

## 3.1 Our population

## Brighton & Hove JSNA 2015

### Why is this issue important?

Population size, structure and composition are crucial elements in any attempt to identify, measure and understand health and wellbeing. It is important to know how many people live in an area and their demographic characteristics such as age and gender.

Here we consider Brighton & Hove's population and how social factors impact on the city's population. We also consider projected future population changes. How these demographic features, together with social and environmental factors, impact on the health and wellbeing of our residents and influence need and demand for health and social care services is looked at throughout the summary.

### Population of Brighton & Hove

Brighton & Hove is one of the most deprived areas in the South East and has a population with significant health needs and inequalities.

This section of the report describes the key population trends for the city and further sections show the important health and wellbeing issues for the key population groups in the city.

### Total population – 2014 Mid-Year Estimate

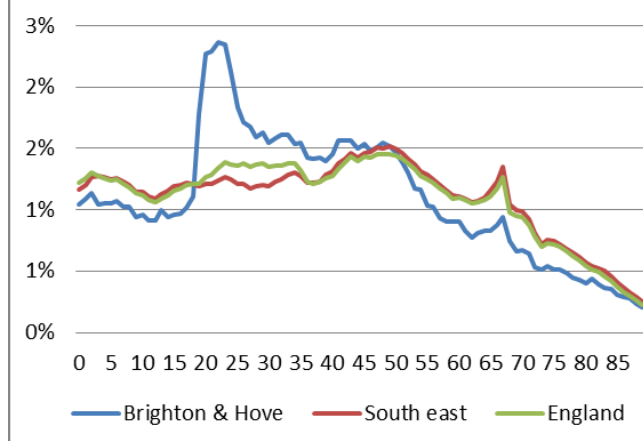
According to the Office for National Statistics (ONS) the resident population of Brighton & Hove has increased by just over 31,200 people since 2004 when the population was 249,800 people.<sup>1</sup> The latest mid year population estimates (2014) show there are 281,100 people resident in the city (an increase of 12.5%).<sup>2</sup>

In 2014 in Brighton & Hove 16% of the population are aged 0-15 years, 70% aged 16-64 years and 13% aged 65 years or over. This compares to 19%, 62% and 19% in the South East and England figures of 19%, 64% and 17% (Table 1). So whilst there are a lower proportion of children in the city, there are also a lower proportion of older people, giving the city a different age-structure compared to England and the South East (Figure 1)<sup>2</sup>

**Table 1: Population by age and gender as a per cent of total population (number of people in brackets) - Mid Year Estimate 2014**

	Brighton & Hove	South East	England
<b>All people</b>	281,100	8,873,818	54,316,618
<b>Males</b>	50% (140,900)	49%	49%
<b>Females</b>	50% (140,100)	51%	51%
<b>0 to 15</b>	16% (45,400)	19%	19%
<b>16 to 18</b>	3% (8,700)	4%	4%
<b>19 to 24</b>	13% (37,000)	7%	8%
<b>25 to 44</b>	31% (87,600)	25%	27%
<b>45 to 64</b>	23% (64,700)	26%	25%
<b>65 to 84</b>	11% (31,600)	16%	15%
<b>85 and older</b>	2% (6,100)	3%	2%

**Figure 1: Single year of age as a proportion of the total population, Mid Year Estimates 2014**



**Source Table 1 and Figure 1:** Office for National Statistics. Mid-Year Estimates 2014 available from <http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcn%3A77-368259>

<sup>1</sup> Office for National Statistics. Population Estimates for England and Wales, Mid-2002 to Mid-2010 Revised (Subnational). Released: 30 April 2013. Available at <http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcn%3A77-280885> [Accessed 23/07/2015]

<sup>2</sup> Office for National Statistics. Population Estimates for England and Wales, Mid-2014 (2011 Census-based). Released: 25 June 2015. Available at <http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcn%3A77-368259> [Accessed 23/07/2015]

## 3.1 Our population

## Brighton & Hove JSNA 2015

Brighton & Hove has an unusual population compared to the South East and England. There are a much higher proportion of people aged 19 – 44 years, with lower proportions of children aged 0 to 15 and older people aged 65 to 84. However, there is the same percentage of people aged 85 years or over in Brighton & Hove as in England.

The city has a relatively large proportion of younger adults, a high proportion of students and lesbian, gay, bisexual and transgender residents.

