



Census 2011 Report

Population

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Key Findings

In Derby:

- In June 2012, the population was estimated to be 250,600
- The overall population increase between 2002 and 2012 was 8,600 (8.0%).
- In 2011, the population density was 3,192 people per square km.
- In 2011, 64.4% of the population were aged 16 to 64.
- There are a significantly higher percentage of people in the 20-24 (8.0%) and 25-29 (7.3%) age bands than the East Midlands and England.
- The 45-64 (23.1%) and 65 plus (15.2%) age bands make up a significantly lower percentage of the resident population than in both the East Midlands and England.
- The 65 plus population is projected to increase by 13.4% by 2021.
- The average annual percentage population change over the past 5 years is 0.9%, which compares with 0.8% in East Midlands and 0.8% in England.
- The population is projected to increase to 274,300 by 2021.
- On Census day 2011, 199,800 people (80.3%) were White and 49,000 Non-White (19.7%).
- The greatest number of non-white people were Asian/Asian British (12.5% of the total population), this compares with 6.5% of the total population for East Midlands for this broad ethnic group.

1.0 Introduction

The Office for National Statistics (ONS) conducted the latest Census on 27 March 2011. 92% of people in Derby responded to the Census.

2.0 Population Estimates by Broad Age Band 2002 - 2012

In 2012, Derby had a population of 250,600. The overall population increase between 2002 and 2012 was 18,600 (8.0%). The average annual population increase was 1,900. The rate of increase grew between 2007 and 2012 with highs of 2,100 between 2008 and 2009 and 3,000 between 2009 and 2010.

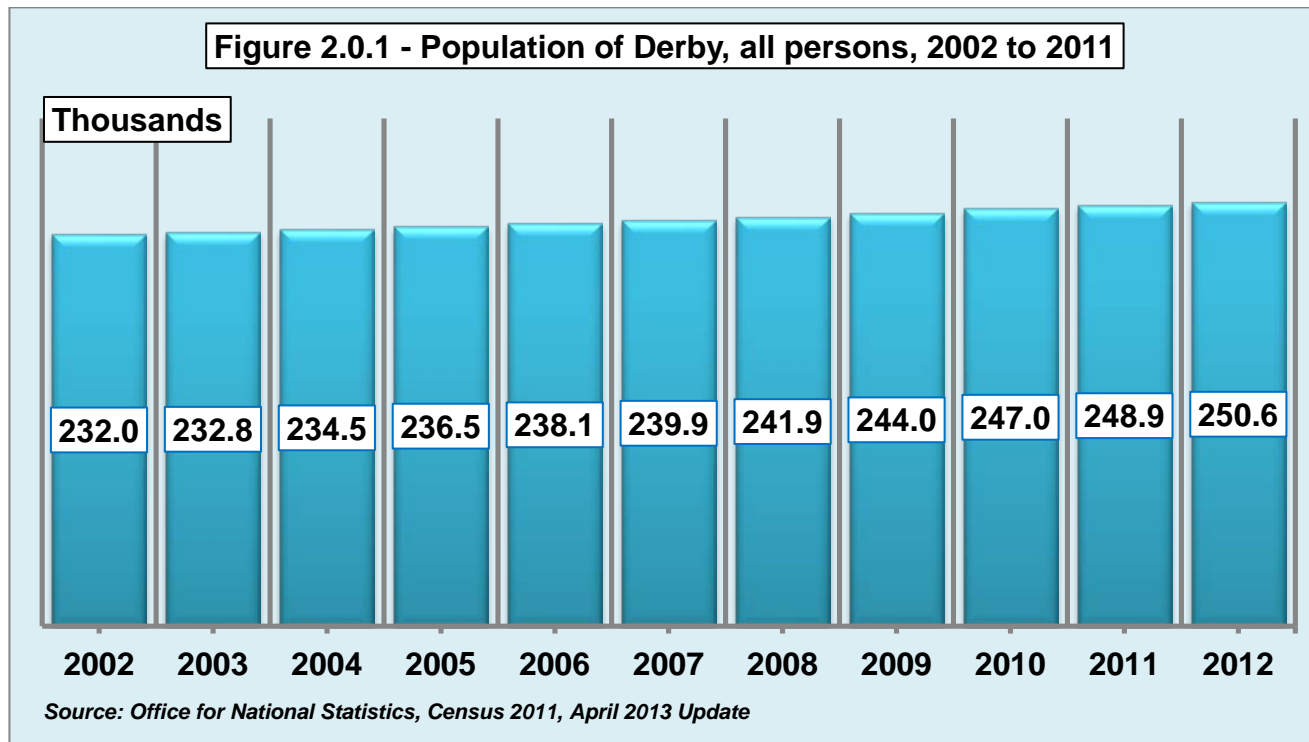


Table 2.0.1 shows that the population within the 0-15 broad age band in Derby increased by 2,800 between 2002 and 2011. As a proportion of the population, this age range has grown significantly this is predominantly due to an increasing birth rate.

Table 2.0.1 - Population by broad age band (thousands)

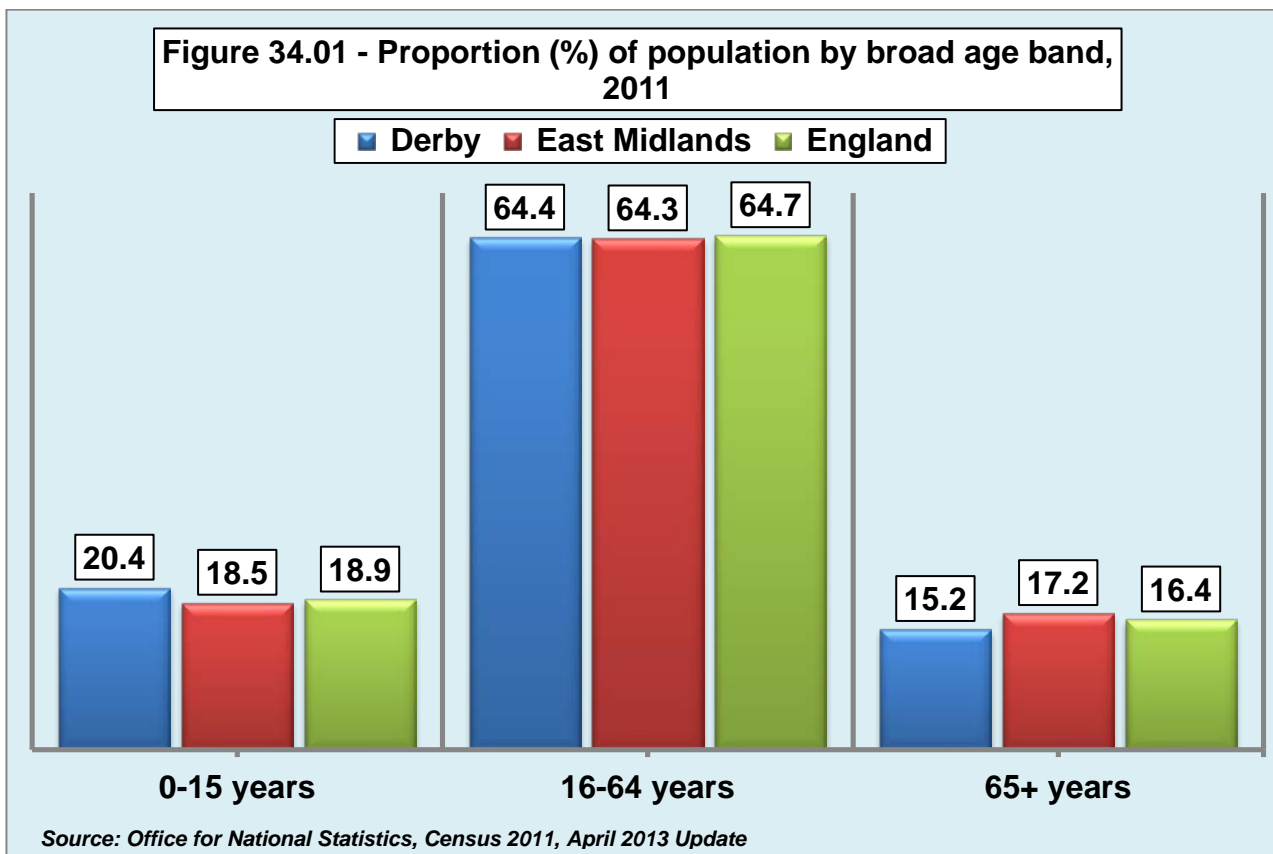
	Broad Age Band	2002	2003	2004	2005	2006	2009	2010	2011
Derby	All persons	232.0	232.8	234.5	236.5	238.1	244.0	247.0	248.9
	0–15 years	47.9	47.9	48.0	48.1	48.1	49.4	50.0	50.7
	16–64 years	147.2	148.0	149.6	151.3	153.1	157.3	159.4	160.3
	65+ years	36.9	37.0	37.0	37.1	36.9	37.2	37.6	37.9
	All persons	4,221.8	4,255.1	4,291.5	4,329.1	4,366.7	4,471.7	4,507.1	4,537.4
East Midlands	0–15 years	835.7	834.0	831.3	829.2	828.0	833.1	835.3	838.7
	16–64 years	2,706.0	2,734.2	2,766.4	2,799.5	2,833.5	2,893.5	2,908.9	2,919.2
	65+ years	680.1	686.9	693.8	700.4	705.2	745.1	762.9	779.6
	All persons	49,679.3	49,925.5	50,194.6	50,606.0	50,965.2	52,196.4	52,642.5	53,107.2
England	0–15 years	9,868.3	9,849.0	9,819.2	9,808.2	9,802.9	9,903.9	9,960.8	10,030.1
	16–64 years	31,930.1	32,147.5	32,399.6	32,769.8	33,107.7	33,892.3	34,117.9	34,347.4
	65+ years	7,880.8	7,929.2	7,975.8	8,028.0	8,054.5	8,400.3	8,563.7	8,729.7
	All persons								

