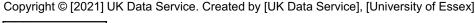


Finding and accessing data in the UK Data Service

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Data Access Assistant

15th April 2021





What we will cover in this session

Introducing our data

- Finding data
- -Key Data
- -Data by Theme
- -Data Catalogue
- Useful resources: HASSET, Data Map

- Understanding the Data Set & Series records
- How to Access Data
 - Access conditions
 - Downloading data
 - Online data access

What is the UK Data Service?

- A comprehensive resource funded by the ESRC
- Single point of access to a wide range of secondary social science data

Support, Training and Guidance

Sources of Data

- National statistical authorities
- UK government departments
- Intergovernmental organisations
- Research institutes
- Individual researchers

Who is it for?

- students
- Government analysts
- Charities and foundations
- Business consultants
- Independent research centres
- Think tanks

Types of data available from us

Survey Microdata

- Major UK surveys
- Cross-national
- Longitudinal

Census

- Aggregate data for 1971-2011
- Microdata for 1981-2011

International Macrodata

 Multi-nation aggregate databanks & Survey data

Qualitative/Mixed methods

- Range of multimedia qualitative data sources
- Mix of qualitative and quantitative data

Data Categorization

- By type
- Detailed data about persons
 - UK surveys
 - Census microdata
 - Cohort and longitudinal studies
 - Cross-national surveys
 - Business surveys
- Data about places
 - Small areas census data
 - Countries international time series
- Qualitative and mixed method

By purpose

- Research
- Teaching

By detail

Variables and questions

Quantitative Data Example

	AgeB2	sgrade	Soc	Soc2	gor	sex	Eth	Reg	gen	tenure	Empstat	qual	marstat	access	Income	Broadsheet
1	35-44	E	C2DE	DE	North We	Male	White	North	Generati	Rented f	Not work	GCSE/0-L	Married/	Has inte	11500 -	no BROAD
2	35-44	C1	ABC1	C1C2	North We	Male	White	North	Generati	Rented f	Not work	A-Level	Married/	Has inte	25000 PL	no BROAD
3	35-44	C2	C2DE	C1C2	East Mid	Female	White	Midlands	Generati	Owner (b	Working	Vocation	Married/	Has inte	25000 PL	no BROAD
4	65+	D	C2DE	DE	East Mid	Female	White	Midlands	Baby boo	Owned ou	Not work	Vocation	Married/	Has inte	17500 -	no BROAD
5	65+	D	C2DE	DE	East Mid	Male	White	Midlands	Pre war	Owned ou	Not work	Vocation	Divorced	No inter	-1	no BROAD
6	35-44	C2	C2DE	C1C2	East Mid	Male	White	Midlands	Generati	Rented f	Working	GCSE/0-L	Married/	Has inte	-1	no BROAD
7	55-64	C1	ABC1	C1C2	North We	Male	White	North	Baby boo	Owned ou	Working	A-Level	Married/	Has inte	25000 PL	no BROAD
8	45-54	C1	ABC1	C1C2	North We	Female	White	North	Generati	Owner (b	Working	GCSE/0-L	Divorced	No inter	17500 -	no BROAD
9	16-24	D	C2DE	DE	North We	Female	White	North	Generati	Owned ou	Working	A-Level	Single	Has inte	-1	no BROAD
10	55-64	C1	ABC1	C1C2	North We	Female	White	North	Baby boo	Owned ou	Working	Vocation	Divorced	Has inte	25000 PL	no BROAD
11	65+	В	ABC1	AB	West Mid	Female	White	Midlands	Pre war	Owned ou	Not work	No forma	Divorced	No inter	-1	no BROAD
12	55-64	C2	C2DE	C1C2	West Mid	Female	White	Midlands	Baby boo	Owned ou	Not work	Vocation	Married/	Has inte	6500 - 1	no BROAD
13	35-44	C1	ABC1	C1C2	West Mid	Male	White	Midlands	Generati	Owner (b	Working	A-Level	Married/	Has inte	25000 PL	no BROAD
14	65+	C2	C2DE	C1C2	West Mid	Female	White	Midlands	Pre war	Owned ou	Not work	No forma	Divorced	No inter	11500 -	no BROAD
15	55-64	C1	ABC1	C1C2	North We	Female	White	North	Baby boo	Owned ou	Not work	A-Level	Married/	Has inte	-1	no BROAD
16	65+	C1	ABC1	C1C2	Scotland	Male	White	Scotland	Baby boo	Owned ou	Not work	Other	Divorced	Has inte	6500 - 1	no BROAD
17	45-54	C1	ABC1	C1C2	Scotland	Female	White	Scotland	Generati	Owner (b	Working	A-Level	Married/	Has inte	25000 PL	BROADSHE
18	16-24	C1	ABC1	C1C2	Scotland	Female	White	Scotland	Generati	Owner (b	Working	A-Level	Single	Has inte	-1	no BROAD
19	65+	D	C2DE	DE	Scotland	Female	White	Scotland	Baby boo	Owned ou	Not work	No forma	Married/	Has inte	17500 -	no BROAD

SN 8059: Public Attitudes to Animal Research Survey, 2016.

Qualitative Data Example

Information about interviewee

Date of birth : 1902 Gender : M Marital status : Married

Occupation : Railway worker

Geographic region : Stoke-on-Trent, Staffs

I : Can I have your full name please?

FW: Frank Woolley.

I : And your present address?

FW: 34 Speedwell Street, Longton.

I : And are you married?

FW: Yes.

I : And the year of you marriage?

FW: 1930.

I: The year you were born?

FW: 1902.

I : And where were you born?

FW: Ashfield Road, Longton.

I : Can you remember how many years you lived in Edgefield Road in the house where you were born?

FW: No, I'm afraid not.

I: Can you remember if you stayed in that house until 1918 or were there any moves in between?

FW: Oh there's moves in between.

I: Can you remember where you moved to from Edgefield Road?

FW: The first address I can remember living in is number 8 Heathcote Street, as I can remember living in. So I must have been a baby when I left Edgefield Road.

