

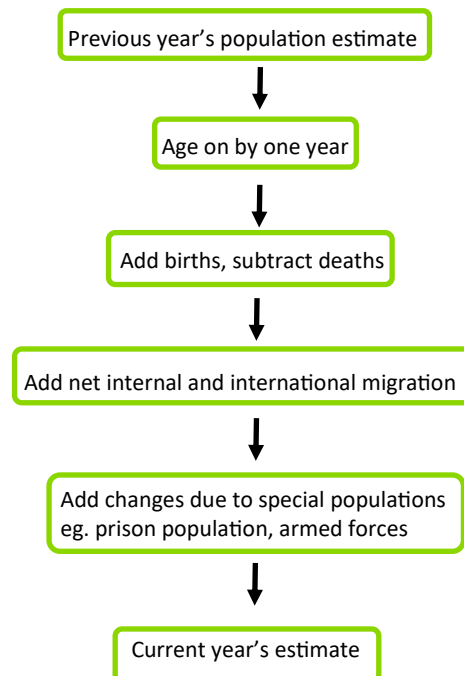
March  
2018

## Revised Mid-Year Estimates

Welcome to this **ourcommunities** bitesize bulletin on the revised Mid-Year Estimates 2012-2016.

### What are population estimates?

Population estimates for local authorities in England and Wales as at June 30th are produced by the **Office for National Statistics** on an annual basis. They are produced using the **cohort component method**. This method takes the starting population from the most recent census and then applies the estimated changes due to various 'components of change' (births, deaths and migration) since that point.



On March 22<sup>nd</sup> the ONS released revised Mid-Year Estimates for the years 2012-2016 at Local Authority geography and above. The revision was prompted by access to new and better data which means ONS are better able to measure the **local impact of migration**. They used this data to:

- improve the distribution model used to calculate LA emigration estimates for mid-2012 to mid-2016
- improved matching methods to better distinguish students, workers and other international in-migrants for the mid-2015 and mid-2016 estimates
- improved method for accounting for the migration of dependents of foreign armed forces personnel

As might be expected, the clearest impact of the revisions has been on those local authorities that have a **high student population**: in Bournemouth UA the revised 2016 estimates show a reduction in the population of 4,000 people mostly in the 16-64 age group.



## Impact of changes to emigration methodology

The impact of the changes on DCC Dorset districts and boroughs has been less marked. All areas saw an **increase** in population of less than 1%.

Population	2011	2012	2013	2014	2015	2016
Dorset - original	413,813	414,940	416,721	418,269	420,585	422,727
Dorset - 2018 revisions	413,813	414,965	417,025	418,498	420,847	422,933
Difference	0	25	304	229	262	206

Table 1. Total population change 2011-2016

The small differences in Table 1 above were largely driven by a decrease in international emigration between 2012 and 2013, seen below in Table 2. This occurred in largest numbers in Christchurch although all areas saw a decrease in emigration in this period. This resulted in a larger base population.

International Emigration	2012	2013	2014	2015	2016
Dorset - original	1,046	1,168	900	789	804
Dorset - 2018 revisions	1,028	893	961	824	840
Difference	-18	-275	61	35	36

Table 2. International Emigration 2012-2016

## Impact on 2016 population structure

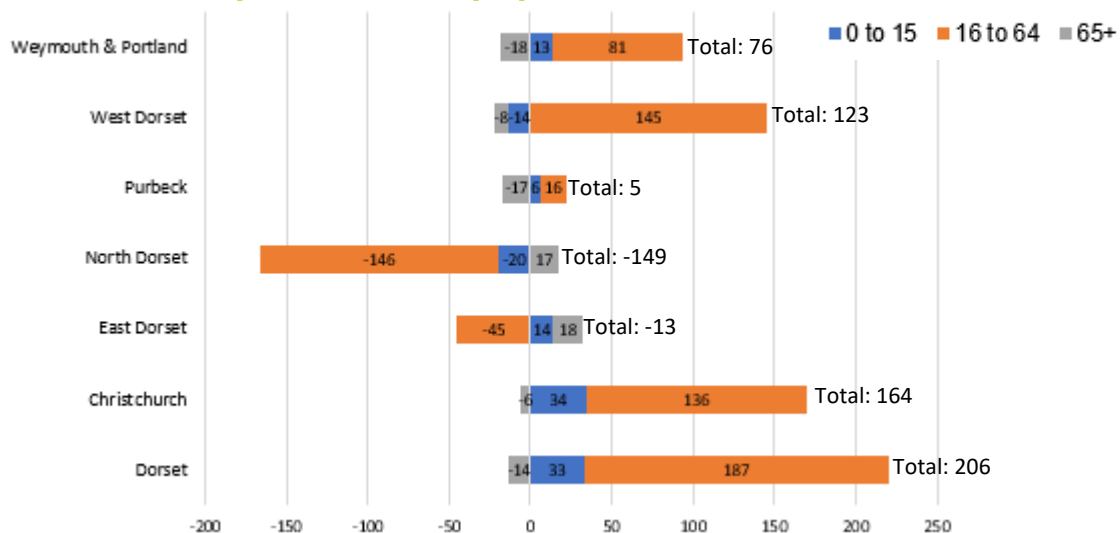


Fig.1. Difference in age groups between original and revised 2016 Mid-Year Estimates by age group.

Change in total population is varied across the districts with Christchurch seeing the largest increase and North Dorset the largest decrease in population. As might be expected, given that the change in methodology was mostly relating to international emigration, adjustment to the 16-64 yr old population was the main driver of the end result.

## What are we doing about it?

Understanding our population size and structure is key to service planning and understanding our communities. Visit [Dorset Statistics](http://Dorset Statistics) to keep up to date with the latest data releases and updates.