

# Components of population change

## Time series 2002 to 2012

### United Kingdom, local authorities

#### Introduction

MYE6TS6B\_(0212).csv: Annual mid-year population estimates, estimated components of population change for the United Kingdom, by local authority (LA): 30 June 2001 to 30 June 2012.

This release is based on the mid-2001 to mid-2010 revised UK population estimates release. It contains population estimates and components of change for the UK mid-year population series. This time series offers users a rich source of data from which to conduct further investigation and research.

A complete time series from [mid-2001 to the latest mid-year population estimates](#) can be found on the ONS website.

Data is presented for the United Kingdom by LA, for each year in the series.

This replaces the original version MYE6TS6A\_(0212).csv addressing the error in the age distribution of the mid-year population estimates for Scotland for mid-2012.

Further information on the cause of the error, its impact and how decisions were reached on the approach taken is available in the [Quality Management Information](#) document available on the ONS website.

#### Dataset

##### Definition of dataset

Sort order of dataset: LA in ascending LAD code order.

Data cells: 406 rows and 125 columns of data plus headings.

Format: CSV

Variables: as follows overleaf

lad2012_code	ONS Geography code for local authorities (LA) as defined at mid-2012. Further information on the LA codes and how they link to other ONS geographies is available from the <a href="#">ONS Geoportal</a>
lad2012_name	Local authority district or unitary authority name (2012)
country	Country coding: 'E'=England, 'W'=Wales, 'S'=Scotland, 'N'=Northern Ireland
population_20xx	Estimated mid-year population: e.g. where population_2012 is the estimate for 30 June 2012
births_20xx	Estimated number of births occurring in the twelve months to mid-year
deaths_20xx	Estimated number of deaths occurring in the twelve months to mid-year
natchange_20xx	Surplus of births over deaths taken as the difference of previous two variables
internal_in_20xx	Estimated in moves originating elsewhere in the UK during the twelve months to mid-year
internal_out_20xx	Estimated out moves terminating elsewhere in the UK during the twelve months to mid-year
internal_net_20xx	Surplus of internal migration in moves over out moves taken as the difference of previous two variables
international_in_20xx	Estimated international immigration moves originating from outside the UK during the twelve months to mid-year
international_out_20xx	Estimated international emigration moves terminating outside the UK during the twelve months to mid-year
international_net_20xx	Surplus of immigration moves over emigration moves taken as the difference of previous two variables
other_change_20xx	Includes estimated net effect of changes to special populations during the twelve months to mid-year. Special populations comprise prisoner, armed forces and their overseas based dependent populations. Also includes estimated population change not attributed to a specific cause in the twelve months to mid-year <sup>1</sup> and small adjustments necessary to account for issues such as minor LA boundary changes and large postcode areas that overlap LA boundaries.

xx=series year: 01-12 for population; 02-12 for components.

<sup>1</sup> Applies to series years 2002 to 2011 and reflects the residual remaining from the original 2001 Census based MYE series and the revised 2011 Census based series.

## Background Information

### International migration

Estimates for international in/out/net are adjusted for visitor switcher, migrant switcher and asylum seeker flows.

Note that separately published estimates of [Long Term International Migration](#) (LTIM) will not directly match the international migration estimates presented here. LTIM estimates have not been revised as a result of the 2011 Census. ONS has published the preliminary findings of a [review](#) into the quality of international migration estimates from 2001 to 2011, based on the published England and Wales revised population estimates. This work will be updated to reflect the revised UK population series and the full report will be published in early 2014.

### Migration data for Northern Ireland

Due to differences in publication practices, the migration estimates for local authorities in Northern Ireland presented in this release include flows to and from other parts of the UK as part of international migration rather than as part of internal migration. This difference is reflected in the total international migration estimates for Northern Ireland and the UK, which are derived by aggregating the local authority figures. International migration figures for Northern Ireland excluding moves to other parts of the UK are available from the Northern Ireland Statistics Agency (NISRA) Mid-Year Population Estimates [webpage](#).

### Protection against disclosure

These estimates are protected against disclosure of individuals' information. Estimates of births and deaths are consistent with those published elsewhere by ONS. Other population component estimates are the result of applying statistical models to administrative and survey data and are not exact counts.

## Useful links

An [Overview of Population Statistics](#) is available on the ONS website.

Latest publications and summaries of population estimates are available on the ONS [Population Estimates](#) webpage.

Mid-2012 population estimates for the United Kingdom are available on the [ONS website](#).

Population estimates methods are available from the ONS [Methodology](#) webpage.

Further information on the quality of mid-year population estimates can be found in the ONS [Population Quality and Methodology Information](#) webpage.

Details on the population estimates improvements made for estimating international and within UK migration at local authority level are available on the ONS [Migration Statistics Improvements Programme](#) webpage.

## Notes and Definitions

These figures provide more detail for the current published mid-year estimates for local authority districts in the United Kingdom for 2002-2012 and are consistent with the results of the 2011 Census.

It is ONS policy to publish population estimates rounded to the nearest hundred persons. These estimates and components are provided to enable and encourage further calculations and analysis. However, the estimates are not presented as being accurate to the level of detail provided. We suggest that data are rounded to the nearest 100 if quoted. Appropriate methods of disclosure control have been applied to prevent inference of information relating to individuals.

The estimated resident population of an area includes all people who usually live there, whatever their nationality. People arriving into an area from outside the UK are only included in the population estimates if their total stay in the UK is 12 months or more. Visitors and short term migrants (those who enter the UK for 3 to 12 months for certain purposes) are not included. The components of change provided in the file relate to the usual resident population only and will not show, for example, short-term migrants as part of the international migration flow.

Similarly, people who leave the UK are only excluded from the population estimates if they remain outside the UK for 12 months or more. This is consistent with the United Nations recommended definition of an international long-term migrant. Members of UK and non-UK armed forces stationed in the UK are included in the population and UK forces stationed outside the UK are excluded. Students are taken to be resident at their term time address.

Further advice on the appropriate use of these data can be obtained by emailing <mailto:pop.info@ons.gov.uk> or phoning +44 (0) 1329 444 661.

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