

<b>Title:</b>	2011 UK Population Census update
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<b>Purpose/Key Messages:</b>	<ul style="list-style-type: none"> <li>• New population and household estimates for the city are available</li> <li>• More detailed Census data will be available from 23 November 2012 onwards</li> </ul>
<b>Significance to BHSP</b>	The 2011 Census will be a key resource for planning key services for the city.
<b>What is BHSP being asked to do?</b>	<p>To comment and note;</p> <ul style="list-style-type: none"> <li>• The latest Brighton &amp; Hove resident population and household estimates</li> <li>• The release schedule for further data from the 2011 Census.</li> </ul>
<b>Next steps and report back mechanism</b>	Further reports will be received following the releases of more detailed 2011 Census data.

### **1. Purpose of Paper**

The aim of this report is to update the Strategic Partnership on the 2011 Census, specifically;

- The release of resident population and household estimates
- The timing of future releases, the type of data and available geographies

### **2. Introduction and background**

A census is a count of people and households, and is used to set policies and estimate the resources required to provide services for the population.

It is the most complete source of information about the population that we have. The latest census was held on Sunday 27 March 2011.

Every effort is made to include everyone, and that is why the census is so important. It is the only survey which provides a detailed picture of the entire population, and is unique because it covers everyone at the same time and asks the same core questions everywhere. This makes it easy to compare different parts of the country, within authorities or previous censuses.

The information the census provides allows central and local government, health authorities and many other organisations to target their resources more effectively and to plan housing, education, health and transport services for years to come.

The 2011 Census for England and Wales was the first to post out all household questionnaires based on a specially developed national address register. It was also the first to offer people a choice to either complete online or fill in and post back a paper questionnaire. Completed questionnaires from people living in communal establishments were collected by special enumerators. Everyone in the country was legally obliged to complete a census questionnaire.

The questionnaire asked about household accommodation, relationship, demographic characteristics (such as sex, age and marital status), migration, cultural characteristics, health and provision of care, qualifications, employment, workplace and journey to work.

More information about the 2011 Census can be found on the ONS website <http://www.ons.gov.uk/ons/guide-method/census/2011/index.html>

2011 Census information and data relating specifically to Brighton & Hove can be found on the Census pages of Bhlis at <http://www.bhlis.org/census2011>

### **3. 2011 Census release schedule**

Due to the breadth and depth of the 2011 Census results, the statistics on the main resident population base (usual residents) will be released in four stages. Full details of the release schedule and a full list of data can be found at [2011 census prospectus.pdf](#)

As data from the census is released the council's Performance & Analysis and Public Health Teams, along with the Analysis & Intelligence Network will be providing themed briefings available as PDFs and live documents on BHLIS. Likely themes will include Ethnicity and Religion, Housing, Health and Social Care, Employment and Economics and Transport.

### 3.1 Currently available 2011 Census data

- Age and sex, and occupied households estimates by local authority, region and country.
- Number of people with second addresses

#### Why are Census statistics called estimates?

The vast majority of people complete a questionnaire. But inevitably some people don't, and others are included on more than one because they have more than one address

ONS used statistical procedures, based on information from the Census Coverage Survey, to measure and estimate the number of people not included on a questionnaire. These measures enable the ONS to produce estimates of the whole population.

#### 2011 Mid Year Population Estimates (MYE)

Since the publication of the Census Population Estimates the ONS have published their 2011 MYE which further refines the Census population estimates. **No reference will be made in this report to the 2011 MYE.**

All past ONS population estimates and projections will be recalculated over the next 2 years to take into account the result from the 2011 Census.

#### Sexual orientation and gender identity

The 2011 Census did not include a question about a person's sexual orientation or about gender identity therefore there will be no data about the numbers of people in the city who are Lesbian, Gay, Bisexual or Transgender.

