.8% | 17.5% | 15.6% |

Source: ONS Mid-2022 population estimates

Mid-Year 2012-2022 Population Change



Source: ONS, mid-year population estimates

Solihull Wards

Historically, the ONS has produced sub-borough mid-year population statistics for a range of small area geographies. In Solihull this comprises the 17 wards, 29 Middle Super Output Areas (MSOAs) and the 134 Lower Super Output Areas (LSOAs).

The ONS has not updated these sub-borough datasets since mid-2020. More recent small area population data is available from the 2021 Census and, although this is not entirely consistent with the borough level mid-year estimates presented in the sections above, is used here as the most recent data.

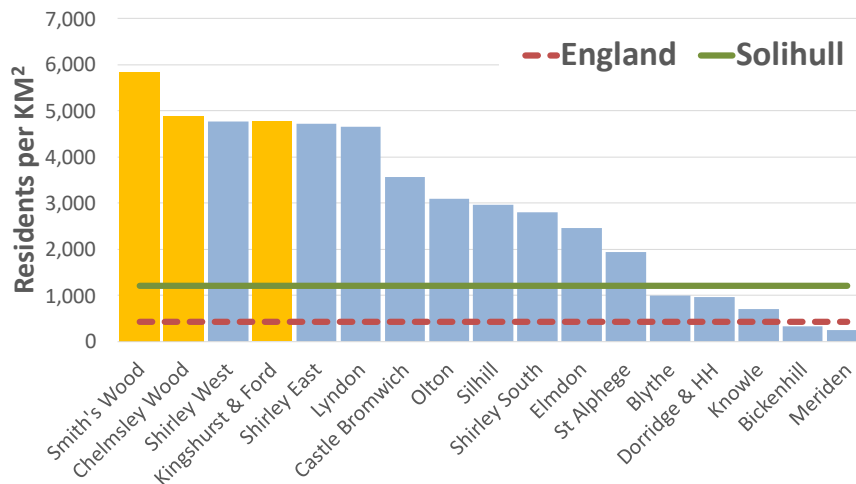
18% of the Solihull population live in the three North Solihull wards of Chelmsley Wood, Kingshurst & Fordbridge and Smith's Wood (39,589 people) and 82% in the rest of the Borough (176,641 people).

Three of the four most densely populated Solihull wards are in North Solihull, with parts of Shirley, as well as the suburbs of Lyndon, Olton, Castle Bromwich and Silhill also highly urbanised.

| Solihull Ward Population Density 2021 | | |
|---------------------------------------|------------|--|
| Ward | Population | Population Density (People per KM ²) |
| Smith's Wood | 12,987 | 5,845.9 |
| Chelmsley Wood | 13,278 | 4,876.6 |
| Shirley West | 13,037 | 4,764.5 |
| Kingshurst & Fordbridge | 13,324 | 4,763.2 |
| Shirley East | 12,017 | 4,714.4 |
| Lyndon | 13,871 | 4,649.7 |
| Castle Bromwich | 11,461 | 3,563.5 |
| Olton | 12,330 | 3,099.6 |

| | | |
|--------------------------------|--------|---------|
| Silhill | 12,559 | 2,965.3 |
| Shirley South | 12,244 | 2,806.5 |
| Elmdon | 12,322 | 2,460.7 |
| St Alphege | 13,256 | 1,931.5 |
| Blythe | 15,611 | 992.6 |
| Dorridge & Hockley Heath | 11,068 | 960.8 |
| Knowle | 11,150 | 696.0 |
| Bickenhill | 13,010 | 328.7 |
| Meriden | 12,705 | 245.4 |
| <i>Source: ONS Census 2021</i> | | |