I : So you can't have lived there very long at all?

FW: No. And then the next address is Melvin Street.

I : Can you remember how long you were there?

FW: Oh I should be there 'til I'm about nine I should imagine, eight or nine.

I : And then where did you move to?

FW: 57 Speedwell Street. And that's - that's where I stayed 'til I was married.

I : Do you remember why the family made all these moves?

FW: Oh well in them days they used to do, families could go anywhere. There was always houses empty you know.

I: Do you know why this was?

FW: Well - I couldn't say really. 'Cos I can remember in this row here, three or four houses empty at a time.

I: Couldn't people afford them?

FW: Well they could afford a them but they could move anywhere - but the reason why did move into Speedwell Street is when the family was getting bigger, had a three roomed house see.

I : So as the family increased you need a larger house?

FW: Yes.

I : Can you remember how many brother and sisters you had?

FW: I had three brothers, seven sisters.

I : So there was eleven children altogether?

FW: Yes.

SN2000: Family Life and Work Experience Before 1918, 1870-1973.

Finding Data

Finding Data: Key Data

British Social Attitudes

This National Centre for Social Research (NatCen) survey tracks people's changing social, political and moral attitudes and informs the development of public policy. It has been conducted since 1983, with over 3,000 respondents annually and questions repeated periodically.

Citizenship Survey

The Citizenship Survey was conducted seven times between 2001 and 2011. It was designed to capture information on community cohesion, civic engagement, race and faith, and volunteering.

Community Life Survey

The Community Life Survey was first commissioned by the Cabinet Office in 2012-2013. It is an annual household survey conducted with adults resident in England, covering a range of topics including measures that are key to understanding society and local communities, such as volunteering, charitable giving, civic engagement and social action.

Continuous Household Survey

The Continuous Household Survey (CHS) is one of the largest continuous surveys carried out in Northern Ireland. It has been conducted by the Northern Ireland Statistics and Research Agency (NISRA) since 1983 and covers a wide range of social and economic issues.

Crime Survey for England and Wales

The Crime Survey for England and Wales (formerly British Crime Survey) asks over 50,000 people living in households in England and Wales about their experiences of crime in the last 12 months.

Site search Accessit

About us	Get data	Use data	Manage data	Deposit data

Home > Get data > Key data

Key data

Browse our most popular datasets, by data type.

UK surveys	Cross-national surveys	Longitudinal studies	International macrodata
Census data	Business microdata	Qualitative / mixed methods	Administrative data

SHARE <

These UK surveys can be used to produce national estimates.

They can all be used to describe a population at one point of time and most can be used to compare populations at more than one time point. Many are large surveys that are used to inform policy.

- . Data Catalogue of UK surveys
- · Case studies relating to UK surveys

<u>Annual Population Survey</u>

The Annual Population Survey (APS) combines data from the Labour Force Survey (LFS) and national boosts. Datasets contain 12 months of data and responses from 155,000 households and 360,000 people. It thus improves intercensal monitoring of key variables for a range of policy purposes.

British Social Attitudes

This National Centre for Social Research (NatCen) survey tracks people's changing

European Election Study

European Election Studies (EES) have taken place for six of the seven European parliamentary elections held since 1979, with the exception of 1984. The format for each EES is a core survey – maintaining comparability over time – and a thematic module, chosen for its pertinence to the election.

http://doi.org/10.5255/UKDA-SN-5341-1

European Quality of Life Survey

The European Quality of Life Survey is a pan-European survey that examines a range of issues, such as employment, income, education, housing, family, health, work-life balance, life satisfaction and perceived quality of society.

European Social Survey

The European Social Survey (ESS) is a biennial multi-country survey covering over 30 nations. Its aim is to measure and explain trends in attitudes, beliefs and values across countries in Europe and its close neighbours.

European and World Values Studies

The European Values Study and World Values Survey series are designed to enable a cross-national, cross-cultural comparison of values and norms on a wide variety of topics and to monitor changes in values and attitudes across the globe. The surveys provide data from representative national samples of the publics of more than 90 countries and cover a full range of social, economic, cultural and religious variation. http://doi.org/10.5255/UKDA-SN-6757-1

IEA CO2 Emissions from Fuel Combustion

The International Energy Agency (IEA) Carbon Dioxide (CO2) Emissions from Fuel Combustion database provides a comparative analysis of CO2 emissions from fossil fuel combustion, a major source of anthropogenic emissions. The data are designed to assist in understanding the evolution of these emissions on a country, regional and worldwide basis.

Access IEA CO2 Emissions from Fuel Combustion

IEA Coal Information

The International Energy Agency (IEA) Coal Information database contains worldwide coal statistics covering production, trade, use in transformation (electricity and heat production) and final consumption in industry and other sectors from 1960 onwards. Access IEA Coal Information

Finding Data: Theme Pages

Key data Data catalogue Research The UK Data Service has a library of case studies demonstr been used which includes studies on Ageing.

See the following highlighted case studies for some ideas fo

Fertility and pension systems



A large body of literature (s suggested that the decline the last centuries may be progressive deterioration of reduces the expected old-a from children.

The Last Refuge revisited



Effective care for the elderly British society and one tha debate. This study explore care for older people in the addressing contemporary of management of residential changing nature. Rather the

approach to the situation this project took a longer-term viev state with that of almost fifty years ago.

Ageing

. A library of case studies demonstrating how UK Data Service data have been

• Self-study software and good practice guides, such as What is weighting?

. Teaching datasets on the theme of ageing, many of which can be explored

. A webinar showcasing data on the topic of ageing that is available from the UK

Links to case studies and other related

Key data Data catalogue

The UK Data Service helps to support users of data by providing:

Thematic guides identifying key datasets in the area of ageing.

Data Service and highlighting the research potential of the data.

used including case studies using data on ageing.

online without the need for additional software.