Source: Office for National Statistics, Census 2011, April 2013 Update

3.0 Proportion of Population by Broad Age Group

Derby, the East Midlands and England show similarities in respect to population age structure, for example, the proportion of 16-64 year olds differs little from the regional and national results, however:

- In Derby a higher proportion of the population is occupied by 0-15 year olds
- Derby has a lower proportion of people in the 65 plus age band. Despite this, the 65 plus population in Derby has shown regular growth increments between 2002 and 2011 (see Table 2.2).



4.0 Change in Population by Broad Age Band

Between 2002 and 2011, Derby had an increase in population of 17,000 (7.3%). This compares with a regional increase of 7.5% and national increase of 6.9%.

In Derby the increase in the number in the 0-15 age band is very significant with 2,800 (5.8%), this is 5.4% higher than the region and 4.2% higher than England.

The percentage change in Derby's 65 plus population differs significantly from the regional and national results with a 2.8% increase compared to 14.6% in the East Midlands and 10.8% in England.

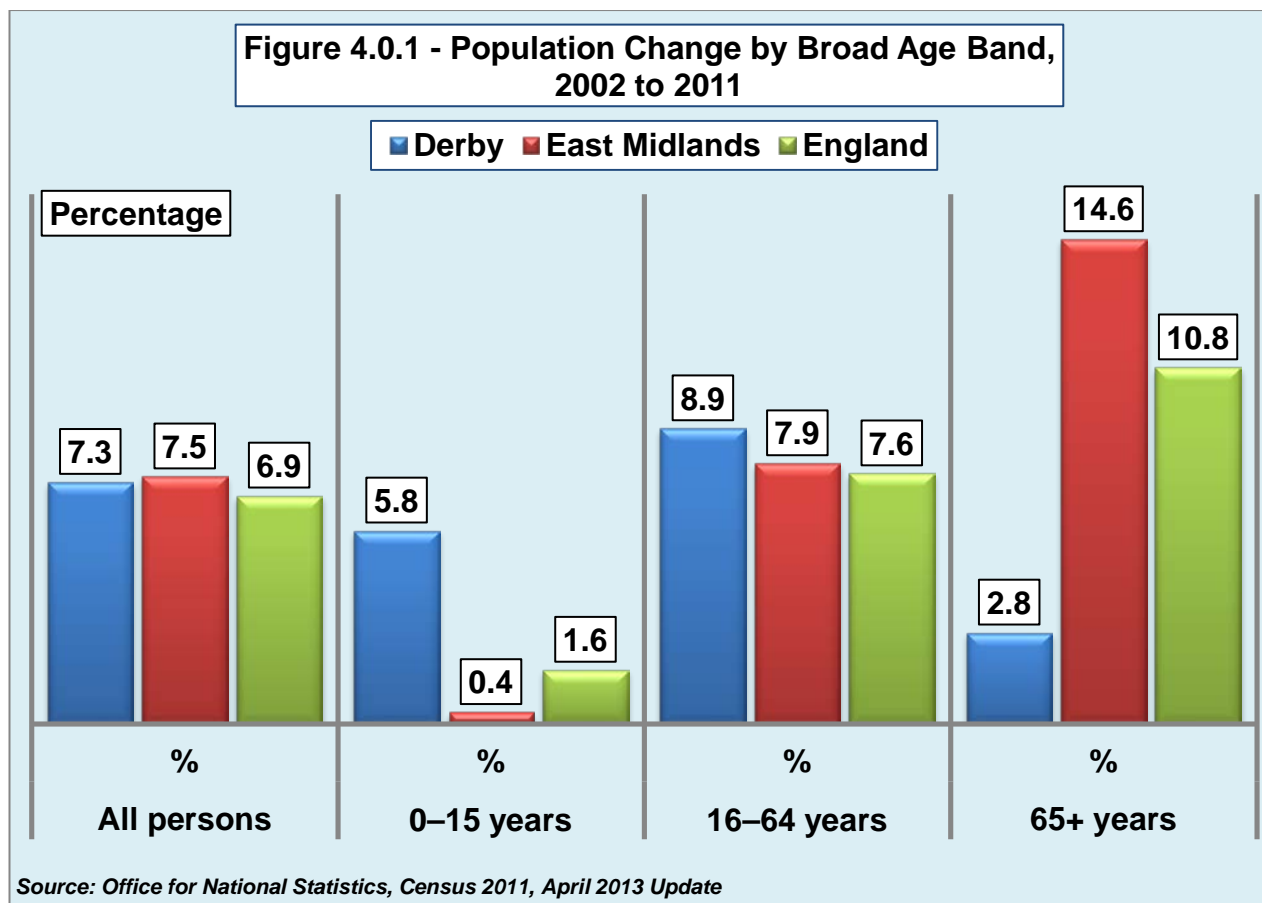
Despite the proportional differences in the 65 plus population, section eight identifies that Derby does have an older population projected to increase significantly by 2021.

	All persons	0–15 years	16–64 years	65+ years
	Thousands			
Derby	17.0	2.8	13.1	1.0
East Midlands	315.7	3.0	213.1	99.6
England	3,427.9	161.8	2,417.3	848.9

Source: Office for National Statistics, Census 2011, April 2013 Update

	All persons	0–15 years	16–64 years	65+ years
	%			
Derby	7.3	5.8	8.9	2.8
East Midlands	7.5	0.4	7.9	14.6
England	6.9	1.6	7.6	10.8

Source: Office for National Statistics, Census 2011, April 2013 Update



5.0 Population by Gender and Five Year Age Band

Despite differences in population size, Derby and the East Midlands have very similar, population structures.