Solihull Ward Population Density 2021



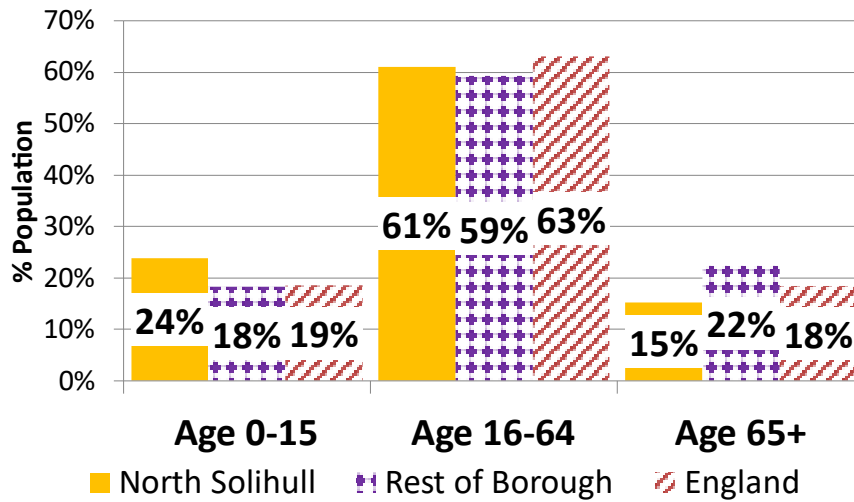
Source: ONS, Census 2021

The North Solihull population is notably younger than the rest of the borough, with a higher proportion of the population aged 0-15 years (24% vs 18% rest of borough) and fewer aged 65 and over (15% vs 22% rest of borough).

The three north Solihull wards also have a younger age profile than England as a whole.

| Population by Age Group 2021 | | | | |
|--------------------------------|----------------|-----------------|----------|---------|
| Age Group | North Solihull | Rest of Borough | Solihull | England |
| Aged 0-15 | 24% | 18% | 19% | 19% |
| Aged 16-64 | 61% | 59% | 60% | 63% |
| Aged 65+ | 15% | 22% | 21% | 18% |
| <i>Source: ONS Census 2021</i> | | | | |

Population by Age Group 2021



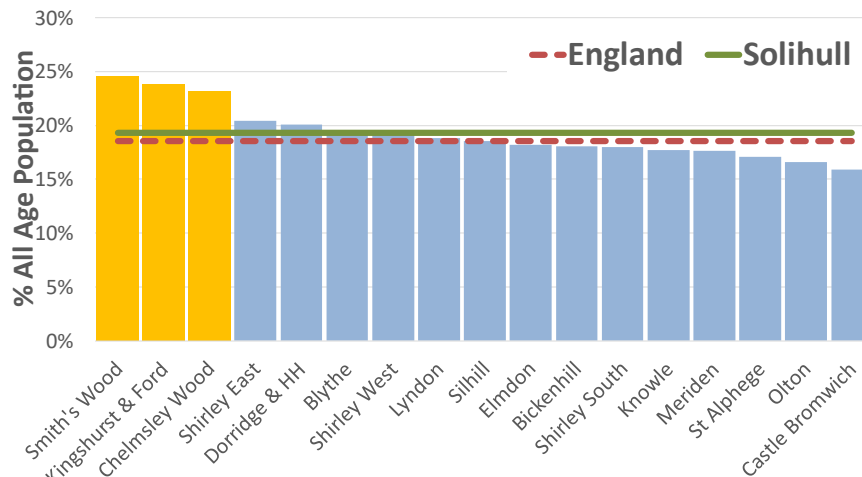
Source: ONS, mid-year population estimates

The three north Solihull wards have the highest proportion of children aged 0-15 years in the borough – with a considerable gap between Smith’s Wood (24.5%) and Shirley East (20.4%, the ward with the 4th highest proportion of children in Solihull).

At the other end of the spectrum, relatively few children live in St Alphege (17.1% of total), Olton (16.6%) and Castle Bromwich (15.9%).

Solihull Ward Population 2021

Children Aged 0-15 Years



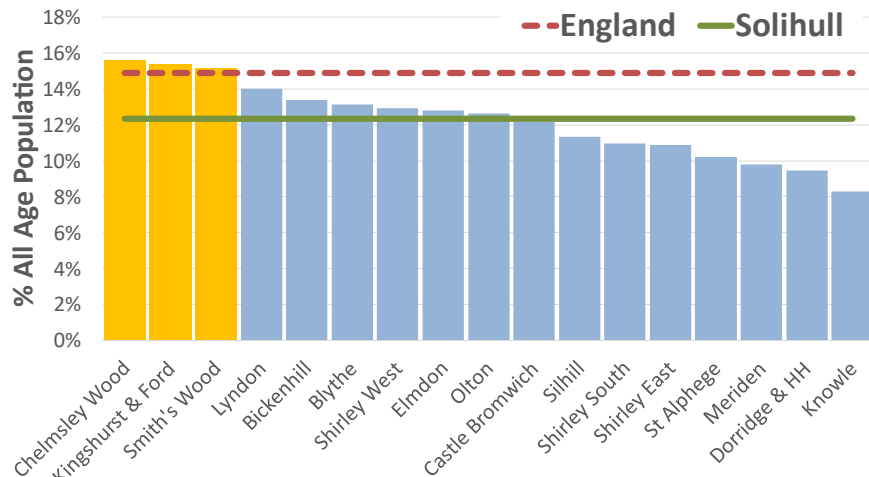
Source: ONS, Census 2021

A similar pattern is evident in relation to young adults aged 18-29 years. The three north Solihull wards have the highest proportion of young adults in Solihull (Chelmsley Wood 15.6%; Kingshurst & Fordbridge 15.4%; Smith’s Wood 15.1%).

