
Teaching, training and further help

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UK Data Service



Teaching with data

- Our teaching datasets have been prepared for ease of use for new learners
- Many datasets have hundreds or thousands of variables and this can be daunting or confusing to a novice learner
- Teaching datasets are manageable in size and have far fewer variables than the main survey on which they are based, but they are still real datasets that can be used to explore substantive topics
- You may want to repurpose an existing dataset to create particular classroom exercises. If so, please let us know what we can do to help. We can add your dataset to the collection so it can be shared with other teachers.



Teaching with data

UK Data Service



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Teaching with data

"Real data bring learning to life"



SHARE

We believe that the use of data in teaching is an invaluable way for learners to confront real-life research. The data collections:

- constitute well-documented examples of real-life data collection allowing students to engage critically with methods and methodologies
- provide rewarding raw material for data analysis teaching of all types
- can be used to enrich substantive teaching with evidence that can be interrogated

[Register your class](#)

Most of the data in our collection are only available to registered users. Find out how to register your students and share data with them here.

[Teaching resources](#)

Access datasets specifically designed for teachers and learners, workbooks and other

LOGIN / REGISTER

DISCOVER UK DATA SERVICE

Data

Website



DATA-DRIVEN LEARNING AND TEACHING

Download our brochure on using our data in learning and teaching. Printed copies can be sent on request.



RELATED LINKS

[ESRC Quantitative Methods Initiative](#)

UK Data Service



Teaching datasets

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Teaching resources

This section provides practical information, exemplars, and tips for using data in teaching, including ideas for using data in teaching, practical advice on sharing data with students, teaching resources and teaching case studies.

Discover teaching resources

Qualitative/ mixed methods resources

Quantitative resources

Discover teaching datasets

SHARE

Discover teaching data

We have a growing number of datasets designed for teaching, produced both by data services and teachers themselves, which can be accessed through our Discover tool.

The files are of a manageable size and may be simplified to make them easier for to engage with. Some are available for access in [Nesstar](#) to allow learners to explore data online. These include:

- cut-down datasets from major surveys
- qualitative teaching files
- file collections for teaching particular topics

[Discover our teaching datasets](#) now.

We make a small number of datasets available without registration or authentication for the purpose of teaching only. See our [open access data](#) web pages for more information.

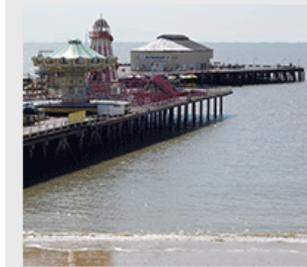
LOGIN / REGISTER

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Data

Website



HIGHLIGHTED TEACHING RESOURCE

Folk devils and moral panics

Based on Stan Cohen's classic and pioneering study into youth culture, this resource is for use in A-level or undergraduate social science courses.

RELATED LINKS

ESRC Quantitative Methods Initiative

UK Data Service



Teaching datasets in Discover

The screenshot displays the Discover data catalogue interface. On the left, a sidebar contains a 'Variable and question bank' section with a 'Type' filter. The 'Data collections (52)' option is selected and circled in red. Below this, a 'Subject' filter is visible with a '+' sign, and a 'Data type' filter is also selected and circled in red, showing 'Teaching data (52)'. The main content area features a search bar with the text 'Search our data catalogue and related resources' and a 'GO' button. Below the search bar, there are options for 'Reset filters', 'Clear search', 'Auto-complete', 'Map search to HASSET thesaurus?', 'Advanced search', and 'Help'. A navigation bar includes icons for 'Case study', 'Data collection/Census data', 'Series record', 'ESRC output', and 'Support/how to guide'. The search results are sorted by 'Date (latest first)'. The results list includes:

- SN 7140 **Quarterly Labour Force Survey, January - March, 2011: Unrestricted Access Teaching Dataset** (University of Manchester. Cathie Marsh Centre for Census and Survey Research. ESDS Government). Includes a '+ Full record...' link and options for 'nesstar Explore online', 'Download/Order', 'Get full DDI XML', and 'Similar data collections'.
- SN 7216 **Living Costs and Food Survey, 2010: Unrestricted Access Teaching Dataset** (University of Manchester. Cathie Marsh Centre for Census and Survey Research. UK Data Service). Includes a '+ Full record...' link and options for 'nesstar Explore online', 'Download/Order', 'Get full DDI XML', and 'Similar data collections'.
- SN 6968 **Welsh Health Survey, 2010: Teaching Dataset (Adults)** (National Centre for Social Research). Includes a '+ Full record...' link and options for 'nesstar Explore online', 'Download/Order', 'Get full DDI XML', and 'Similar data collections'.



Case Study 1: International macrodata

- [Paul Turner, University of Loughborough](#)
 - ‘Using real-world data to understand econometrics’
- IMF International Financial Statistics were used in a course with 150 undergraduates. The aim is for students to understand both basic and more advanced techniques that will allow economic theories to be tested using econometric applications and tools.
- “I always start the econometrics course off by telling them that if there's one course they may actually make use of when they leave- it's probably going to be this one.”



Case Study 2: Survey microdata

- [Rob Johns, University of Essex](#)
 - ‘Introducing students to politics through real data’
- British Election Study and British Social Attitudes Survey data were used to teach a variety of statistical concepts and research methods to politics undergraduates.
- “When I was a student, I didn’t like the teaching method where you were just shown some output and how to interpret it, or where every week it was a different data set and you did not get a chance to really work with and understand the data.”



