

Finding and Accessing Data via the UK Data Service

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What we will cover in this session

What is the UK Data Service?

- Data sources and who can access the data.
- Types of data available.
- Data by theme.
- Finding data.

How to access data

- Access conditions.
- How to register for the UK Data Service.
- Catalogue entries.
- End user licence data.
- Special licence data.
- Secure access data.
- Useful resources and online tools

What is the UK Data Service?

 Comprehensive resource funded by the Economic Social and Research Council (ESRC)

Access to secondary social science data.

The UK Data Archive is the lead organisation.

Support, training, and guidance.

Sources of data

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









Who is it for?

- Academic researchers and students.
- Government analysts.
- Charities and foundations.
- Business consultants and data analysts.
- Independent research centres and think tanks.
- Independent researchers.

Types of Data Available

Survey Microdata:

Major UK Surveys
Cross-national
Longitudinal.

Qualitative/Mixed

methods:

Range of multimedia qualitative data sources

Mix of qualitative and quantitative data.

International Macrodata:

Multi-nation aggregate databanks & Survey data.

Census:

Aggregate data for 1971-2011

Microdata for 1981-2011.

Data Categorisation

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
1	35-44	Е	C2DE	DE	North We	Male	White	North	Generati
2	35-44	C1	ABC1	C1C2	North We	Male	White	North	Generati
3	35-44	C2	C2DE	C1C2	East Mid	Female	White	Midlands	Generati
4	65+	D	C2DE	DE	East Mid	Female	White	Midlands	Baby boo
5	65+	D	C2DE	DE	East Mid	Male	White	Midlands	Pre war

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?

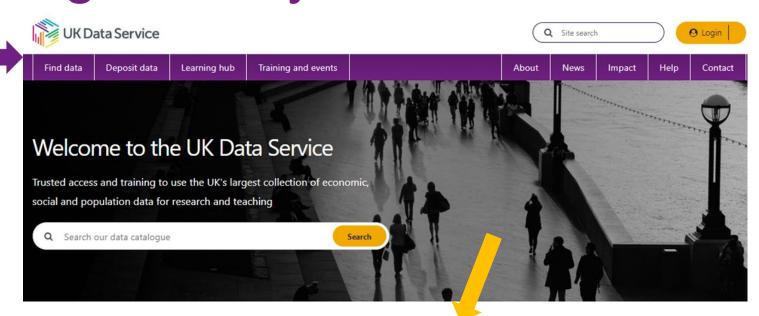
FW: I had three brothers, seven sisters.

I: So there was eleven children altogether?

FW: Yes.

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

Finding Data by theme 1 of 3



Key services



Essential data training resources

Find all UK Data Service training and guidance in our special newsletter. Dr. Vanessa Higgins, our Service Director of User Support and Training, also <u>provides an overview of our training programmes</u>.



Browse data by theme or type

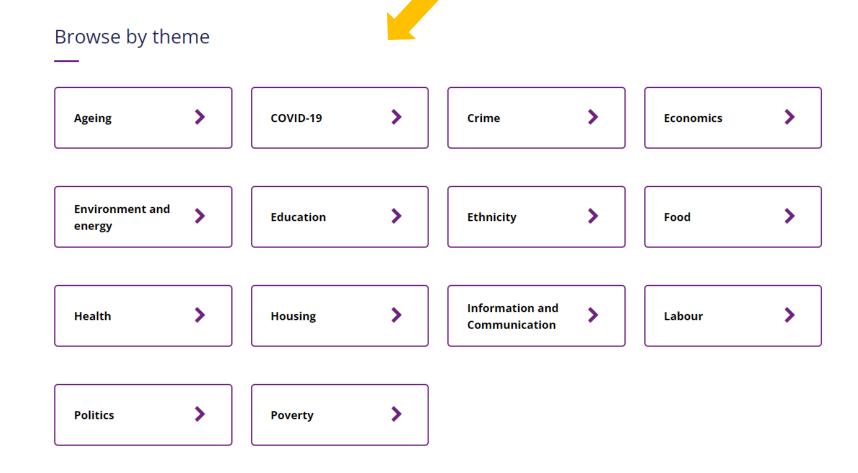
Ageing, COVID-19, crime, economics education, environment & energy, ethnicity, food, health housing, information & communication, labour, politics, poverty.