The most significant age bands within both of these population structures are the 40-44 and 45-49 age bands; these represent a significant population spike.

This population spike is of significance because as it ages on, it is likely to contribute to significant increases in older age groups; this is more likely due to improvements in health care and subsequent longer life expectancy.

Derby also has high numbers of people in the 15-29 age band, this reflects the regional picture. However, Derby has a significantly higher proportion of 20-24 year olds, which is potentially due to recent migration trends that have been dominated by males in the 20-24 and 25-29 age ranges.

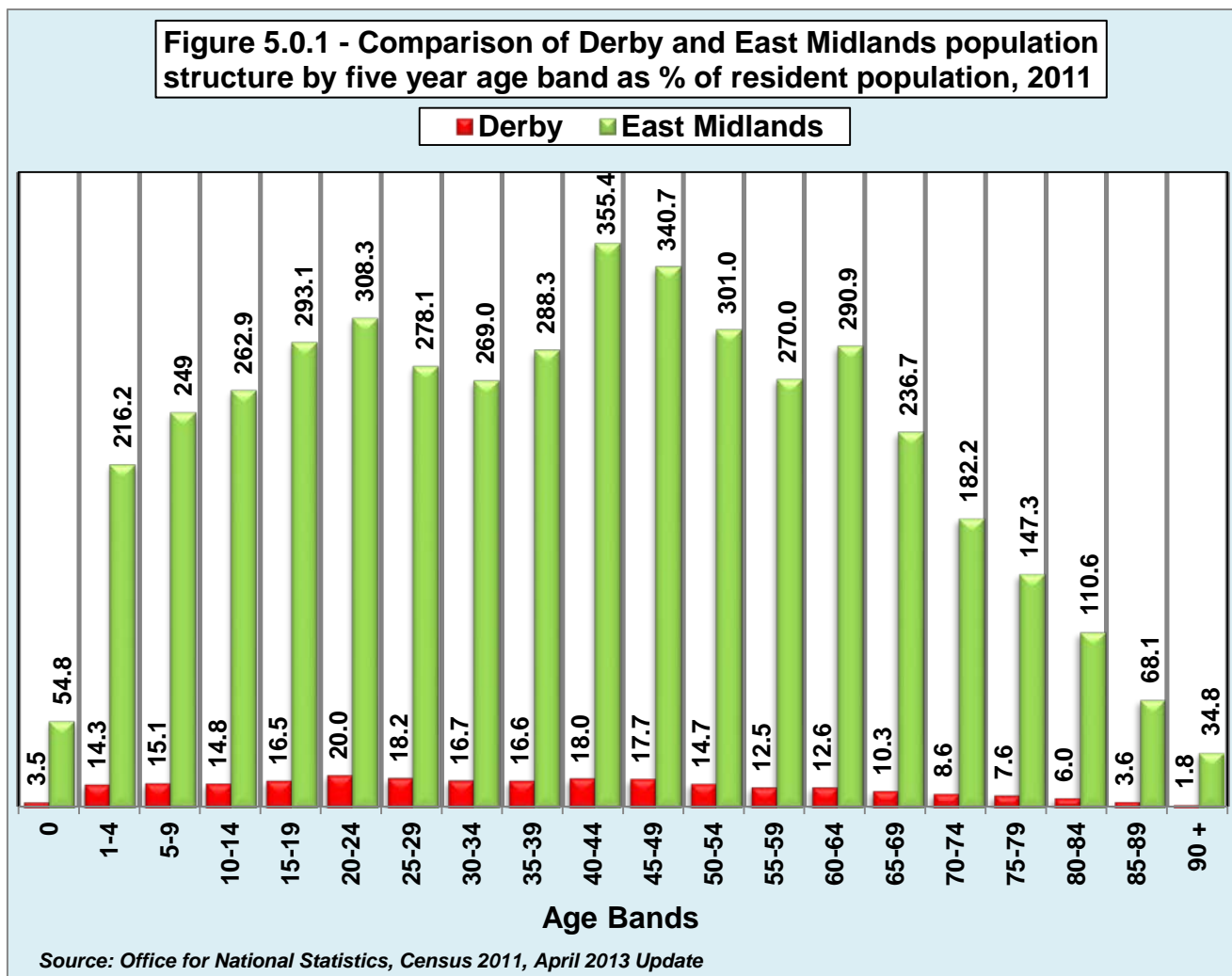
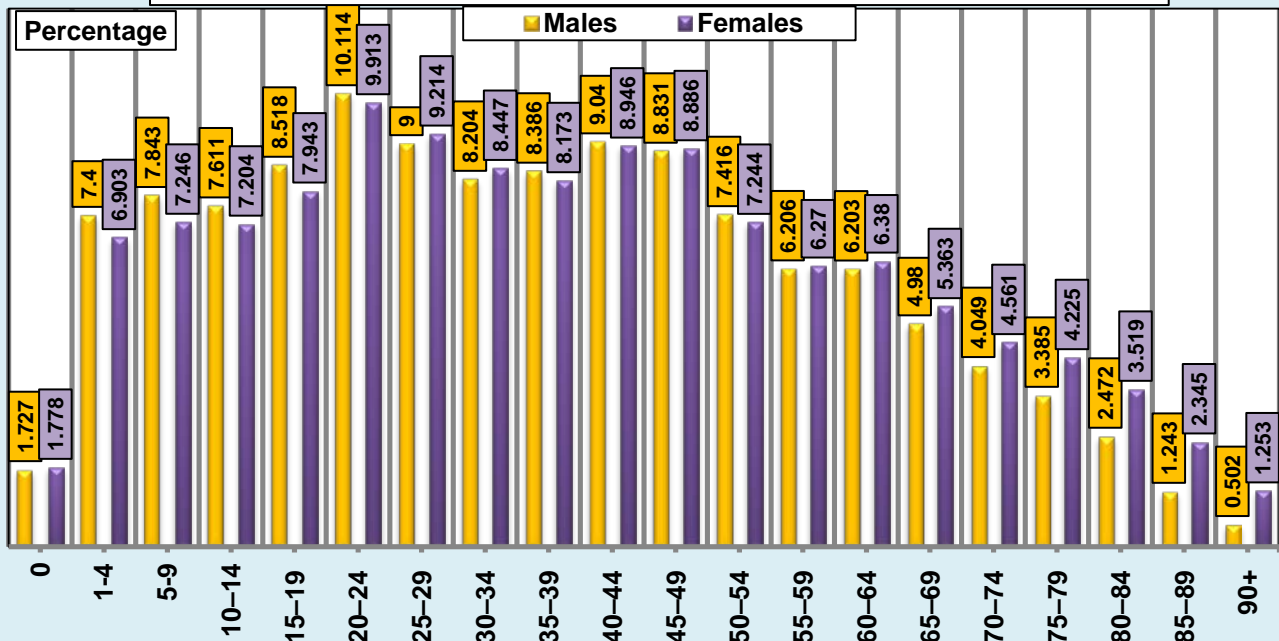


Figure 5.0.2 illustrates that in 2011 the population by gender and age band in Derby is a very typical population structure and bears strong similarities to the region and England. These similarities are particularly evident in the age bands beyond 45 years in that the proportion of males and females remain broadly similar. The proportion of males and females changes significantly after the age of 60 due to the longer life expectancy of females. The latter is particularly significant in the 85-89 and 90 plus populations where the number of males is approximately half that of females.