### 3.1.1 Brighton & Hove 2011 Census Population Estimates

**Fig 3.1.1: 2011 Census: Usual resident population by five-year age group - Brighton & Hove**

Age group	All persons	As a percentage of the total population	Male		Female	
			Persons	Percentage	Persons	Percentage
<b>All ages</b>	273,369	100.0%	136,108	49.8%	137,261	50.2%
<b>0 to 4</b>	15,015	5.5%	7,622	50.8%	7,393	49.2%
<b>5 to 9</b>	13,291	4.9%	6,840	51.5%	6,451	48.5%
<b>10 to 14</b>	13,412	4.9%	6,913	51.5%	6,499	48.5%
<b>15 to 19</b>	18,039	6.6%	8,944	49.6%	9,095	50.4%
<b>20 to 24</b>	28,129	10.3%	13,707	48.7%	14,422	51.3%
<b>25 to 29</b>	22,998	8.4%	11,935	51.9%	11,063	48.1%
<b>30 to 34</b>	21,959	8.0%	11,088	50.5%	10,871	49.5%
<b>35 to 39</b>	21,789	8.0%	11,183	51.3%	10,606	48.7%
<b>40 to 44</b>	21,905	8.0%	11,267	51.4%	10,638	48.6%
<b>45 to 49</b>	20,443	7.5%	10,286	50.3%	10,157	49.7%
<b>50 to 54</b>	15,345	5.6%	7,754	50.5%	7,591	49.5%
<b>55 to 59</b>	12,638	4.6%	6,375	50.4%	6,263	49.6%
<b>60 to 64</b>	12,714	4.7%	6,540	51.4%	6,174	48.6%
<b>65 to 69</b>	9,535	3.5%	4,742	49.7%	4,793	50.3%
<b>70 to 74</b>	7,925	2.9%	3,795	47.9%	4,130	52.1%
<b>75 to 79</b>	6,676	2.4%	2,980	44.6%	3,696	55.4%
<b>80 to 84</b>	5,572	2.0%	2,263	40.6%	3,309	59.4%
<b>85 to 89</b>	3,758	1.4%	1,283	34.1%	2,475	65.9%
<b>90 and over</b>	2,226	0.8%	591	26.5%	1,635	73.5%

- **The 2011 census population estimate for Brighton & Hove is 273,369. Rounded to the nearest hundred this is 14,600 more than the last ONS population estimate for the city (2010 Mid Year Estimate).**
- People aged 20 to 24 make up the largest proportion of the city's population (28,129 people, 10.3%).
- Only 13.1% of the city's population is aged 65 or older (35,692 people), with 4.2% aged 80 or over (11,556 people).
- Proportionally there are more 0 to 4 year olds (5.5%, 15,015 children) than there are 5 to 9 year olds (4.9%, 13,291 children) and 10 to 14 year olds (4.9%, 13,412 children).
- Proportionally there are slightly more females (50.2%) in the city than males (49.8%). This represents a narrowing of the gap compared to the 2001 census.

- The proportion of males to females is relatively even across all age groups until the age group 70 to 74. Beyond the age of 75 the proportion of females increases as age increases.

### 3.1.2 Comparison to the 2010 ONS Mid Year Population Estimates

Annually the ONS produce population estimates for all authorities in England and Wales, the ONS Mid Year Population Estimates. These estimates use as their base the 2001 Census. As the most recent population estimates, the 2010 Mid Year Population Estimates have been used widely across the city as a best estimate of the city's population. Fig 3.1.2 below compares the 2010 Mid Year Population Estimates with the 2011 Census Population Estimates.

**Fig 3.1.2:** Comparison between the 2011 Census Population Estimates and the ONS 2010 Mid Year Estimates - **Brighton and Hove UA** (all figures rounded to the nearest 100)

Age group	ONS 2010 Mid Year Population Estimates		2011 Census: Usual resident population		Difference - 2011 Census / 2010 ONS Population Estimates	
	Persons	Percentage of total population	Persons	Percentage of total population	Persons	Percentage difference
<b>All ages</b>	258,800	100.0%	273,400	100.0%	14,600	5.6%
<b>0 to 4</b>	14,800	5.7%	15,000	5.5%	200	1.4%
<b>5 to 9</b>	12,400	4.8%	13,300	4.9%	900	7.3%
<b>10 to 14</b>	11,800	4.6%	13,400	4.9%	1,600	13.6%
<b>15 to 19</b>	16,100	6.2%	18,000	6.6%	1,900	11.8%
<b>20 to 24</b>	27,600	10.7%	28,100	10.3%	500	1.8%
<b>25 to 29</b>	21,900	8.5%	23,000	8.4%	1,100	5.0%
<b>30 to 34</b>	18,600	7.2%	21,900	8.0%	3,300	17.7%
<b>35 to 39</b>	21,200	8.2%	21,800	8.0%	600	2.8%
<b>40 to 44</b>	21,400	8.3%	21,900	8.0%	500	2.3%
<b>45 to 49</b>	18,500	7.1%	20,400	7.5%	1,900	10.3%
<b>50 to 54</b>	14,300	5.5%	15,300	5.6%	1,000	7.0%
<b>55 to 59</b>	12,100	4.7%	12,600	4.6%	500	4.1%
<b>60 to 64</b>	12,000	4.6%	12,700	4.6%	700	5.8%
<b>65 to 69</b>	8,700	3.4%	9,500	3.5%	800	9.2%
<b>70 to 74</b>	8,100	3.1%	7,900	2.9%	-200	-2.5%
<b>75 to 79</b>	7,000	2.7%	6,700	2.5%	-300	-4.3%
<b>80 to 84</b>	5,800	2.2%	5,600	2.0%	-200	-3.4%
<b>85 to 89</b>	3,900	1.5%	3,800	1.4%	-100	-2.6%
<b>90 and over</b>	2,700	1.0%	2,200	0.8%	-500	-18.5%