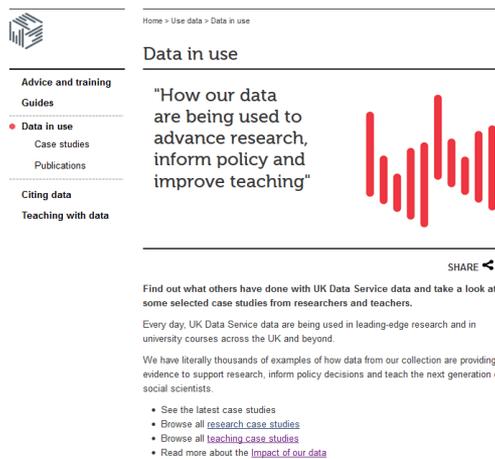
Case Study 3: Longitudinal data

- [Ruth Salway, University of Bath](#)
 - ‘Using data in practice and in theory’
- The Longitudinal Study of Young People in England (LSYPE) was used to teach an undergraduate course on applied statistics. The students were grounded in the necessary theory and in statistics practice but were yet to use data beyond their textbook examples.
- “I remember the UK Data Archive as a source of a lot of survey data all together and once I’d narrowed it down I didn’t look anywhere else as I knew I would find what I wanted there.”



Are you using data in the classroom?

- If you have used data obtained from the UK Data Service in your teaching (or if you have been inspired to do so on the basis of this presentation!), please contact us and let us know.
- Do you have an idea for repurposing an existing data collection to create a teaching resource? We can help.
- We would be delighted to feature you in a [case study](#)



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"How our data are being used to advance research, inform policy and improve teaching"



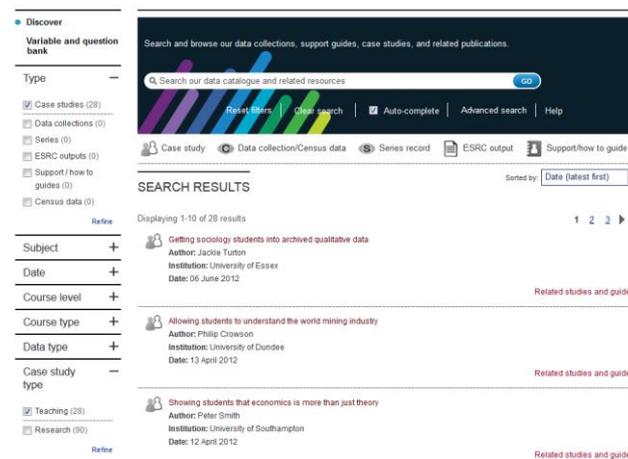
SHARE

Find out what others have done with UK Data Service data and take a look at some selected case studies from researchers and teachers.

Every day, UK Data Service data are being used in leading-edge research and in university courses across the UK and beyond.

We have literally thousands of examples of how data from our collection are providing evidence to support research, inform policy decisions and teach the next generation of social scientists.

- See the latest case studies
- Browse all [research case studies](#)
- Browse all [teaching case studies](#)
- Read more about the [Impact of our data](#)



Discover

Variable and question bank

Type

- Case studies (28)
- Data collections (0)
- Series (0)
- ESRC outputs (0)
- Support / how to guides (0)
- Census data (0)

Refine

Subject +

Date +

Course level +

Course type +

Data type +

Case study type -

Teaching (26)

Research (90)

Refine

Search and browse our data collections, support guides, case studies, and related publications.

Search our data catalogue and related resources

Reset filters | Clear search | Auto-complete | Advanced search | Help

Case study | Data collection/Census data | Series record | ESRC output | Support/how to guide

SEARCH RESULTS

Sorted by: Date (latest first)

Displaying 1-10 of 28 results

1 2 3 >>>

- Getting sociology students into archived qualitative data
Author: Jackie Turton
Institution: University of Essex
Date: 06 June 2012
[Related studies and guides](#)
- Allowing students to understand the world mining industry
Author: Philip Crowson
Institution: University of Dundee
Date: 13 April 2012
[Related studies and guides](#)
- Showing students that economics is more than just theory
Author: Peter Smith
Institution: University of Southampton
Date: 12 April 2012
[Related studies and guides](#)



Advice and training

- On our web pages you will find a range of resources to support data use
 - [Video tutorials](#)
 - [Dataset guides](#)
 - [Topic guides](#)
 - [Methods and software guides](#)
 - [Guides to exploring data online](#)



Webinars

- In addition to providing face-to-face training like today, we also run online webinars
- Over the next year we will run webinars on census resources, international macrodata, research data management, longitudinal surveys, resource discovery, UK surveys, business microdata, and qualitative and mixed methods data. Sign up to our mailing list or follow on Twitter to stay up to date.
- These [webinars are recorded](#) and made available via our web pages



Other online help

- [FAQs](#)
- [Advice for New Users](#)
- Contact us / follow us

<http://ukdataservice.ac.uk/about-us/contact.aspx>

<https://www.jiscmail.ac.uk/cgi-bin/webadmin?A0=UKdataservice>

<https://twitter.com/UKDataService>

<https://www.facebook.com/UKDataService>



Questions