The 1-4 and 20-24 age bands in Derby reveal a notable imbalance with higher numbers of males than females. For example, the proportion of males in the 1-4 population is approximately 500 higher than the female population. Although this may seem to be a comparatively small number, it is significant enough to identify that something is impacting

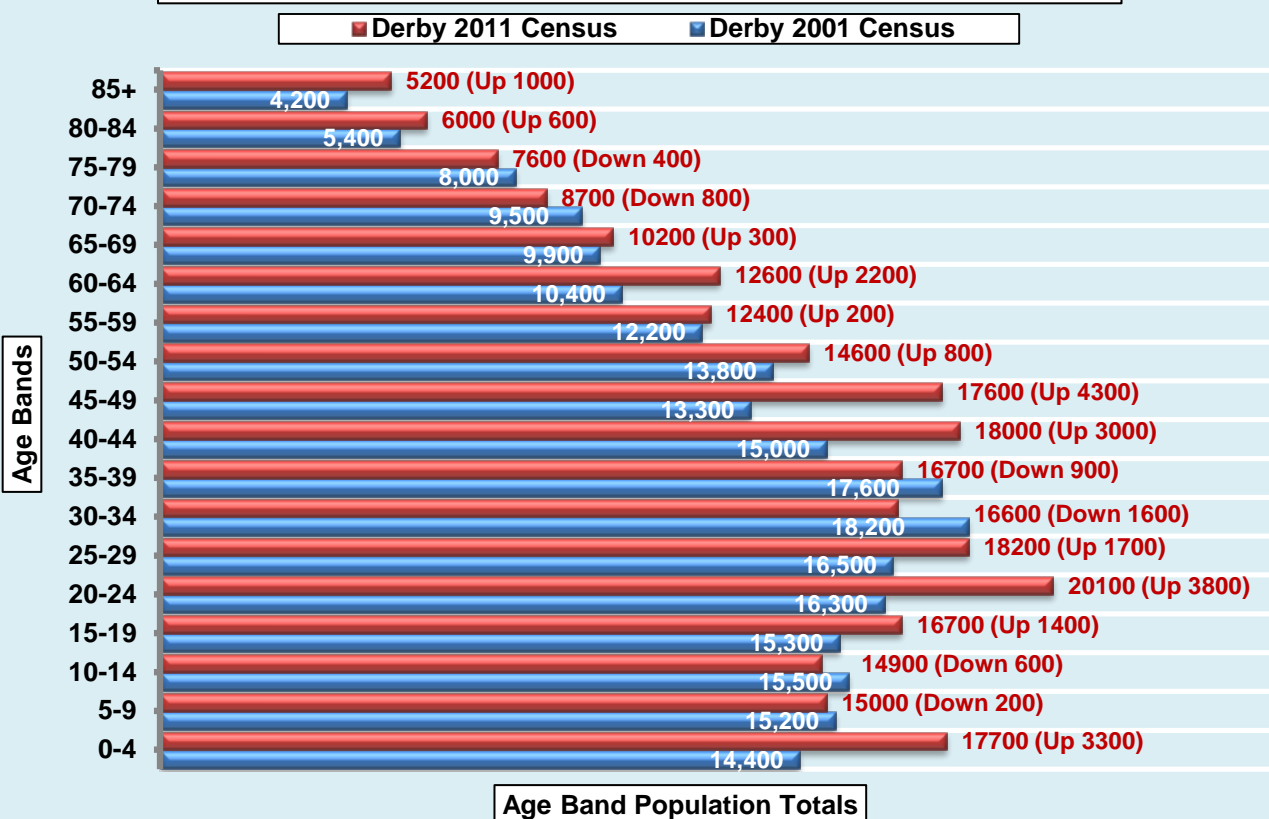
upon the natural population gender balance that should see little difference between the proportion of males and females. In this case, it is likely that the 1-24 age bands have been affected by male dominated migration as well as an increase in the number of migrants bringing their children into the city.

Figure 5.0.2 - Population by gender and five year age band, Derby, 2011



Source: Office for National Statistics, Census 2011, April 2013 Update

Figure 5.0.3 - 2001 - 2011 Population Change by Five Year Age Band



6.0 Population by Custom Broad Age Band

In Derby, all age bands from 0-29 make up a higher percentage of the population than in the region or nationally. Some, such as 0-15 (20.4%) and 20-24 (8.0%) are substantially higher.

Table 6.0.1 - Population by custom broad age band								
	All persons	0–15	16–19	20–24	25–29	30–44	45–64	65+
	Population							
Derby	248,900	50,700	13,400	20,000	18,200	51,200	57,400	37,900
East Midlands	4,537,400.0	838,700.0	237,400.0	308,300.0	278,100.0	892,700.0	1,202,600.0	779,600.0
England	53,107,200.0	10,030,100.0	2,680,400.0	3,596,300.0	3,657,200.0	10,933,000.0	13,480,400.0	8,729,700.0

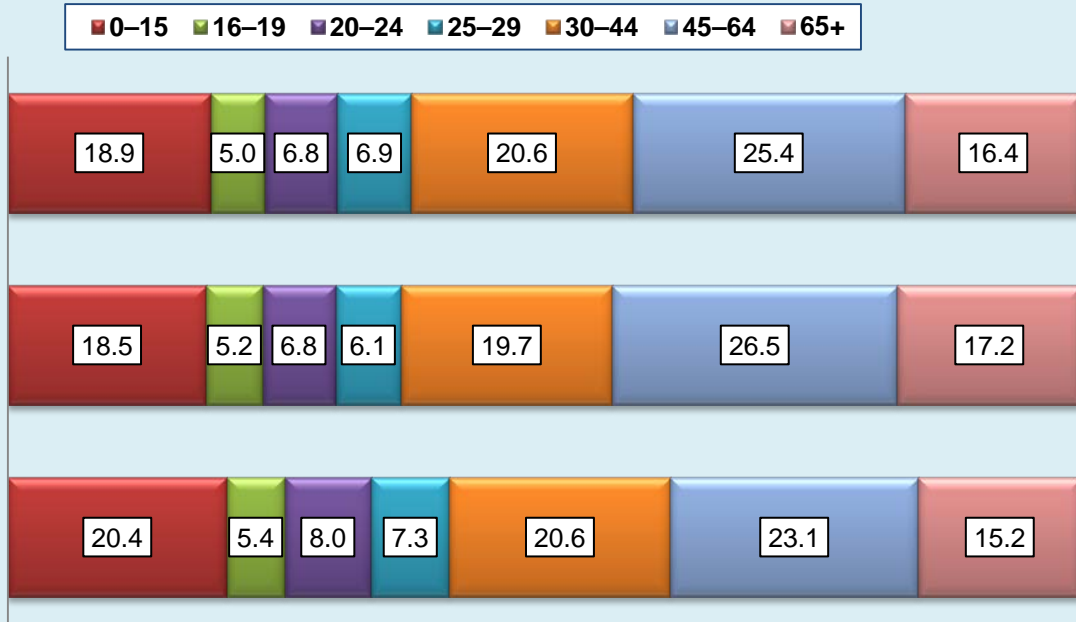
Source: Office for National Statistics, Census 2011, April 2013 Update

Table 6.0.2 - Percentage of population by custom broad age band						
	0–15	16–19	20–24	25–29	30–44	45–64
	Percentage					
Derby	20.4	5.4	8.0	7.3	20.6	23.1
East Midlands	18.5	5.2	6.8	6.1	19.7	26.5
England	18.9	5.0	6.8	6.9	20.6	25.4

Source: Office for National Statistics, Census 2011, April 2013 Update

In Derby the 45-64 (23.1%) and 65 plus (15.2%) age bands make up a smaller proportion of the resident population than in both the East Midlands and England.

