

A quick tour of census 2011

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Research and Intelligence Manager

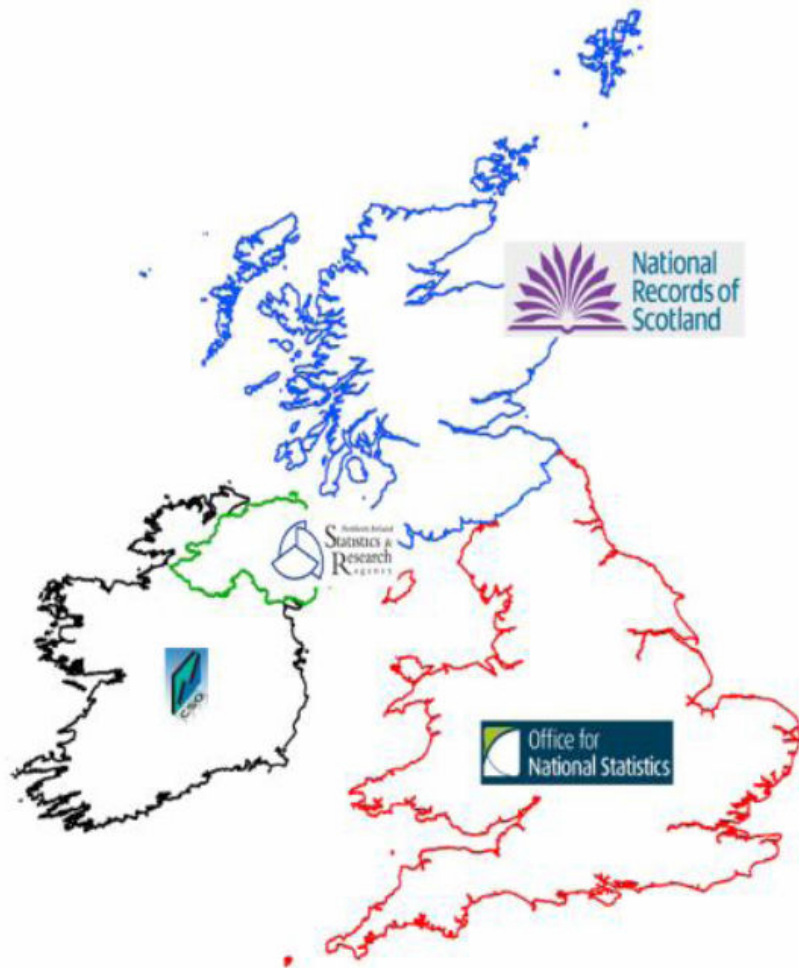
What is a census?

“The total process of collecting, compiling, evaluating, analysing and publishing demographic, economic and social data pertaining at a specified time, to all persons in a country or well delimited parts of the country”

United Nations (1998)



The census in the UK





Household Questionnaire
 England
Office for National Statistics



Complete online

www.census.gov.uk
 Your personal internet access code is:

OR fill in this paper questionnaire and post it back using the pre-paid envelope supplied.

If your address is incorrect or missing, enter your correct address here:

Return to:
FREEPOST 2011 Census,
Processing Centre, UK

A message to everyone - act now

Everyone should be included in the census - all people, households and overnight visitors. It is used to help plan and fund services for your community - services like transport, education and health.

Please complete your census questionnaire on **27 March 2011**, or as soon as possible afterwards, you can fill it in online or on paper. Taking part in the census is very important and it's also compulsory. You could face a fine if you don't participate or if you supply false information.

Your personal information is protected by law. Census information is kept confidential for 100 years.

So help tomorrow take shape and be part of the 2011 Census.

J. N. Mahon
J. N. Mahon
 National Statistician

Where can you get help?

- www.census.gov.uk
- Census helpline 0300 0201 101
- Text Relay 18001 0200 0201 100

Help is available in large print and Braille

Declaration

This questionnaire has been completed to the best of my knowledge and belief.

Signature:

Date: Telephone number:

We may contact you if we need to collect missing information.

