Britain by numbers
How well do you know Britain?
What is the UK Census?

A count of all people and households. Every ten years since 1801. Last held on Sunday 27 March 2011. Covers everyone at the same time.

Asks the same core questions. For researchers and policy-maker, a very valuable snapshot of demographic and social life.
Our population size

UK Population 1911-2011

...shows growth of UK population

63.2 million

Why is there a gap in the middle?

Source: Census - Office for National Statistics, Northern Ireland Statistics and Research Agency, National Records of Scotland
Our population characteristics

UK population by broad age group

Source: Census - Office for National Statistics, Northern Ireland Statistics and Research Agency, National Records of Scotland
Where we live

People’s housing circumstances can have a big effect on their lives.

Issues: Enough? Affordable? In good repair?

Information from the census but only a few questions every 10 year.

The English Housing Survey:
• commissioned by government
• collects information from a representative sample of households (12,970 in 2016-17)
• about
  • housing circumstances
  • the condition and energy efficiency of housing
Where we live: tenure

Tenure
- owner occupation
- social rented sector
- private rented sector

Of the 23.1 million households in England what % are owner occupiers?

Tenure in England
- owner occupiers 63%
- social renting 17%
- private renting 20%

Source: English Housing Survey 2016-2017

Base: all households
Note: underlying data are presented in Annex Table 1.1
Sources:
1980 to 1991: DOE Labour Force Survey Housing Trailer;
1992 to 2008: ONS Labour Force Survey;
2008-09 onwards: English Housing Survey, full household sample

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What proportion of households did NOT have a car or van in 2017?
Proportion with no car/van dropped dramatically since 1970s

Proportion of households with more than one car also increased

Source: National travel survey and 1971 UK Census
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A bonus question!

For those aged, 7-10, what do we think is the most common reason cited?

Obesity - a major public health problem
concern about increased risk of poor health

But what proportion of adults are 1) underweight 2) normal weight 3) overweight and 4) obese

Health Survey for England
...interview and nurse visit
...BMI (uses height and weight - kg)

‘Fat and thin man, Dusseldorf 2010’ by Rui Fernandes: https://www.flickr.com/photos/ruifernandes/5727618334
Health and well-being: Obesity

Source: Health Survey for England 2016
Youth smoking

What percentage of young people had tried smoking by age 14?

- 6.3%
- 16.8%
- 26.4%
- 38.6%

In 2015/2016, Child of the New Century (or the Millennium Birth Cohort study) found it was …
…what’s a birth cohort study?

A birth cohort study follows a group of people born at a similar date or period of time.

Following the same people over time means we can learn how and why people change as they get older.
• collecting data about 19,000 children born in the UK in 2000-01

• at regular intervals from the children, from parents and teachers

• the Age 14 Sweep took place between January 2015 and March 2016
What % of those between 21 and 64 are graduates...

In the ...UK? London? North West? Wales?
Graduates across areas of Great Britain

London: 56
Wales: 47
Scotland: 42
South East: 36
UK: 56
South West: 36
East of England: 36
North West: 36
Yorkshire and the Humber: 36
West Midlands: 36
East Midlands: 36
North East: 36

Source: ONS, Annual Population Survey and Labour Force Survey
https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/employmentandemployeetypes/articles/graduatesintheuklabourmarket/2017
What is average household income?

Mean
Median (income of individual in the middle of the distribution)

Source: Office for National Statistics
Income

Which picture best describes the income distribution?
Higher earners results in a skewed or nonsymmetric distribution

The mean is influenced by extreme values

Source: Office for National Statistics
Family Resources Survey

annual study of the income and living conditions of people living in the UK.
on behalf of the Department for Work and Pensions (DWP)

income and benefits, occupation and employment, education, tenure and housing costs, health and ability to work, caring needs and responsibilities, family circumstances, childcare and child maintenance, pensions, assets and savings
What we think

Attitudes
Opinions
What we think? Gender roles

“a man’s job is to earn money”

“a women’s job is to look after the home and family”

What proportion disagreed with this view in 2017, 2008, 1984?
Views on traditional gender roles, 1984-2017

Source: NatCen’s British Social Attitudes survey
http://www.bsa.natcen.ac.uk/media/39248/bsa35_gender.pdf
“For some crimes, the death penalty is the most appropriate sentence?”

What proportion of people support this view today?
2014 BSA survey: support for the death penalty fell below 50% for first time

Proportion agreeing "For some crimes, the death penalty is the most appropriate sentence"

A broader trend of more liberal attitudes

Source: NatCen’s British Social Attitudes survey
http://www.bsa.natcen.ac.uk/media/39147/bsa34_moral_issues_final.pdf
Well done!