### Migrants

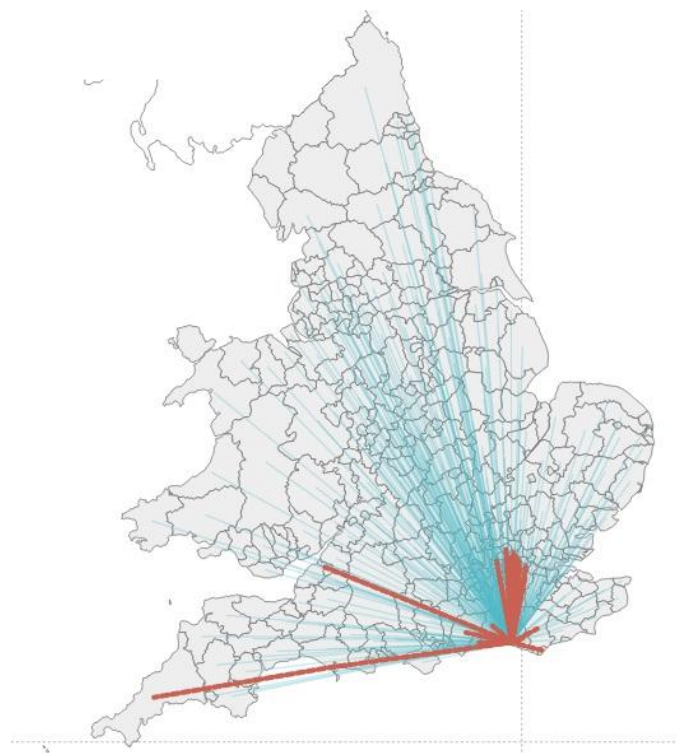
The city is a destination for migrants from outside the UK, the latest ONS figures (for 2013) show that 44,000 residents (16% of the city's population) was born outside the UK, higher than the South East (12%) and England (14%). Over a third of the people who have migrated to the city (36%, 16,000 people) are from EU countries with 64% (28,000 people) from outside the EU, including 13,000 (30%) from Asia.<sup>3</sup>

For the year ending June 2014 there were estimated to be 6,000 migrants to the city from outside of the UK, and 2,400 people leaving the city to go outside of the UK – a net inward migration of 3,600 people.<sup>4</sup>

During the same period, 18,400 people moved to Brighton & Hove from elsewhere in the UK and 20,100 moved from Brighton & Hove to another part of the UK. So the net effect of internal migration is 1,700 fewer people in that year.<sup>5</sup>

The largest numbers of people move to and from London, although the largest numbers by local authority move to and from Lewes. Figures 2 and 3 show internal migration to and from Brighton & Hove respectively.<sup>6</sup>

**Figure 2: UK internal migration to Brighton & Hove in the year ending June 2014**



Source: Office for National Statistics (Available at <http://www.neighbourhood.statistics.gov.uk/HTMLDocs/dvc25/index.htm>)

**Figure 3: UK internal migration from Brighton & Hove in the year ending June 2014**



Source: Office for National Statistics (Available at <http://www.neighbourhood.statistics.gov.uk/HTMLDocs/dvc25/index.htm>)

<sup>3</sup> Office for National Statistics, Estimates of UK population by county of birth, table 1.1, January 2013 – December 2013. Available at <http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcn%3A77-405714>

<sup>4</sup> Office for National Statistics. Migration Indicators Tool. Available from <http://www.ons.gov.uk/ons/rel/migration1/migration-statistics-quarterly-report/may-2013/index.html-2013/index.html> [Accessed 17/07/2013]

<sup>5</sup> Office for National Statistics. Internal Migration by Local Authorities in England and Wales, Year Ending June 2012. Released 26 June 2013. Available at <http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcn%3A77-314026> [Accessed 17/07/2013]

<sup>6</sup> Office for National Statistics, Where to people move to and from, interactive tool, available at <http://www.neighbourhood.statistics.gov.uk/HTMLDocs/dvc25/index.html>

## 3.1 Our population

## Brighton & Hove JSNA 2015

### Migration by age

For the year ending June 2014, nearly a half of net international migration into the city (47%, 1,700 people) was people aged 20 - 24 with over three quarters (77%, 2,800 people) aged 15 - 29. Similarly, only for those aged 15 - 19 years was there a net inward migration from other parts of the UK with 1,900 more 15 to 19 year olds arriving than leaving the city.

### Students

There had been a sustained increase in the numbers of students at the two universities in the city from around 26,000 in 1995/96 to 35,205 in 2011/12.<sup>7</sup> However 2012/13 and 2013/14 saw a decrease in total student numbers at the two universities to 34,455 in 2012/13 and 34,335 in 2013/14 (a fall of 870 students between 2011/12 and 2013/14, or 2.5%).

### Ward level population

The latest available ward level data is from 2013 and the population breakdown by ward is given in Table 3 on page 5.