If you have lost your envelope, please return to FREEPOST 2011 Census, Processing Centre, UK

H1



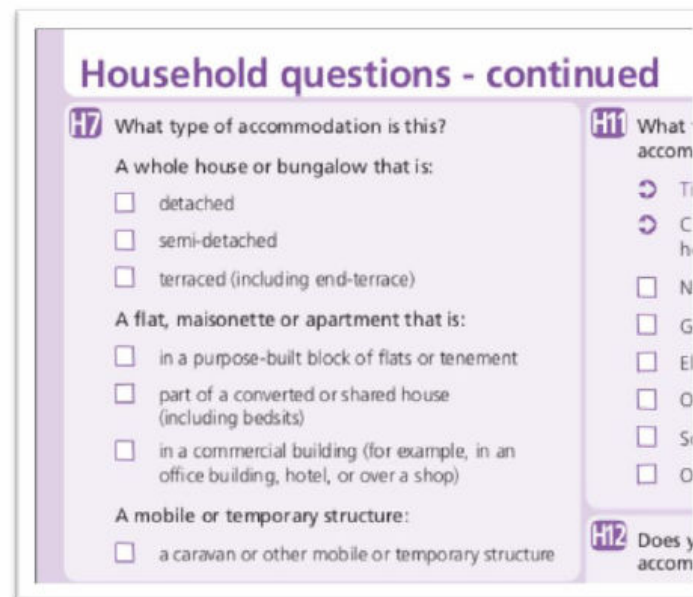
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UK Data Service
 Census Support



Household census questions

- accommodation type – house or flat?
- own or rent?
- how many rooms?



The image shows a screenshot of a household census questionnaire titled "Household questions - continued". It contains three main sections of questions:

- H7** What type of accommodation is this?
 - A whole house or bungalow that is:
 - detached
 - semi-detached
 - terraced (including end-terrace)
 - A flat, maisonette or apartment that is:
 - in a purpose-built block of flats or tenement
 - part of a converted or shared house (including bedsits)
 - in a commercial building (for example, in an office building, hotel, or over a shop)
 - A mobile or temporary structure:
 - a caravan or other mobile or temporary structure
- H11** What : accom:
 - T
 - C
 - N
 - G
 - E
 - O
 - S
 - O
- H12** Does y accom



Changes from 2001 census

- An option to complete the form online
- Migrants asked about their date of arrival and how long they intended to stay in the UK
- Questionnaire included tick boxes for same-sex civil partnerships in relevant questions
- English, Northern Irish, Scottish and Welsh national identity tick-box options included
- A question about the number of bedrooms a household has, as well as the names, gender and birth dates of any overnight guests
- A question asking how well a respondent can speak English
- No question on whether a resident has access to a bath or shower
- The section on ethnicity was expanded
- Included usual residents and any visitors staying the night on census day, 27 March 2011

Output census data is geographic

Census key statistics - - 2011 Census key statistics - - 2011 Census key statistics - - 2011 Census key statistics - - 2011 Census key statistics