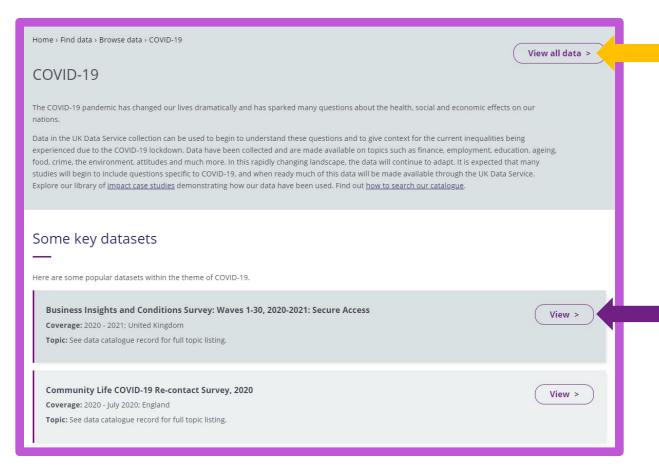
New Census 2021 data

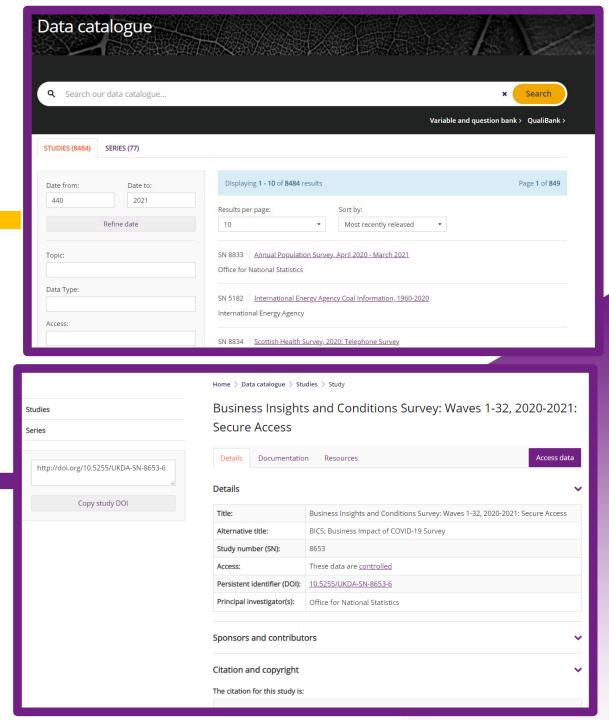
<u>View our latest news</u> on the second release of data for Northern Ireland. <u>Read some</u>
<u>highlights</u> from the data for England and
Wales. <u>Find out more</u> on the first release for
Northern Ireland.

