

POPULATION AND MIGRATION STATISTICS (PAMS) COMMITTEE (SCOTLAND)

Census update – 9 October

Release 2A – Now available!

1. Release 2A of results from Scotland's Census 2011 were published on 26 September and can be accessed from the results section of the [Scotland's Census](#) website. These results include statistics relating to the following topics: Population - Marital and Civil Partnership Status; Ethnicity, Identity, Language & Religion; Health; and, Housing and Accommodation.
2. The full publication, '2011 Census: Key Results on Population, Ethnicity, Identity, Language, Religion, Health, Housing and Accommodation in Scotland - Release 2A' and relevant data can be found on the [Scotland's Census](#) website.
3. These results have been published at Scotland, council area and health board area levels.

Release 2A - table changes

4. As a result of Quality Assurance processes, the following tables were removed from Release 2A:
 - QS407SC 'Number of Rooms',
 - QS409SC 'Persons per Room - Households', and
 - QS410SC 'Persons per Room - People'
5. These will now be published in a later phase of Release 2 and we currently expect that will be 2C.
6. You may have seen that as we approached 2A, we published and maintained a Table Layouts worksheet alongside the prospectus. This includes a 'version control' sheet highlighting changes as they were made. We have prepared a similar document for 2B and it will be available shortly.

Release 1C - Part II, Table A2

7. Following feedback from users and as highlighted in Communications from the geography team and the recent census newsletter, the above table from Release 1C part II (A2 – 'Census Day usually resident population and households by census output area, 2011') was revised on 17th September 2013 to include new Output Area codes. The amended table ensures that the codes now run in sequential order by council area.

Scotland's Census – new results system

8. We have just completed our latest round of testing (both internal and external) of our new results system. The external usability testing, run by our partners User Vision, included the following local authority reps:
 - Paul McNamara (Stirling Council)
 - Allan Lambie (South Lanarkshire Council)
 - Steve Morley (North Ayrshire council)
 - Margaret Galbraith (Fife Council)
9. We also had input from Scottish Government, Scottish Parliament (SPICE), the third sector and the general public.
10. Feedback was overall very positive and we are very grateful to those who gave up their time (free of charge!) to help.
11. The system has been designed with three distinct user personas in mind, the Data Tourist (general public), the Data Analyst (who have a business need to use census data) and Data Miners (bulk data customers) and we are confident, following usability testing, that the system will indeed provide something for everyone.
12. We are now in the final stages of development, security testing etc and intend to launch the system on 31 October on www.scotlandscensus.gov.uk.
13. An overview of the system is provided below as Annex A.

Release 2B

14. As confirmed in our most recent prospectus – being published today (4 October) - we intend that Release 2B will be published on 14 November and will comprise the Key and Quick Statistics tables for Education and Labour Market. Annex B outlines the tables we expect this to include. These will be made available on our new results system via the Scotland Census website www.scotlandscensus.gov.uk.
15. These topics will be published at all census geographies. In addition, the other geographies for the Release 2A topics will also be released on 14 November as will the remaining two census profiles – 'Education' and 'Labour Market'.
16. As noted above, we will shortly publish a worksheet alongside the prospectus showing the Table Layouts for Release 2B tables and will keep this updated as we approach 14 November.

Release 2C

17. We intend that Release 2C will be published in mid-December and will comprise the Key and Quick Statistics tables for Living Arrangements at all levels of census geographies as well as those tables which were unavailable at 2A e.g. long-term health conditions and central heating.

Local and Detailed Characteristics

18. We expect to be in a position to begin publishing the Local and Detailed Characteristics (LC & DC) from January 2013. We continue to consider our plans around these releases which include a possible topic-based rolling release schedule.

19. This approach of publishing both LC and DC tables near-simultaneously by topic/ in batches of topics would allow us to make efficiencies in creating, checking and then releasing the tables. We are keen to hear any further views about this from PAMS members on 9 October or via: 2011comms@gro-scotland.gsi.gov.uk

Further outputs

20. Following the 2001 Census, a number of analytical topic reports were produced including:
- Gaelic
 - Inhabited Islands
 - Migration and Travel to Work or Study
 - Key Statistics for Settlements and Localities.
21. Depending on demand and resources available, we intend to produce similar reports for the 2011 Census but timing will need to be confirmed in due course.
22. National Records of Scotland (NRS) would be happy to hear views from PAMS on the need for such reports and others that we should consider. We will also consult further with analytical colleagues in the Scottish Government and other key census data users about the scope and priorities for what should be covered in a programme of census analytical work.