Leicester

Population density 2011 (persons/ha) 45.0

Who we are				How we live			What we do					
	Males	Females	Persons		Number	%		Number	%			
Population 1991	130,217	140,276	270,493	Day-to-day activities not limited	272,702	82.7%	Providing unpaid care	30,965	9.4%			
Population 2001	134,784	145,137	279,921	Day-to-day activities limited a little	29,522	9.0%	All residents aged 16-74	242,232				
Population 2011	162,884	166,955	329,839	Day-to-day activities limited a lot	27,615	8.4%				Students	40,905	16.9%
<u>Age structure</u>				(all aged 16+)						- economically active full-time students	13,301	5.5%
			<u>Number</u>				In paid employment (not studying full time)	128,142	52.9%			
0-4			24,297	Qualifications at level 1 or above	186,151	71.4%	Unemployed (not studying full time)	14,982	6.2%			
5-15			44,982				- long-term unemployed	6,109	2.5%			
16-64			223,344	Single (never married)	108,120	41.5%	- unemployment rate (ec. active residents aged 16-74)		9.6%			
65-74			18,888	Married or in a reg. same-sex civil partnership	110,860	42.6%	Looking after home or family	15,035	6.2%			
75+			18,328	Separated	7,104	2.7%	Long-term sick or disabled or otherwise ec. inactive	20,733	8.6%			
Born in UK			218,996	Divorced	18,579	7.1%	Retired	22,435	9.3%			
Born in Southern Asia			45,290	Widowed	15,897	6.1%						
Born in South and Eastern Africa			26,817	Total households	123,125		Industry of employment	137,494				
Born in Europe (non-UK)			19,689	Population in households	321,527	97.5%	Agriculture, forestry & fishing	162	0.1%			
				Average household size	2.6		Mining, quarrying, energy & water supply	2,801	2.0%			
White:British			148,629	<u>Household composition</u>			Manufacturing	20,584	15.0%			
Asian/Asian British:Indian			93,335	One person households	36,951	30.0%	Construction	7,082	5.2%			
Black/African/Caribbean/Black British			20,585	- one person:senior citizen	12,057	9.8%	Wholesale & retail trade	26,042	18.9%			
Mixed/multiple ethnic group			11,580	All households with dependent children	41,129	33.4%	Transport & storage	7,502	5.5%			
Asian/Asian British:Pakistani			8,067	- lone parent with dependent children	10,408	8.5%	Accommodation & food services	8,258	6.0%			
Other White groups			18,007	<u>Tenure</u>			Communication, finance, real estate	8,433	6.1%			
Other Asian/Asian British groups			21,068	Owner occupied	61,170	49.7%	Professional, scientific, technical	5,043	3.7%			
Other ethnic groups			8,568	Social rented	31,270	25.4%	Administrative & support service activities	7,479	5.4%			
Christian			106,872	Private rented	27,999	22.7%	Public administration & defence	6,289	4.6%			
No religion			75,280				Education	13,919	10.1%			
Muslim			61,440	No central heating	3,449	3.0%	Health & social work	18,488	13.4%			
Hindu			50,087	Overcrowded	18,756	15.0%	Other	5,412	3.9%			
Sikh			14,457	Average number of rooms per household	5.0		<u>Occupations</u>					
Other religion			3,358	No car	45,375	37.0%	Managers, directors and senior officials	9,556	7.0%			
Religion not stated			18,345	Household spaces	127,383		Professional occupations	19,628	14.3%			
(of persons aged 3+)				With at least one usual resident	123,125	96.7%	Associate professional and technical	12,808	9.3%			
Main language is English			228,295	With no usual residents	4,258	3.3%	Administrative and secretarial	13,883	10.1%			
Cannot speak English			4,705	Detached	13,390	10.5%	Skilled trades occupations	12,636	9.2%			
				Semi-detached	44,880	35.2%	Caring, leisure and other service occupations	13,388	9.7%			
				Terraced	40,290	31.6%	Sales and customer service occupations	14,859	10.8%			
				Flat	28,757	22.5%	Process plant and machine operatives	17,406	12.7%			
				Caravan or temporary structure	66	0.1%	Elementary occupations	23,330	17.0%			

