

2008 Based Population Projections

The Office for National Statistics has released its latest Population Projections for the next 25 years. They are based on the 2008 mid-year population estimates and project as far as the year 2033. The source of the data throughout this report is the Subnational Statistics Unit, ONS: Crown Copyright.

Definition

Long term subnational population projections are an indication of the future trends in population by age and sex. They are trend based projections, which means assumptions for future levels of births, deaths and migration are based on observed levels mainly over the previous five years. They show what the population will be if recent trends in these continue. The projections do not take into account any local development policy, economic factors or the capacity of areas to accommodate the population. The projections provide the population levels and age structure that would result if the assumptions about future fertility, mortality and migration levels were realised.

The next 10 years – 2008 to 2018

The population of all Government Office Regions is projected to rise over the 10 year period 2008 to 2018. The East is projected to be the fastest growing English region at 10%. The West Midlands is projected to increase by 5.2% - a growth of 281,000 residents.

East Staffordshire's population is projected to increase by 6.2% by 2018 - a growth of 6,700 residents in this 10 year period. This is above the West Midlands (5.2%) and Staffordshire (4.2%) projected growth rates.

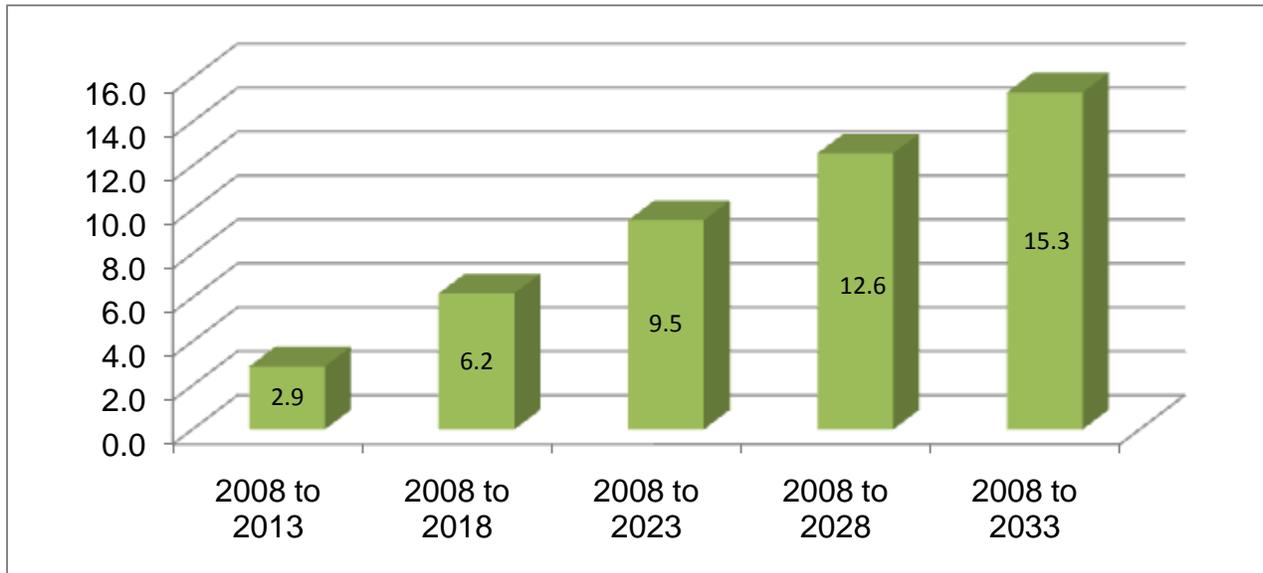
The next 25 years – 2008 to 2033

It should be noted that there is a greater degree of uncertainty the further ahead the projection is made, particularly for smaller geographical areas, such as local authorities.

East Staffordshire's population in 2008 was estimated to be 108,200 and was projected to increase to 108,800 by mid 2009. The latest ONS mid-year population estimate is for 2009 and is a figure of 108,800 for the Borough, which is in line with the 2008 based projections. In the first five years of the projections (by 2013) the local population is predicted to increase by 2.9% to around 111,300 residents. This sets the scene for the

whole of the projected period and if recent trends continue it is thought that the population of East Staffordshire will continue to increase and reach a high of 124,800 by the year 2033. This is an increase of 15.3% over the 25 year period and represents an additional 16,600 residents.

