UK Data Service

Data and resources for teaching

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Patty Doran, Research Associate, University of Manchester

28 September 2020

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Overview

- A short history of “research-led teaching”
- Case study of our data re-used for teaching
- Quantitative resources
- Qualitative resources
- Question and answer

UK Data Service

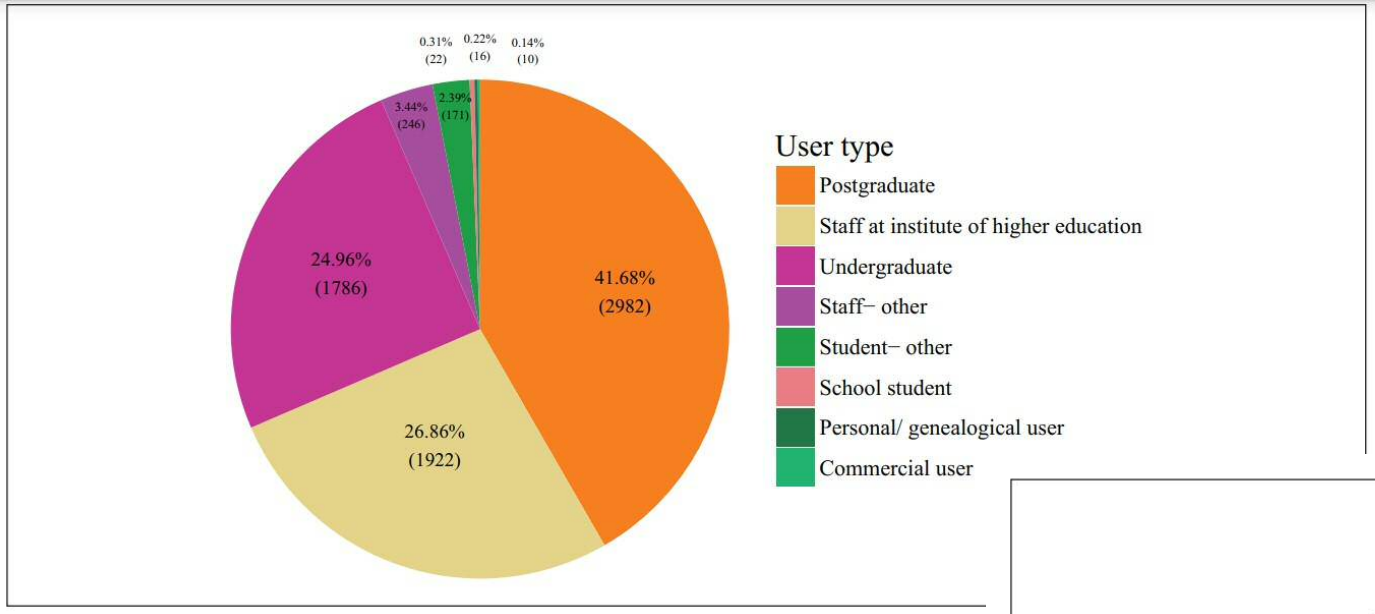


Figure 1. Downloaded data by type of user, 2002-2016, UK Data Service.

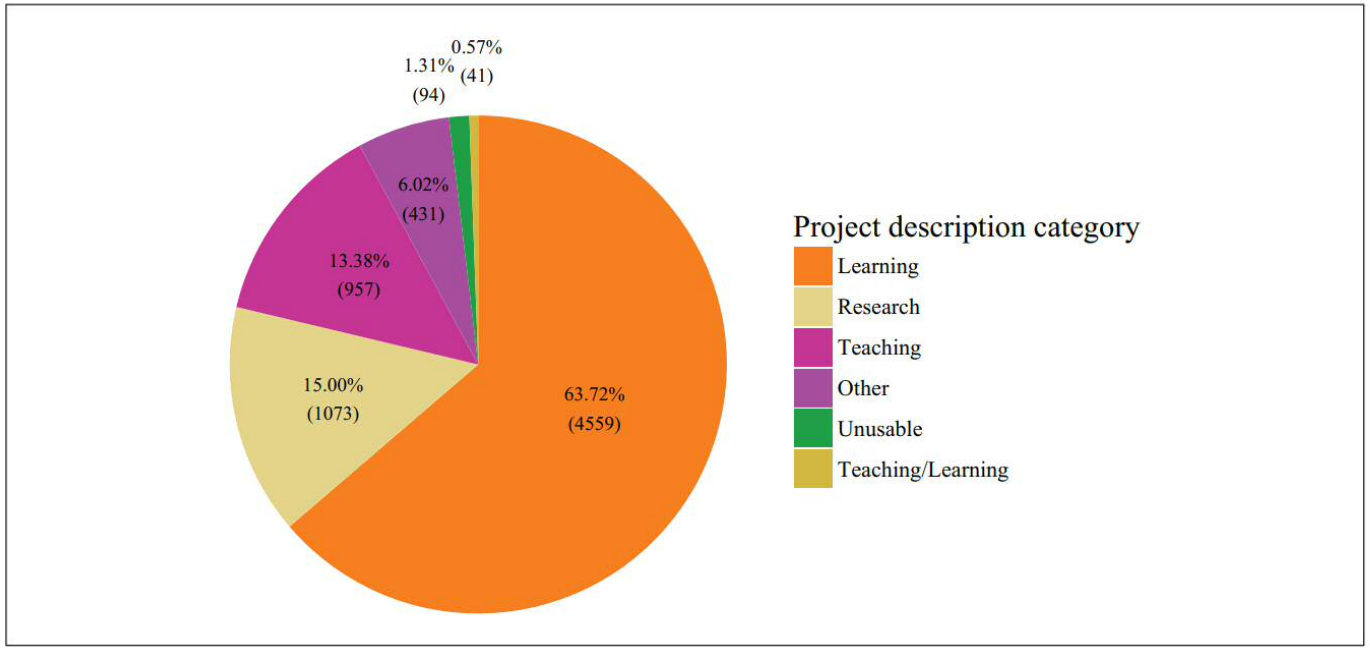
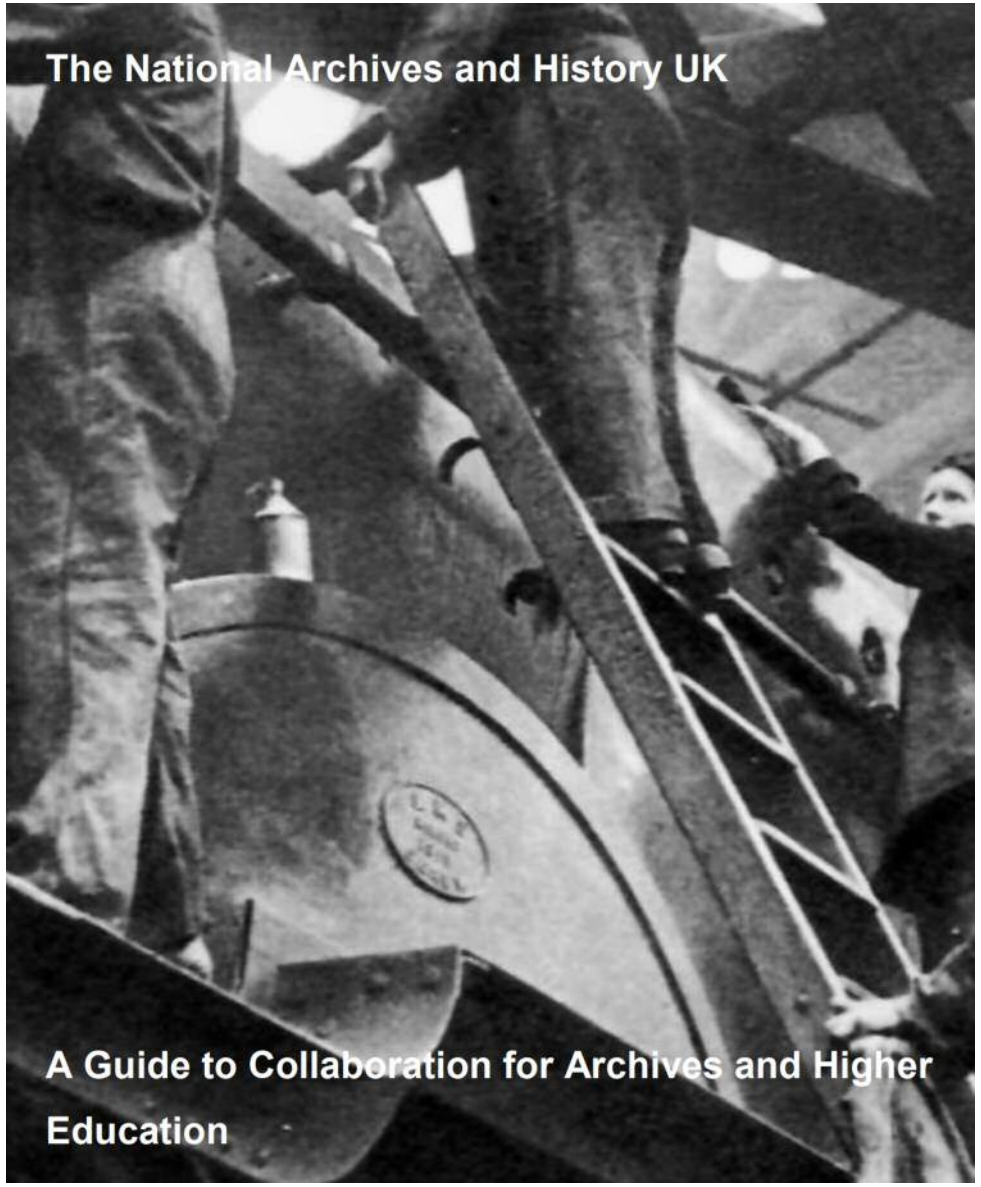
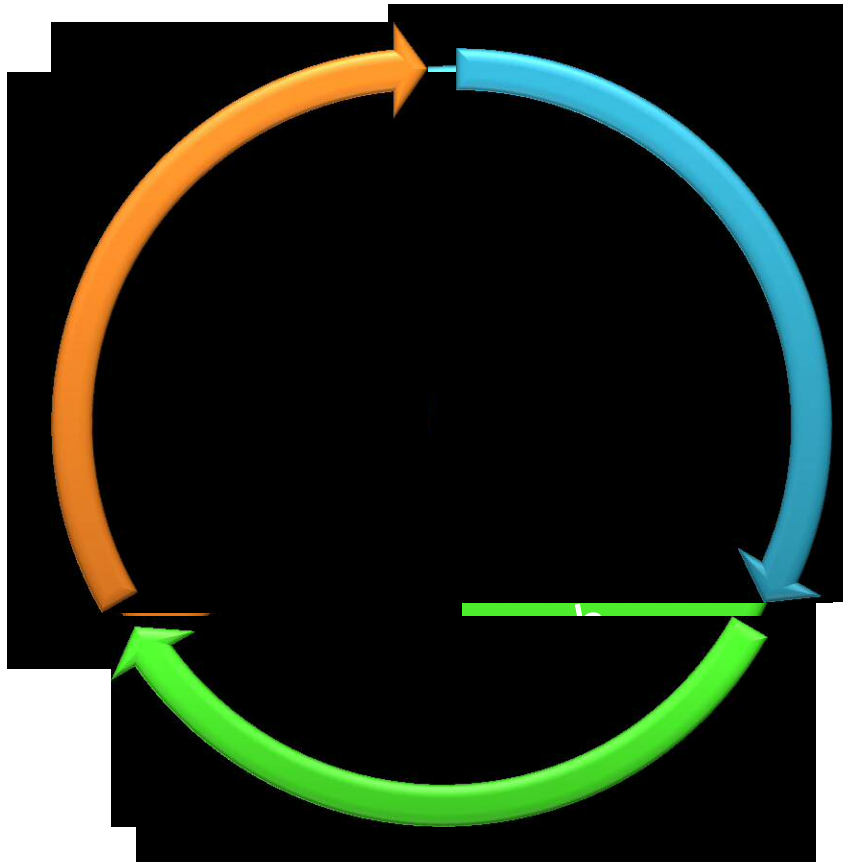


