



CENSUS ADVISORY GROUP

AG (12) 09 - 2011 Census outputs update

2011 Census update on planned release of census statistics

1. Introduction

The next major release ('second release') of census statistics is planned within a window of December 2012 to February 2013. This release consists of the key statistics and quick statistics products for a number of geographical hierarchies, as well as estimates, by postcode, of population by sex and numbers of households.

This paper sets out progress to date on release of census estimates, the second release plans in more detail, and identifies some of the changes that have been made to the proposed key and quick statistics.

Advisory group members are asked to note the progress.

2. Outputs delivery and timing

ONS releases 2011 Census data as soon as we are satisfied that they meet our quality and statistical disclosure control criteria, bearing in mind the principles and protocols of the National Statistics Code of Practice, which require a minimum of four weeks' notice of release dates. Releases are on target for publication within the scheduled windows.

The processing of census data is a large and complex undertaking. Systems, methods and procedures are in place to produce the tables specified through the consultation process.

The release of products has evolved since the launch of the prospectus. Two new products have been added (estimates for the number of people with second addresses have been released; population and household estimates to the output area geographical level are scheduled for release this month), which reflect key user needs. In producing these additional products we have been careful to balance immediate user needs and the potential impact on the more major release of census statistics. Some change to planned products is inevitable, since final utility, quality and statistical disclosure control assessment can be made only on populated tables.

The current scope and plans for the release of census statistics is set out in the outputs prospectus <http://www.ons.gov.uk/ons/guide-method/census/2011/census-data/2011-census-prospectus/index.html>. The prospectus evolves in line with plans for census statistics and users are notified of updates via an email alert.

3. Progress to date: 2011 Census population and household estimates (release 1.0)

The following 2011 Census statistics have been published via the ONS website:

- 1.1 16 July 2012
Population and household estimates to local authority level for England and for Wales (rounded)
- 1.2 24 September 2012
Population and household estimates to local authority level for England and for Wales (unrounded)
- 1.3 22 October 2012
Usual residents by sex and broad age bands with a second address in another local authority, people in second address in local authority who are usually resident elsewhere (unrounded)

The final set of population and household estimates will also be made available via the ONS website:

- 1.4 23 November 2012
Population and household estimates to output area level for England and for Wales (five year age bands by sex, unrounded)

The census estimates released so far have been well received by users, including local and unitary authorities in England and Wales. ONS has met with a few local authorities to answer their queries and explain why they can have confidence in their estimates. The 2011 Census population and household estimates are designated as National Statistics, and their quality has been widely and publicly endorsed by external assessors. ONS is committed to maintaining the high standards set by the census statistical releases to date.

On 30 October 2012, ONS Geography published supporting reference data for the census products, including digital boundaries for the modified set of output areas, super output areas and workplace zones, look up files to enable linkage between the 2001 and 2011 output and super output areas, look up files from the 2011 output areas to a number of 2011 Census output geographies, a directory of 2011 enumerated postcodes to the 2011 output area hierarchy, and a number of other digital spatial and look up files. This information is available via the ONS website at <http://www.ons.gov.uk/ons/guide-method/census/2011/census-data/2011-census-prospectus/new-developments-for-2011-census-results/2011-census-geography/2011-census-geography-prospectus/index.html>.

4. Plans for the release of key and quick statistics (release 2.0)

The second major release will be in three phases:

Release 2.1

Date

11 December 2012

Contents

It is planned that this release will include the full package of key statistics and a selection of quick statistics tables (see Appendix A for list of 44 tables) for local authorities in England and Wales, supported by statistical bulletins for England and Wales, for Wales (in English and in Welsh), with commentary and short stories on international migration, ethnic group and religion, and Welsh language. The release will be accompanied by data visualisation and by a 'fact pack' product that provides quick reference 2001-comparability information for each local authority.

Amendments to current table specifications

As tables are populated and reviewed, some changes have become necessary for reasons such as statistical disclosure control, data utility, and ONS's commitment to producing high quality, unambiguous estimates that reflect information as provided to us by census respondents.