OTHER RESOURCES FOR DATA ON AGEING

· Research into Ageing Fund

UK Age Research Form

. British Society for Research on Ageing

. The Oxford Institute of Population Ageing

King's College London - Ageing Research

National Database of Ageing Research

lifelong health and wellbeing

Medical Research Council - Ageing Research in the UK

· National Institute for Health Research - Age and Ageing

Biotechnology and Biological Sciences Research Council Ageing research:

. British Geriatrics Society - UK Ageing Research Network Update

Centre for Ageing Research - Lancaster University

Research

Resources

SHARE <

Resources

SHARE <

are regarded as 'key' f standard measures. ecause they are used

or 'source' data in the rst-hand'; they are nalvsis by ority of these data circumstances and data are heavily

ata sources:

nances ealth ttitudes

ousehold ohabitation harriage ducation aining mployment geing tirement

Topics

e styles

uality of life

Data by theme

SHARE <

The UK Data Service has web pages to aid researchers looking specifically for data on particular themes:



<u>Ageing</u>

Ageing is the accumulation of a wide range of changes experienced by a person over time, including physical, psychological, and social factors. In particular, given the rise in life expectancy, there has been increasing focus on the social factors of ageing e.g. longer working hours, pensions, issues related to heath and quality of life. Equally, social inequalities caused by increasing longevity also raise a complex set of challenges for policy makers. The UK Data Service holds a variety of data collections related to ageing, from key government and longitudinal surveys to international indicators and qualitative historical interviews.



Crime

'Crime' encompasses a wide range of issues that lie within the remit of several academic disciplines, including sociology, psychology, law and economics. As a theme, crime may cover various topics, ranging from contemporary concerns over youth gangs and anti-social behaviour, through 'white collar' and corporate crime, including crimes against the environment, to serious violence. Crime-related data held by the UK Data Service include not only national crime surveys (which themselves cover diverse issues such as identity theft and alcohol-related disorder in the night-time economy) but also illegal drug use, workers in the criminal justice system, football hooliganism and community policing in Africa.



Economics

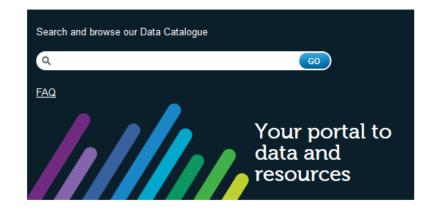
Economics is a social science concerned with the factors that determine the production, distribution, and consumption of goods and services. As a theme, economics covers various topics including economic activity, public spending, fiscal policy, taxation, trade and productivity. The UK Data Service holds a variety of data collections related to economics. from key government and longitudinal surveys to international indicators.

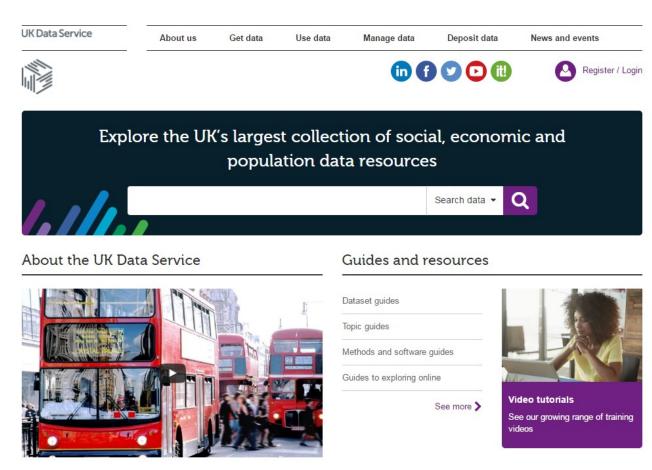
Finding Data: Data catalogue

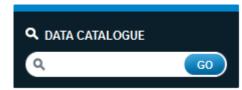
Data catalogue allows researcher to find and browse data, guides, case studies, and publications

Enter a keyword, survey name or study number and search our data or website

Data catalogue search bar is present on a majority of our website pages



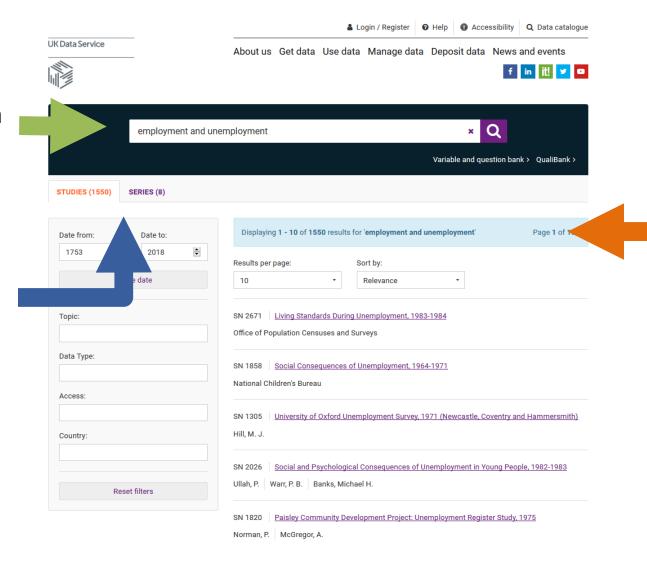




Data Catalogue: Initial search results

Here I performed a search using the term 'employment and unemployment'

Switch between dataset and data series



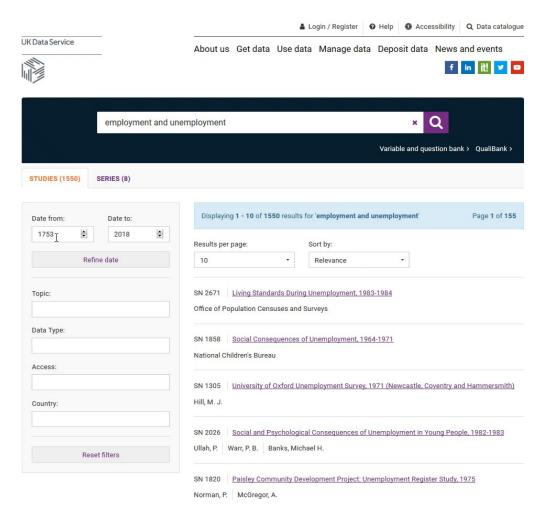
Data catalogue search found 1550 related studies and 8 series in our data collection