Figure 2. Reuse purposes of qualitative data downloaded from UK Data Service during the period 2002-2016.

https://journals.sagepub.com/doi/pdf/10.1177/2158244016685136

UK Data Service





https://www.nationalarchives.gov.uk/documents/archives/2018-edition-archive-and-he-guidance-all-sections-combined-ci-final.pdf

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Development of research-led teaching

- “…[U]niversities ought to ‘set as a mission goal the improvement of the nexus between research and teaching … to increase the circumstances in which teaching and research have occasion to meet” (Hattie and Marsh 1996, p. 533).

- Healey and Jenkins (2009, p. 7) described 4 types of research-informed teaching:
  - Research-led, or learning about research in the discipline
  - Research-tutored, or engaging in research discussion
  - Research-oriented, or developing research and inquiry skills
  - Research-based, or undertaking research and inquiry

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“The new Teaching Excellence Framework (TEF) is intended to provide a mechanism to measure and reward excellent teaching. While this may take many different forms, one area where universities may be able to seek commendation is research-informed teaching.”

HEA, “Breaking down the divide between research and teaching”

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Jo Haynes

- Re-using data left more time to focus on developing analytical skills
- Students had to re-imagine the data from different perspectives, sometimes drawing arguments and conclusions that spanned beyond the original researchers' works.
- "Good way to engage with research…and reach a critical dialogue with British research." Haynes (2011)
- Published "A Tale of Two Analyses" with Demelza Jones (https://journals.sagepub.com/doi/10.5153/sro.2523)
- Read her case study here: https://beta.ukdataservice.ac.uk/impact/case-studies/case-study?id=22

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Quantitative Data for Teaching

- Data catalogue
- Teaching datasets
- Open datasets
- Census data
- Nesstar

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Teaching datasets

Results per page: 10

Sort by: Relevance

SN 4740 | British Crime Survey, 2000: Teaching Dataset

University of Manchester

SN 7402 | Health Survey for England, 2011: Teaching Dataset

University of Manchester | NatCen Social Research

SN 3160 | General Household Survey, 1987: Teaching Dataset

Arber, Sara

SN 3161 | General Household Survey, 1991: Teaching Dataset

Arber, Sara

SN 5033 | Health Survey for England, 2002: Teaching Dataset

University of Manchester

SN 4736 | Labour Force Survey, 2002: Teaching Dataset

University of Manchester

vice

Catalogue Record

Crime Survey for England and Wales, 2013-2014: Teaching Dataset

Details | Documentation | Resources | Access data

Details

Title:	Crime Survey for England and Wales, 2013-2014: Teaching Dataset
Study number (SN):	7911
Access:	These data are safeguarded
Persistent identifier (DOI):	10.5255/UKDA-SN-7911-1
Principal investigator(s):	Office for National Statistics University of Manchester, Cathie Marsh Institute for Social Research (CMIST), UK Data Service