Figure 6.0.1 - % of resident population by custom age band, 2011



Source: Office for National Statistics, Census 2011, April 2013 Update

7.0 Components of Population Change

In Derby between 2009 and 2010, there was a total increase in population of 1,900. This net change was the result of an increase in natural change of 1,500. Natural change is calculated by subtracting the number of deaths from the number of births. The remaining 400 additional people were added to the population as a result of net migration and other changes.

Table 7.0.1 - Components of population change 2010 to 2011

	Live births	Deaths	Natural change	Net migration & other changes	Total change
	Thousands				
Derby	3.5	2.0	1.5	0.4	1.9
East Midlands	55.6	41.0	14.6	15.8	30.4
England	690.9	457.1	233.8	230.9	464.7

Source: Office for National Statistics, Census 2011, April 2013 Update

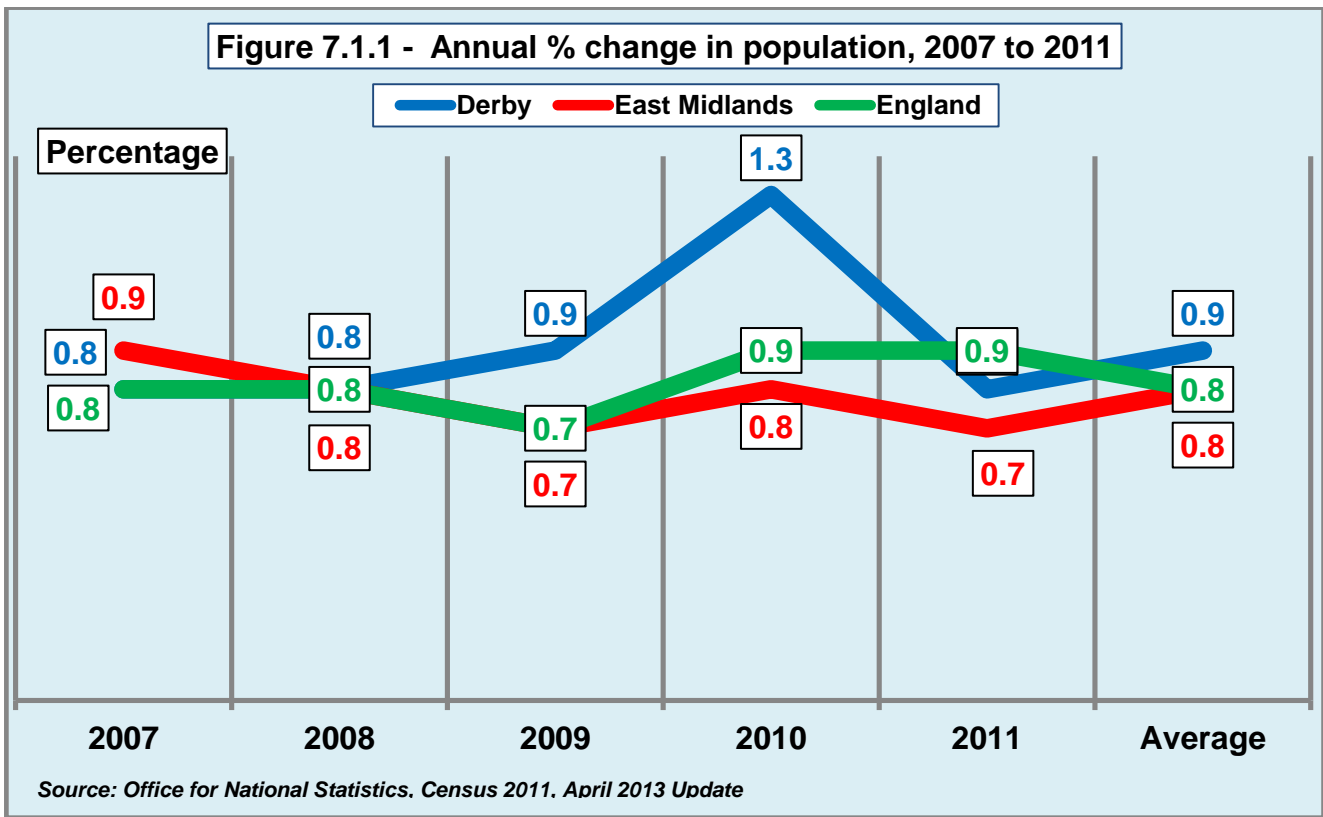
7.1 Annual Percentage Change in Population

The average annual percentage population change for Derby over the past 5 years was 0.9%, which compares with 0.8% in East Midlands and 0.8% in England.

Table 7.1.1 Annual percentage change in population						
	Year to:					5 year average
	2007	2008	2009	2010	2011	
	%					
Derby	0.8	0.8	0.9	1.3	0.8	0.9
East Midlands	0.9	0.8	0.7	0.8	0.7	0.8
England	0.8	0.8	0.7	0.9	0.9	0.8

Source: Office for National Statistics, Census 2011, April 2013 Update

In 2010 in Derby, there was a 1.2% increase in the population. This was far more significant than in the East Midlands or England, which is again likely to be a reflection of significant inward migration.



8.0 Population Projection

By 2021, the population of Derby is projected to increase to 274,300, a percentage change of 8.9% from 2012. For Derby, the age group with the greatest projected percentage change is 65 Plus Years (13.4%). The latter reflects the elevated population of 40 to 49 year olds referred to in section five.

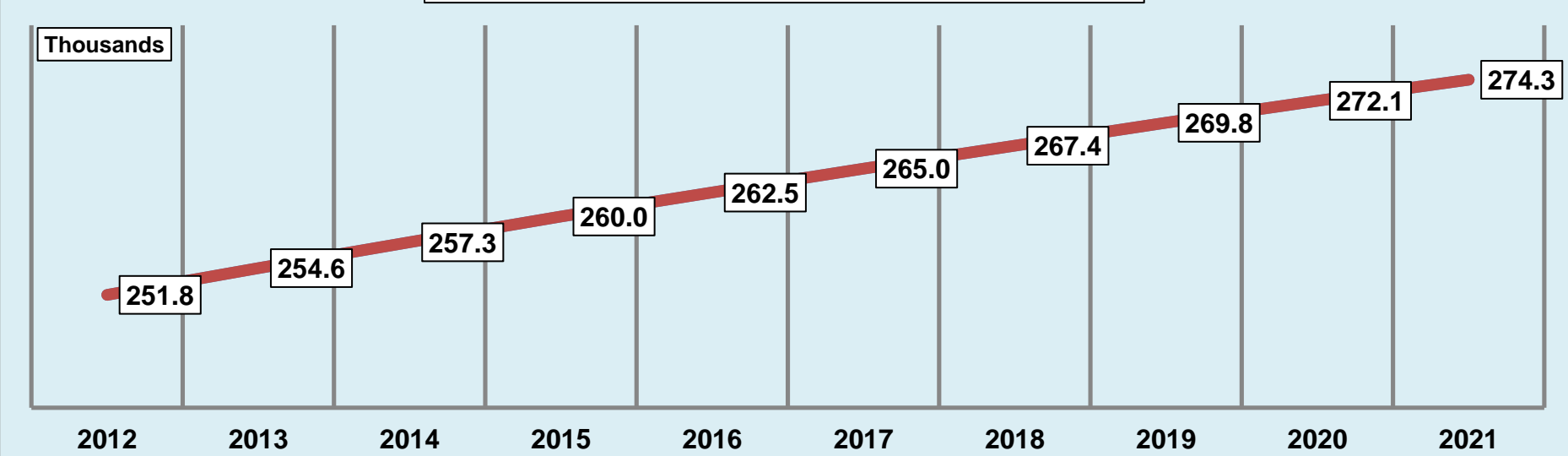
Table 8.0.1 - Population Projection by Broad Age Band