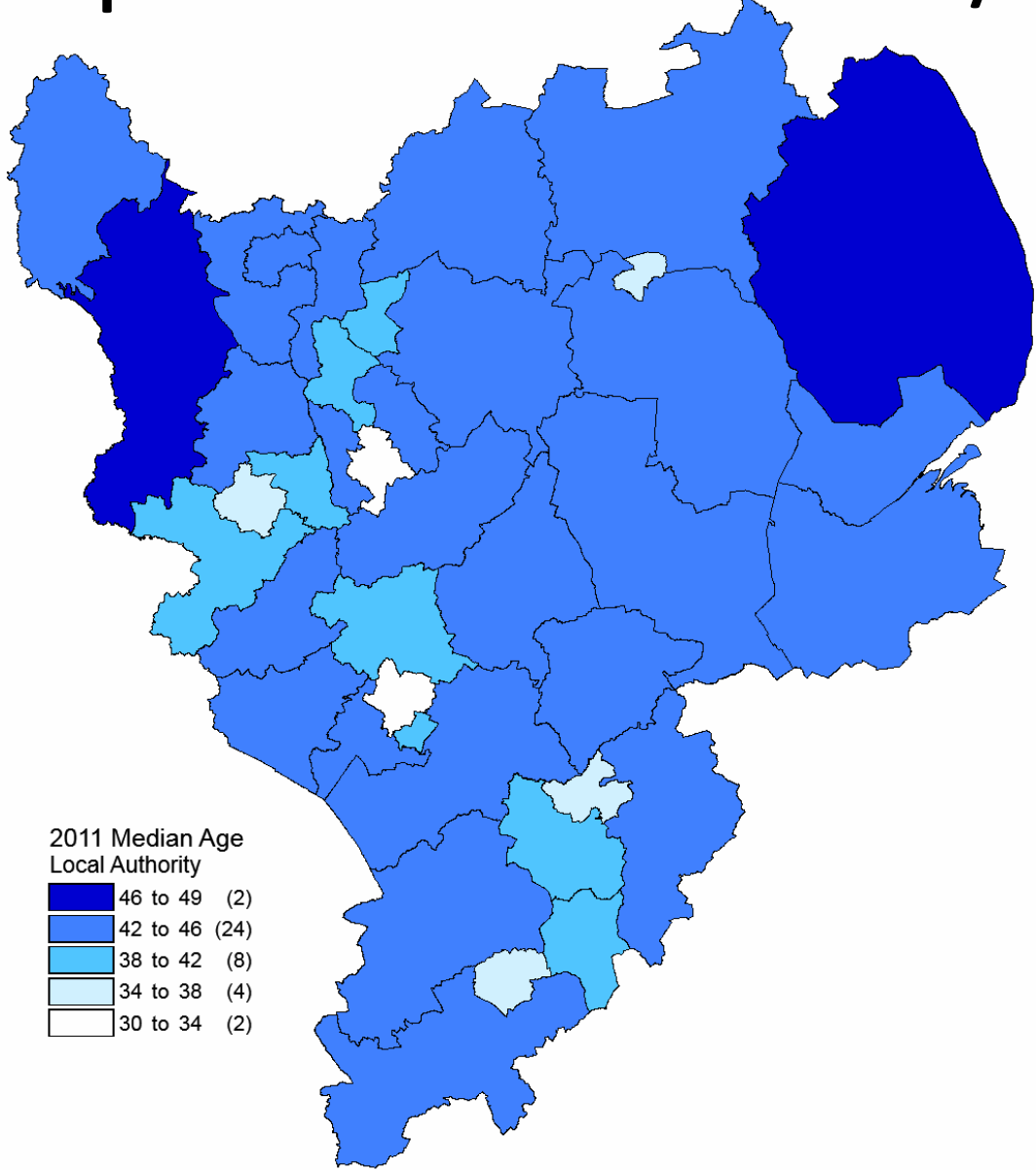
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Geographical visualisation/analysis



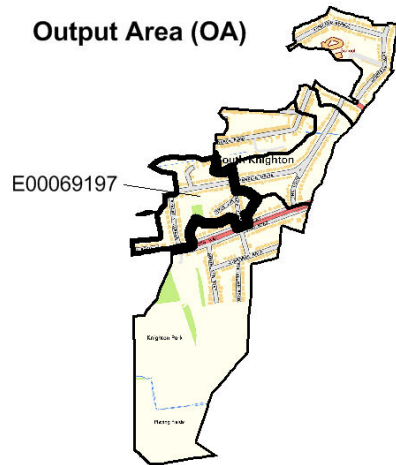
Census output areas



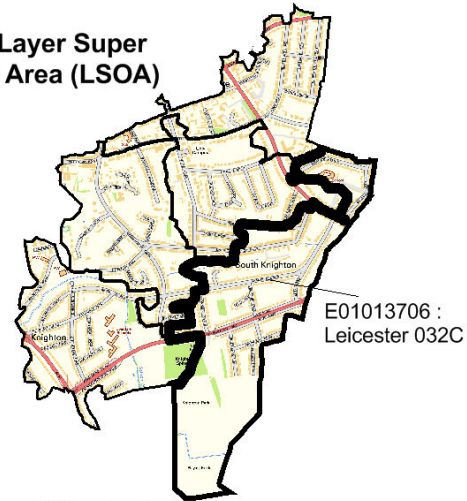
GEOID ↓	totpop	male	female
E00069169	392	194	198
E00069187	251	121	130
E00069192	346	160	186
E00069196	309	148	161
E00069197	330	162	168