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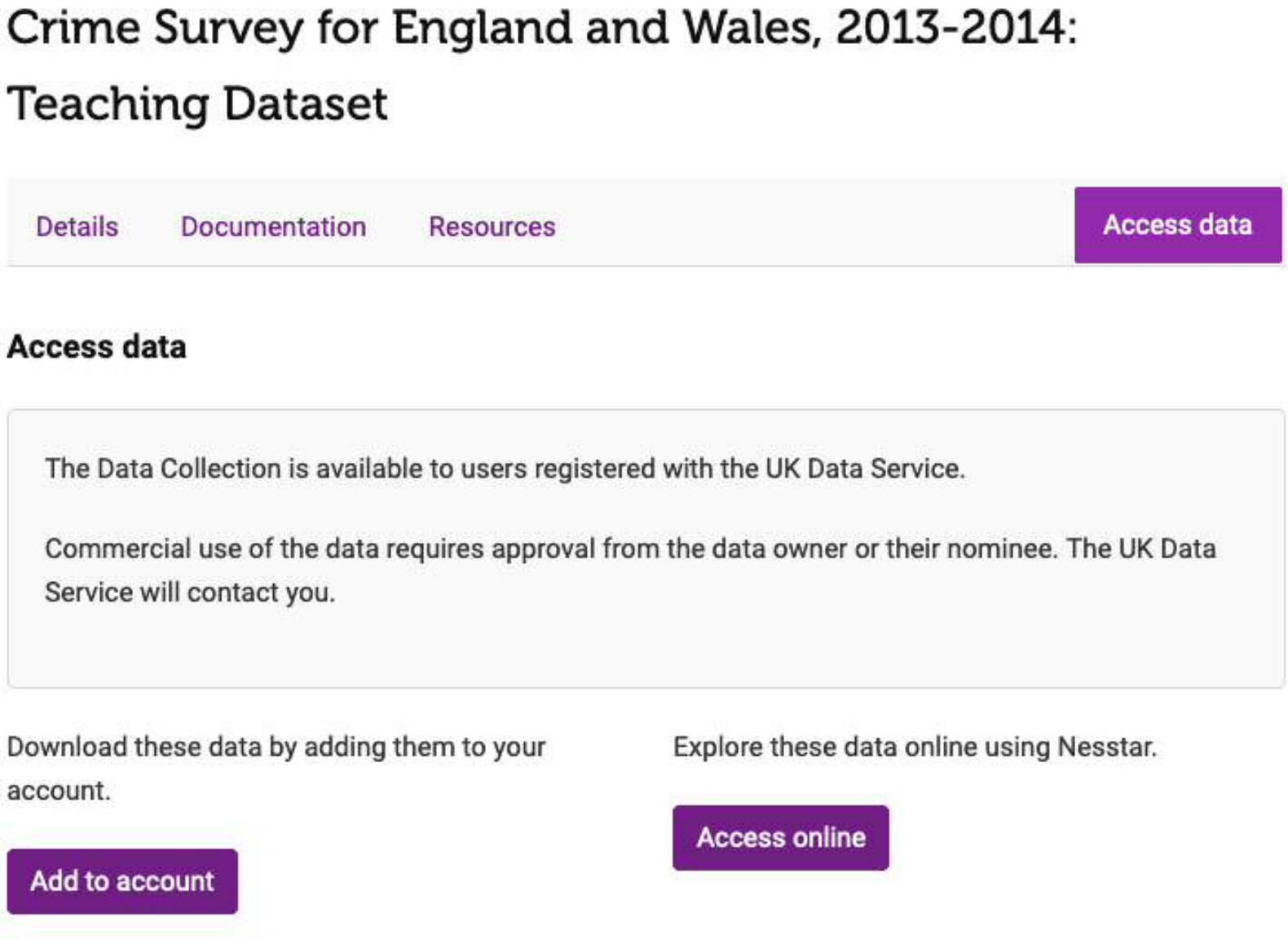
Access Data



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Nesstar

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Delivering quality social and economic data resources

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DESCRIPTION | TABULATION | ANALYSIS

- About the UK Data Service Nesstar Catalogue
  - Research Datasets
  - Unrestricted Access Datasets
  - Teaching Datasets
    - Avon Longitudinal Study of Parents and Children, Sampler Datasets
    - British Cohort Studies
    - British Household Panel Survey
    - Cohort and Longitudinal Studies Enhancement Resources (CLOSER)
    - Crime Survey for England and Wales (formerly British Crime Survey)
      - Crime Survey for England and Wales, 2013-2014: Teaching Dataset
        - Metadata
        - Variable Description
      - Crime Survey for England and Wales, 2011-2012: Teaching Dataset
      - British Crime Survey 2007-2008: Unrestricted Access Teaching Dataset
      - British Crime Survey 2007-2008: Teaching Dataset
      - British Crime Survey, 2000 : X4L SDiT Teaching Dataset
      - British Crime Survey, 2000: Teaching Dataset
    - English Housing Survey
    - English Longitudinal Study of Ageing
    - Expenditure and Food Survey

Dataset: Crime Survey for England and Wales, 2013-2014: Teaching Dataset

Abstract

The *Crime Survey for England Wales 2013-2014: Teaching Dataset* is based on the *Crime Survey for England Wales 2013-2014* (available from UK Data Archive under SN 7619) and constitutes real data which are used by the government and are behind many headlines. The teaching dataset contains fewer variables and has been subjected to certain simplifications and additions for the purpose of learning and teaching.

The main differences are:

- the number of variables has been reduced;
- weighting has been simplified;
- a reduced codebook is provided;
- additional continuous variables have been created (using principle components analysis of pre-existing variables) in order to facilitate their use in quantitative methods classes.

Further information is available in the study documentation (below) which includes a dataset user guide.

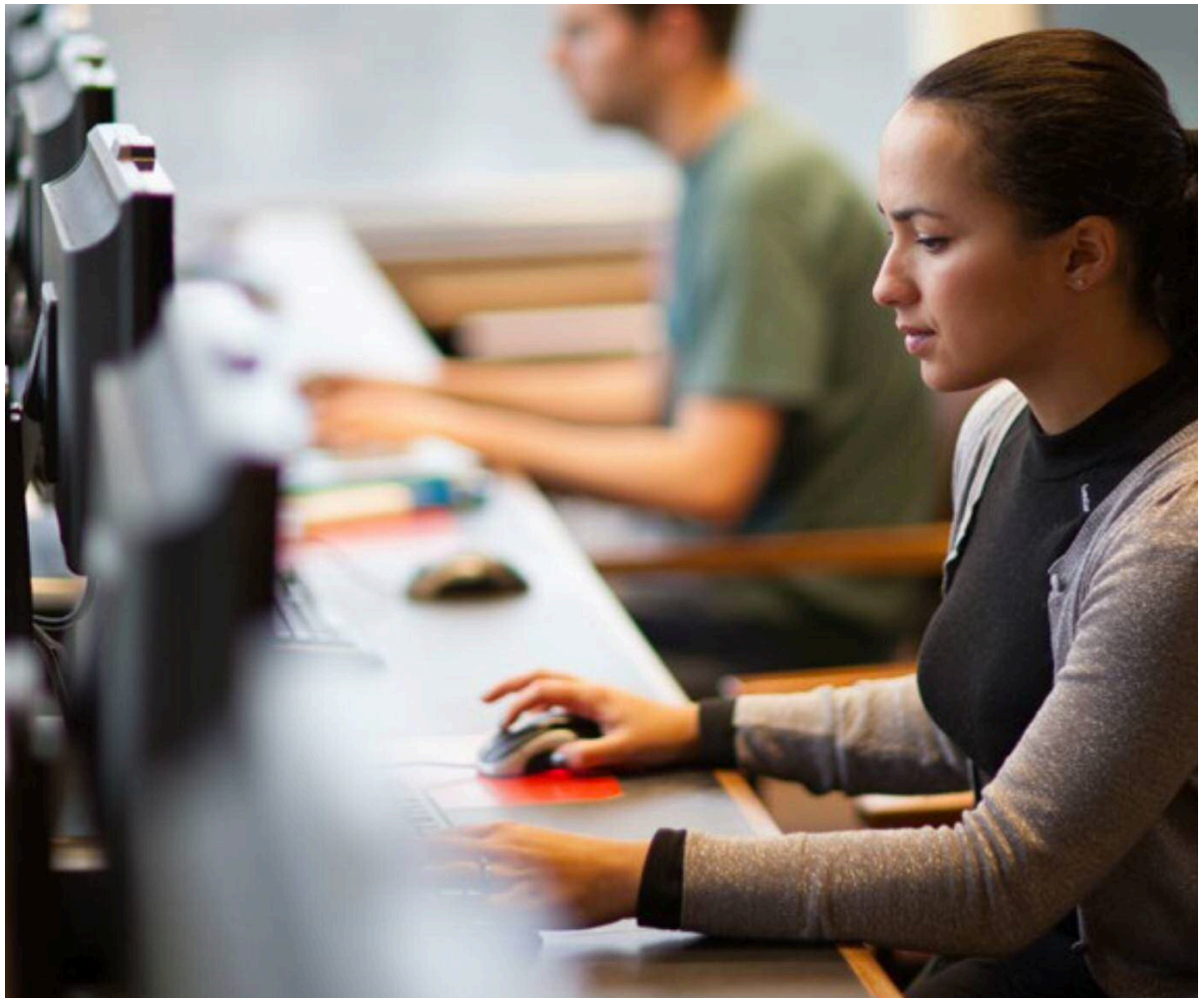
Main Topics

The main topics covered are:

- experience of crime;
- fear of crime;
- attitudes to the Criminal Justice System;
- anti-social behaviour;
- socio-demographics

Quantitative Resources

- Teaching ideas
- Methods and software guides
- Dataset guides
- e-books



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Methods and Software Guides

Data management

- Dissertations and their data: promoting research integrity in undergraduate projects
- Big data and data sharing: Ethical issues
- Microdata handling and security: guide to good practice

Software guides

- What is Stata?
- What is SPSS 20 for Windows?
- Using R to analyse key UK surveys

Survey data

- What is weighting?
- What is complex sample design?
- Analysing change over time: repeated cross sectional and longitudinal survey data
- What are hierarchical files?