- The extended ethnic group, religion and country of birth outputs have been finalised to reflect the responses received.
- The intercensal change column in table KS101EW has been removed. This reflects the fact that population estimates for the first release were compared against the 2001 mid year estimates rather than the 2001 Census estimates.
- Table KS203EW, ethnic national identity, has been removed, as the balance between utility and statistical disclosure control at the output area level was not appropriate for a National Statistic. Cross-tabulations of national identity with ethnic group are being considered and may also be provided via the commissioned table service, subject to the standard terms and conditions.
- Labour market tables will be published for the 16-74 age group, for this release only. This is to facilitate comparison with 2001 given that statistical disclosure control means that we cannot add further age breakdowns at the output area level e.g. 16-64, 65-74, 75+. Releases 3.0 and 4.0, which contain the local and detailed characteristics respectively, will retain their more detailed age groups as currently specified.
Again, the commissioned table service¹ can provide further data on the labour market variables with age breakdowns as requested by users, subject to statistical disclosure control, bearing in mind that greater detail is likely to be balanced by production of the output at a higher level of geography.

A set of layouts corresponding to the tables that will be released will be published as soon as possible, and the log of changes to tables maintained in the prospectus will be updated to reflect changes.

¹ It should be noted that the commissioned table service will not anticipate outputs planned for future releases, and also that provision of the service during the production of the main releases of 2011 Census statistics will be resource dependent.

Release 2.2

Date

30 January 2013

Contents

This release (107 tables) will include the full package of key and quick statistics for the output area hierarchy in England and Wales, supported by a statistical bulletin for England and Wales, and short stories on selected topics. Information will also be provided for wards, parishes and parliamentary constituencies.

Release 2.3

Date

Before the end of February 2013. Date will be confirmed a minimum of four weeks before the release.

Contents

As for 2.2 for Welsh Government devolved constituencies, National Parks, as well as postcode sectors and health areas. Estimates of number of households and population by sex for each postcode will also be published.

Notes on release 2.0

Outputs for the urban areas and urban-rural classification will also be produced but the timing of these products has yet to be finalised.

A separate paper on dissemination channels provides information on accessing the statistics.

5. Plans for the release of local and detailed characteristics (releases 3.0 and 4.0)

Release 3.0 March to June 2013

Local characteristic tables – multivariates to output area geography. Release dates will be announced in due course, and dissemination channels will be confirmed as the application programming interface and data explorer are rolled out.

Release 4.0 July to October 2013

Detailed characteristics tables following release three – multivariates to middle layer super output area geography. Release dates will be announced in due course, and dissemination channels will be confirmed.

6. Plans for the release of UK population and household estimates

ONS will publish UK population and household estimates, supported by a statistical bulletin and data visualisation, concurrent with the first release of census data from Scotland which is scheduled for December 2012.

Appendix A: Release 2.1 tables

Table no.	Table title
KS101EW	Usually resident population
KS102EW	Age structure
KS103EW	Marital and civil partnership status
KS104EW	Living arrangements
KS105EW	Household composition
KS106EW	Adults not in employment and dependent children and person with long term health problem or disability for all households
KS107EW	Lone parent households with dependent children
KS201EW	Ethnic group
KS202EW	National identity
KS204EW	Country of birth
KS205EW	Passports held
KS206EW	Household language
KS207EW	Welsh language skills
KS208EW	Welsh language profile
KS209EW	Religion
KS301EW	Health and provision of unpaid care
KS401EW	Dwellings, household spaces and accommodation type
KS402EW	Tenure
KS403EW	Rooms, bedrooms and central heating
KS404EW	Car or van availability
KS405EW	Communal establishment residents
KS501EW	Qualifications and students
KS601EW	Economic activity
KS602EW	Economic activity – males
KS603EW	Economic activity – females
KS604EW	Hours worked
KS605EW	Industry
KS606EW	Industry – males
KS607EW	Industry – females
KS608EW	Occupation
KS609EW	Occupation – males
KS610EW	Occupation – females
KS611EW	NS-SeC
KS612EW	NS-SeC – males
KS613EW	NS-SeC – females
QS202EW	Multiple ethnic groups
QS203EW	Country of birth (detailed)
QS206WA	Welsh language skills
QS207WA	Welsh language skills (detailed)
QS209EW	Ethnic group (detailed)
QS210EW	Religion (detailed)
QS801EW	Year of arrival in UK
QS802EW	Age of arrival in UK
QS803EW	Length of residence in UK