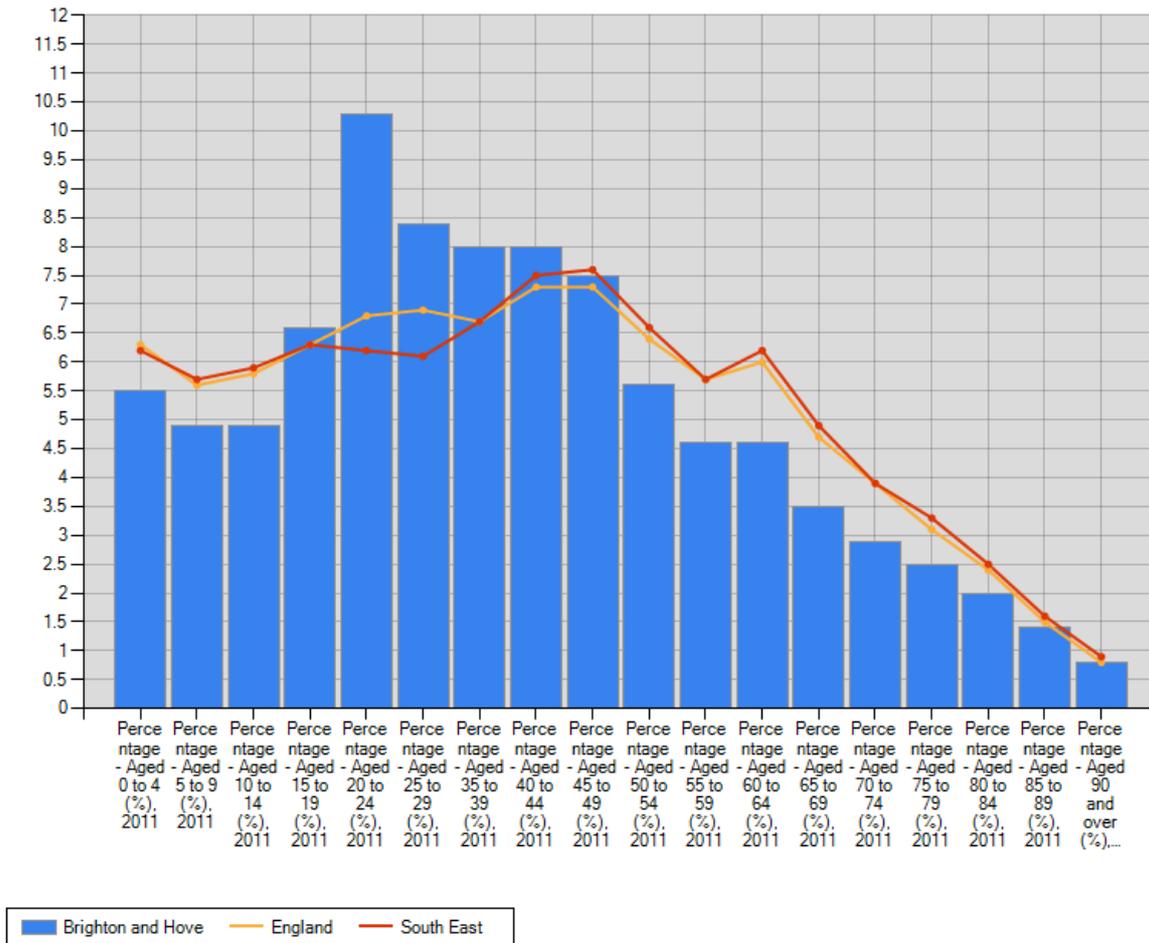
From fig 3.1.2 above,

- Numerically and proportionally the largest positive difference in population is in the age group 30 to 34 (3,300 people, 17.7%).
- Three other age groups show a positive difference of more than 1,500 people or 10%. Age groups 10 to 14 (1,600, 13.6%), 15 to 19 (1,900, 11.8%) and 45 to 49 (1,900, 10.3%)
- Numerically and proportionally the largest negative difference in population is in the age group 90 and over (-500, -18.5%).
- All age groups up to the age of 70 show a positive difference in population (6.7%) while all age groups above 70 show a negative difference in population (-4.7%).