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Online PDF Guides

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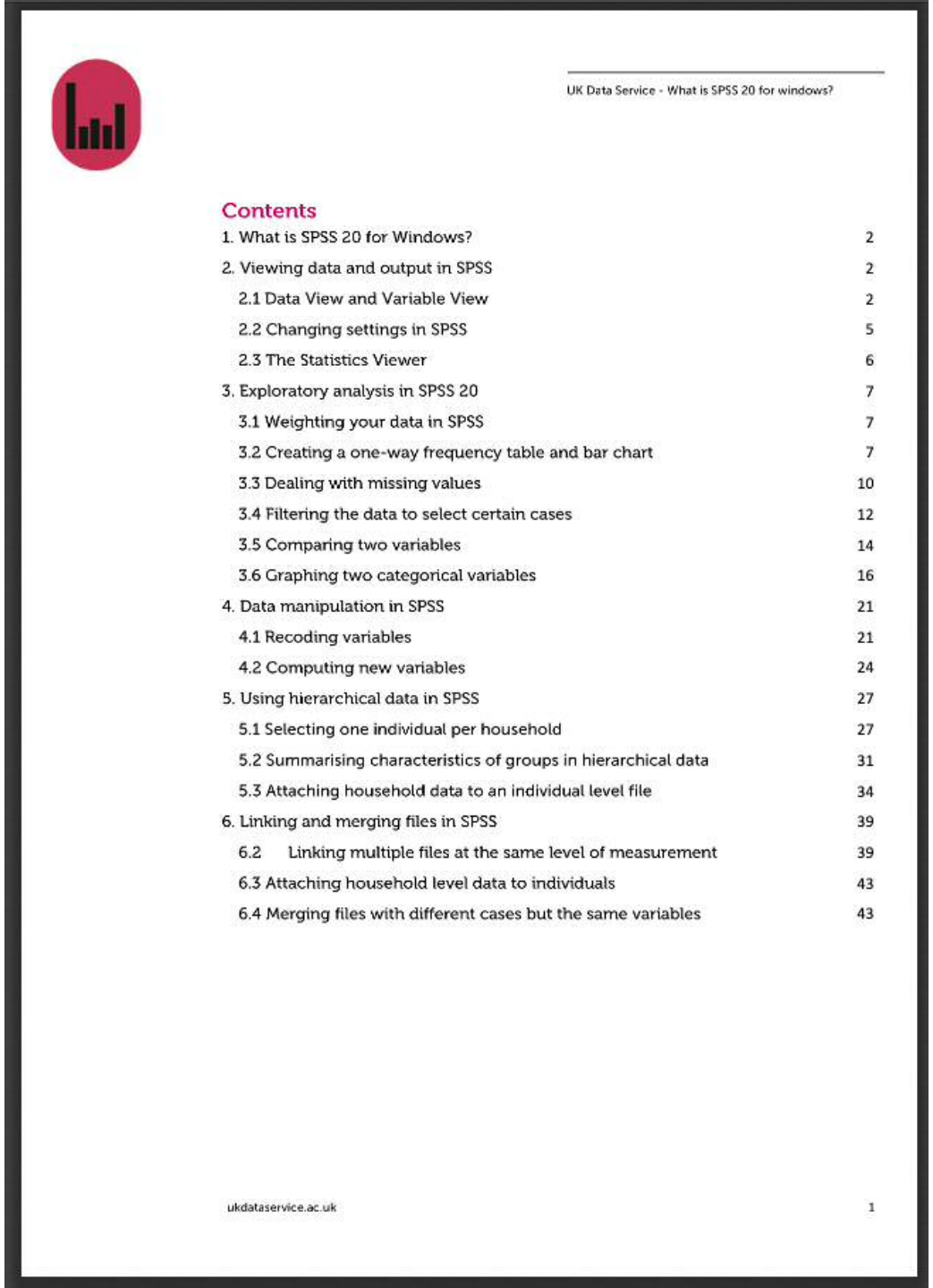
Online PDF Guides

1. What is SPSS 20 for Windows?
2. Viewing data and output
3. Exploratory analysis
4. Data manipulation
5. Using hierarchical data
6. Linking and merging files



Contents

1. What is SPSS 20 for Windows? 2
2. Viewing data and output in SPSS 2
   2.1 Data View and Variable View 2
   2.2 Changing settings in SPSS 5
   2.3 The Statistics Viewer 6
3. Exploratory analysis in SPSS 20 7
   3.1 Weighting your data in SPSS 7
   3.2 Creating a one-way frequency table and bar chart 7
   3.3 Dealing with missing values 10
   3.4 Filtering the data to select certain cases 12
   3.5 Comparing two variables 14
   3.6 Graphing two categorical variables 16
4. Data manipulation in SPSS 21
   4.1 Recoding variables 21
   4.2 Computing new variables 24
5. Using hierarchical data in SPSS 27
   5.1 Selecting one individual per household 27
   5.2 Summarising characteristics of groups in hierarchical data 31
   5.3 Attaching household data to an individual level file 34
6. Linking and merging files in SPSS 39
   6.2 Linking multiple files at the same level of measurement 39
   6.3 Attaching household level data to individuals 43
   6.4 Merging files with different cases but the same variables 43

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Resources for Students

- Information about types of data
- Advice on getting started
- Answers to FAQs
- Our guide 'Using Survey Data' – especially written for dissertation students
- Data Skills Modules

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Using Survey Data Guide

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Data Skills Modules

Surveys

Unit 1: What are survey data?

This unit will explore survey data.

You will look at what the data are, some key concepts relating to survey data and how to find datasets that you can use.

You can work through this unit in order using the next button, or use the menu to view the list of sections and jump to the part you are most interested in.

UK Data Service

New Website

- Launching October 28th
- All teaching and student resources will be located under **Teaching and Events.**

Teachers: Training and Events > Teaching

Content: Accessing and sharing data for teaching; Dissertations; Managing data; Schools; teaching datasets; Teaching resources - qualitative and quantitative

Students: Training and Events > New User

Content: Citing data; Data Skills Modules; Secondary analysis; Guide for students; Using survey data

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www.ukdataservice.ac.uk/use-data/teaching/teaching-resources

UK Data Service » Teaching ...

Site search FAQ Help Contac

UK Data Service

About us | Get data | Use data | Manage data | Deposit data | News and events

Home > Use data > Teaching with data > Teaching resources

- Advice and training
- Guides
- Video tutorials
- Data in use
- Citing data
- Secure Lab
- Teaching with data
  - Register your class
  - Teaching resources
  - Ideas for teaching
- Student resources
- Secondary analysis

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.

You can also visit our UK Data Service community forum for peer-to-peer support and information on teaching with data.

Teaching and learning guides | Qualitative/ mixed methods resources | Quantitative resources | Discover teaching datasets | Making your own teaching data

SHARE

Our teaching and learning guides

We have a growing range of teaching resources which can be used in a class situation or for self-paced learning. These include:

- online teaching modules on using data and data collection methods
- hands-on workbooks
- resources for teachers, providing practical advice and plans

Discover our teaching and learning guides.

Looking to help students find data on our website?

The video below shows the five main ways users can find data on the UK Data Service

LOGIN / RI

DISCOVER UK DATA

Data Web

HIGHLIGHTED TEACHING RESOURCE

Folk devils and moral pani

Based on Stan Cohen's clas pioneering study into youth c resource is for use in A-level undergraduate social scienc

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Advice and training
Guides
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Data in use
Citing data
Secure Lab
Teaching with data
Register your class
Teaching resources
Ideas for teaching
Student resources
Secondary analysis

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Qualitative teaching resources

- The Last Refuge
  This teaching resource incorporates a selection of the qualitative material collected during the course of the Peter Townsend's 1950s Last Refuge study, which was a major investigation of long-stay institutional care for old people in Britain.
- Pioneers of qualitative research
  Pioneers offers an insight into the backgrounds of researchers, motivations for undertaking particular pieces of research and some interesting observations about studying sociology in the 1960s, 1970s and 1980s. A series of interviews were carried out with the pioneering researchers themselves and excerpts are available through Pioneers. This resource contains a series of teaching worksheets which highlight selected extracts and ask questions relating to a theme.
- Interview methods
  This resource provides brief summaries of some of the different ways in which researchers use interviewing methods to collect collect qualitative data. Each summary is accompanied by an illustrative data sample from the extensive collections held by the UK Data Service.