2011 Census geography hierarchy

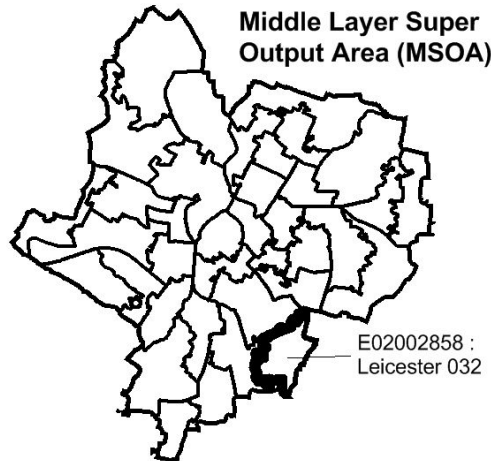
Output Area (OA)



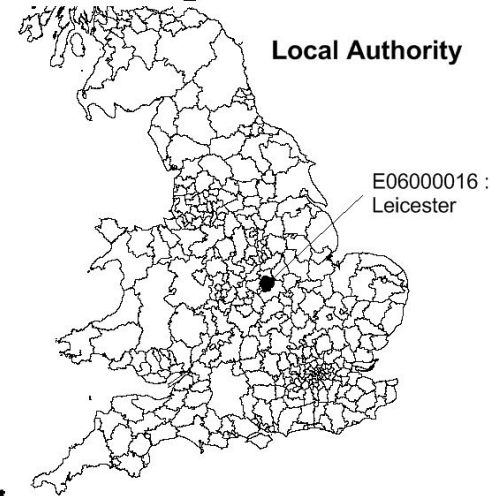
Lower Layer Super Output Area (LSOA)



Middle Layer Super Output Area (MSOA)



Local Authority



Census statistics help to describe the structure of the resident population

- Population attributes, including:
 - Age
 - Ethnicity
 - Education
 - Health
 - Household composition
 - Economic activity
- Changes in these attributes since the last census in 2001
- Travel to work and commuting patterns
- At different geographic scales
 - National and regional
 - Travel-to-work area
 - Local authority area
 - Neighbourhood

Using census statistics

- Requires time and expertise
- Possible, in principle, to link with data from other sources
- Best if interpretation is informed by local insight and intelligence

Health warnings

- Caution is required when interpreting census statistics at smaller geographical levels
- Not all measures are directly comparable from one census to the next
- Full set of census 2011 results not yet released

Illustration of the type of analysis possible with census data

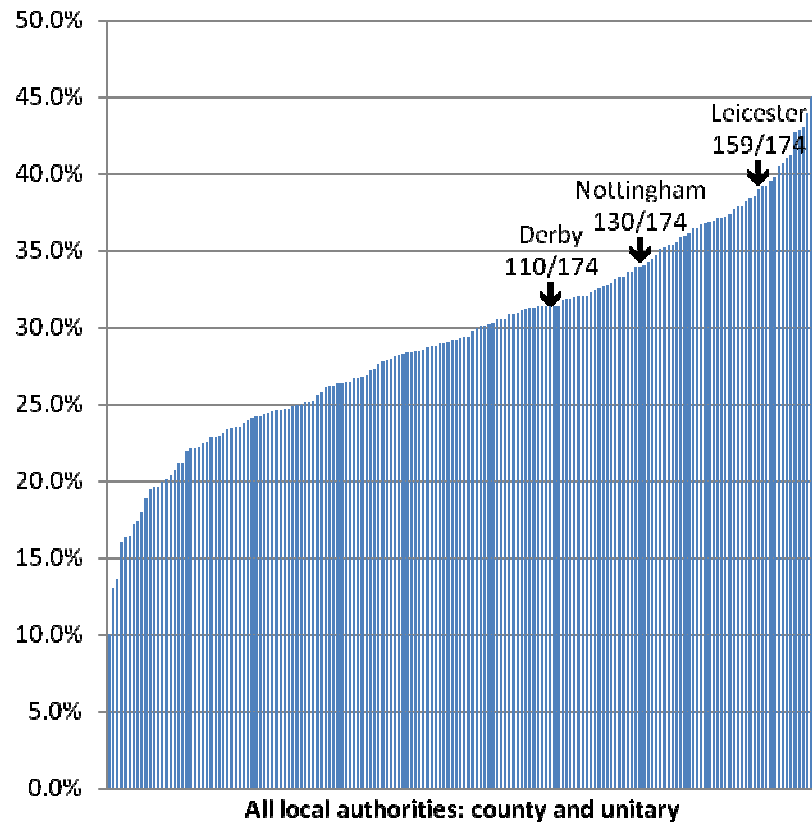
Focus on qualifications

Choice of measures

- No qualifications
- Level 1 qualifications
- Level 2 qualifications
- Apprenticeship
- Level 3 qualifications
- Level 4 qualifications and above
- Other qualifications