Finding Data by theme 2 of 3

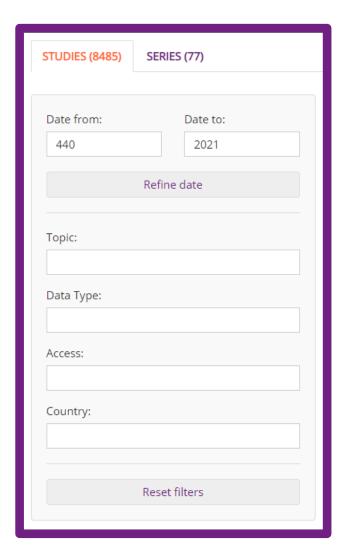


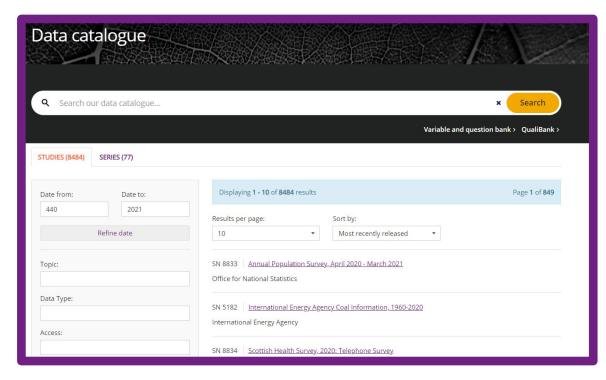
Finding Data by theme 3 of 3



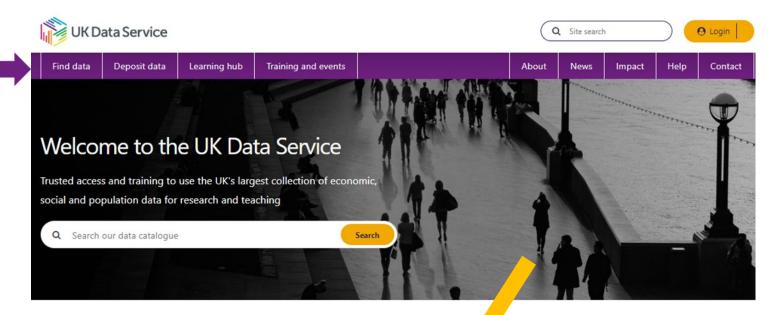


Finding Data Catalogue search





Finding Data by theme







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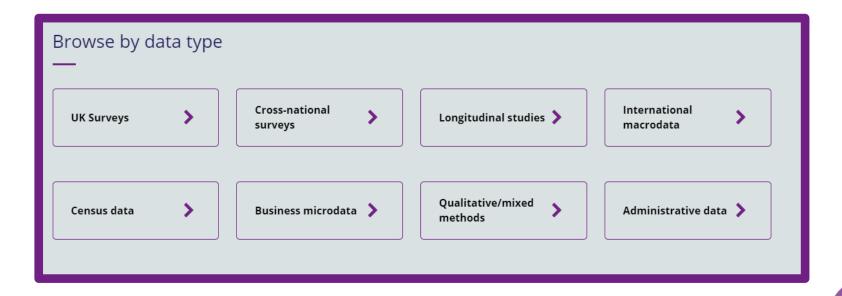
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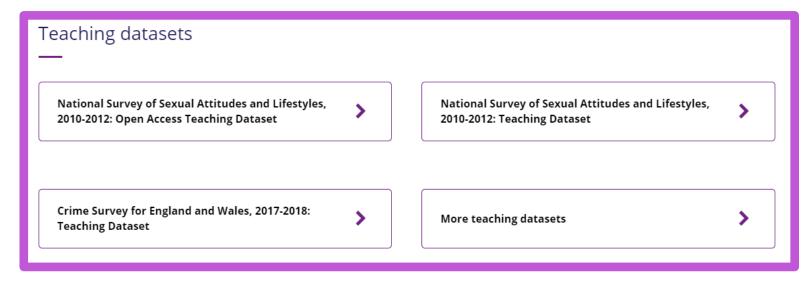


