

# Data in the spotlight – longitudinal data

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UK Data Service/UKDA/University of Essex

Online workshop, 1 December 2022

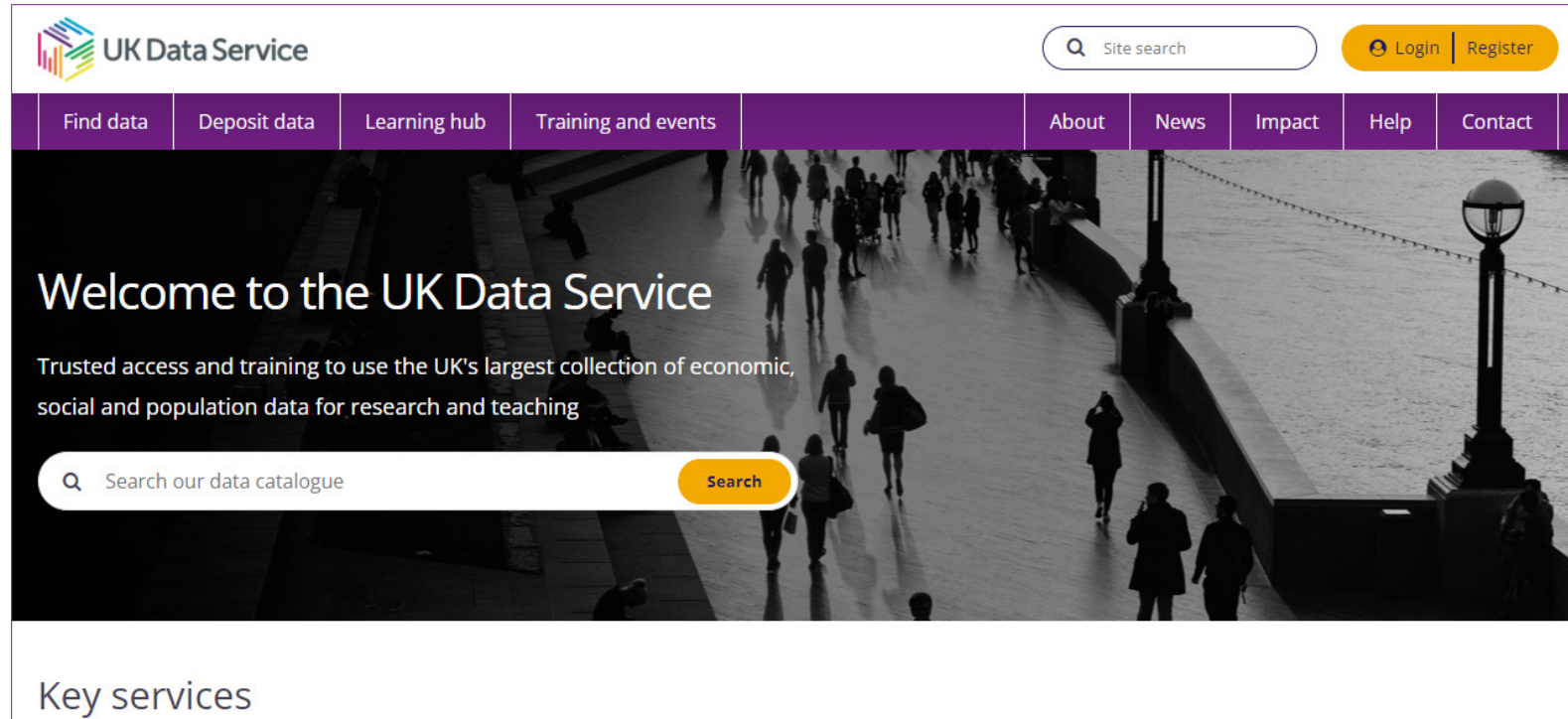


# Roadmap

- UK Data Service – intro.
- What longitudinal data are available via the UK Data Service.
- Where to find and how to access data, resources and help.
- Hands-on practicals.

# What is the UK Data Service

- A comprehensive resource funded by the ESRC.
- A single point of access to a wide range of secondary social science data.
- Support, training and guidance.



The screenshot shows the UK Data Service website homepage. At the top left is the UK Data Service logo. To its right is a site search bar with a magnifying glass icon and the text 'Site search'. Further right are 'Login' and 'Register' buttons. Below these is a navigation menu with links: 'Find data', 'Deposit data', 'Learning hub', 'Training and events', 'About', 'News', 'Impact', 'Help', and 'Contact'. The main content area features a large background image of a busy pedestrian walkway by the water. Overlaid on this image is the text 'Welcome to the UK Data Service' in a large, bold font. Below this is a subtitle: 'Trusted access and training to use the UK's largest collection of economic, social and population data for research and teaching'. At the bottom of this section is another search bar with the text 'Search our data catalogue' and a 'Search' button. The footer of the page includes the text 'Key services' on the left and the website URL 'ukdataservice.ac.uk' on the right.