- As a proportion of the total population, across all age groups, the 2010 estimates are similar to the 2011 Census estimates.
- Using the age range 15 to 64 as an approximation of the working age population. There is a positive difference in the working age population of approximately 6.5% or 12,000 people.

### **3.1.3 Comparison to the South East and England**

The graph below compares the proportion (%) of people in Brighton & Hove by five year age groups with those in the South East and England.

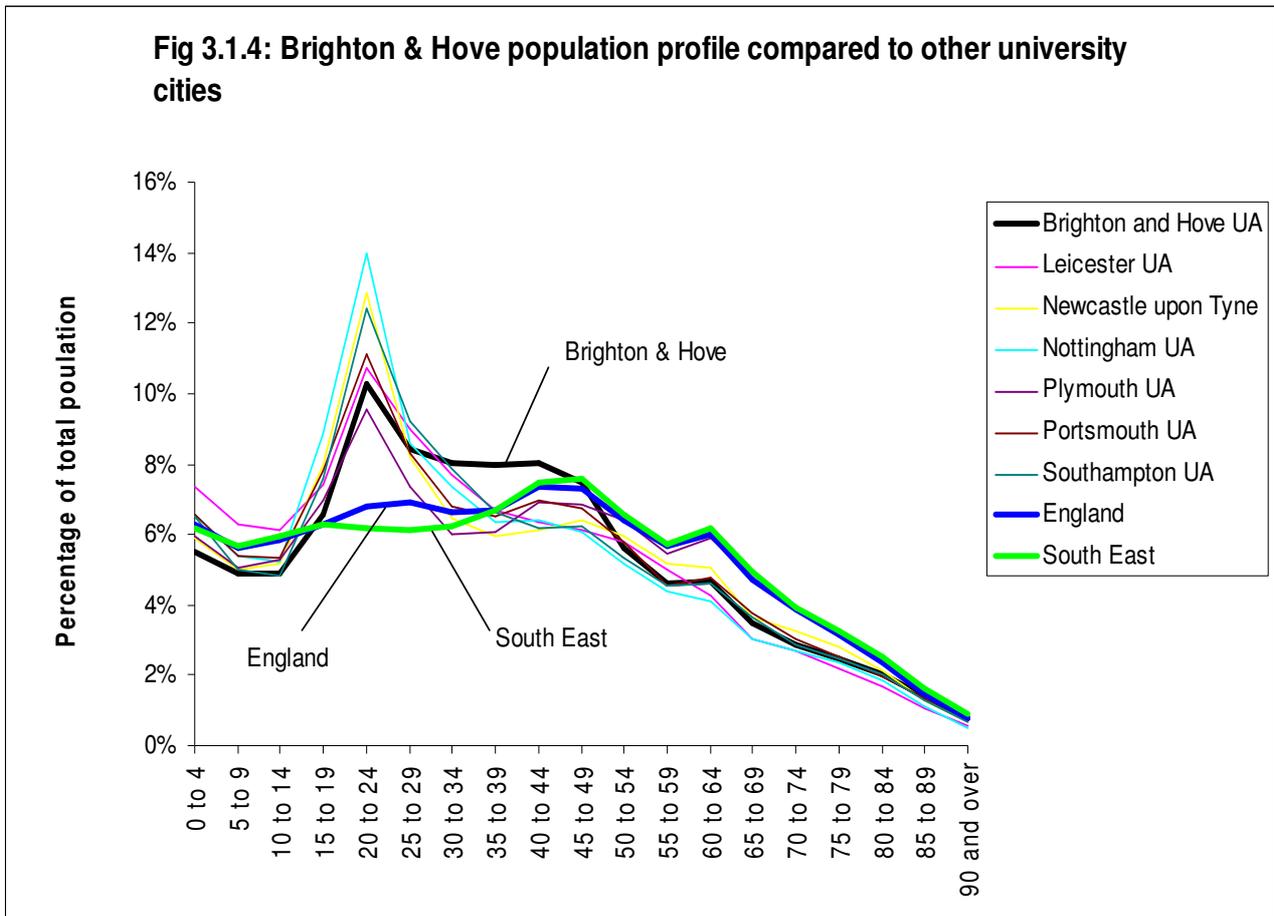
### Census 2011 - Percentage of total population by age group - Brighton and Hove