New Census 2021 data

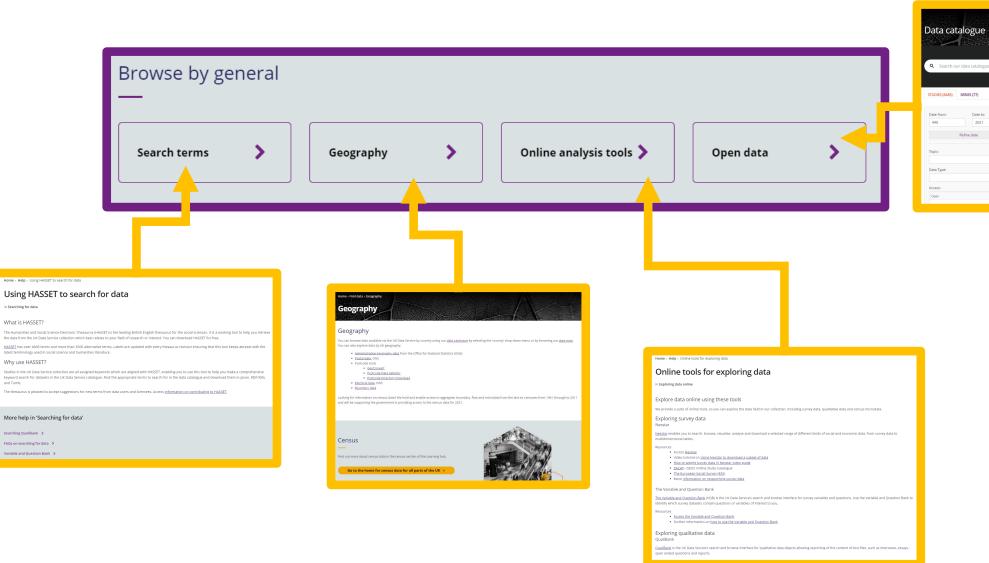
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Finding Data by type





Finding Data by general browsing



What is HASSET?

Why use HASSET?

FAQs on searching for data > Variable and Question Bank > Childs, J. Lancaster University

SN 854999 Drivers of Chinese Manufacturing Investment in Africa, 2016-2017

Finding Data Activity

Using the information we've just covered please take a moment to locate a dataset on your theme/type of interest.

Start by visiting our Homepage:

UK Data Service: (https://ukdataservice.ac.uk/)

5 minutes will be allotted for this activity.

Time for a poll!

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Data Access Policy

ReShare Data

Self-deposited data, access conditions may be non-standard.

Safeguarded Data

Available to registered researchers.

End user licence - No direct identifiers but some disclosure risk through linking of indirect identifiers.

Special Licence - Anonymised but contains more detailed information than EUL data. Require compliance with the additional conditions and approval from the data owner.

Open Data

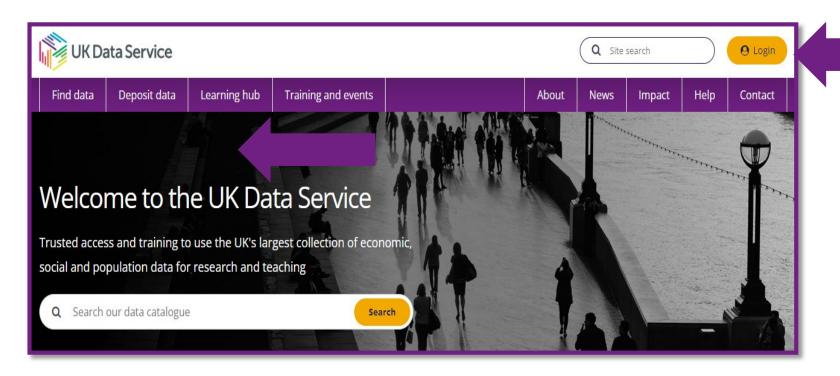
- Minimal disclosure risk.
- No registration required.
 - Require data acknowledgement.

Controlled Data

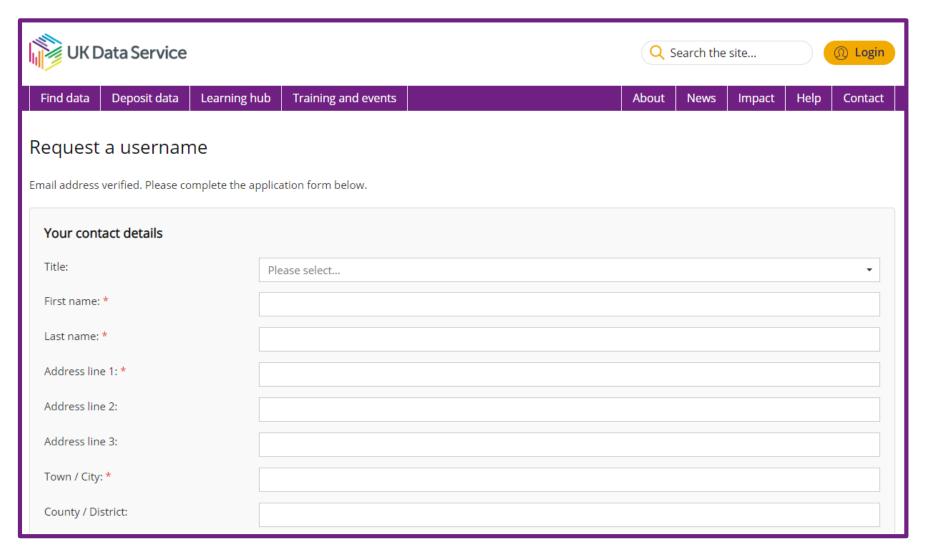
- Access through SecureLab, Safe Room, or SafePod Network.
- May contain disclosure information.
- Limited to Accredited Researchers who demonstrate trustworthiness and completed Safe Researcher Training.
 - •Must be located in the UK when accessing.