The wards with the highest proportion of children and young people (aged 0–15 years) tend to be found in wards towards the west and north of the city while the city centre wards tend to have proportionally fewer children. Wish (22%, 2,148 people), Hangleton and Knoll (21%, 3,094 people) and Hove Park (21%, 2,200 people) are the wards with the highest percentage of children and young people and Regency (8%, 770 people), Brunswick & Adelaide (9%, 934 people) and Central Hove (11%, 1,028 people) have the lowest percentage of children and young people<sup>8</sup>

More than four in five people are aged 16-64 years in Regency (84%, 8,600 people), St Peters & North Laine (84%, 16,049 people) and Brunswick & Adelaide (83%, 8,512 people). Woodingdean (60%, 5,837 people) has the lowest proportion.

Older people (65 years or over) live across all areas of the city. However, the largest percentages are in Rottingdean Coastal (23%, 3,215 people) and

Woodingdean (20%, 1,988 people). In six of the city's 21 wards, fewer than one in ten people are aged 65 years or over with the lowest percentage in St Peters and North Laine (6%, 1,165 people) followed by Hanover and Elm Grove (7%, 1,117 people, and Brunswick and Adelaide (7%, 759 people).

### Predicted future need

**Table 4: Predicted population change by age 2014 to 2024 – ONS 2012 based Population Projection**

Age	2014	2024	Difference (n)	Difference (%)
All ages	279,700	298,400	18,700	6.7%
0-4	15,300	15,400	100	0.7%
5-9	14,100	14,800	700	5.0%
10-14	13,000	14,500	1,500	11.5%
15-19	16,500	17,200	700	4.2%
20-24	30,800	28,500	-2,300	-7.5%
25-29	23,400	24,400	1,000	4.3%
30-34	22,500	24,400	1,900	8.4%
35-39	20,300	22,200	1,900	9.4%
40-44	21,400	20,900	-500	-2.3%
45-49	21,300	18,800	-2,500	-11.7%
50-54	18,100	19,600	1,500	8.3%
55-59	13,600	18,900	5,300	39.0%
60-64	11,700	15,700	4,000	34.2%
65-69	11,400	11,700	300	2.6%
70-74	8,100	9,700	1,600	19.8%
75-79	6,700	9,000	2,300	34.3%
80-84	5,400	5,900	500	9.3%
85-89	3,700	4,000	300	8.1%
90+	2,400	3,000	600	25.0%

Source: Office for National Statistics. Available at <http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcm%3A77-335242>

<sup>7</sup> Higher Education Statistics Agency. Statistics by Institution. Available at [http://www.hesa.ac.uk/index.php?option=com\\_content&task=view&id=1897&Itemid=239](http://www.hesa.ac.uk/index.php?option=com_content&task=view&id=1897&Itemid=239) [Accessed on 14/07/2015].

<sup>8</sup> Office for National Statistics. Small Area Population Estimates, mid 2013. <http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcm%3A77-367629> [Accessed 27/07/2015]

## 3.1 Our population

## Brighton & Hove JSNA 2015

Changes in the population age structure affect the need for health and social care services. Therefore, population projections have an essential role in assessing the future need for services. Current trends in births, deaths and migration are projected forwards and used to produce population projections.

According to the latest available Office for National Statistics population projections, the resident population of the city is predicted to increase to 298,400 by 2024, a 6.7% increase compared to 2014 (an increase of 18,700 people). This is lower than the predicted increases for the South East (7.8%) and England (7.1%).<sup>9</sup>

The greatest projected increase (37%, 9,300 extra people) will be seen in the 55-64 year age group. The population of 75 - 79 year old is also predicted to increase by 34% (2,300 people) and those aged 90 or older by 25% (600 people). School aged children (5-14 years) are predicted to increase by 8% or 2,200 people (Table 4).

As in the recent past, the main determinants of future changes in the total population of the city are house building, international migration and the number of university students.

The Council's Assessment of Affordable Housing Need Report 2012 identified demand for 17,403 new affordable homes (3,481 per annum) in the period 2012-2017 above that already planned.

The draft City Plan shows that the city has the capacity to develop 13,200 homes in the period 2010 to 2030 (660 per annum), far less than projected growth of 30,120 households.<sup>10</sup> Within this, there could be up to 4,000 new affordable homes however this only meets one year of the current excess demand.

Before 2006-07 the net effect of international migration was relatively small, with as many people leaving the city to live outside the UK as were moving to the city. Since this time, there have been larger inflows than outflows.<sup>11</sup> We can therefore anticipate that the number of international residents in the city will continue to grow if this

pattern continues. The ONS 2012 based population projections predicts net increases in international migrants of between 1,200 and 1,400 people for each year between 2014 and 2024.<sup>12</sup>

Understanding changes in birth rates is important in population change and is explored in the pregnancy and maternity section. The number of births per year in the city is projected to be around 3,300 per year for each year between 2014 and 2024. In the same time frame, deaths are predicted to be around 1,900 to 2,000 people per year, resulting in a natural change in population of between 1,300 – 1,400 per year.<sup>13</sup>

### What we don't know

All projections are based upon assumptions of how the population will change. There could well be factors which mean that these patterns change in unforeseen ways and so projections will always have a degree of uncertainty around them.