Figure 1: Projected Increase in East Staffordshire's Population (%) Over 25 Years



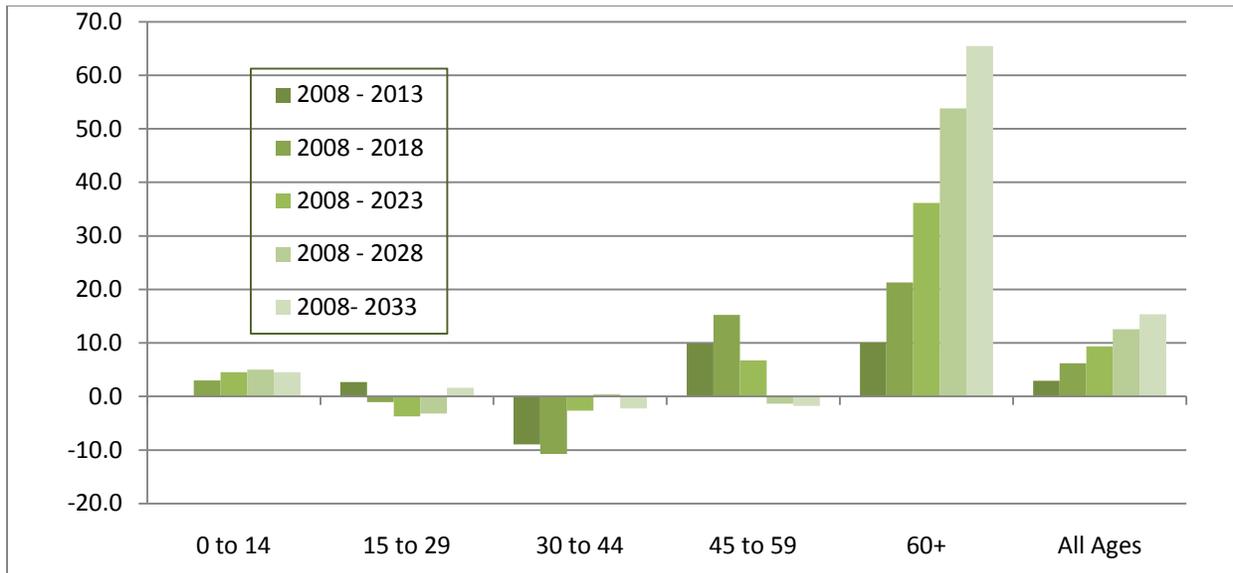
Population Projections by Broad Age Groups

This predicted growth for the total population can be broken down into age groups where there is significant variation – not all the age groups are predicted to increase in size. As the graph below clearly shows there is a very large increase expected in the number of residents aged 60 and above. In 2008 an estimated 24,900 people living in East Staffordshire were aged 60+ and by 2033 it is thought this figure will increase by 65.5% to 41,200 residents.

In contrast the number of residents aged 30 to 44 years is thought to decrease from 22,400 in 2008 to 21,900 by 2033, which represents a loss of around 500 residents or - 2.2%. However, over the first 10 years the loss of residents in this age group is predicted to be much greater – a decline of 10.7% or 2,400 people.

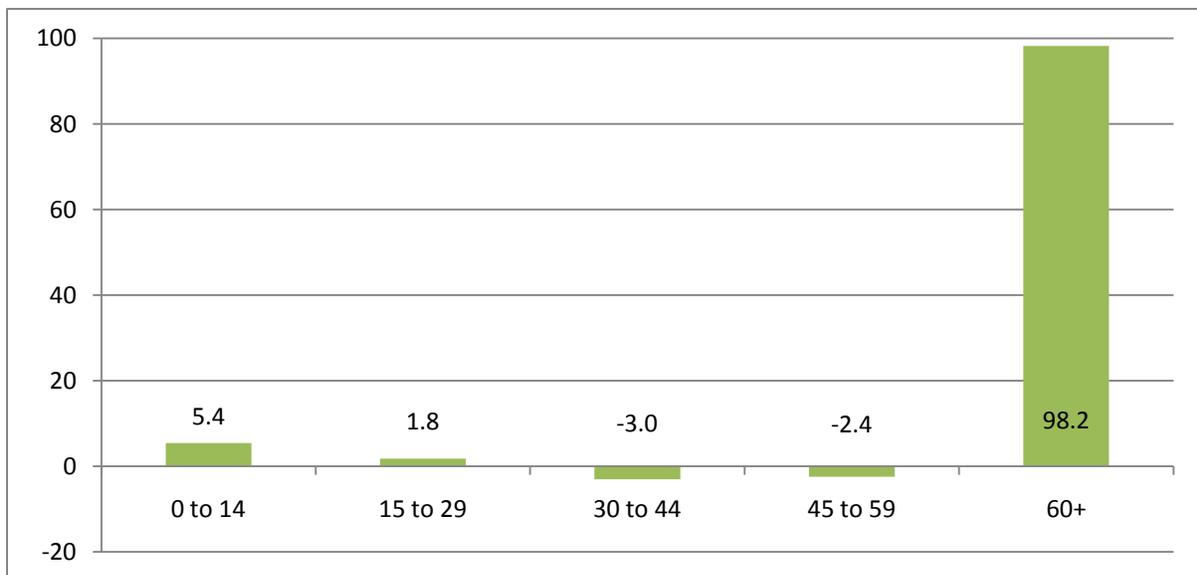
The young adult age group, the 15 to 29 year olds, is expected to increase slightly initially (by 2013), and also over the whole 25 year period, however, there is a predicted fall in numbers over the first 10 years, from 18,700 in 2008 to 18,500 by 2018. It is predicted to continue to fall throughout the first 20 years, with a rise in the last five years, to reach a total of 19,000 residents by 2033.