How to register

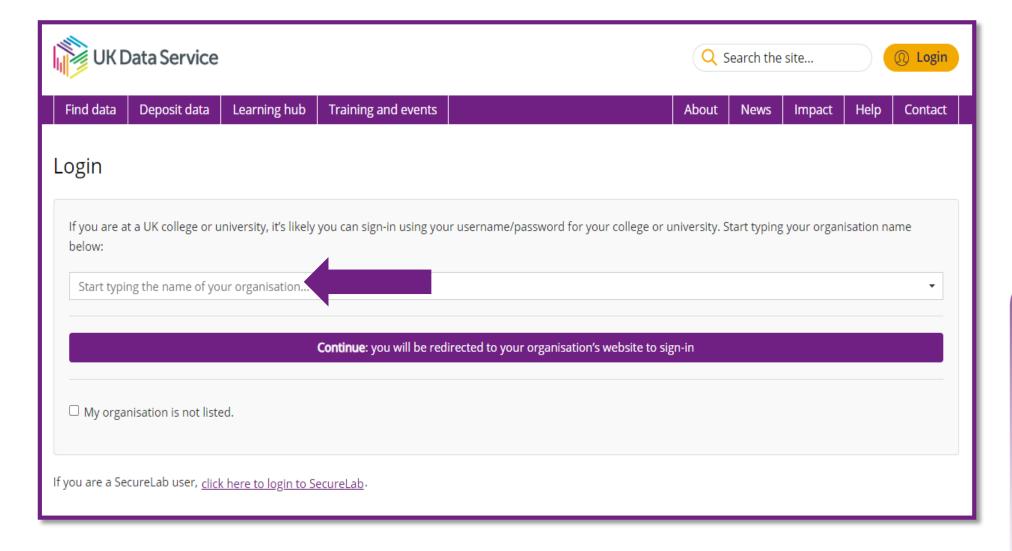
 There are two ways to register for an account with the UK Data Service



