



Paper Title: Interactive Visualisations Demonstration

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Security marking	Not sensitive
Can this be shared wider than PAMS?	Yes
Actions for PAMS members ahead of meeting	Review the paper and provide comments/feedback
Aims for discussion	To update PAMS members on the available interactive data visualisations, and seek feedback.
Key questions for PAMS members	Were you aware of these interactive visualisations? Do you use them? If so, could you give examples of how they are useful. Do you have any suggestions for improvements?
What is required from PAMS members	Comments/feedback on the paper

Population And Migration Statistics (PAMS) Committee

Interactive Visualisations Demonstration

Introduction

This paper provides a links and demonstration of some of the available interactive data visualisations produced by NRS.

NRS statistics teams produce a number of interactive data visualisations which are released along with our publications. These are available for a range of statistics including population, migration, households and baby names. Most of these visualisations allow users to select an area and compare various measures.

Examples of available visualisations

1. [Council area profiles](#)

Profiles for each council area bringing together statistics on population, births, deaths, life expectancy, migration, marriages, civil partnerships, households and dwellings. These profiles are updated regularly when we release the latest statistics.

We are improving the council area profiles so keep an eye out for our user feedback survey coming soon.

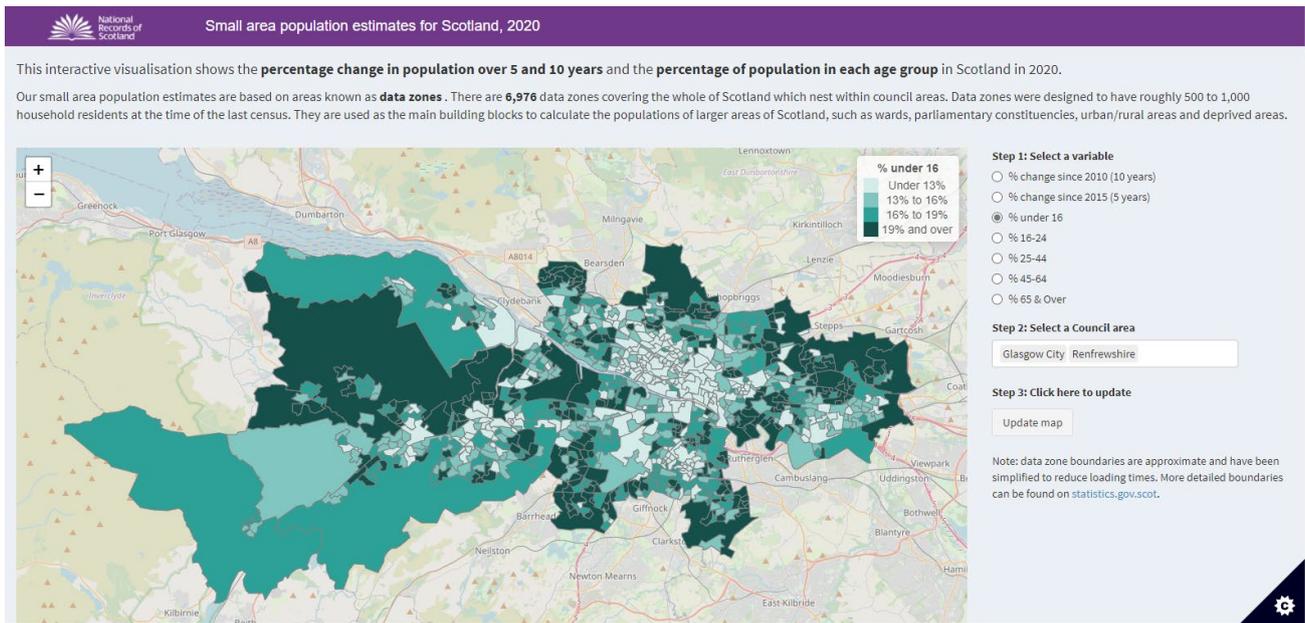
Figure 1: Screenshot of the council area profile for Orkney



2. [Map of small area population estimates](#)

We published an interactive map along with the mid-2020 small area population estimates. This allows users to explore statistics at data zone level such as percentage change in population over the last five years or the percentage of the population aged 65 and over.