		2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
		Thousands									
Derby	All persons	251.8	254.6	257.3	260	262.5	265	267.4	269.8	272.1	274.3
	0 - 15 Years	51	51.3	51.8	52.3	52.9	53.6	54.3	54.9	55.4	55.9
	16 - 64 Years	161.9	163.6	165.2	166.8	168.3	169.7	170.8	171.9	173.2	174.3
	65 Plus Years	38.9	39.7	40.3	40.8	41.3	41.8	42.3	43	43.4	44.1
East Midlands	All Persons	4,579.1	4,620.7	4,661.5	4,701.6	4,740.9	4,779.4	4,817.2	4,854.5	4,891.6	4,928.3
England	All Persons	53,585.5	54,068.4	54,548.6	55,022.7	55,486.6	55,938.2	56,383.1	56,822.7	57,257.9	57,687.8

Source: Office for National Statistics, Census 2011, April 2013 Update

NB. Interim 2011 Census Based Projections

Figure 8.0.1 - Projection of Derby's Population, 2012-21



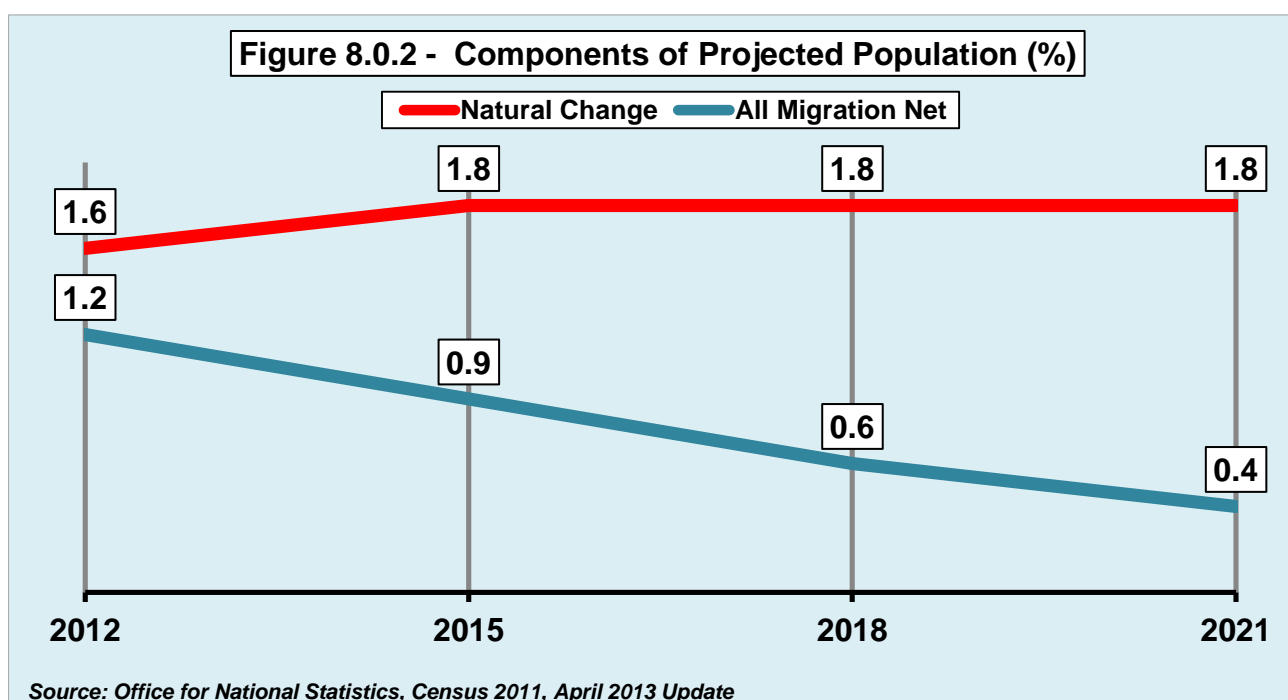
Source: Office for National Statistics, Census 2011, April 2013 Update

Table 8.0.2 illustrates that by 2018 in Derby, natural change or births minus deaths is projected to account for a 1,800 change in population from the previous year, with (all migration net) projected to account for a population change of 600.

By 2021 natural change is projected to account for a 1,800 change in population from the previous year, with (All Migration Net) predicted to account for a population change of 400.

Table 8.0.2 – Components of Projected Population								
	Year to:							
	2013		2015		2018		2021	
	Natural Change	All Migration Net	Natural Change	All Migration Net	Natural Change	All Migration Net	Natural Change	All Migration Net
	Thousands							
Derby	1.6	1.2	1.8	0.9	1.8	0.6	1.8	0.4
East Midlands	16.5	25.3	17.7	22.7	16.4	21.6	15	21.9
England	273.1	205.2	287.6	186.6	272.5	172.5	257.3	172.5

Source: Office for National Statistics, Census 2011, April 2013 Update
NB. Interim 2011 Census Based Projections



9.0 Population by Broad Ethnic Group in 2011

In Derby in 2011, 199,800 people (80.3%) were from the white or white other ethnic groups. 49,000 or (19.7%) were from other BME groups. In the East Midlands 89.3% of the population are from the white or white other groups this reflects Derby's significant BME population.

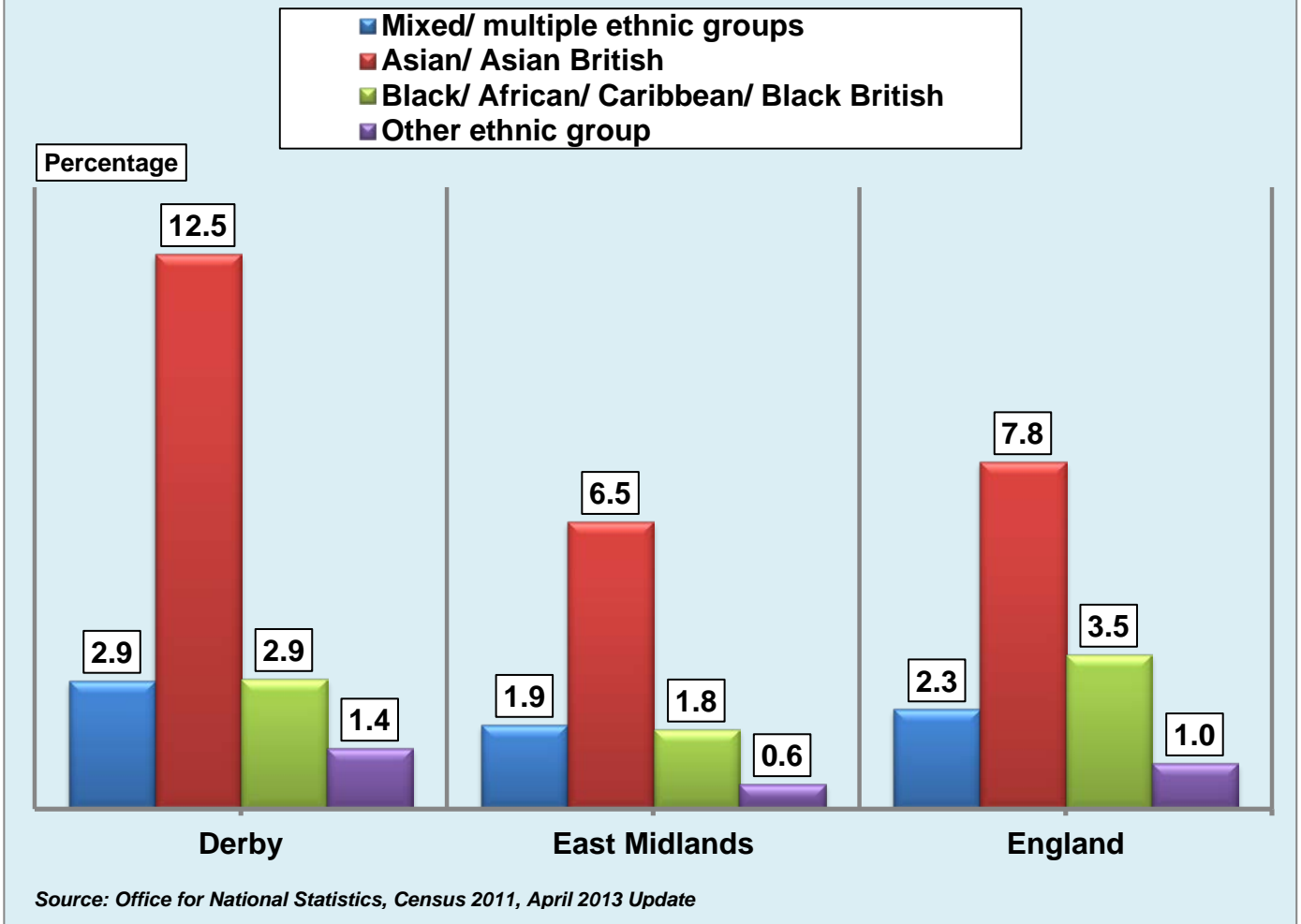
In Derby the greatest number of non-white people were Asian/Asian British (12.5% of the total population), this compares with 6.5% of the total population for East Midlands for this ethnic group.

