



Household Tenure

Overview

This resource involves investigation of household tenure as reported in the 2011 Census. Students are provided with suggested background reading in order to introduce the topic and then they explore the datasets in DataNation to understand the pattern of Socially Rented accommodation across Britain and in more detail across Scotland. This resource also includes a data handling exercise, exporting data from DataNation for manipulation in Excel.

This exercise can easily be adapted to suit your own local area, region or country. Provide background reading to start by finding article relating to housing issues and initiatives in your area. Then follow the analysis and comparing exercises to explore the patterns relevant to your area.

Starter

Begin by introducing the subject of affordable housing and social housing with the following news articles:

1. £568m for affordable housing: <https://news.gov.scot/news/gbp-568m-for-affordable-housing>
2. North Sighthill to be transformed with £35m mixed tenure housing development: <http://www.scottishhousingnews.com/17182/north-sighthill-to-be-transformed-with-35m-mixed-tenure-housing-development/>

Main Activity

Students now move onto viewing and analysing the Household Tenure Census data within DataNation.

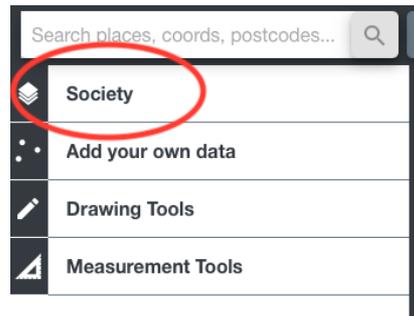
1. Go to the DataNation homepage: DataNation.edina.ac.uk
2. Enter your school's username and password and click login.

Exercise 1.



Begin by displaying the 'Households that are socially rented' layer:

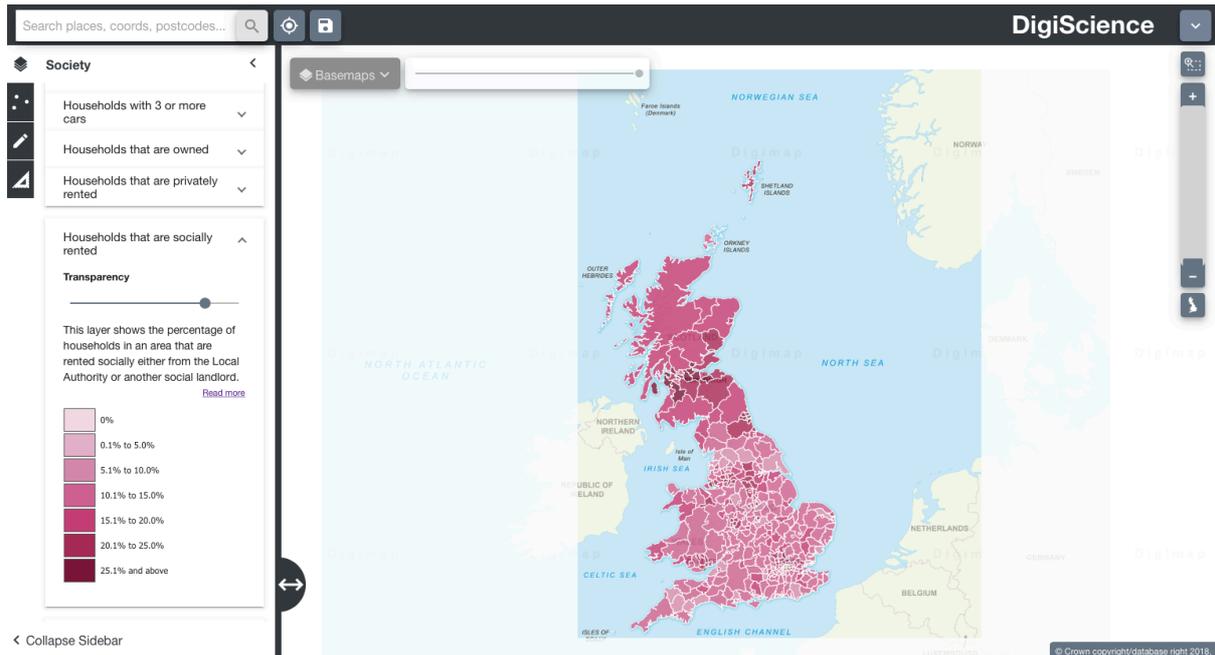
1. Click the Society tab in the left-hand panel



2. Scroll down to the Household section of available layers and click on the 'Households that are socially rented'



3. The map view will update and display the percentage of households that are socially rented across Great Britain. Ensure you are zoomed out to view the whole country.



