



**Paper Title: Household Estimates and Projections update**

**Presented by: Sandy Taylor, Head of Household Estimates and Projection statistics, NRS**

<b>Security marking</b>	Not sensitive
<b>Can this be shared wider than PAMS?</b>	Yes
<b>Aims for discussion</b>	To update PAMS members on developments in household statistics, and seek feedback.
<b>Key questions for PAMS members</b>	Any suggestions for potential analysis of interest of 2022 Census data on households.  Feedback on issues to cover in a strategy for household statistics
<b>What is required from PAMS members</b>	Comments/feedback on the paper, in particular the key questions noted above

## Population And Migration Statistics (PAMS) Committee (Scotland)

### Household estimates and projections update

#### 1. Household and dwelling estimates

The [Households and Dwellings in Scotland, 2021](#) publication came out on 23 June. As with the previous publications in this series, statistics were provided on occupied dwellings, vacant dwellings (split into unoccupied exemptions and long-term empty properties), second homes and trends in household types. The publication also included analysis using the latest versions of the Scottish Index of Multiple Deprivation and Scottish Government Urban Rural classifications. An updated infographic (to illustrate the key findings) and interactive data visualisations (to enable viewing of key charts of data for selectable choice of councils and years) were also released.

Discussions continue between NRS and the Scottish Assessors to conclude a Data Sharing Agreement (DSA) that will enable us to access and publish summaries of data on dwellings by dwelling type and number of rooms. A Data Privacy Impact Assessment has been agreed with the Assessors, and a DSA is now being prepared. For the mid-2021 estimates publication, a breakdown of dwellings by council tax band at council and data zone level was included, as this is information that is effectively already in the public domain via the Assessors Portal.

#### 2. Small area household and dwelling estimates

The small area (2011 Data Zone) household and dwelling estimates data for 2021 were also released on 23 June, both on the [NRS website](#) and on [statistics.gov.scot](#). This data included updated information on unoccupied exemptions (eg dwellings that are new builds not yet occupied, undergoing repair or awaiting demolition) and long-term empty properties. An updated version of the [app](#) to enable visualisation of the small area data through an interactive map was also made available.

The data for 2022 required as input for the next set of small area household estimates has all now been returned and is undergoing quality assurance checks. We are grateful to local authorities for their continued help with this data collection. As part of this year's process we took some initial soundings about the feasibility of collecting data at an individual address (UPRN) level in the future. This would, subject to appropriate data governance being in place, open up the potential for more flexible analysis in combination with other data sets, eg data from the Assessors on dwelling characteristics.

#### 3. Household projections

The [2018-based household projections](#) published on 29 September 2020 remain the most recent set of projections available. The timing of the next set of household projections is dependent on when the underlying population projections are next updated. We do not therefore plan to publish updated household projections until after the next full (2021-based) set of population projections

are available, likely to be in mid-2024. In the meantime we will be reviewing the data sources and methodology used for the projections.

#### 4. Cross-government housing statistics group

The [Cross-Government Housing Statistics Group](#) (CGHSG) continues its work to review the quality, coherence and accessibility of official housing statistics across the UK. The Group meets online every few months; its next meeting is on 29 November.

#### 5. Census 2022 data on households

Data from Scotland's Census 2022 is expected to become available in phases from some time in the second half of 2023. In preparation for this we have been giving some initial thought as to the range of analysis of census data that would be useful and relevant on the topic of households.

Initially we are likely to focus on:

- carrying out a reconciliation analysis between the Census results on households and our published annual households estimates series
- extracting data required as inputs to the household projections, eg on household reference persons
- updating data sets for a number of categories of communal establishments for which the Census is the only reliable source.

We have also held initial discussions with analytical colleagues in NRS and SG on the potential scope for more in-depth analysis of census data on housing and households. These took into account the analysis published by NRS after the 2011 Census ([household composition and living arrangements](#)), feedback received earlier in the year from some members of the Household Analysis Review Group (HARG) and plans by ONS for analysis of census data on this topic. (ONS is due to publish the first of a series of topic reports on housing and households data from the 2021 Census for England and Wales on 5 January 2023.)

**We would be interested to receive any suggestions from PAMS members on specific analyses of interest on 2022 Census data on households.**

#### 6. Household statistics – a strategy

Over the last six months we have been working on developing a strategy paper to guide our work on household statistics over the next few years. This is in the wider context of the expected release of results from the 2022 Census, work on census futures (eg on how admin based data sources might replace or supplement the census) and a desire to better understand what users want from our household and other demographic statistics.

Feedback from members of the HARG earlier this year identified a number of suggestions of things to consider going forward. These included:

- data at the lowest geographic level possible, eg to enable aggregating up to housing market area, school catchment area
- comparing to census data at the lowest geographic area possible
- linking data on dwellings with council tax exemptions to other data, eg on health, benefits, house prices, council tax band and tenure
- additional council tax category detail on dwellings with disregarded exemptions and unoccupied exemptions, and date a dwelling was added to council tax list (and hence became part of housing stock)

So far we have identified a number of broad strands or themes for the strategy:

- improvements to business as usual
- building links to other statistics on households and related topics
- strengthening contacts with producers and users of statistics on households

A summary of tasks and associated priorities for these themes is provided in the annex to this paper. The strategy is still very much a work in progress, so we would **welcome any comments from PAMS members on it.**

## **7. Electoral Register statistics**

The latest (as at 1 December 2021) [summary statistics](#) of electoral register data were published on 5 April.

Preparations for the collection of data as at 1 December 2022 are well advanced, with the data request due to go out to Electoral Registration Offices in the next couple of weeks.

## **NRS: Household Estimates and Projections November 2022**

PAMS 22 2 (11)

**Annex: Household Statistics – summary of work priorities: April 2022 to March 2025**

	2022-23	2023-24	2024-25
	Priority (A=high, B=medium, C=low)		
<b>Business as usual</b>			
Annual publication of household/ dwelling estimates	A	A	A
Annual publication of small area household estimates	A	A	A
Biennial publication of household projections	B	A	A
PAMS/HARG – provide regular updates on work of household statistics branch	A	A	A
<b>Improvements to business as usual</b>			
Improvements to data processes	A	C	C
Extend data collected for small area household estimates – specifically on households with disabled people	B	B	B
Scottish Assessors data on dwellings – backfill data on dwelling type and number of rooms	A	C	C
Interactive data visualisations	B	B	B
Review and update methodology for household projections	A	C	C
<b>Strengthening contacts with other producers and users of household statistics</b>			
HARG – seek to extend membership to sectors not currently represented on group, eg academia	A	C	C
ONS household statistics group	B	B	B
Cross-government housing and planning statistics group	B	B	B
Blog articles and social media	B	B	B
<b>Improving linkage to other statistics on households</b>			
Comparison with household estimates based on Scottish Household Survey and Labour Force Survey data	A	C	C
Update methodology paper on how estimates of households and dwellings are produced across the UK	A	C	C
Explore potential for linking different data sets on households and dwellings	C	B	A
Develop links to NRS work on admin-based household estimates	C	B	A
Analyse data on households and housing from Scotland’s Census 2022	B	A	A
Review definitions of households and dwellings	C	C	C