At the other end of the spectrum relatively few young adults live in Meriden (9.8% of total), Dorridge & Hockley Heath (9.5%) or Knowle (8.5%).

Solihull Ward Population 2021

Young People Aged 18-29 Years



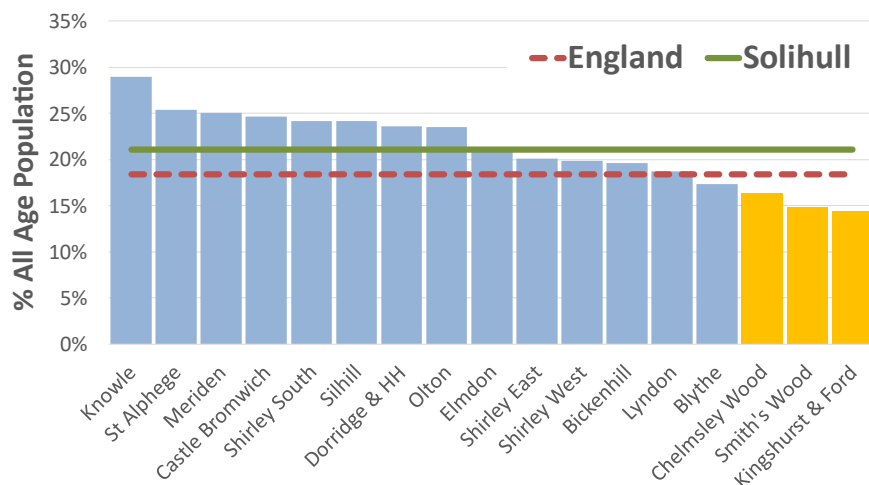
Source: ONS, Census 2021

Knowle has by far the largest proportion of people aged 65 and over living in the ward (29% of total) with relatively high rates also evident in St Alphege (25.4%) and Meriden (25.1%).

The fewest number of older people aged 65+ live in the three north Solihull wards (Chelmsley Wood 16.3%; Smith's Wood 14.8%; Kingshurst & Fordbridge 14.4%). Although it should be noted that these three as well as Blythe are the only four wards in Solihull with a lower 65+ population than England.

Solihull Ward Population 2021

Older People Aged 65 Years and Over



Source: ONS, Census 2021

Appendix 1

How are Population estimates calculated?

The basis for population statistics is the Census, which is carried out every 10 years. The Office for National Statistics (ONS) produces population estimates annually during the period between Censuses. Estimates are produced for each local authority. They show the composition of the population by age and sex. They relate to the position at the end of June, and so are termed Mid-Year.

The resident population of an area includes all people who usually live there, whatever their nationality. However, short-term residents are not included. A student is counted as resident at their term-time address. The population estimates are produced by the 'cohort component' method. This takes the population at the previous mid-year and adds a year to the age of each resident. The new population is estimated by:

- Adding births during the year.
- Subtracting the number of residents who died during the year.
- Adding in-migrants into the area and deducting out-migrants.

Data on births and deaths are basically reliable. There is no system for recording migration. Migration within the UK is estimated using data from registrations with NHS General Practitioners. It is believed that some groups, such as young men, are likely to delay re-registering after a change of address. This may affect university cities, where students may remain on a GP's register after leaving the area. Data on international migration is calculated using the International Passenger Survey (ISP). These estimates are supplemented by administration sources. Migration statistics are the least reliable component of population estimates.