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HIGHLIGHTED TEACHI
RESOURCE
Folk devils and moral p
Based on Stan Cohen's
pioneering study into you
resource is for use in A-l
undergraduate social sci

RELATED LINKS
ESRC Quantitative Meth

Student resources

Secondary analysis

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- Interview methods
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- Non-interview methods
  This resource provides brief summaries of some of the different ways in which researchers can collect qualitative data, including focus groups, diaries, online data collection, and visual methods.

- Using psychosocial approaches
  This resource showcases two archived collections which have used a psychosocial method: Hollway and Jefferson's Gender Difference, Anxiety and the Fear of Crime and Hollway's Becoming a Mother. The resource has a range of activities that can be used in the classroom or for self-paced learning.

- Teaching sociology with archived data
  These materials have been created for teaching sociology with archived data. They include a tutor's resource, tutor's feedback sheets for marking, as well as the project report pages and case study. They can be adapted as needed.

- Folk devils and moral panics
  This teaching resource is based on Stan Cohen's classic and pioneering study into youth culture, and how particular social groups are marginalised when they are

RESOURCE

Folk devils and mor

Based on Stan Coher
pioneering study into
resource is for use in
undergraduate social

RELATED LINKS

ESRC Quantitative M

Data Service

Interview methods

Non-interview methods

The Last Refuge

Psychosocial approaches

Sociology

BCS70 Malaise Inventory

Pioneers

Folk devils and moral panics

Using this resource

Background

Folk devils

Perspectives

Thinking beyond

References

Acknowledgements

Teaching resource: Folk devils and moral panics

"Based on Stan Cohen's classic and pioneering study into youth culture"

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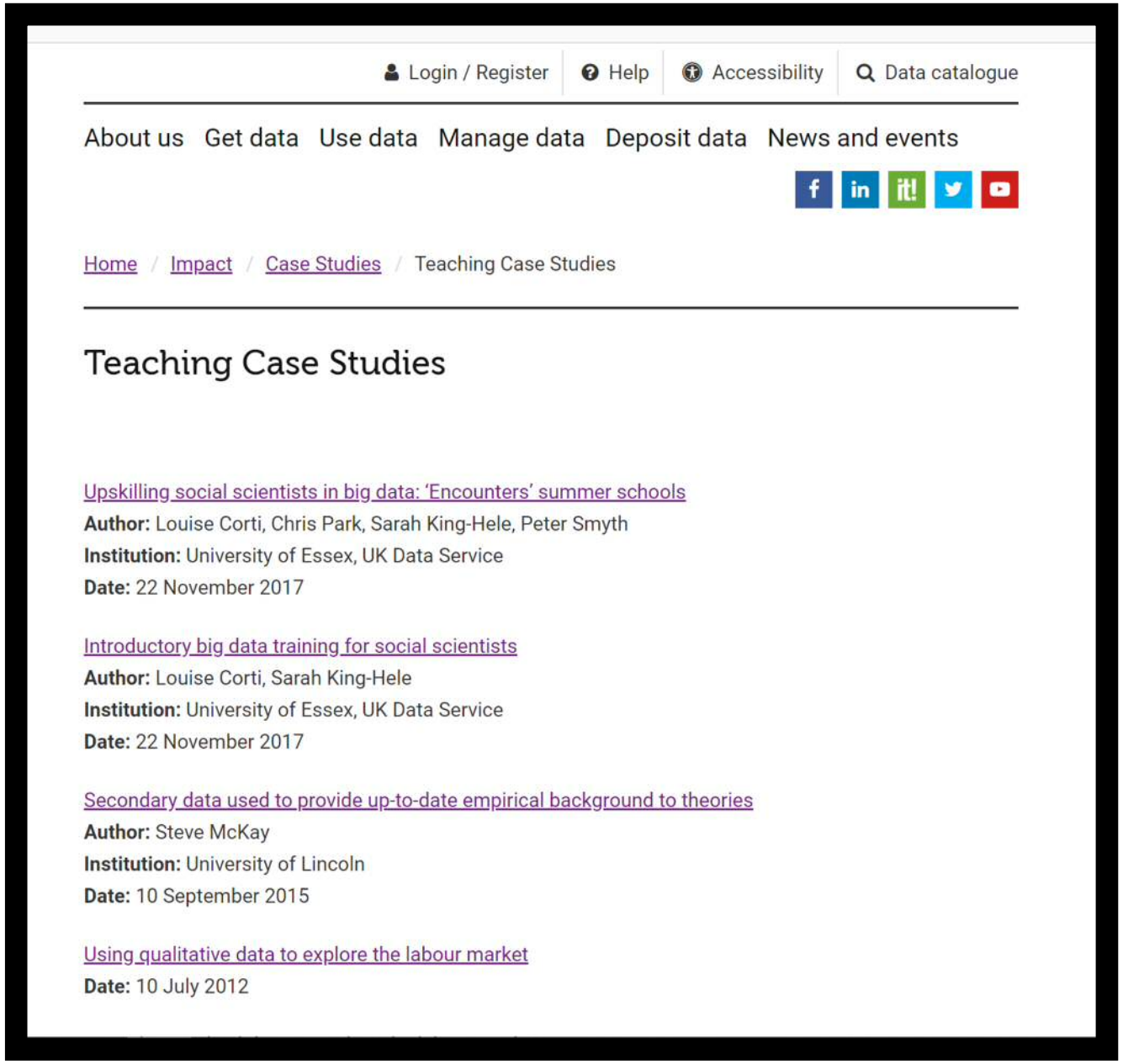
On Easter bank holiday in 1964 in Clacton-on Sea thousands of young people from the Mods and from the Rockers gangs descended on Clacton beach. The media reported a major riot in Clacton.

Later in the year on Whitsun bank holiday weekend the groups descended upon the beaches of Brighton and Margate. Once again the media reported riotous and criminal behaviour and numerous arrests.

Stan Cohen was a young PhD student at the time and he went along out of curiosity to the Brighton gathering. He found that despite the size of the gathering, behaviour was in actual fact rather tame in comparison to the media reports.

This teaching resource is based on Stan Cohen's classic and pioneering study into youth



https://beta.ukdataservice.ac.uk/impact/case-studies/teaching-case-studies

UK Data Service

://www.ukdataservice.ac.uk/get-data/themes

UK Data Service » Data by t...

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UK Data Service

About us | Get data | Use data | Manage data | Deposit data

Home > Discover data > Data by theme

Data by theme

SHARE

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

- About our data
- Key data
- Data by theme
  - Ageing
  - Crime
  - Education
  - Environment and energy
  - Ethnicity
  - Health
  - Housing
  - Information and communication
  - Labour
  - Poverty
- Data by geography
- Open data

Ageing

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

QUICK

Age

UK Data Service

https://www.ukdataservice.ac.uk/get-data/themes/ageing

UK Data Service » Ageing d...

Home > Discover data > Data by theme > Ageing

Ageing

- About our data
- Key data
- Data by theme
  - Ageing
  - Crime
  - Education
  - Environment and energy
  - Ethnicity
  - Health
  - Housing
  - Information and communication
  - Labour
  - Poverty
- Data by geography
- Open data
- How to access
- Other providers
- Explore online
- Data access policy

"Links to case studies and other related materials"

Key data | Discover | Analysing | Research | Resources

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Whilst there is a wealth of data on ageing, a number of studies are regarded as 'key' in the UK – either through their subject/geographical coverage, their use of standard measures, their longevity, their usage among the research community or because they are used to create 'official' figures.

The majority of the data described are known as 'raw', 'primary' or 'source' data in the sense that they represent information that has been collected 'first-hand'; they are original data sources which may then be used for 'secondary' analysis by researchers not involved in the data collection process. The majority of these data are anonymised because they describe the attitudes, behaviour, circumstances and personal details of the individuals being studied. These types of data are heavily used by the academic and government research communities.