How to register...contd



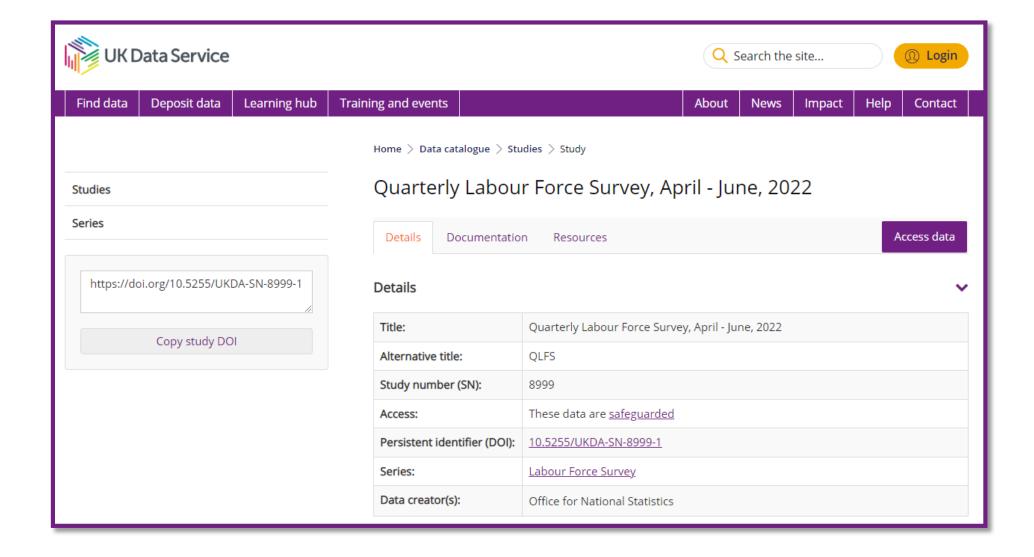
How to register...contd



Demonstration

- Catalogue.
- Accessing End User License Data.
- Accessing special License Data.
- Accessing Secure Data.

Catalogue entries



Accessing end user licence data

UK Data Service end user licence agreement

Live demonstration can be viewed via the workshop recording on <u>YouTube</u>, <u>published</u>, <u>10 Nov 2022 at 0.40mins</u>.

Accessing Special Licence data

 Live demonstration can be viewed via the workshop recording on <u>YouTube</u>, <u>published</u>, <u>10 Nov 2022 at 0.42mins</u>.

Special licence forms for group projects

- 1. Project lead creates project on UK Data Service Project.
- 2. Project lead adds relevant studies to the project.
- 3. Project lead invites researchers to project.
- 4. Project lead fills in special licence application form.
- 5. Project lead cascades form to team members.
- 6. Project lead submits all completed forms to help@ukdataservice.ac.uk.

Accessing data activity

Using the information we've just covered please take a moment to try accessing a dataset of your choice!

Start by visiting the <u>UK Data Service home page</u>.

5 minutes will be allotted for this.

You can choose to access an **Open** or **End user licence** dataset or begin the process for accessing a **Special Licence** or **Secure Access** dataset.

If you are not registered, please find some open data.

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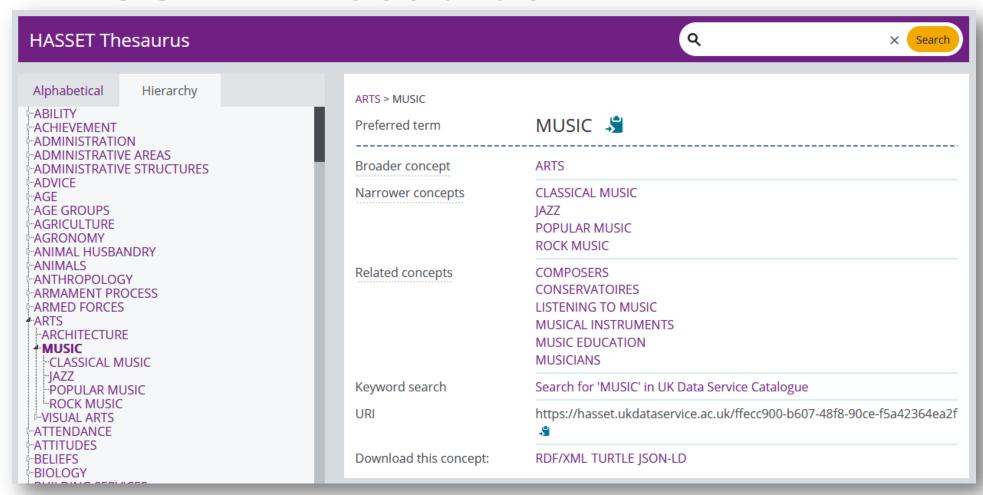
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Useful resources and online tools

