UKDS Online Workshops: Social data and the third sector: skills, tools and evidence

Workshop 1. Evidence and impact using census data

Worksheet

Task:

1) **Find data to answer a question using InFuse.**

2) **Create and download a subset of data from InFuse**

About InFuse

InFuse is a free service providing easy access to aggregate data from the UK 2011 and 2001 censuses. InFuse is designed to guide users in selecting census aggregate data relating to combinations of characteristics and areas of interest to them.

Website: http://infuse.ukdataservice.ac.uk/

Activity: Downloading data

You are interested in the impact of COVID-19 on older people living alone in Birmingham. In particular, you want to answer the following question:

What is the percentage of people aged 65 or over and living alone across all wards in Birmingham?

Instructions

1. Select 2011 Census Data

1.

2. Select preferred route to your data

➢ Choose *Geography*

2.

3.

Geography

➕ **Show Guidance**

Select Geography

Reset

- ➖ ☐ England
  - ➕ ☐ Regions (9 areas)
  - ➕ ☐ Counties (35 areas)
  - ➖ ☐ Local Authorities (324 areas)
    - ➕ ☐ Adur
    - ➕ ☐ Allerdale
    - ➕ ☐ Amber Valley
    - ➕ ☐ Arun
    - ➕ ☐ Ashfield
    - ➕ ☐ Ashford
    - ➕ ☐ Aylesbury Vale
    - ➕ ☐ Babergh
    - ➕ ☐ Barking and Dagenham
    - ➕ ☐ Barnet
    - ➕ ☐ Barnsley
    - ➕ ☐ Barrow-in-Furness
    - ➕ ☐ Basildon
    - ➕ ☐ Basingstoke and Deane
    - ➕ ☐ Bassetlaw
    - ➕ ☐ Bath and North East Somerset
    - ➕ ☐ Bedford
    - ➕ ☐ Bexley
    - ➖ ☐ Birmingham
      - ➕ ☑ Wards and Electoral Divisions (40 areas)
      - ➕ ☐ Middle Super Output Areas and Intermediate Zones (132 areas)
      - ➕ ☐ Lower Super Output Areas and Data Zones (639 areas)
      - ➕ ☐ Output Areas and Small Areas (3223 areas)
      - ➕ ☐ Workplace Zone Layer (932 areas)

Selected Geographic Areas

Add	Remove	Remove All

All Wards and Electoral Divisions (40 areas) in Local Authorities (324 areas) - Birmingham

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3. Select Geography

   ➢ Expand *Local Authorities (324 areas)* using +

   ➢ Scroll down to *Birmingham*, expand options with +

   ➢ Select *Wards and Electoral Divisions (40 areas)*

   ➢ Scroll to bottom of page and select *Add* button
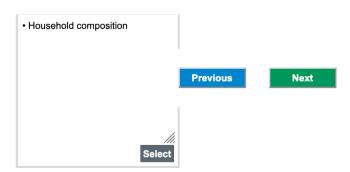
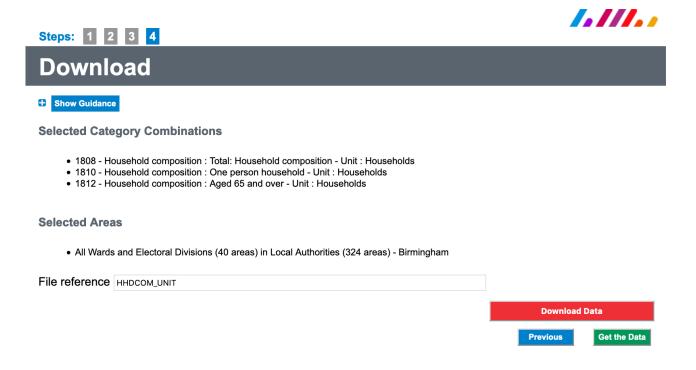   ➢ Select *Next*

4. Select Topic/Categories

   ➢ Select *Household composition*

   ➢ Detail of topic displays, select *Next*

   ➢ Expand *One person household* with +

   ➢ Select:

      1. Total Household composition

      2. One person household

      3. Aged 65 and over

   ➢ Select *Add*, Select *Next*

- Household composition

Previous	Next

Select

4.

Categories

➕ **Show Guidance**

Select categories

Clear Categories

- ➖ Household composition
  - ☑ Total: Household composition
  - ➖ ☑ One person household
    - ☐ Aged 0 to 64
    - ☑ Aged 65 and over
  - ➕ ☐ One family only
  - ➕ ☐ Other household types

- ➖ Unit
  - ☑ Households

Selected category combinations

Add	Remove	Remove All

1808 - Household composition : Total: Household composition – Unit : Households
1812 - Household composition : Aged 65 and over – Unit : Households
1810 - Household composition : One person household – Unit : Households

5. Download data

➢ Select *Get the Data*

➢ Select *Download Data*

➢ The data file will download as a zip file

Steps: 1 2 3 4

Download

➕ Show Guidance

Selected Category Combinations

- 1808 - Household composition : Total: Household composition - Unit : Households
- 1810 - Household composition : One person household - Unit : Households
- 1812 - Household composition : Aged 65 and over - Unit : Households

Selected Areas

- All Wards and Electoral Divisions (40 areas) in Local Authorities (324 areas) - Birmingham

File reference HHDCOM_UNIT

Download Data

Previous   Get the Data

6. (Optional) Open the data file in Excel (or equivalent)
   ➢ Explore the data
   ➢ Questions:
      1. How many one-person households, where the householder is 65 or over, are there in Bartley Green?
      2. What percentage of households in Bartley Green is this?
      3. What is the percentage of people aged 65 or over and living alone across all wards in Birmingham?