The UK Data Service provides access to the following primary data sources:

Study name	Coverage	Topics
Boomers and Beyond:		life styles

LOGIN / REG

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Data | Website

QUICK ACCESS TO

- Ageing
- Crime
- Education
- Environment and energy
- Ethnicity
- Health and health behavi
- Housing and local enviro
- Information and commun
- Labour market
- Poverty and social exclus

RELATED LINKS

THE BRITISH ACADEMY DE
The Best Years of our Lives?
Brain and Well-Being

ervice

STUDIES (69) | SERIES (4)

Date from: 1753 Date to: 2018

Refine date

Topic:

Data Type: Qualitative and mixed methods data ×

Access:

Country:

Displaying **1 - 3** of **3** results for '**Keyword:TEACHING PACKAGES**' Page **1** of **1**

Results per page: 10 Sort by: Relevance

SN 6965 | Qualitative Study of Democracy and Participation in Britain, 1925-2003: Teaching Data

Haynes, Jo

SN 6963 | British Migrants in Spain: the Extent and Nature of Social Integration, 2003-2005: Teaching Data

Haynes, Jo

SN 6964 | Consumption, Lifestyle and Identity: Reading the New Men's Lifestyle Magazines, 1985-1997: Teaching Data

Haynes, Jo

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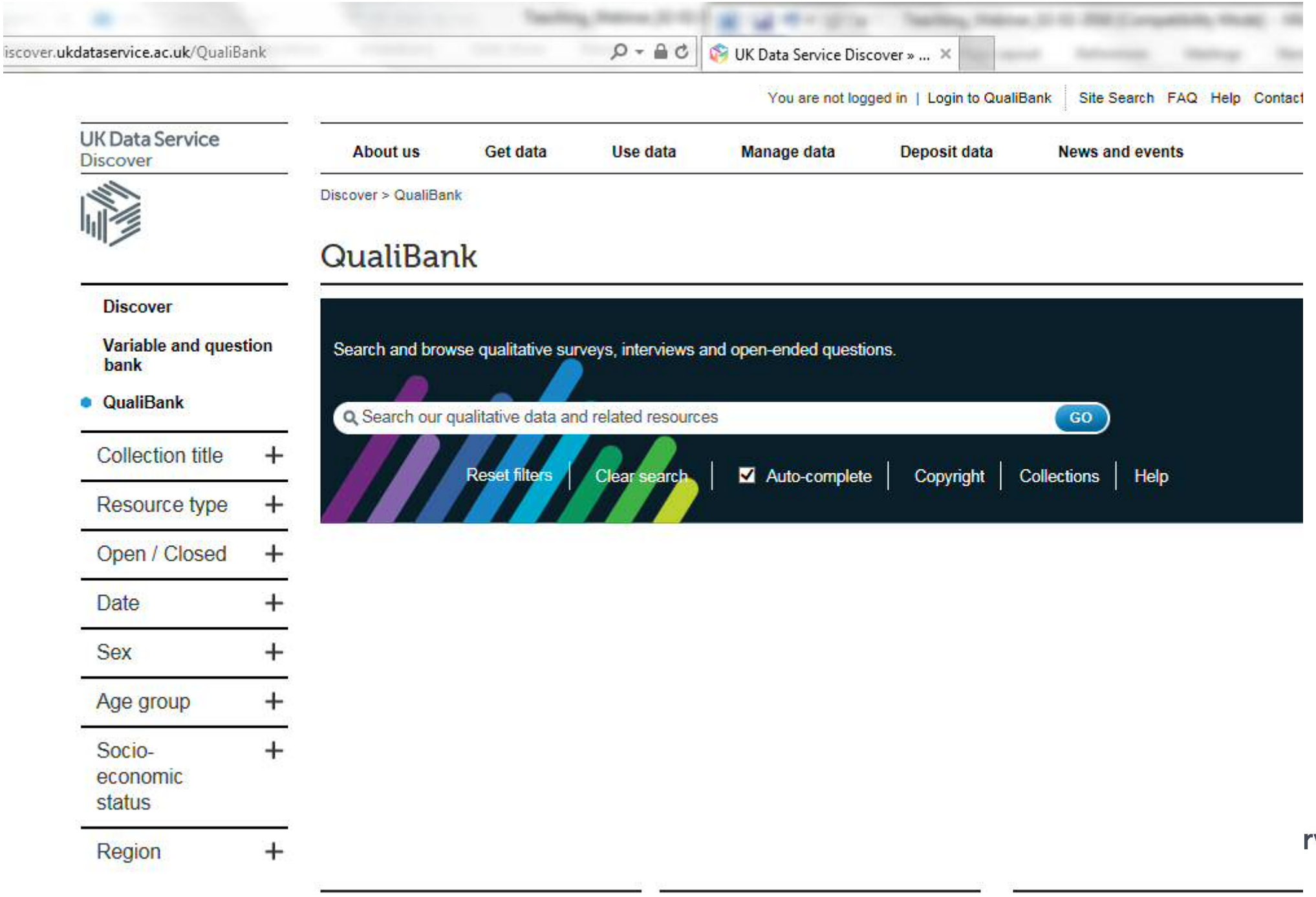
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Site Search FAQ Help Contact
UK Data Service
Discover
About us
Get data
Use data
Manage data
Deposit data
News and events
Discover > QualiBank
QualiBank
Discover
Variable and question bank
QualiBank
Collection title
Resource type
Open / Closed
Date
Sex
Age group
Socio-economic status
Region
Search and browse qualitative surveys, interviews and open-ended questions.
Search our qualitative data and related resources
GO
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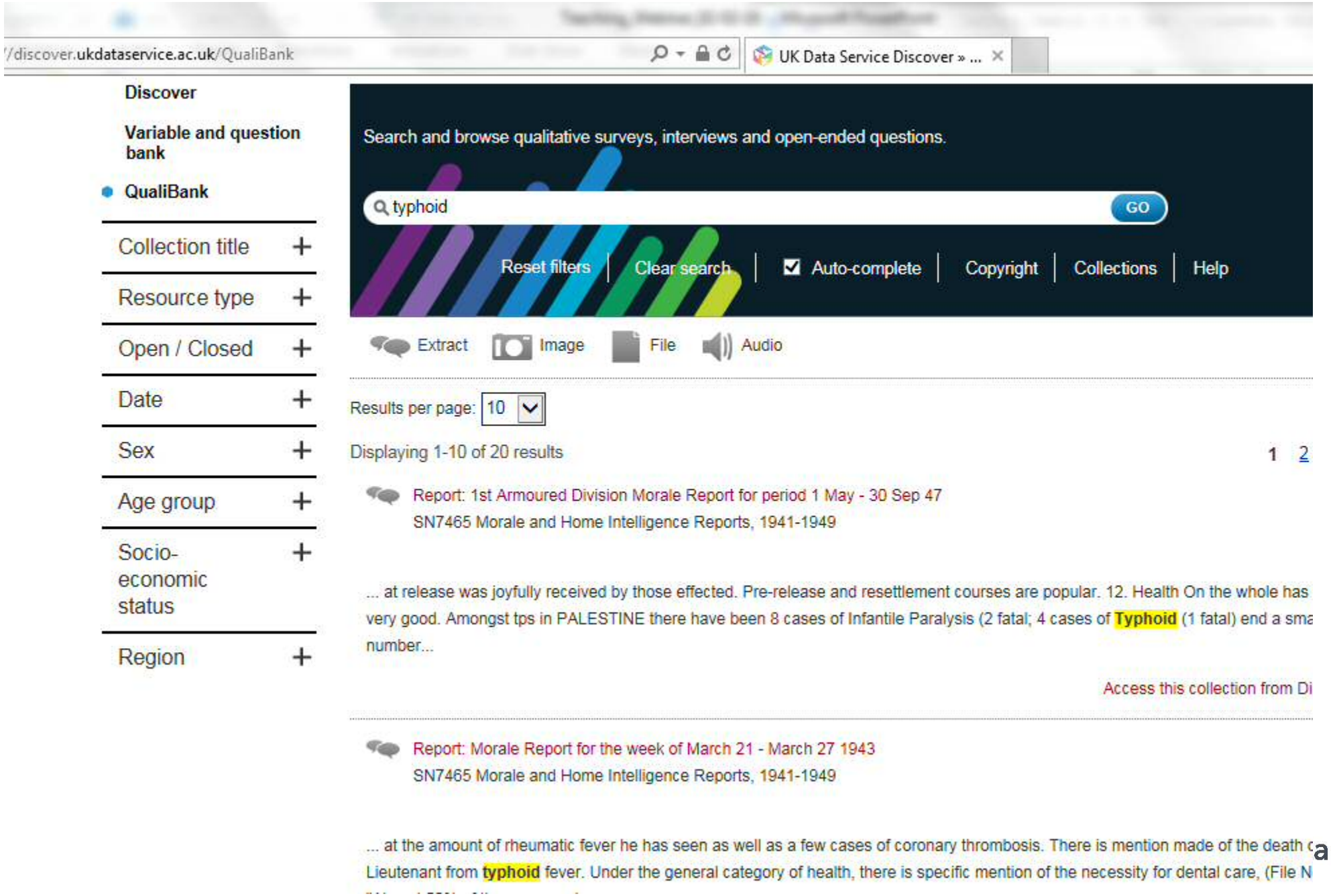
Clear search
Auto-complete
Copyright
Collections
Help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Discover
Variable and question bank
QualiBank
Collection title
Resource type
Open / Closed
Date
Sex
Age group
Socio-economic status
Region
Search and browse qualitative surveys, interviews and open-ended questions.
typhoid
GO
Reset filters
Clear search
Auto-complete
Copyright
Collections
Help
Extract
Image
File
Audio
Results per page: 10
Displaying 1-10 of 20 results
1 2
Report: 1st Armoured Division Morale Report for period 1 May - 30 Sep 47
SN7465 Morale and Home Intelligence Reports, 1941-1949
... at release was joyfully received by those effected. Pre-release and resettlement courses are popular. 12. Health On the whole has very good. Amongst tps in PALESTINE there have been 8 cases of Infantile Paralysis (2 fatal; 4 cases of Typhoid (1 fatal) end a sma number...
Access this collection from Di
Report: Morale Report for the week of March 21 - March 27 1943
SN7465 Morale and Home Intelligence Reports, 1941-1949
... at the amount of rheumatic fever he has seen as well as a few cases of coronary thrombosis. There is mention made of the death c Lieutenant from typhoid fever. Under the general category of health, there is specific mention of the necessity for dental care, (File N