% of adults with no qualifications

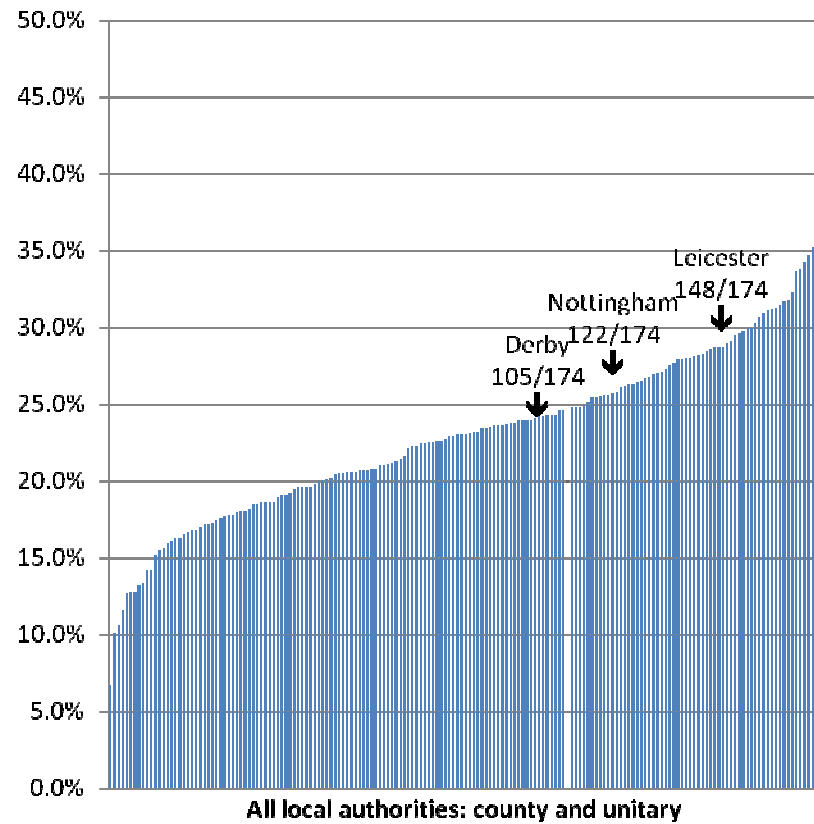
2001



All local authorities: county and unitary

Residents aged 16-74

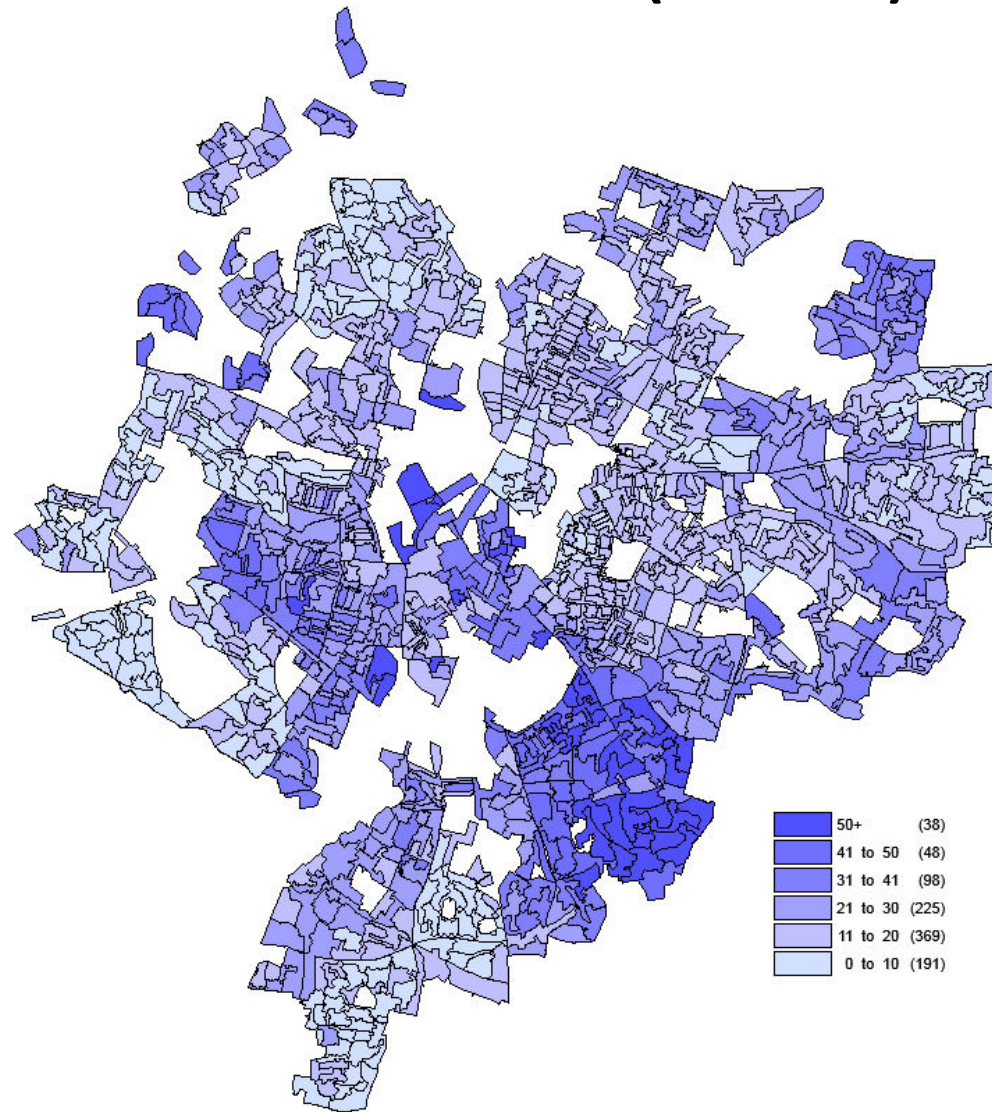
2011



All local authorities: county and unitary