For example, looking at the Office for National Statistics 2012 based population projections for 2014 shows a predicted net increase in international migration of around 1,200 people. However, the net increase seen in the ONS 2014 Mid-Year Population Estimates show a net increase of around 3,600 people. Three times the predicted number.

Population data is not available for all protected characteristic groups, for example we do not have information on the number of people in the city by sexual orientation or the number of trans people living in the city. Estimates are therefore explored in the relevant sections of this JSNA. In addition an equalities profile will soon be made available on Community Insight, our local partnership data site at <http://brighton-hove.communityinsight.org/>

<sup>9</sup> Office for National Statistics. 2012 based sub national population projections. Available at: <http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcn%3A77-335242> [Accessed 09/07/2015]

<sup>10</sup> Brighton & Hove City Plan (submission draft): <http://www.brighton-hove.gov.uk/content/planning/planning-policy/city-plan>

<sup>11</sup> Office for National Statistics. Migration Indicators Tool. Available at: <http://www.ons.gov.uk/ons/rel/migration1/migration-statistics-quarterly-report/may-2013/index.html -2013/index.html> [Accessed 17/07/2013]

<sup>12</sup> Office for National Statistics. 2012 based Population Projections components of change. Available at: <http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcn%3A77-335242> [Accessed 28/07/15]

<sup>13</sup> Office for National Statistics. 2012 based Population Projections components of change. Available at: <http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcn%3A77-335242> [Accessed 28/07/15]



## 3.1 Our population

## Brighton & Hove JSNA 2015

**Table 3: Office for National Statistics Mid Year Estimates of population for wards in Brighton & Hove , 2013**

	All people	People aged 0-15	People aged 0-15 (%)	People aged 16-64	People aged 16-64 (%)	People aged 65 or over	People aged 65 or over (%)
Brunswick and Adelaide	10,205	934	9%	8,512	83%	759	7%
Central Hove	9,490	1,028	11%	7,099	75%	1,363	14%
East Brighton	14,156	2,566	18%	9,685	68%	1,905	13%
Goldsmid	15,951	2,344	15%	11,493	72%	2,114	13%
Hangleton & Knoll	14,720	3,094	21%	8,914	61%	2,712	18%
Hanover & Elm Grove	16,625	2,516	15%	12,992	78%	1,117	7%
Hollingdean & Stanmer	16,322	2,609	16%	12,088	74%	1,625	10%
Moulsecoomb & Bevendean	17,773	2,802	16%	13,339	75%	1,632	9%
North Portslade	10,000	2,016	20%	6,331	63%	1,653	17%
Patcham	14,485	2,911	20%	8,907	61%	2,667	18%
Preston Park	15,196	2,804	18%	11,004	72%	1,388	9%
Queen's Park	15,187	1,898	12%	11,190	74%	2,099	14%
Regency	10,239	770	8%	8,600	84%	869	8%
Rottingdean Coastal	13,963	2,010	14%	8,738	63%	3,215	23%
St. Peter's and North Laine	19,163	1,949	10%	16,049	84%	1,165	6%
South Portslade	9,532	1,938	20%	6,151	65%	1,443	15%
Hove Park	10,683	2,200	21%	6,568	61%	1,915	18%
Westbourne	10,123	1,847	18%	6,620	65%	1,656	16%
Wish	9,785	2,148	22%	6,146	63%	1,491	15%
Withdean	14,704	2,839	19%	9,448	64%	2,417	16%
Woodingdean	9,810	1,985	20%	5,837	60%	1,988	20%
Brighton & Hove	278,112	45,208	16%	195,711	70%	37,193	13%

## 3.1 Our population

Brighton & Hove JSNA 2015

### Key evidence and policy

The Office for National Statistics Population Hub gives the methods used for population estimates and projections, along with the estimates:

<http://www.statistics.gov.uk/hub/population>

### Key links to other sections

- Population groups sections
- Pregnancy and maternity
- Life expectancy and healthy life expectancy
- Main causes of death

### Further information

Office for National Statistics Population Estimates

<http://www.statistics.gov.uk/hub/population>

Office for National Statistics Census 2011 data

<http://www.ons.gov.uk/ons/guide-method/census/2011/index.html>

The latest population data, mapped for the city is available at Community Insight, our local partnership data site at <http://brighton-hove.communityinsight.org/>

### Last updated

September 2015