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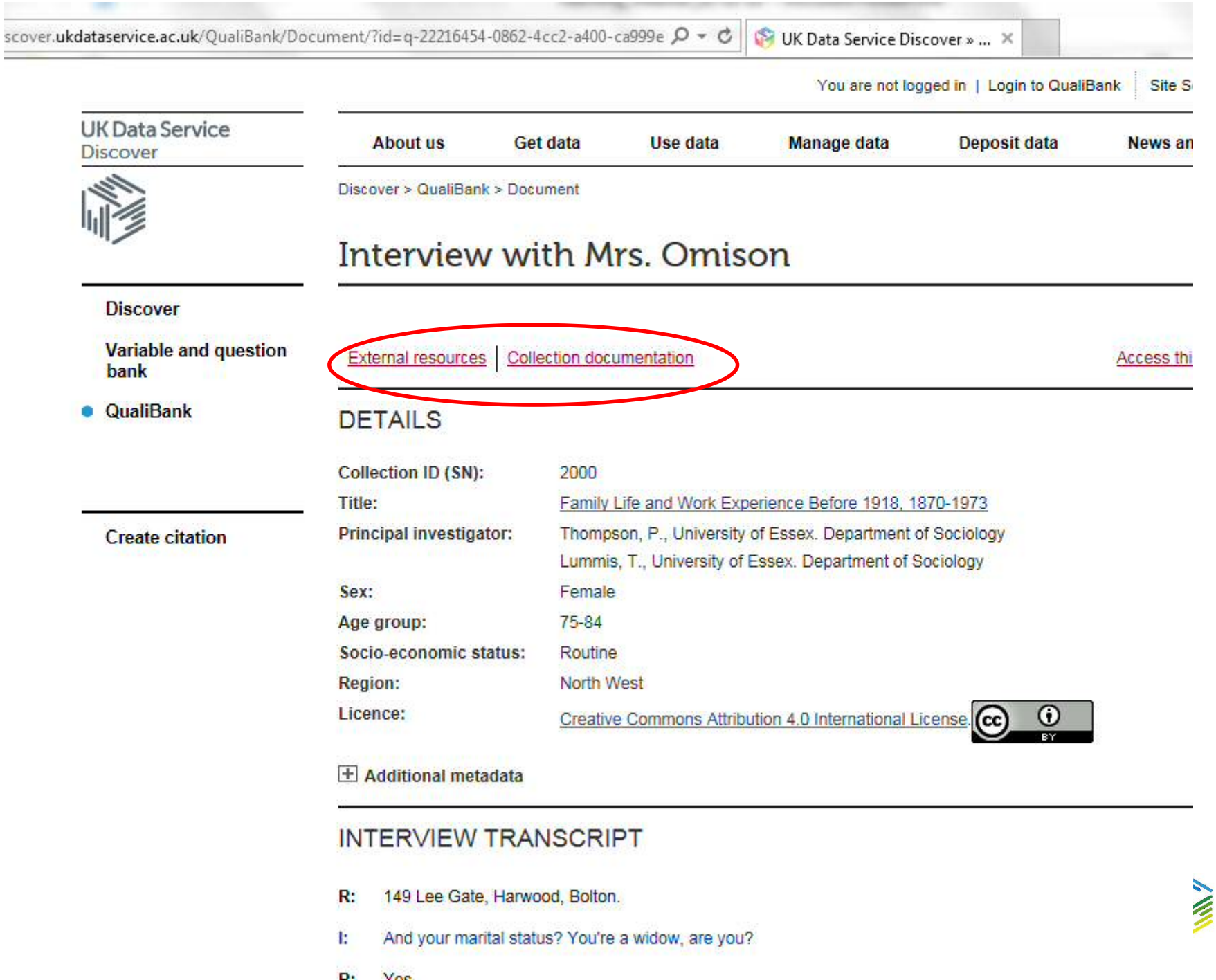

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Create citation

R: Oh yes, that was done. The Maypole dances.

I: Where did they have the Maypole?

R: Well of course I remember St. Osyth Priory - I lived just inside St. Osyth then you see, my father and mother moved from Angers Green to - I told you about the barracks - we moved there when I was - not more than about two I suppose.

I: And you lived on there for quite a while didn't you?

R: I lived there 'til I got married. Yes.

I: Why did they make that move?

R: Well, of course they moved - lived in a house at Angers Green, I don't know who that belonged to but then of course as these barrack cottages became vacant I mean the farmer usually put his men in them you see. That was why my father moved 'cos-;

I: It wasn't because he changed his employer?

R: Oh no, the house went with the job you see.

I: And at St. Osyth in Priory they used to have a Mayday do did they?

R: Oh yes. Well they had - a lot of big do's there when I was a kid, I mean, I belonged to the Sunday school, I used to have all their treats there - their summer treats you know. And of course the woman then who had it - was a very rich woman you see those days, I mean they had about seventeen gardeners and - and seventeen or eighteen indoor staff.