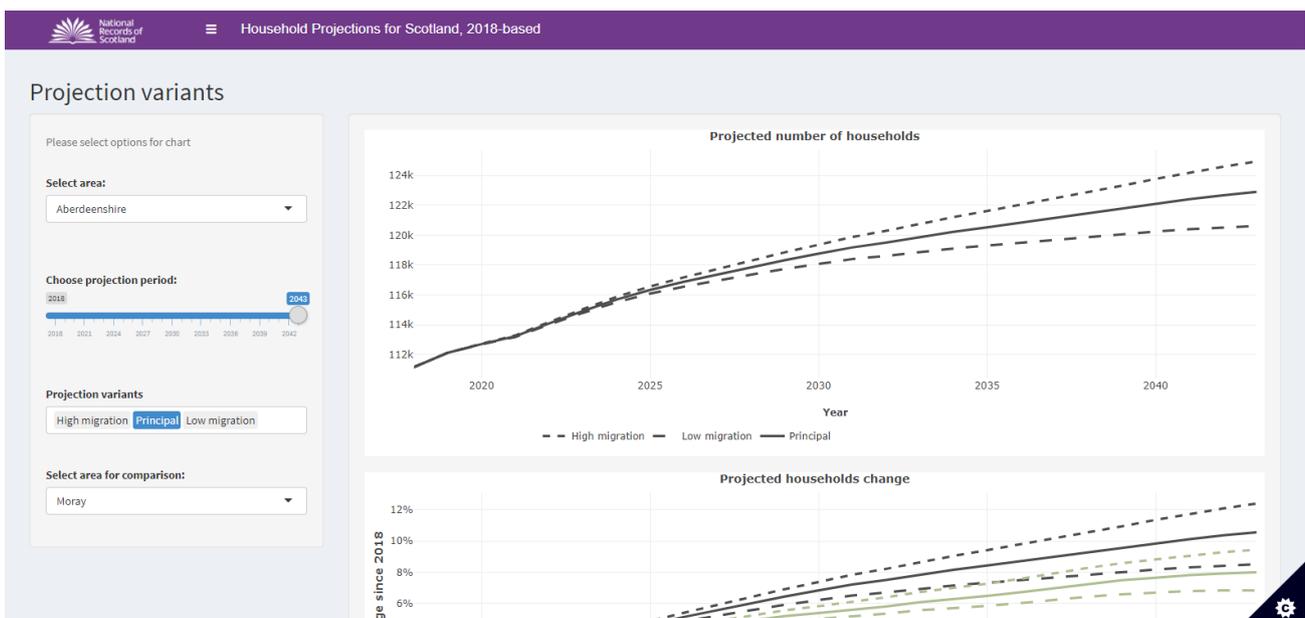
Figure 2: Screenshot of the small area population estimates map



3. [Household projections of Scotland and council areas](#)

Users can explore projected number of households, household size and age of household reference person in the household projections data visualisation. There's options to compare these measures by council area, as well as projection variants.

Figure 3: Screenshot of the household projections data visualisation



Links to all data visualisations

[Council area profiles](#): Profiles for each council area bringing together statistics on population, births, deaths, life expectancy, migration, marriages, civil partnerships, households and dwellings.

Population

[Population estimates of Scotland and council areas](#): Select a council area to view changes in population change and age structure over time.

[Small area population estimates of individual data zones](#): Search by postcode to view a map of its data zone and changes in population and age structure.

[Map of small area population estimates](#): Select a council area to view changes in population and age structure at small area level.

[Population projections of Scotland](#): Compare projected population and age structure in the future by variant for Scotland and the UK.

[Population projections of council areas](#): Compare projected population or age structure in the future by council area or variant.

Migration

[Local area migration](#): An interactive version of the local area migration spreadsheet.

[Map of internal migration within Scotland](#): Select area on the map to view the origin or destination of people moving to or from this area within Scotland.

Households

[Household Estimates for Scotland and council areas](#): Select a council area to view changes in number of households and average household size over time.

[Household projections of Scotland and council areas](#): Compare projected number of households or household size in the future by council area or variant.

[Map of small area households](#): Select a council area to view the percentage of dwellings that are vacant, second homes, receiving a single adult council tax discount, occupied and exempt from paying council tax, and long-term empty, in Scotland.

Vital Events

[Baby names](#): Search to see how popular a first name is in Scotland.

NRS: Population and Migration Statistics November 2021