UK Data Service

Site search

Login Register

Find data Deposit data Learning hub Training and events About News Impact Help Contact

## Welcome to the UK Data Service

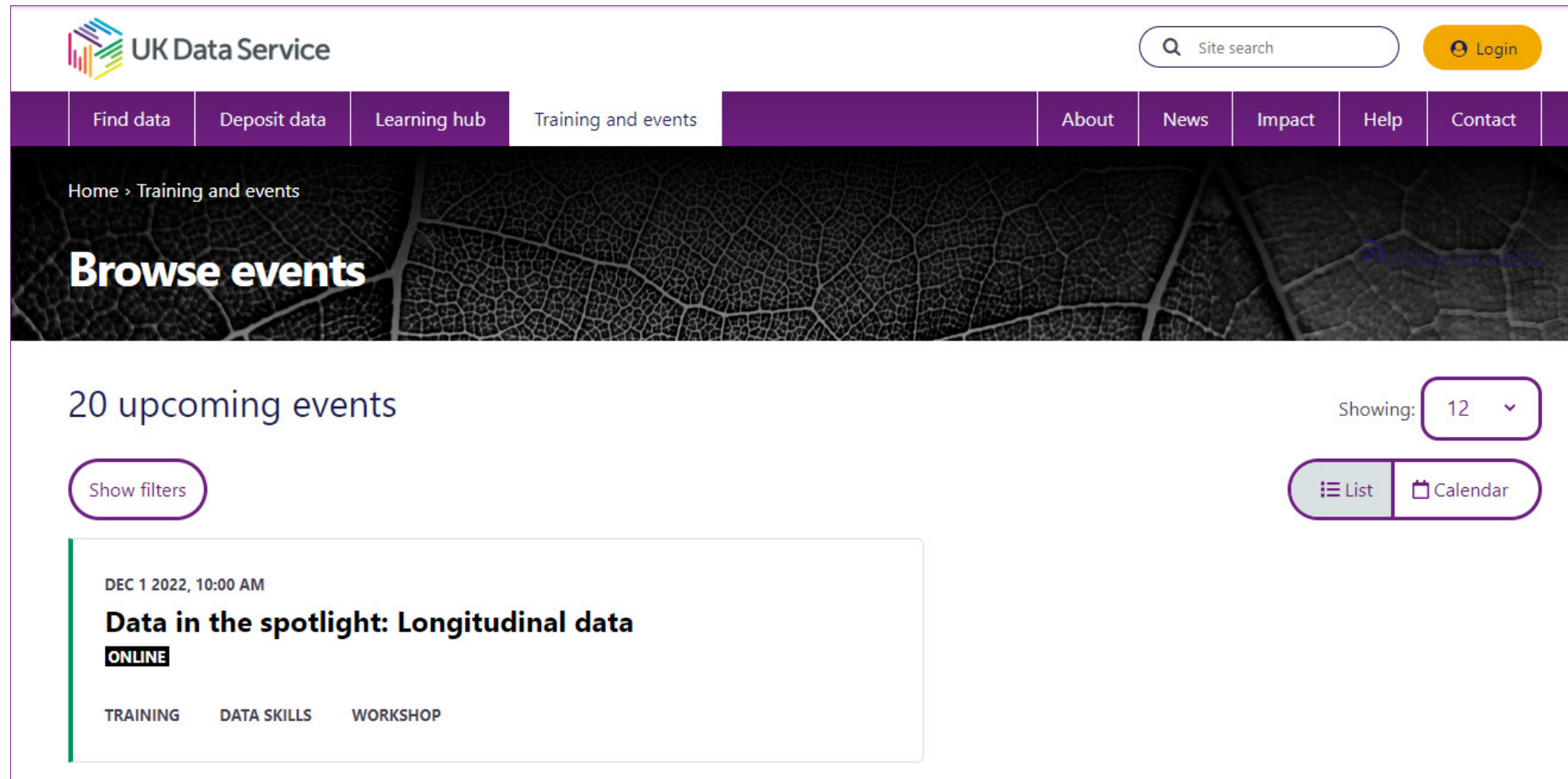
Trusted access and training to use the UK's largest collection of economic, social and population data for research and teaching

Search our data catalogue Search

Key services

[ukdataservice.ac.uk](https://ukdataservice.ac.uk)