RELATED RESOURCES

Related external resources

XML TEI Transcript
XML QuDEx metadata
Web Resource: Abstract of the Edwardians book

Related audio

Audio extract from Interview with Mr. Keble
Audio extract from Interview with Mr Keble

Related images

Image relating to the Edwardians

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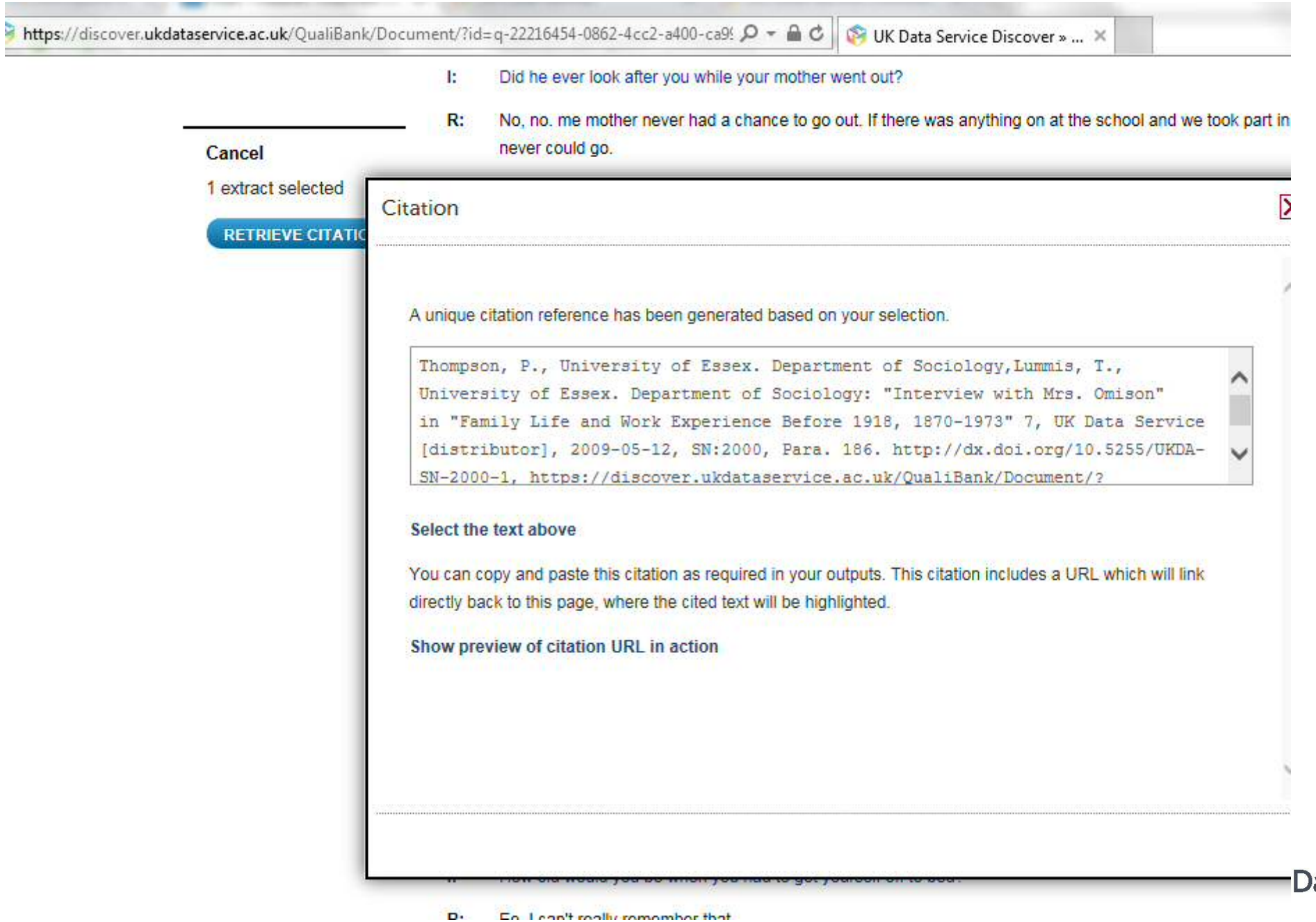

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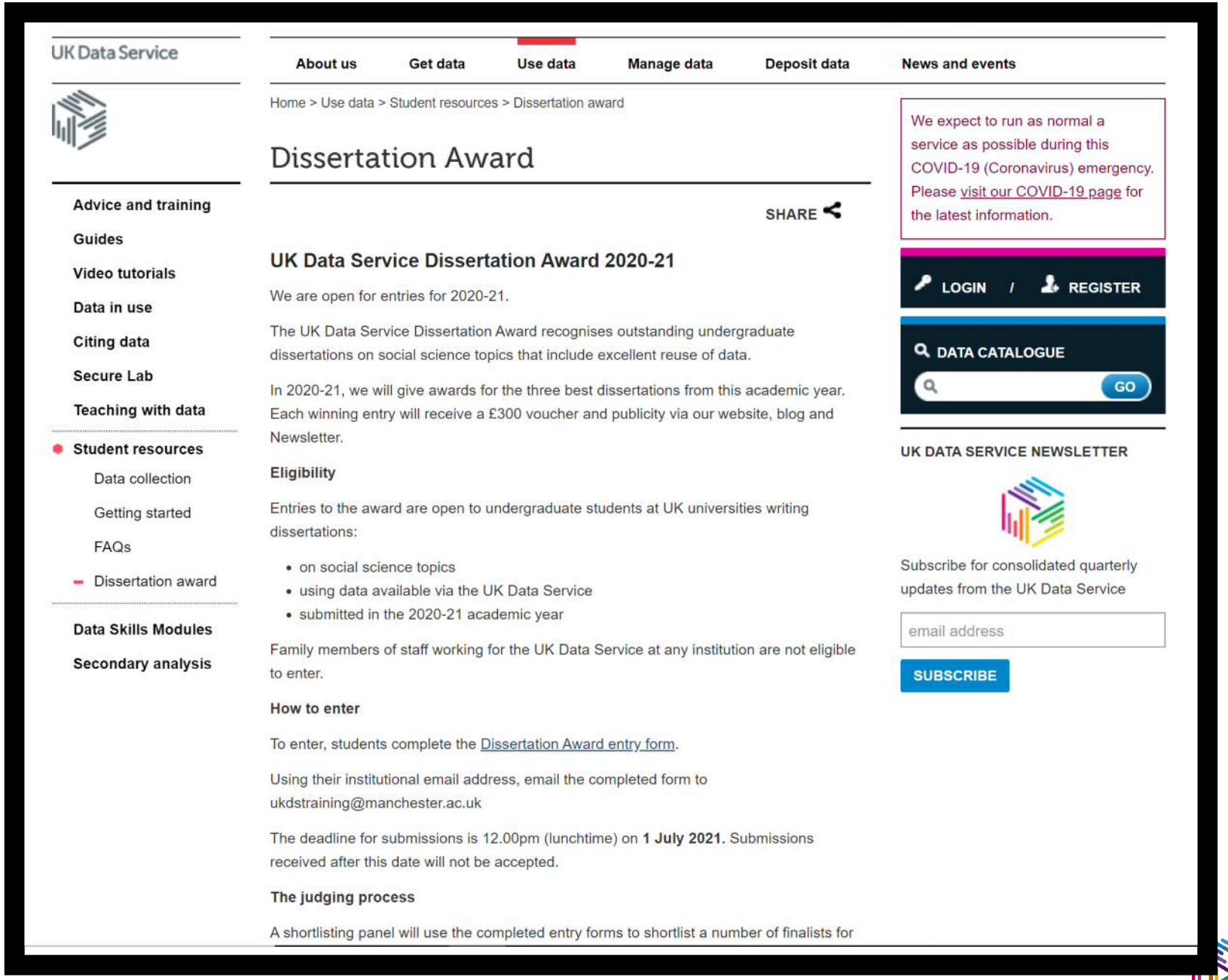

https://www.ukdataservice.ac.uk/use-data/student-resources/dissertation-award.aspx

UK Data Service

Upcoming events

- 29 Sep, 3-4 pm: Social Network Analysis: Techniques and Methods of Analysis
- 1 Oct: The Catalogue of Mental Heath Measures: Discovering the depths of mental health data in UK longitudinal studies
- 8 Oct, 3-4pm: Data in the spotlight: UK and cross-national surveys
- 15 Oct, 3-4pm: Data in the spotlight: Longitudinal data
- 21 Oct, 3-4pm: Data for dissertations
- 22-23 Oct: COVID-19 Data Dive: Exploring the social and economic impacts of the pandemic
- 22 Oct, 3-4pm: Data in the spotlight: Census and population studies
- 26 Oct, 3-4pm: Data in the spotlight: Qualitative and mixed methods data
- 5 Nov, 304pm: Data in the spotlight: International time series databanks
- 12 Nov, 3-4pm: Introduction to the UK Data Service
- 24 Nov: Labour Force and Annual Population Surveys User Conference 2020 (online)
- 26 Nov, 3-4pm: Getting started with secondary analysis
- 3 Dec, 3-4pm: Data management basics
- 8 Dec: Crime Surveys User Conference 2020 (online)
- 10 Dec, 3-4pm: Depositing your data with Reshare

UK Data Service

Questions

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