Figure 2: Population Projections by Broad Age Group & Quinary Periods (%)



The 60+ age group is predicted to account for 98.2% of the increasing population. This is illustrated in the graph below. In other words of the extra 16,600 people thought to be resident in the Borough by 2033, the vast majority (16,300) will be aged 60 or over. In contrast there is only small growth predicted in the 0 to 14 years (accounting for 5.4% of total growth) and 15 to 29 years (accounting for 1.8% of total growth) and an actual decrease in the proportion of residents aged 30 to 44 years (-3.0%) and 45 to 59 years (-2.4%).

Figure 3: % of Total Population Growth by Age Groups - 2008 to 2033



Quinary Age Groups

The age groups can be broken down further which reveals even more variation in the predicted growth rates over the next 25 years. The table below shows the population projections for East Staffordshire by quinary age groups. The figures shown are in thousands. As stated above the total population is predicted to increase from 108,200 in 2008 to 124,800 by 2033 – a growth of 15.3%. However, the number of residents aged 85 to 89 is predicted to increase by a huge 171% from 1,400 in 2008 to 3,800 in 2033. More dramatic still is the predicted increase in the very elderly – those aged 90+. These residents are predicted to quadruple. An increase of 343% from around 700 residents in 2008 to 3,100 by 2033. In fact, as the table below shows significant growth is predicted for all quinary age groups aged 60 and over.

In contrast there is a predicted loss in the number of 15 to 19 year olds (-5.6%) and in every quinary age group between 35 and 54, with the greatest loss being in the 40 to 44 year age group (-8.0%).

Table 1: Population Projections by Quinary Age Groups

	Thousands										% Change 2008 to 2033
	2008	2009	2010	2011	2012	2013	2018	2023	2028	2033	
0-4	6.6	6.7	6.8	6.8	6.8	6.8	6.8	6.9	6.8	6.7	1.5%
5-9	6.3	6.3	6.4	6.4	6.5	6.7	6.9	6.9	7.0	6.9	9.5%
10-14	7.0	6.8	6.6	6.5	6.5	6.4	6.8	7.0	7.1	7.2	2.9%
15-19	7.2	7.1	7.0	6.9	6.7	6.6	6.0	6.5	6.7	6.8	-5.6%
20-24	5.7	5.8	5.8	5.9	6.0	5.9	5.5	5.0	5.4	5.7	0.0%
25-29	5.8	6.0	6.1	6.3	6.5	6.7	7.0	6.5	6.0	6.5	12.1%
30-34	5.7	5.6	5.7	5.8	6.0	6.2	7.1	7.4	6.9	6.5	14.0%
35-39	7.9	7.6	7.3	6.8	6.4	6.1	6.6	7.5	7.8	7.3	-7.6%
40-44	8.8	8.9	8.6	8.6	8.4	8.1	6.3	6.9	7.8	8.1	-8.0%
45-49	8.4	8.5	8.7	8.8	8.9	9.0	8.3	6.5	7.1	8.1	-3.6%
50-54	7.3	7.5	7.7	8.0	8.2	8.4	9.1	8.4	6.6	7.2	-1.4%
55-59	6.6	6.6	6.6	6.7	6.9	7.1	8.3	8.9	8.3	6.6	0.0%
60-64	6.8	6.9	6.9	6.9	6.6	6.4	6.9	8.0	8.7	8.1	19.1%
65-69	5.2	5.4	5.6	5.8	6.3	6.5	6.2	6.6	7.7	8.4	61.5%
70-74	4.5	4.5	4.6	4.6	4.6	4.8	6.1	5.8	6.3	7.3	62.2%
75-79	3.7	3.7	3.8	3.8	3.9	4.0	4.4	5.6	5.4	5.8	56.8%
80-84	2.6	2.6	2.7	2.8	2.9	3.0	3.3	3.7	4.9	4.7	80.8%
85-89	1.4	1.5	1.5	1.5	1.6	1.7	2.0	2.4	2.9	3.8	171.4%
90+	0.7	0.8	0.8	0.9	0.9	1.0	1.3	1.8	2.4	3.1	342.9%
All ages	108.2	108.8	109.4	110.0	110.7	111.3	114.9	118.5	121.8	124.8	15.3%