Data Catalogue: Refining your search results

The filters, located on the lefthand side of the screen, can be used to help find a suitable study

Filters include;

- Date range
- Topic,
- Data type,
- Access (Conditions)
- Country



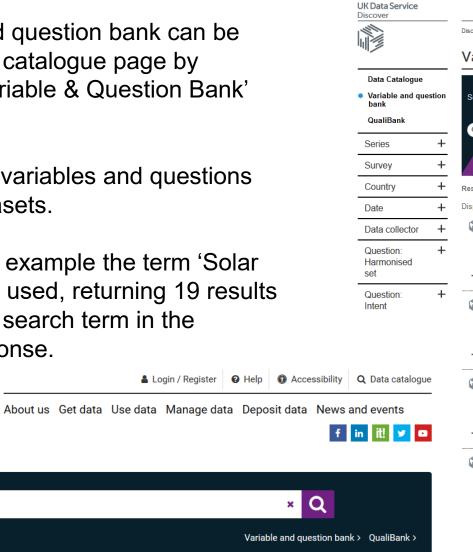
Finding Data: Variable and question bank

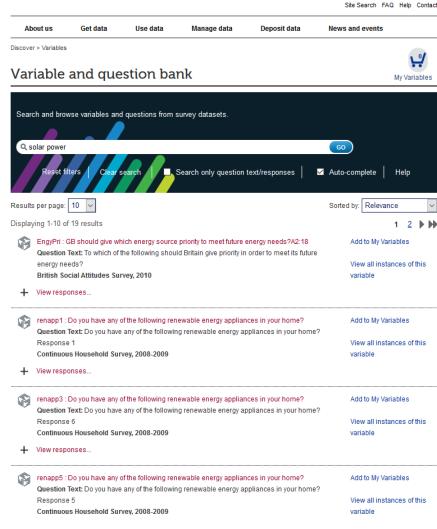
The Variable and question bank can be located from the catalogue page by selecting the 'Variable & Question Bank' option

You can browse variables and questions from survey datasets.

In the right-hand example the term 'Solar power' has been used, returning 19 results that mention the search term in the question or response.

UK Data Service

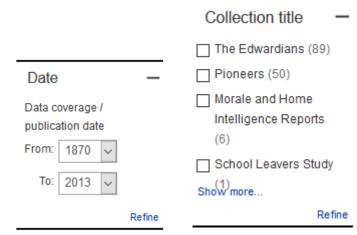


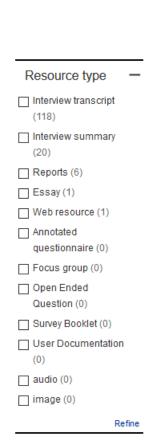




Finding Data: QualiBank

- Allows users to search the qualitative resources archived at the UK Data Service
- Results are retrieved based on the data contents
- Filters can be used to find relevant studies





UK Data Service

Data Catalogue

Collection title

Resource type

Open / Closed

Date

Sex

Age group

economic

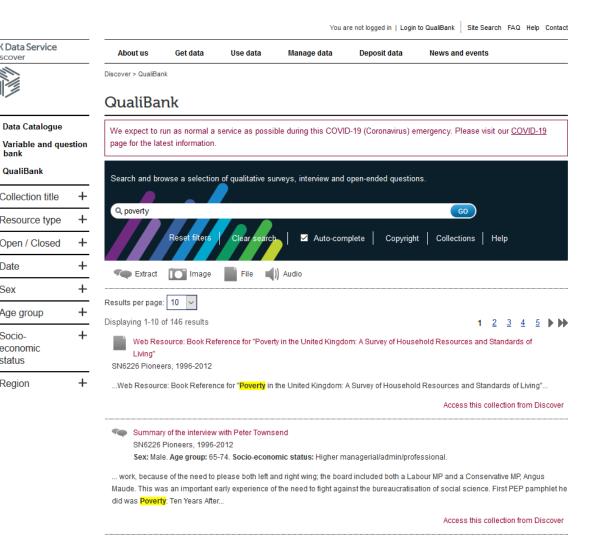
Socio-

status

Region

QualiBank

Discover

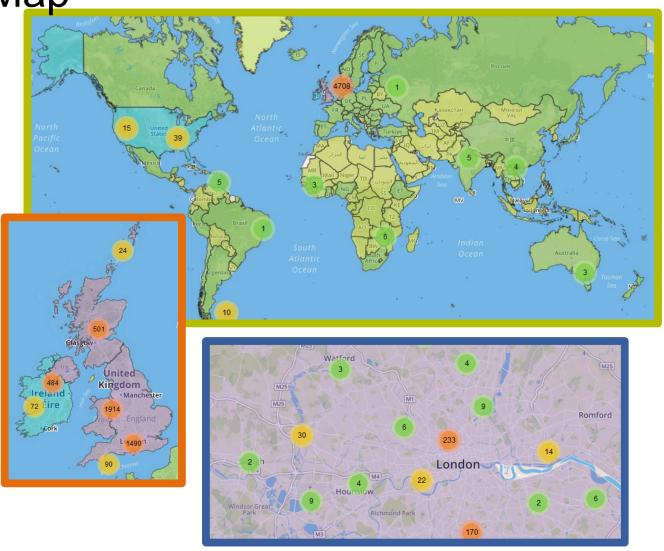


Useful resources: Data Map

Data Map enables researcher to find data by exploring a map of the world

Studies a grouped together depending on the level of zoom

Links are provided to Data Catalogue, containing more information on each dataset



Useful Resources: HASSET Thesaurus

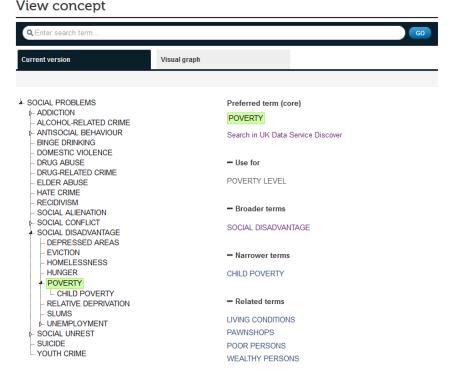


Electronic Thesaurus

Each dataset has keyword terms associated with it that come from the Humanities and Social Science Electronic Thesaurus (HASSET)

The 'keywords' section from the Catalogue record can be used to identify terms of interest and expand or narrow your search for data.