And finally...

23. NRS are now on Twitter - follow us: @NatRecordsScot
twitter.com/NatRecordsScot

Census Division
4 October 2013

System overview

The system will comprise six key components:

- 1. Area Profiles (for everyone)**- Get a snapshot of census results for a range of areas, comparing up to three areas at once. You can print or download the results. For 31 October profiles on Population, Identity, Health and Housing will be available.
- 2. Maps and Charts (for everyone)** A selection of interactive maps and charts covering Ethnicity, Identity, Language, Religion, Health, Population and Housing & Accommodation will be provided on 31 October. Two previously released charts on population, population chart comparator tool and a century of census will also be available.
- 3. Standard Outputs (aimed at Data Analysts)** - Allows users to select tables and geographies on an individual basis and present the results using 3rd party SuperWEB software. Users will be able to sort table columns and rows, view the data in percentages, view the data in a thematic map, view data in chart format and download the tables. Information on variables & classifications associated with your chosen table will also be provided. For 31 October, all Release 2A tables will be available.
- 4. Flexible Table Generation (aimed at Data Analysts)** - This will not be available for Release 2.
Our intention is to provide users with the functionality to create tables of their own design, view results as graphs and thematic maps, download results in various formats and save table designs for later re-use. However, what we can provide via Flexible Table Generation is heavily caveated by our disclosure control policy available on Scotland's Census website (www.scotlandscensus.gov.uk), and we have yet to assess what datasets could be provided safely. More information on Flexible Table Generation will be provided in advance of Release 3.
- 5. Data Warehouse - (aimed at Data Miners)** - The warehouse will contain all published Standard Outputs (Key Statistics, Quick Statistics, Local Characteristics and Detailed Characteristics tables) in CSV format. Users will be able to choose to download all published data in a single download or select any combination of releases as defined in the outputs prospectus on Scotland's Census website (www.scotlandscensus.gov.uk).

We anticipate some data warehouse users will upload the data into their own IT systems, so each download option will come with associated metadata (information on the structure and size of the tables). For those using GIS systems, Digital boundaries are also available to download. For 31 October, all Release 2A tables will be available. We may also include the CSV files produced to cover Release 1 data.
- 6. Supporting Information (for everyone)** - Reference information will be provided to support the use of census data. Information will range from what the census is and how census data shapes our future to detailed descriptions of variables and how they were derived. For 31 October variable descriptions will comprise those associated with Release 2A data.

Tables to be published in Release 2B

The tables below are expected to be published in Release 2B. These remain subject to change based on our quality assurance and disclosure control processes. Their intended layouts – also remaining subject to change – will be available on the Scotland's Census website shortly.

<u>Table Number</u>	<u>Table Title</u>
KS501SC	Qualifications and students
KS601SC	Economic activity
KS602SC	Economic activity - Males
KS603SC	Economic activity - Females
KS604SCa	Hours worked (UK harmonised)
KS604SCb	Hours worked
KS605SC	Industry
KS606SC	Industry - Males
KS607SC	Industry - Females
KS608SC	Occupation
KS609SC	Occupation - Males
KS610SC	Occupation - Females
KS611SC	National Statistics Socio-economic Classification (NS-SeC)
KS612SC	National Statistics Socio-economic Classification (NS-SeC) - Males
KS613SC	National Statistics Socio-economic Classification (NS-SeC) - Females
QS501SC	Highest level of qualification
QS601SC	Economic activity
QS603SC	Economic activity - Full-time students
QS604SCa	Hours worked (UK harmonised)
QS604SCb	Hours worked
QS605SC	Industry
QS606SC	Occupation
QS607SC	National Statistics Socio-economic Classification (NS-SeC)
QS612SC	Year last worked