Appendix 2

Solihull Population by Age Group 2022

| | Solihull Population by 5 Year Age Group 2022 | | | | |
|--|---|---------|---------|---------|--------|
| | Number | | | % Total | |
| | Total | Male | Female | Male | Female |
| All People | 217,678 | 105,819 | 111,859 | 5.6% | 5.0% |
| Age 0 - 4 | 11,500 | 5,921 | 5,579 | 6.7% | 6.0% |
| Aged 5-9 | 13,761 | 7,056 | 6,705 | 7.0% | 6.2% |
| Aged 10-14 | 14,384 | 7,422 | 6,962 | 6.2% | 5.2% |
| Aged 15-19 | 12,310 | 6,518 | 5,792 | 5.2% | 4.4% |
| Aged 20-24 | 10,453 | 5,511 | 4,942 | 5.5% | 5.4% |
| Aged 25-29 | 11,911 | 5,851 | 6,060 | 5.8% | 6.2% |
| Aged 30-34 | 13,156 | 6,182 | 6,974 | 5.9% | 6.5% |
| Aged 35-39 | 13,486 | 6,261 | 7,225 | 6.1% | 6.1% |
| Aged 40-44 | 13,357 | 6,497 | 6,860 | 5.9% | 6.1% |
| Aged 45-49 | 13,022 | 6,238 | 6,784 | 7.2% | 7.1% |
| Aged 50-54 | 15,554 | 7,631 | 7,923 | 7.0% | 6.9% |
| Aged 55-59 | 15,125 | 7,379 | 7,746 | 6.2% | 6.2% |
| Aged 60-64 | 13,513 | 6,562 | 6,951 | 5.1% | 5.1% |
| Aged 65-69 | 11,056 | 5,358 | 5,698 | 4.9% | 5.3% |
| Aged 70-74 | 11,173 | 5,212 | 5,961 | 4.5% | 5.0% |
| Aged 75-79 | 10,361 | 4,734 | 5,627 | 2.7% | 3.3% |
| Aged 80-84 | 6,627 | 2,906 | 3,721 | 2.4% | 3.9% |
| Aged 85+ | 6,929 | 2,580 | 4,349 | 5.6% | 5.0% |
| Broad Age Groups | | | | | |
| Aged 0 to 15 | 42,407 | 21,863 | 20,544 | 20.7% | 18.4% |
| Aged 16 to 64 | 129,125 | 63,166 | 65,959 | 59.7% | 59.0% |
| Aged 65+ | 46,146 | 20,790 | 25,356 | 19.6% | 22.7% |
| All People | 217,678 | 105,819 | 111,859 | | |
| <i>Source: ONS Mid-2022 Population Estimates</i> | | | | | |
| <i>Numbers may not add due to rounding</i> | | | | | |

Appendix 3

Solihull Population by Growth by Age Group 2012-2022

| | 10-Year Population Growth by Age Band | | | |
|--------------|--|--------------------|---------|---------------|
| | Change in Number Solihull | % Change 2012-2022 | | |
| | | Solihull | England | West Midlands |
| Aged 0-4 | -409 | -3.4% | -9.4% | -7.0% |
| Aged 1 - 4 | 1,718 | 14.3% | 8.3% | 9.5% |
| Aged 5 - 9 | 1,673 | 13.2% | 16.5% | 16.4% |
| Aged 10 - 14 | -833 | -6.3% | 0.3% | 0.6% |
| Aged 15 - 19 | -1,004 | -8.8% | -5.0% | -4.7% |
| Aged 20 - 24 | 956 | 8.7% | 2.0% | 2.8% |
| Aged 25 - 29 | 2,201 | 20.1% | 10.3% | 15.1% |
| Aged 30 - 34 | 1,871 | 16.1% | 12.2% | 14.9% |
| Aged 35 - 39 | -1,910 | -12.5% | -4.4% | -7.5% |
| Aged 40 - 44 | -3,128 | -19.4% | -11.4% | -13.0% |
| Aged 45 - 49 | 446 | 3.0% | 9.6% | 11.5% |
| Aged 50 - 54 | 2,757 | 22.3% | 26.2% | 24.1% |
| Aged 55 - 59 | 739 | 5.8% | 12.3% | 9.9% |
| Aged 60 - 64 | -1,622 | -12.8% | 1.3% | -1.6% |
| Aged 65 - 69 | 2,194 | 24.4% | 29.6% | 23.7% |
| Aged 70 - 74 | 2,748 | 36.1% | 34.2% | 32.5% |
| Aged 75 - 79 | 435 | 7.0% | 11.9% | 13.9% |
| Aged 80 - 84 | 1,117 | 19.2% | 16.9% | 19.5% |
| Aged 85+ | -409 | -3.4% | -9.4% | -7.0% |
| All Ages | 9,949 | 4.8% | 6.7% | 6.8% |

Source: ONS Mid-year population estimates