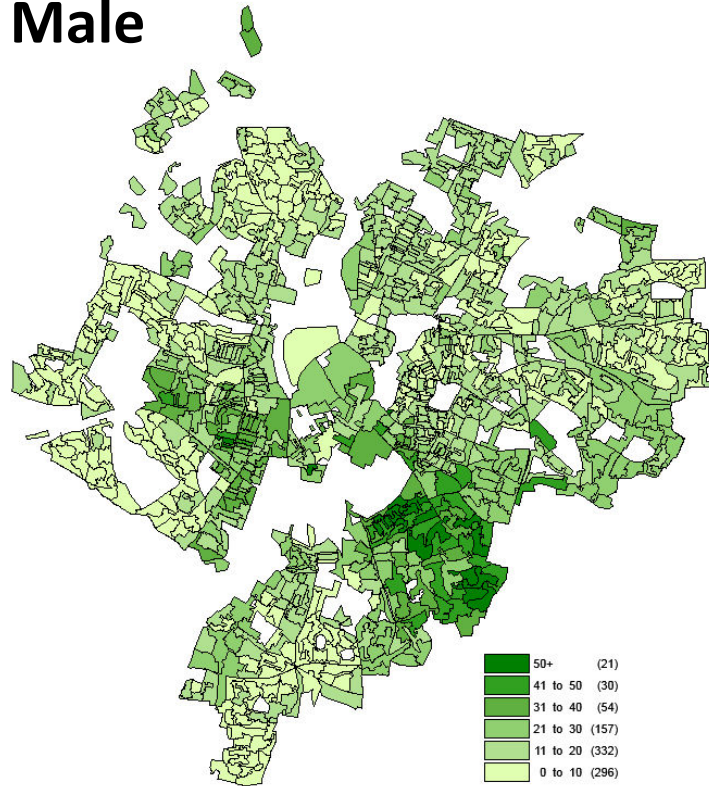
Residents aged 16 and over

% of adults with level 4 qualifications and above (2011)



% of adults with level 4 qualifications and above (2001)

Male



Female