Table 9.0.1 - Population by Ethnic Group

	All Groups	White	Mixed multiple ethnic groups	Asian Asian British	Black - African/ Caribbean/ Black British	Other ethnic group
	Thousands					
Derby	248.8	199.8	7.2	31.1	7.3	3.4
East Midlands	4,533.2	4,046.4	86.2	293.4	81.5	25.7
England	53,012.5	45,281.1	1,192.9	4,143.4	1,846.6	548.4

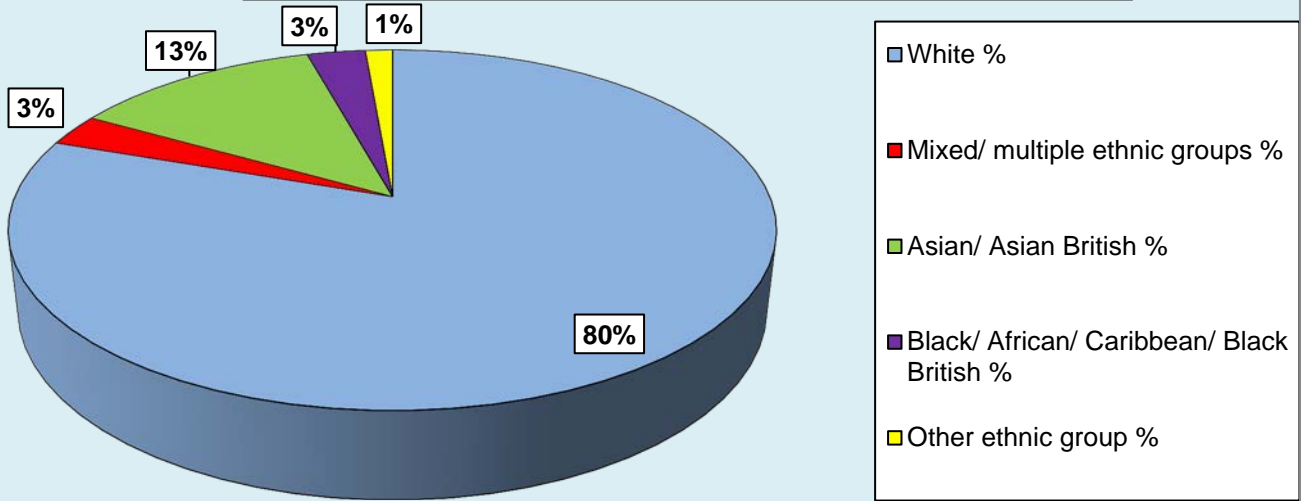
Source: Office for National Statistics, Census 2011, April 2013 Update

Figure 9.0.1 - Population by broad ethnic group, 2011



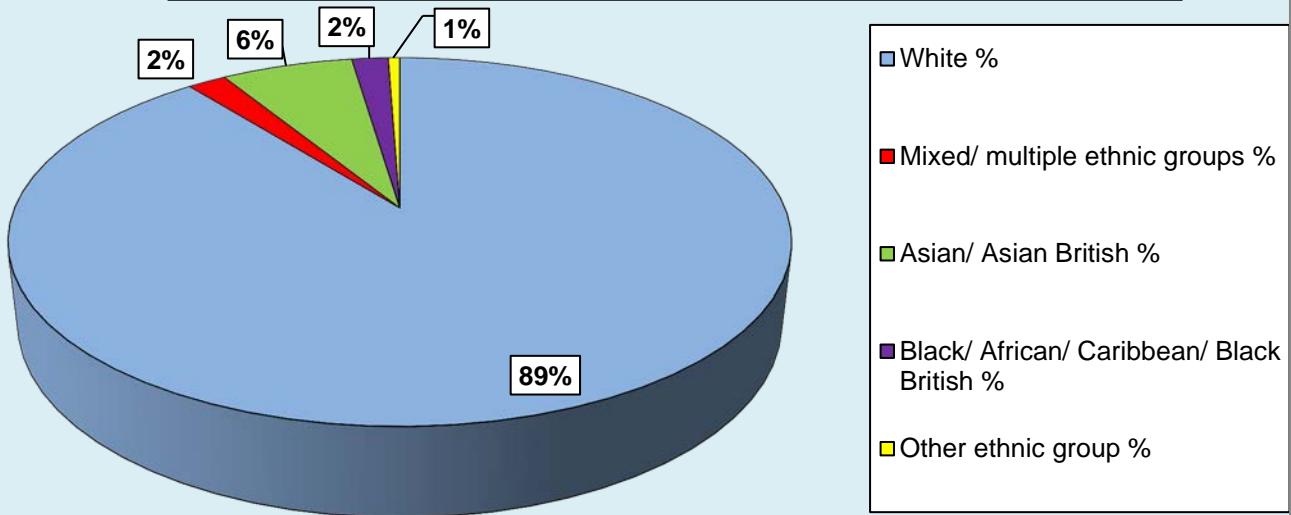
From the 2011 Census, in Derby the greatest number of non-white people were from the Asian / Asian British ethnic groups. This group makes up 12.5% of the total population compared to 6% in the East Midlands and 8% nationally.