What we will cover in this session

- Introduction to our Data
- Finding data

Key data

Data by theme

Data Catalogue

Useful resources: HASSET, Data Map

- Understanding the Data Set & Series records
- How to Access Data

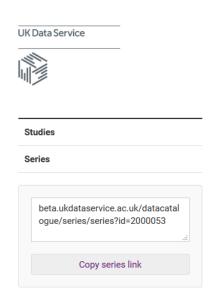
Access conditions

Downloading data

Online data access

Questions (c. 20 mins)

Understanding the Data series record





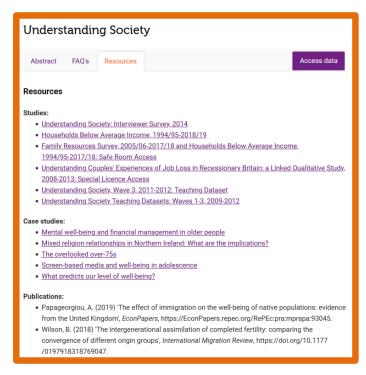
Understanding Society

Abstract FAQ's Resources Access data

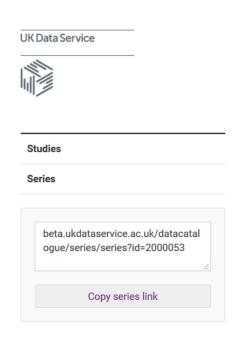
Abstract

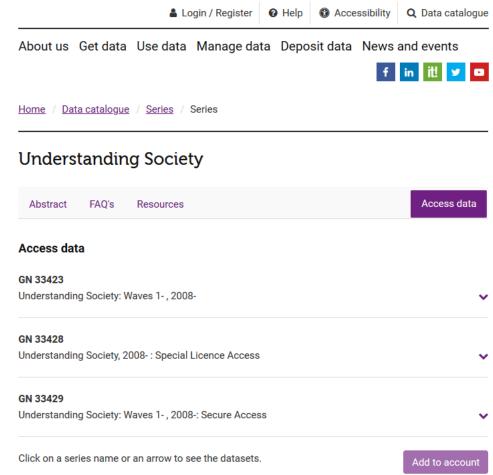
The Understanding Society study, or the United Kingdom Household Longitudinal Study (UKHLS), which began in 2009, is conducted by the Institute for Social and Economic Research (ISER), at the University of Essex. As a multi-topic household survey, the purpose of Understanding Society is to understand social and economic change in Britain at the household and individual levels. It is anticipated that over time the study will permit examination of short- and long-term effects of social and economic change, including policy interventions, on the general wellbeing of the UK population. The Understanding Society study is a successor to the British Household Panel Survey (BHPS). The BHPS sample forms part of Understanding Society from Wave 2 onwards.

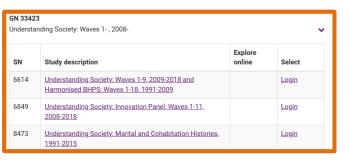




Understanding the Data series record; Access data



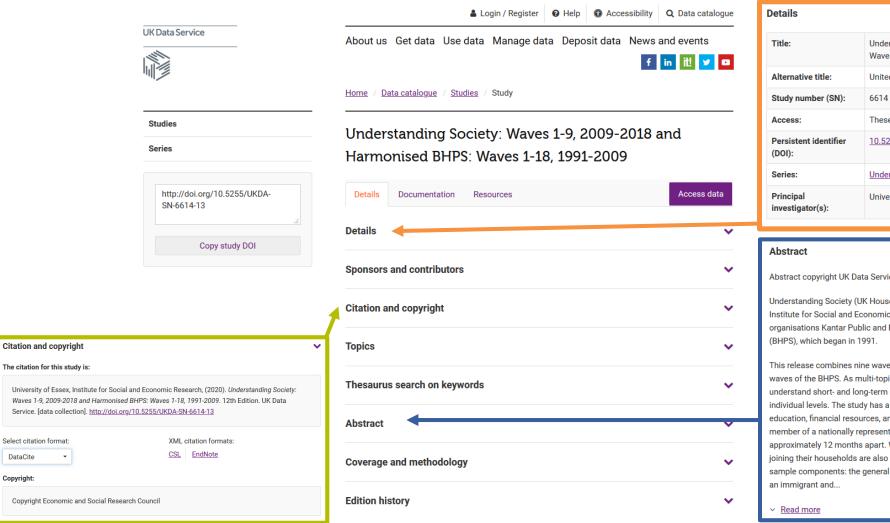


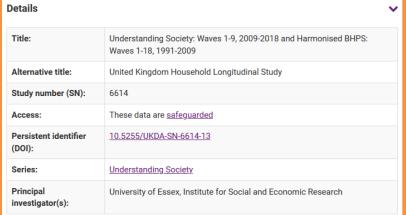






Understanding the Dataset record





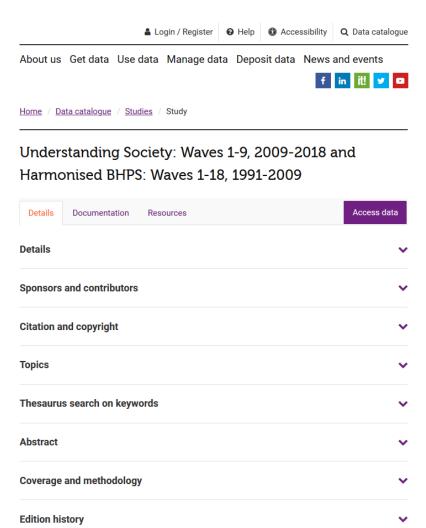
Abstract copyright UK Data Service and data collection copyright owner.