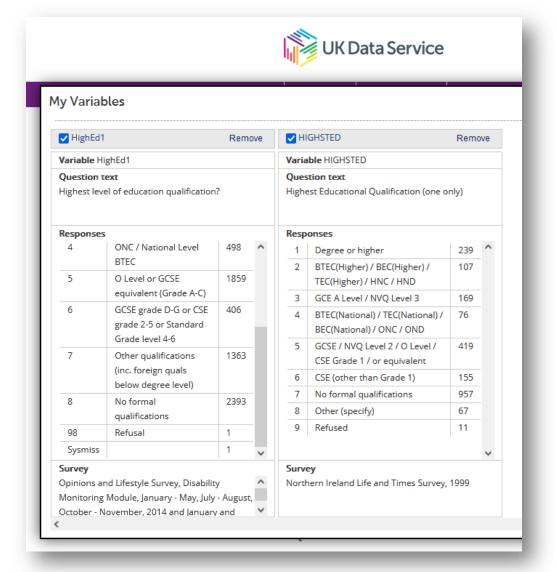
Useful Resources - Online tools

- HASSET Thesaurus
- Variable and Question Bank
- QualiBank
- Nesstar
- UKDS.Stat
- InFuse

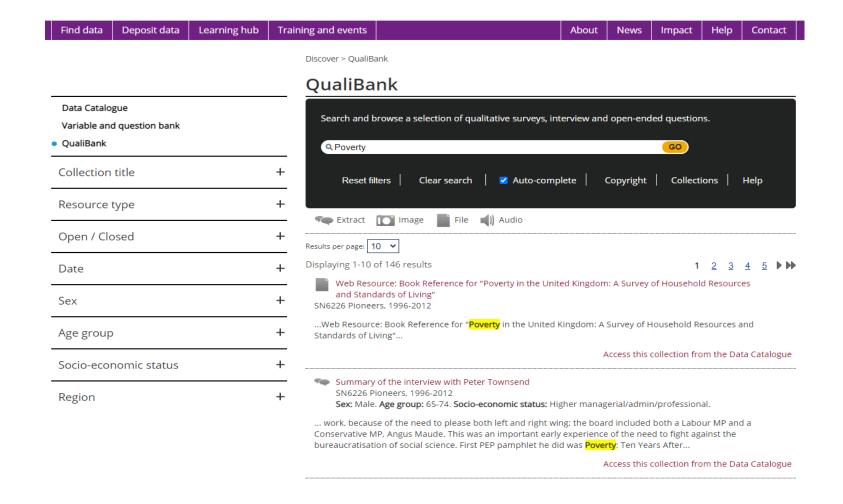
HASSET Thesaurus



Variable and question bank



QualiBank



Nesstar



Home > Help > Online tools for exploring data

Online tools for exploring data

in Exploring data online

Explore data online using these tools

We provide a suite of online tools, so you can explore the data held in our collection, including survey data, qualitative data and census microdata.

Exploring survey data

Nesstar



<u>Nesstar</u> enables you to search, browse, visualise, analyse and download a selected range of different kinds of social and economic data, from survey data to multidimensional tables.

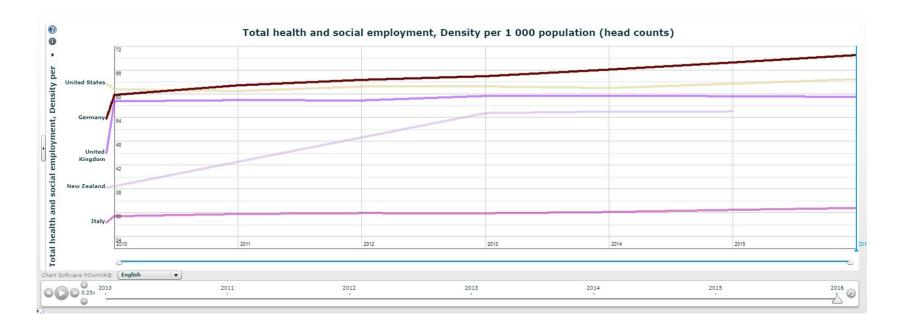
Resources

- Access Nesstar
- · Video tutorial on Using Nesstar to download a subset of data
- How to weight survey data in Nesstar video guide
- ZACAT- GESIS Online Study Catalogue
- . The European Social Survey (ESS)
- · More information on researching survey data

UKDS.Stat

International macrodata can be accessed online using UKDS.Stat.