- While the population profiles for the South East and England are relatively similar (apart from those aged 20 to 29) their profiles are very different from that for Brighton & Hove.
- Brighton & Hove has proportionally fewer children aged under 14 and fewer adults aged 50 to 84.
- Brighton & Hove has proportionally more adults aged 20 to 39 particularly adults aged 20 to 25.
- Only for people aged over 84 is the Brighton & Hove population profile similar to that of the South East and England.

#### 3.1.4 Comparison to other student cities

Fig 3.1.4 below compares Brighton & Hove with other cities with comparable total populations (2011 Census) and or higher education student numbers.



Whilst the population profile for the city is broadly similar to the other university cities for age ranges 0 to 29 and 50 and over. Between approximately the ages 30 and 49 Brighton & Hove has proportionally more people than the other comparable university cities. More detailed work needs to be undertaken to estimate robust numbers but the probability is that for this age group there are likely to be in the region of 10,000 more people than might otherwise be expected.

### 3.1.5 Household estimates

According to the 2011 census estimates there are 121,540 households in the city with at least one usual resident. This is a 6.2% increase (7,061 households) compared to the 2001 Census. The South East has seen an 8.2% increase in the number of households while England has seen a 7.9% increase.

Compared to the 2001 Census the average household size in Brighton & Hove has increased from 2.09 people per household in 2001 to 2.25 people per household in 2011. However this is still the smallest average household size in the South East.

### **3.1.6 Second addresses**

More than one in twenty residents (16,659 people, 6.1%) also live at a second address in a different local authority or region for more than 30 days of the year. This is twice as many people that have a second address within Brighton & Hove (7,630 people).

The vast majority of people with a second address either in the city (82%) or outside the city (86%) are aged 16 to 64 but are not at the second address for work purposes.

## **3.2 What will be available next?**

### **3.2.1 ONS confirmed releases**

**23 November 2012:** Usually resident population estimates by five year age bands and sex and estimates of occupied households at ward level and below.

**11 December 2012:** Headline Key and Quick Statistic at the Local Authority level including;

- Ethnicity, nationality and county of birth
- Adults not in employment and dependent children and people with long term health problem or disability for all households
- Health and provision of unpaid care
- Lone parent households with dependent children
- Car and Van availability
- Qualifications and students
- Tenure, Dwellings, household spaces and accommodation type

**30 January 2013:** Full set of Key and Quick Statistics at ward level and below, parishes and parliamentary constituency.

**By end February 2013:** Key and Quick Statistics for remaining geographies such as National Parks and health areas together with population and household estimates by postcode.

## **3.3 Further 2011 Census data releases**

### **March 2013 – June 2013**

Multi-variable statistics, including for example

- Age by sex and resident type
- Sex and age by ethnic group
- Sex and age by economic activity
- Sex and age by general health and provision of unpaid care
- Country of birth by age and sex
- Sex and occupation by age

- Dwelling type and accommodation type by household space type

Statistics will be released in three phases, according to geography.

**First phase** – Geographies below ward level, local authority, regions and country

**Second phase** – Ward level

**Third phase** - Parishes, parliamentary constituencies, health areas, postcode sectors, and national parks.

**July 2013 – October 2013**

### **Detailed Characteristics and Themed tables**

Examples of detailed characteristics tables included;

- Age and highest level of qualification by ethnic group
- Number of employed people and method of travel to work by number of cars or vans in household

Themed Tables where data is collated and presented on a specific topic, for example;

- Health and long-term health problem or disability
- Ethnicity
- Households with people aged over 65

The tables will be made available for higher level geographies including middle layer super output areas, wards, unitary and local authorities, regions, country, health areas, and national parks. However, they cannot be produced for output areas or lower layer super output areas.