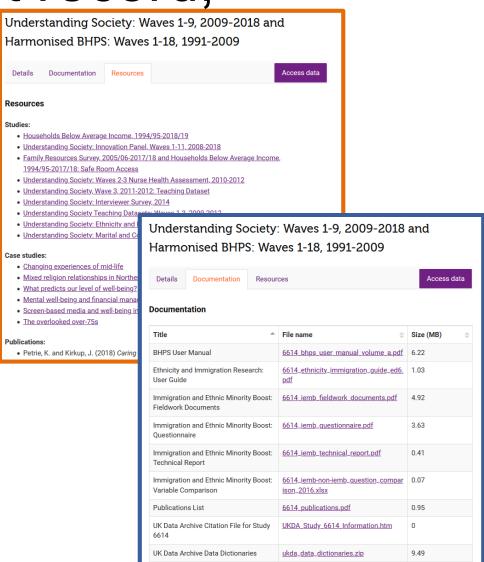
Understanding Society (UK Household Longitudinal Study), which began in 2009, is conducted by the Institute for Social and Economic Research (ISER) at the University of Essex and the survey research organisations Kantar Public and NatCen. It builds on and incorporates, the British Household Panel Survey (BHPS), which began in 1991.

This release combines nine waves of Understanding Society data with harmonised data from all eighteen waves of the BHPS. As multi-topic studies, the purpose of Understanding Society and BHPS is to understand short- and long-term effects of social and economic change in the UK at the household and individual levels. The study has a strong emphasis on domains of family and social ties, employment, education, financial resources, and health. Understanding Society is an annual survey of each adult member of a nationally representative sample. The same individuals are re-interviewed in each wave approximately 12 months apart. When individuals move they are followed within the UK and anyone joining their households are also interviewed as long as they are living with them. The study has five sample components: the general population sample; a boost sample of ethnic minority group members; an immigrant and...

Understanding the Dataset record;







Data Access Policy

Reshare Data

Where depositors have self-deposited data, conditions are described in the record and may be non-standard. A small number of studies may not have accessible outputs

Safeguarded Data

- Available to registered users
- End User Licence No direct identifiers but some disclosure risk through linking of indirect identifiers.
- Special Licence Anonymised but contain more detailed information than EUL data. Require compliance with the additional conditions and access must be approved by the data owner.

Open Data

- Minimal to no disclosure risk
- Can be accessed without registration
- Require data acknowledgement

Controlled Data

- Accessed via Secure Lab or Safe Room
- Very sensitive data that may contain disclosure information
- Limited to approved researchers who demonstrate their trustworthiness around personal data and pass all Safe Researcher Training and security checks.

How to access data: Register

Your contact details

Title:

First name: *

Last name: *

Address line 1: *

Address line 2:

Address line 3:

Town / City: *

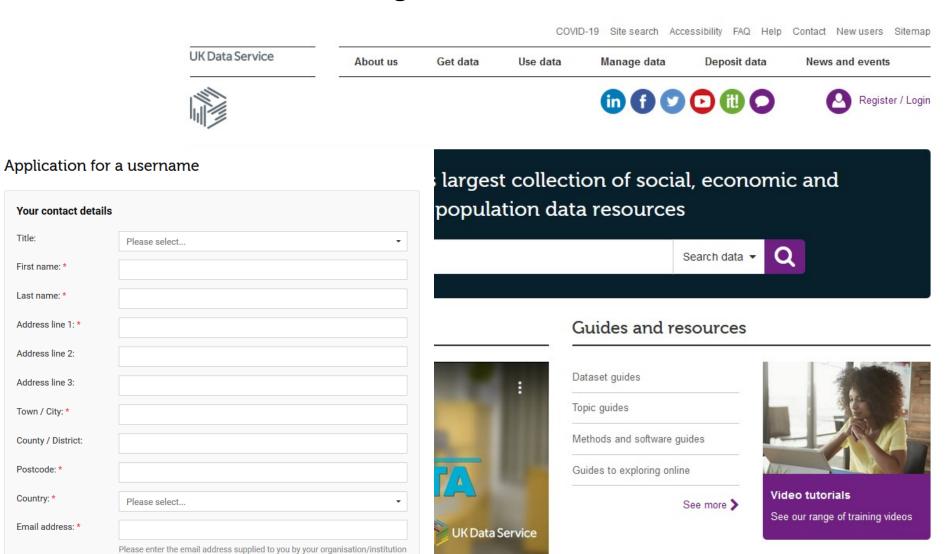
Postcode: *

Country: *

Email address: *

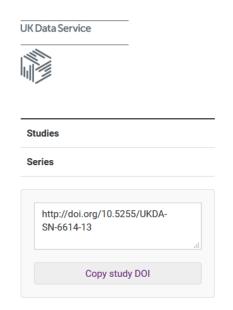
if you have one.