Figure 9.0.2 - Derby - % population by broad ethnic group



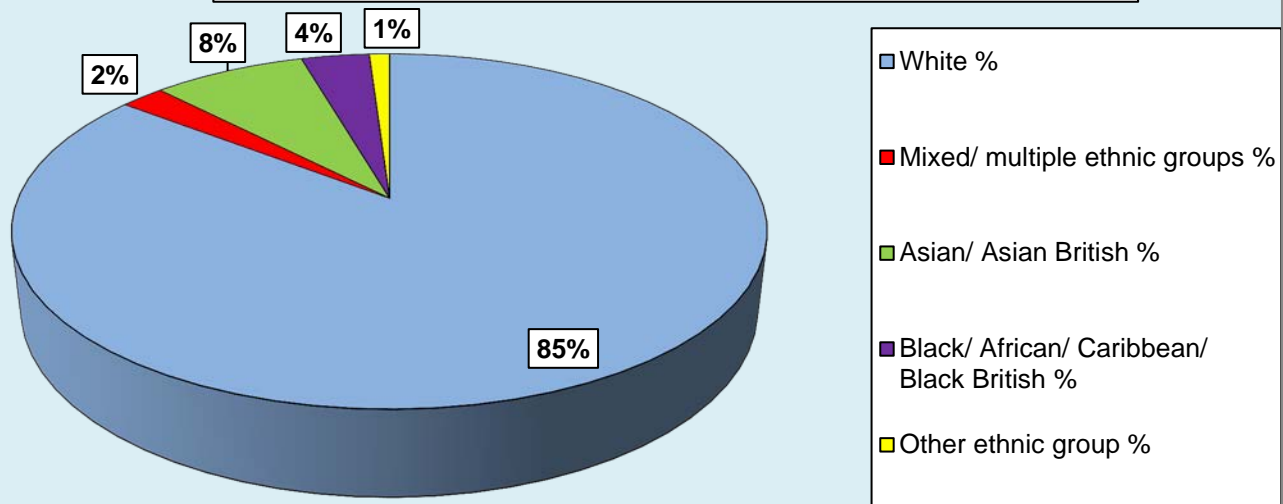
Source: Office for National Statistics, Census 2011, April 2013 Update

Figure 9.0.3 - East Midlands - % population by broad ethnic group



Source: Office for National Statistics, Census 2011, April 2013 Update

Figure 9.0.4 - England - % population by broad ethnic group



Source: Office for National Statistics, Census 2011, April 2013 Update

9.1 Population Change by Broad Ethnic Group

From 2001 – 2011 there was a population increase of 27,100 (12.2%), with the largest change contributed by the Asian / Asian British people with an increase of 12,600 (68.1%).

In the East Midlands, the broad ethnic group, which contributed the largest change in population, was White people with an increase of 146,000 (3.7%).

The total BME (Black and Minority Ethnic) population of Derby has increased from 15.7% in 2001 to 24.7% 2011.

	All Groups	White	Mixed multiple ethnic groups	Asian Asian British	Black - African/ Caribbean/ Black British	Other ethnic group
Thousands						
Derby	27.1	5.9	3.2	12.6	3.4	2
East Midlands	361.0	146.0	43.1	124.5	42.0	5.4
England	48,084.1	40,465.8	1,155.5	4,110.6	1,825.7	526.4

Source: Office for National Statistics, Census 2011, April 2013 Update

10.0 Life Expectancy at birth

The life expectancy at birth for males in Derby is (77.9 years) this is less than that for the East Midlands (78.4 years) and England (78.6 years).

Female life expectancy at birth in Derby (81.9 years) is also lower than the East Midlands (82.4 years) and England (82.6 years).

	Males	Females
	Age	
Derby	77.9	81.9
East Midlands	78.4	82.4
England	78.6	82.6

Source: Office for National Statistics, Census 2011, April 2013 Update

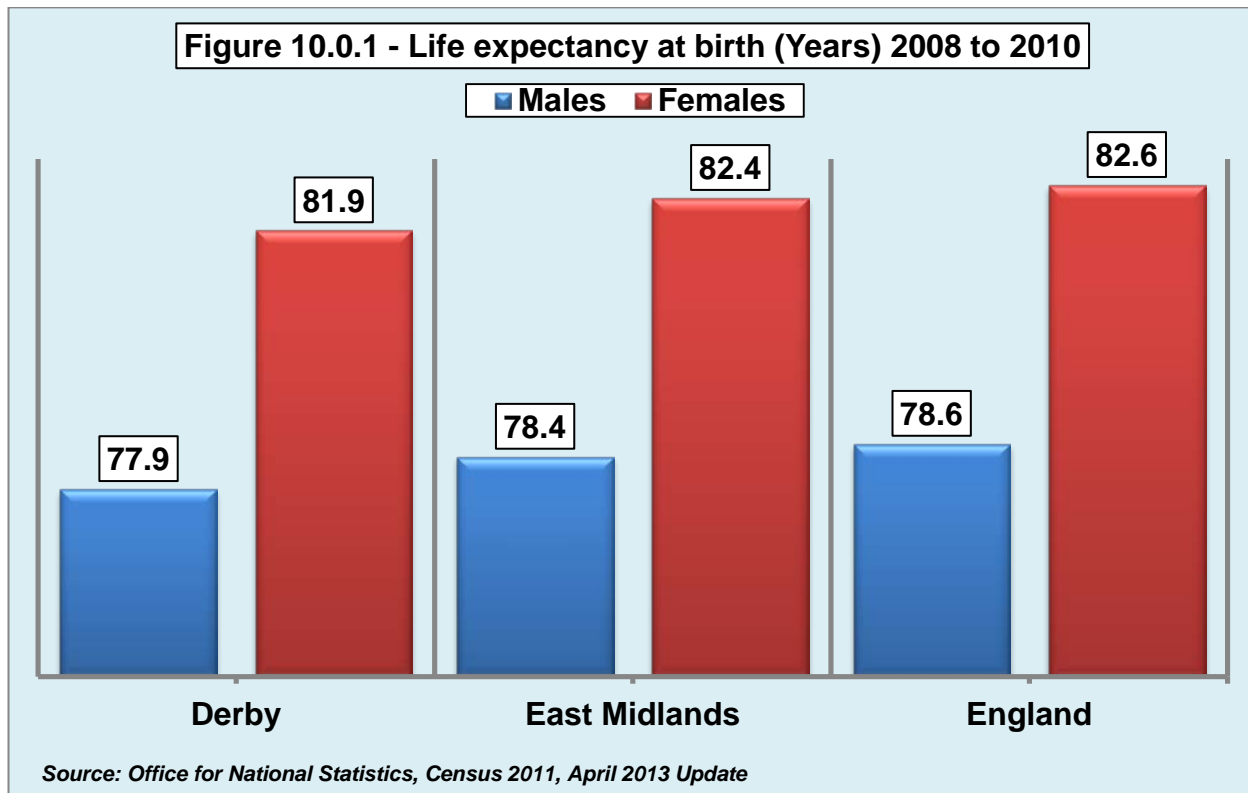


Table 10.0.2 identifies that in both the East Midlands and England there have been small incremental increases in male life expectancy and more significant increases in female life expectancy between 2005 and 2009.

Although only marginal differences, Derby does not share the same pattern of incremental increase in life expectancy.

In Derby, male life expectancy has increased; and is only marginally lower than the East Midlands and England; more significant is a downturn in Female life expectancy between 2006-08 to 81.5 years the latter result is repeated for 2007-2009.

Table 10.0.2 – Life expectancy at birth

	2005-07		2006-08		2007-09	
	Males	Females	Males	Females	Males	Females
Derby	77.1	81.9	77.2	81.5	77.5	81.5
East Midlands	77.6	81.6	77.8	81.8	78.1	82.1
England	77.7	81.8	77.9	82.0	78.3	82.3

Source: Office for National Statistics, Census 2011, April 2013 Update

11.0 Population Density

In 2011, the population density in the city was 3,192 people per square km. This is an increase of 351 people per square km since the 2001 density of 2,841 people per square km in 2001.

Table 11.0.1 - Population density		
	Area in square km	People per square km
Derby	78	3,192
East Midlands	15,606	291
England	130,279	408
<i>Source: Office for National Statistics, Census 2011, April 2013 Update</i>		