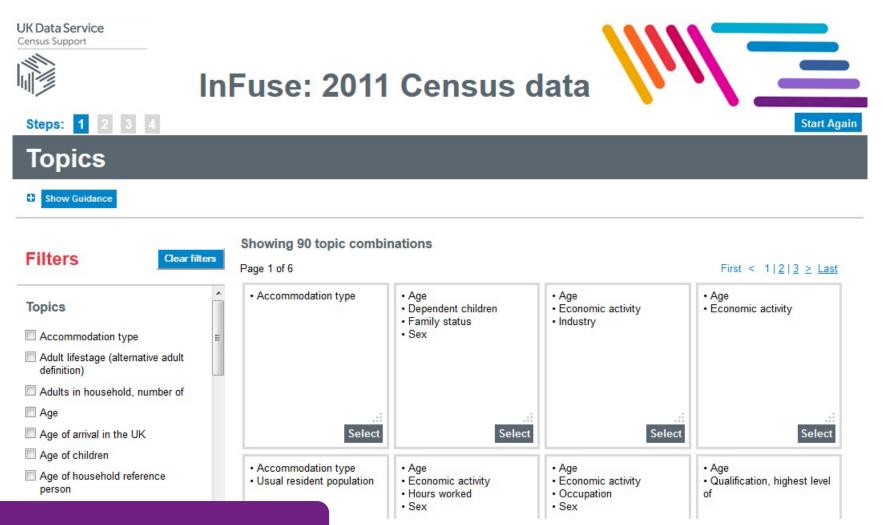
UKDS.Stat can be accessed via the 'Online analysis tools' tab in the 'Find Data' section of our website



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

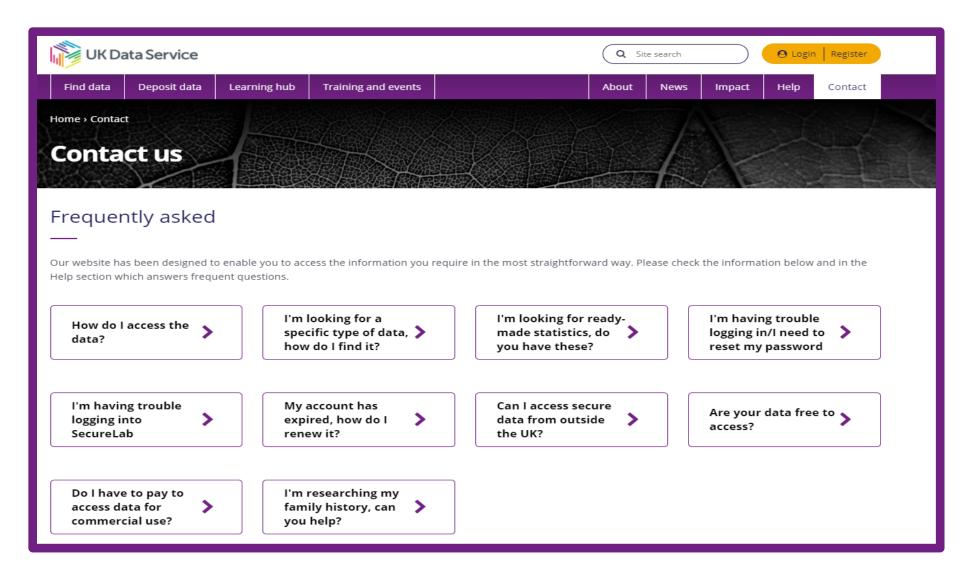
Allows the easy creation of time series data displayed as heatmaps and other visualisations.

InFuse



http://infuse.ukdataservice.ac.uk

Getting in touch & FAQs





Any questions?



Thank you for coming

Web: Contact the UK Data Service

Email: help@ukdataservice.ac.uk

Twitter: @UKDataService

YouTube: <u>UKDataService</u>

Other stuff: UKDS on JiscMail, UKDS Data impact blog