County / District:

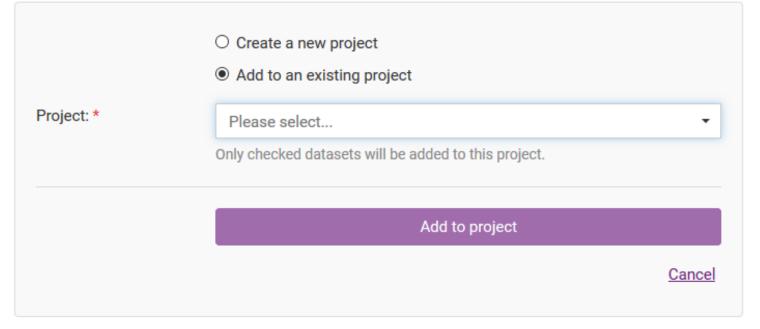


How to access data: Downloading data

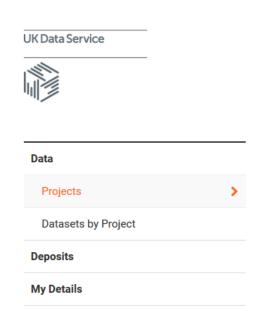
Assign datasets to project







How to access data: Viewing your projects

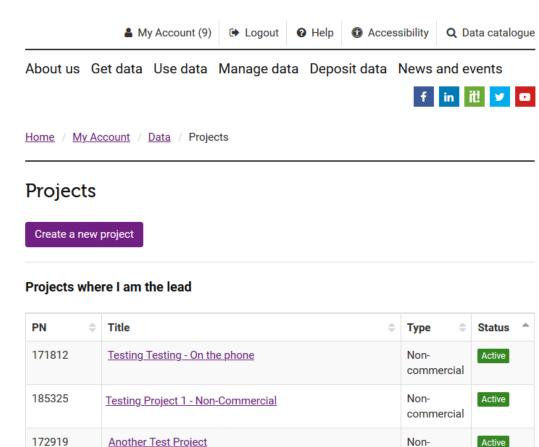


127404

169779

Non-Commercial Test Project

Teaching Project Test 1



commercial

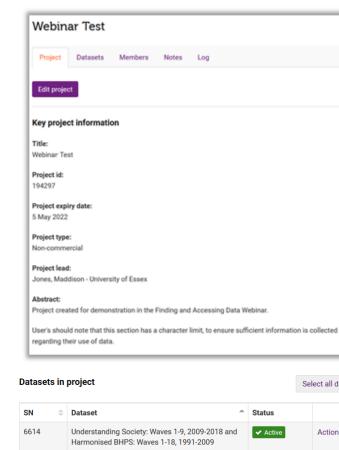
commercial

Teaching

Active

Active

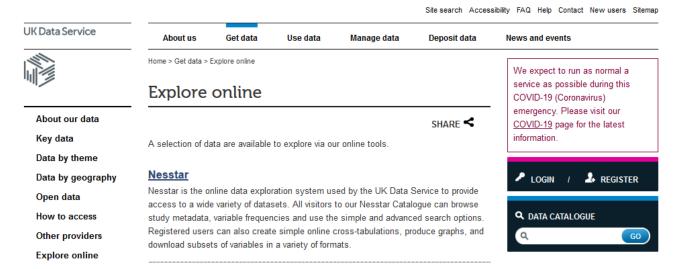
Non-



Select all datasets

Actions ▼ □

How to access data: Online tools - Nesstar



GN 33359

Millennium Cohort Study - Survey and Biomeasures Data



Millennium Cohort Study: Sixth Survey, 2015

Details Documentation Resources Access data

Access data

The Data Collection is available to users registered with the UK Data Service.

Commercial use of the data requires approval from the data owner or their nominee. The UK Data Service will contact you.

Additional conditions of use apply:

Millennium Cohort Study: Sixth Survey 2015

Additional Agreement on Conditions of Use

Confidentiality

I agree not to use nor attempt to use the Data Collections to identify the individuals from which the study sample was selected, nor to claim to have done so.

I agree not to link between the research identifiers supplied by the UK Data Service [MCSID] and any other identifiers previously issued.

Download these data by adding them to your account.

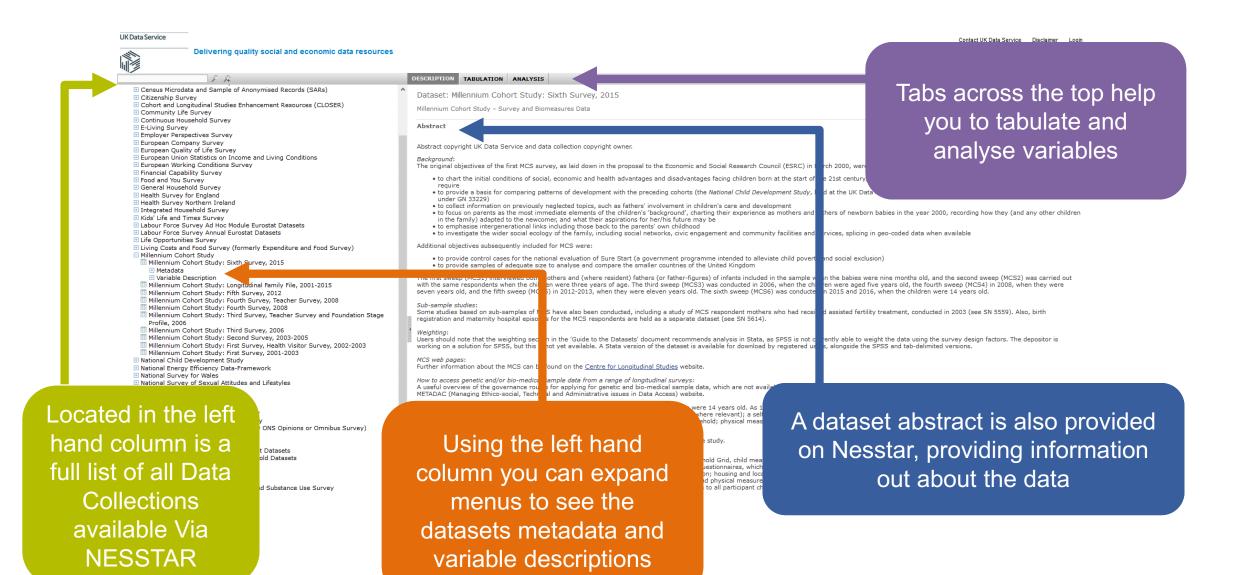
Register or login to add data to your account.

Explore these data online using Nesstar.