4. Explore the data by zooming in (double-click the mouse or use the zoom bar on the top right) and panning the map.

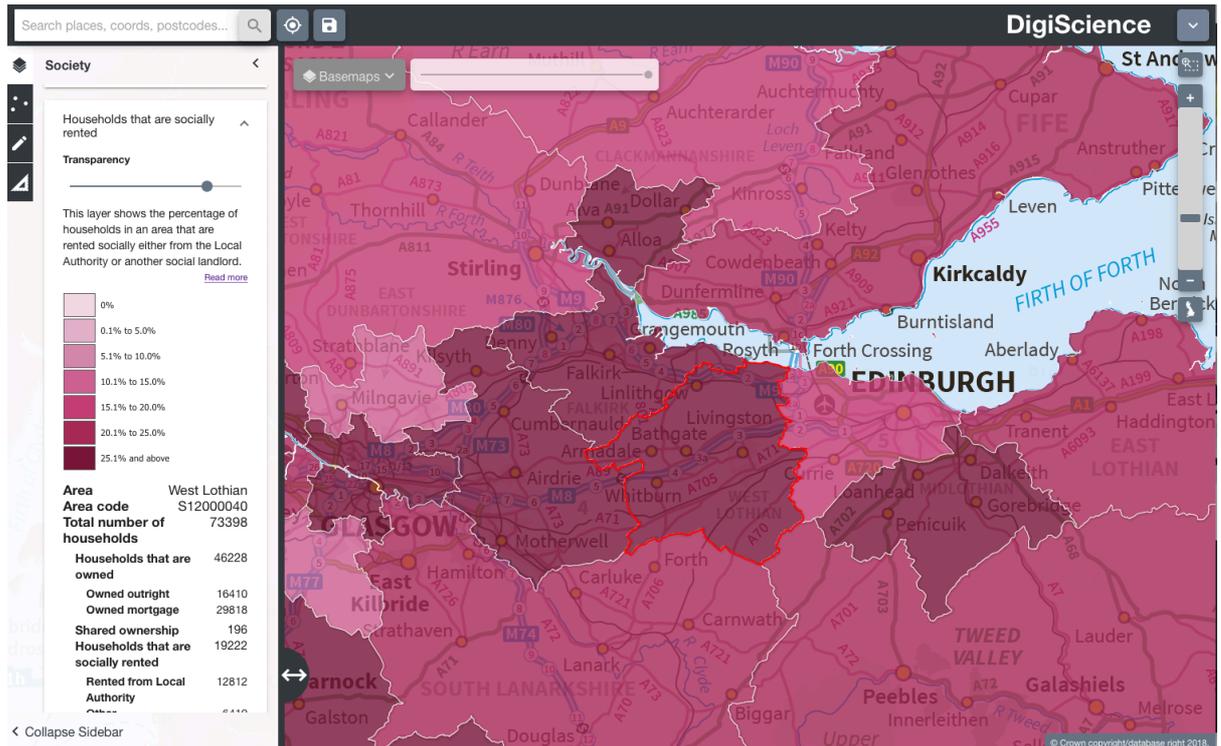
Questions, Analysis and Interpretation

- Are socially rented houses evenly distributed across the UK?
- Do all Scottish Local authorities provide comparable levels of socially rented houses?

Exercise 2.

Explore a single Scottish Local Authority in more detail.

1. Click on the map to select a single Local Authority. The selected authority will be highlighted with a red outline and the full statistics for the authority will appear on the left-hand panel.



The data on the left-hand panel shows all the related statistics for that area in the Household Tenure dataset. It shows the total number of households in the selected area, and then breaks down in more detail characteristics of the households. For example, number of houses that are owned outright and those that are mortgaged.

Questions, Analysis and Interpretation

- Describe the data under 'Households that are socially rented' for your selected Local Authority
- Compare with some other authorities (selecting one at a time)

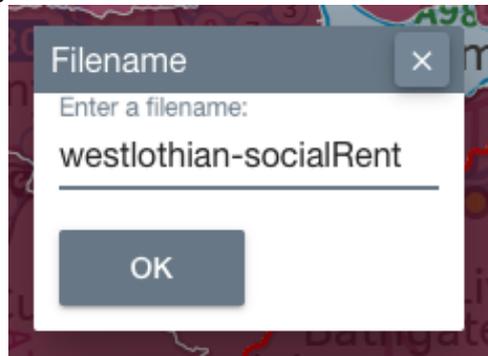
Exercise 3.

1. Download the data for a selection of authorities one by one. Click on an authority to select it as in Exercise 2.
2. Then click the **download** button in the left-hand panel



Authority	
Other	6410
Households that are privately rented	7121
Private landlord	6428
Other	693
Living rent free	631
Download	

- Next, enter a name for your file and click ok.



- Your data will be downloaded as a CSV file, navigate to where it has been saved on your computer and double click to open it in Excel.

	A	B	C	D	E	F
1	area_name	area_code	all_househol	owned	own_outright	own_mortga s
2	West Lothian	S12000040	73398	46228	16410	29818
3						
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- Repeat these steps to download data for a selection of Local Authorities.
- Open your data in Excel and copy and paste into a single worksheet

	A	B	C	D	E	F
1	area_name	area_code	all_househol	owned	own_outright	own_mortga sh
2	West Lothian	S12000040	73398	46228	16410	29818
3	City of Edinburg	S12000036	223051	131477	60420	71057
4	Midlothian	S12000019	34978	22593	9633	12960
5	East Lothian	S12000010	42905	27844	12424	15420
6						



Questions, Analysis and Interpretation

- Organise and present the data to support your interpretation of the current picture of housing tenure in Scottish Local Authorities.
- Consider alternative ways to present the data than as a map, for example of different types of charts in Excel. Does this lead to different interpretations of the data?

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	area_name	area_code	all_households	owned	own_outright	own_mortgage	shared_own	rent_social	rent_council	rent_other	private_rent	private_land	private_other	rent_free		
2	West Lothian	S12000040	73398	46228	16410	29818	196	19222	12812	6410	7121	6428	693	631		
3	City of Edinburgh	S12000036	223051	131477	60420	71057	1342	37956	20305	17651	49878	45689	4189	2398		
4	Midlothian	S12000019	34978	22593	9633	12960	109	9317	6530	2787	2578	2144	434	381		
5	East Lothian	S12000010	42905	27844	12424	15420	230	10171	8090	2081	4074	3666	408	586		
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West Lothian Household Tenure 2011 Census						City of Edinburgh Household Tenure 2011					