Figure 4: Comparisons with the UK Average for selected Age Groups - 2010

<p>Population Aged 65 & Over</p> <p>As the graph opposite illustrates East Staffordshire has a larger proportion of its residents aged 65 and over compared to the UK average. The 2010 figure of 17.2% is 0.7% above the UK value of 16.5%.</p>	<p>40.8 2010 UK 5.8 1992 2031</p> <ul style="list-style-type: none"> East Staffordshire (2010) = 17.2 per cent (0.7 per cent more than the UK value of 16.5 per cent)
<p>Population Aged 16 to 49</p> <p>In contrast the proportion of residents within East Staffordshire aged 16 to 49 in 2010 is below the UK average. This age group represents a large proportion of the working age population.</p>	<p>65 2010 UK 25.3 1992 2031</p> <ul style="list-style-type: none"> East Staffordshire (2010) = 44.4 per cent (2.4 per cent less than the UK value of 46.8 per cent)
<p>Median age</p> <p>Median age is the figure at which half the population is older and half younger. East Staffordshire's population in 2010 has a median age of 41.5 years which is almost 2 years more than the UK value of 39.6 years.</p>	<p>59.9 2010 UK 27.1 1992 2031</p> <ul style="list-style-type: none"> East Staffordshire (2010) = 41.5 years (1.9 years more than the UK value of 39.6 years)

Population Pyramids for East Staffordshire – 1991, 2008, 2033

The pyramid graphs below illustrate how the population of East Staffordshire has so far changed and is predicted to further change. In 1991 the local population formed more of a triangular shaped pyramid, with numbers decreasing as age increased, and females significantly outnumbering males in the elderly population. By 2008 the pyramid shows a narrowing of the younger age groups and a bulge in middle ages, with an increase in the number of elderly male residents, and a decrease in younger residents. By 2033 the pyramid predicts a much flatter structure, as the number of older residents catches up with the number of younger ones.

Figure 5: Population Pyramids for East Staffordshire – 1991, 2008, 2033



Gender and Population Change

The table below looks at the predicted population change by gender. Of the 16,600 extra residents in the Borough by the year 2033 it is thought that around 9,200 will be male and 7,400 will be female.

Males: The number of males is predicted to increase in every age group over the 25 year period with the exception of those aged 45 to 59, where a small decrease (-0.9%) is expected. Significant growth of 73% is predicted for males aged 60 and over. The

medium term picture (over the first 10 years) is slightly different – there is expected to be a fall in males aged 15 to 29 and also those aged 30 to 44 years.

Table 2: Population Projections by Gender Over 10 Years & 25 Years

Males	2008	2018	2033	2008-2018	2008-2033
	Thousands			% Change	
0 to 14	10	10.4	10.6	4.0	6.0
15 to 29	9.8	9.7	10	-1.0	2.0
30 to 44	11.2	10.3	11.4	-8.0	1.8
45 to 59	11.3	12.8	11.2	13.3	-0.9
60+	11.2	14.2	19.4	26.8	73.2
All Ages	53.5	57.4	62.6	7.3	17.0
Females	2008	2018	2033	2008-2018	2008-2033
	Thousands			% Change	
0 to 14	9.7	10.1	10.2	4.1	5.2
15 to 29	8.9	8.8	9.0	-1.1	1.1
30 to 44	11.4	9.8	10.5	-14.0	-7.9
45 to 59	10.9	12.8	10.7	17.4	-1.8
60+	13.7	16.4	21.9	19.7	59.9
All Ages	54.6	57.9	62.3	6.0	14.1

Figures will not always sum due to rounding

Females: The number of females is predicted to increase in 3 of the 5 age groups over the 25 year period, with a predicted decrease in those aged 30 to 44 and 45 to 59. As with the male population there is significant growth of 60% predicted for females aged 60 and over. The medium term picture (over the first 10 years) is similar to that of males – there is expected to be a fall in females aged 15 to 29 and also those aged 30 to 44 years.