Access online

Add to account

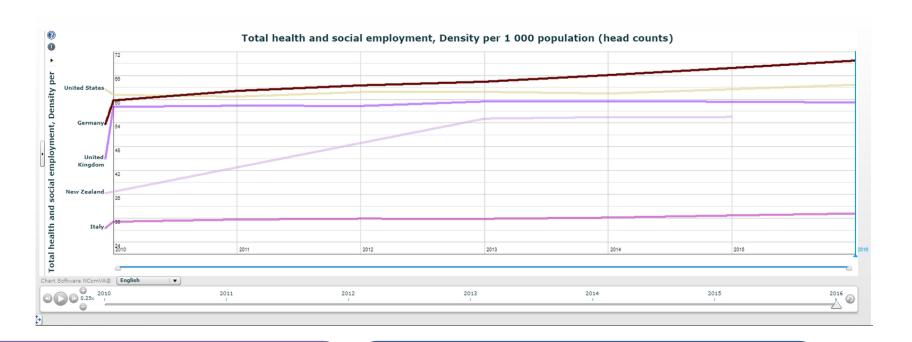
How to access data: Online tools - Nesstar



How to access data: Online tools – UKDS.Stat

International macrodata can be accessed online using UKDS.Stat.

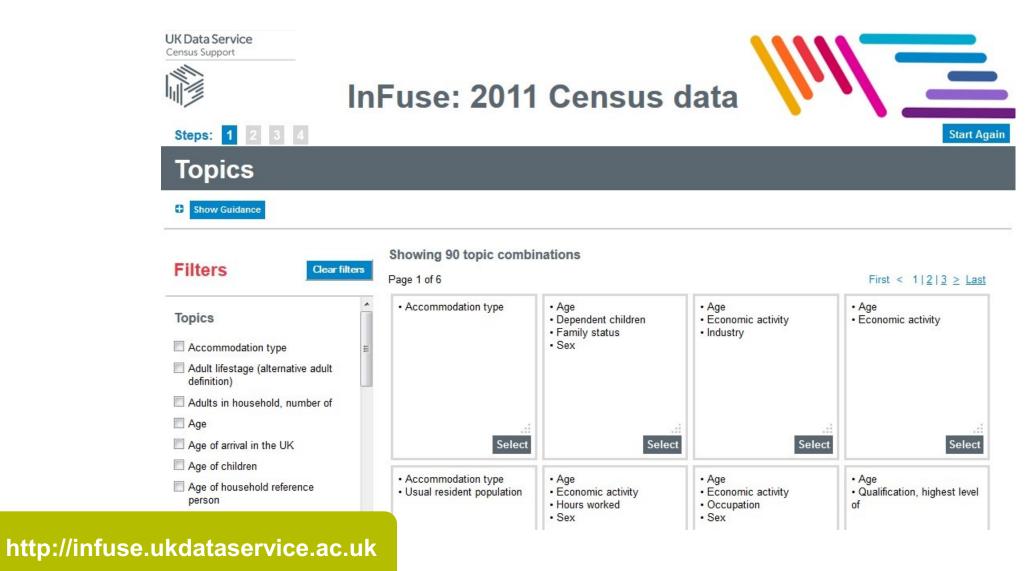
UKDS.Stat can be accessed by going to 'Get Data' – 'Explore online'



These data are provided by a number of organisations such as the World Bank, OECD, and the United Nations

Allows the easy creation of time series data displayed as heatmaps and other visualisations.

How to access data: Online Census Tools - InFuse



Getting in touch & FAQs

Contacts

WHAT WOULD YOU LIKE TO CONTACT US ABOUT?

Manage and Deposit data

- <u>Data management</u> for issues related to anonymisation, copyright, data storage and other data management queries
- . Depositing data for advice and support for data owners and producers

Find and Access data

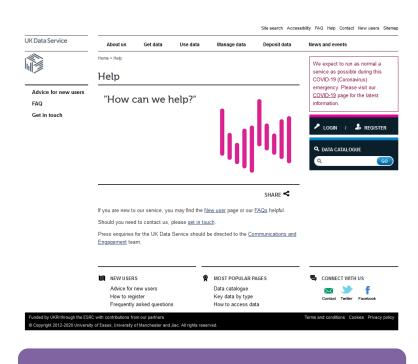
- Accessing data for questions about downloading data, data formats, obtaining Special Licence or Secure Access data
- Registration for queries such as: How do I register? Can I register with you?
- . Existing project/order for questions about project renewal and order status
- <u>Searching for data</u> for queries about the data collections we hold or give access to.
 For example: Do you have data on parenting?

Using data and Secure Lab

- Analysing/using data for questions about any data obtained from us. For example:
 A variable is missing from my file; Which weight variable should I use?
- Online analysis/tools to report issues or to get advice on using tools such as Nesstar, UKDS.Stat, Infuse, Casweb, GeoConvert,
- . Publications use to send us details of your research publications
- . Safe Room booking for requests to use our Safe Room
- . Output release to request a check on output created within the Secure Lab
- . Secure Lab-Import data request for Secure Lab users only

Technical/Communications/Other

- <u>Technical issues</u> for technical problems related to Secure Lab, ReShare and general website issues
- Training/events and publicity for press enquiries and information about events and training
- . Other gueries for issues not covered by any of the other categories



help@ukdataservice.ac.uk

FAQs

Help - Frequently Asked Questions (FAQ)

Answers to some of our most frequently asked questions are provided here.

If you are unable to find an answer to your question, please get in touch by selecting one of the short web forms.

Login and registration	Find and Access	Secure Lab	Download and data formats
Use data	Publication	Manage data	Deposit data

SHARE <

Questions about how go login and register

How do I log into the UK Data Service?

How do I log into the Secure Lab?

When registering - what usernames and passwords are acceptable to the UK Data Service?

When registering I entered an incorrect email address, what should I do?

How do I obtain a username and password?

When I try to log in/register my organisation does not appear on the list, what should I do?

How do I login/register to ReShare?

When I try to login to ReShare, I am sent to the UK Data Service registration page, although I have already registered, what do I do?

I am outside the UK, can I use your data?

Contact Us:

ukdataservice.ac.uk/help

Twitter-@UKDataService