# Slides and recording of the event



The screenshot shows the 'Training and events' section of the UK Data Service website. The header includes the UK Data Service logo, a search bar, and a 'Login' button. A navigation menu contains links for 'Find data', 'Deposit data', 'Learning hub', 'Training and events' (which is highlighted), 'About', 'News', 'Impact', 'Help', and 'Contact'. Below the navigation, a breadcrumb trail reads 'Home > Training and events'. The main heading is 'Browse events'. To the right, there is a 'Follow our events' link with a social media icon. The section displays '20 upcoming events'. On the left, there is a 'Show filters' button. On the right, there is a 'Showing: 12' dropdown menu and two buttons for 'List' and 'Calendar' views. The first event listed is 'Data in the spotlight: Longitudinal data' scheduled for 'DEC 1 2022, 10:00 AM'. It is marked as 'ONLINE' and categorized under 'TRAINING', 'DATA SKILLS', and 'WORKSHOP'.

UK Data Service

Site search

Login

Find data Deposit data Learning hub Training and events About News Impact Help Contact

Home > Training and events

Browse events

Follow our events

20 upcoming events

Showing: 12

Show filters

List Calendar

DEC 1 2022, 10:00 AM

**Data in the spotlight: Longitudinal data**

**ONLINE**

TRAINING DATA SKILLS WORKSHOP

[ukdataservice.ac.uk/training-events/](https://ukdataservice.ac.uk/training-events/)



# Who is it for?

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

# Data sources

- Official agencies - mainly central government.
- International statistical time series.
- Individual academics - research grants.
- Market research agencies.
- Public records/historical sources.
- Access to international data via links with other data archives worldwide.

# Types of data collections

- **Survey microdata:**  
cross-sectional  
panel/ longitudinal  
international microdata
- **Aggregate statistics:**  
international macrodata
- **Census data:**  
aggregate data  
flow data  
microdata  
boundary data
- **Qualitative/ mixed methods data:**  
in-depth interview transcripts, diaries, anthropological field notes,  
answers to open-ended survey questions, audio-visual recordings  
and images.

# Data @ the UK Data Service

UK Surveys	large-scale government funded surveys
Longitudinal	major UK surveys following individuals over time
International	multi-nation aggregate databanks (macro) and survey (micro) data
Qualitative	range of multimedia qualitative and mixed methods data
Census	Census data 1961 – 2011
Business	business microdata
Administrative	records for admin. data, for which ADRN has negotiated researcher access
Controlled International Microdata	IAB data (Germany) CASD data (France) GESIS data (Germany)



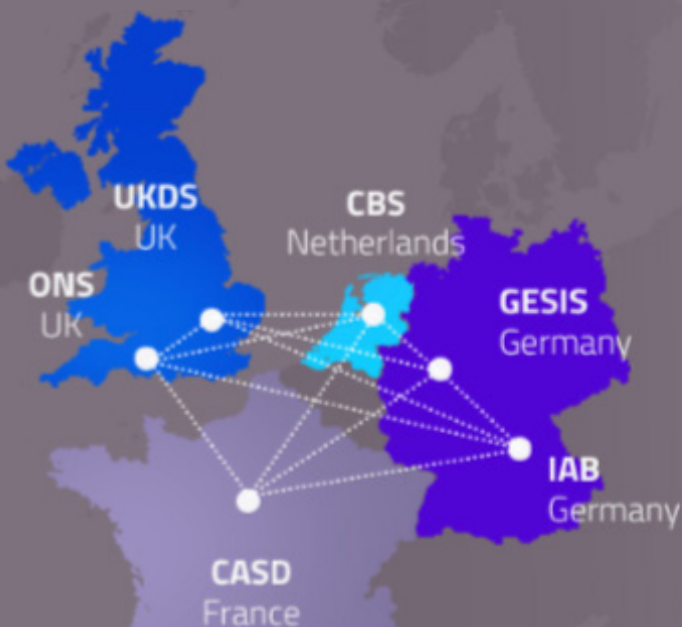
# IDAN International Data Access Network



## IDAN

International  
Data Access Network

The IDAN project is a collaboration between **6 RESEARCH DATA CENTRES (RDCs)** from France, Germany, The Netherlands and the United Kingdom to facilitate research use of controlled access data between these RDCs/ countries via reciprocal provision of Safe Room Remote Desktop Access.



The Network will enable researchers to work remotely on controlled access data provided by partner countries

[idan.network/](https://idan.network/)

CASD



Office for  
National Statistics

gesis  
Leibniz Institute  
for the Social Sciences



UK Data Service

# Data at the UK Data Service

Data @ the UK Data Service (9,018 studies)

Open data (1,137)

Safeguarded data (7,478)

Controlled data (244)  
SecureLab data, remote access  
SecureLab data, Safe Room access





# Our data collections by access level

Data access conditions	Access level
Open Licence	Open
End User Licence (EUL) [Authentication]	Safeguarded
Special Conditions (SC) [Authentication]	
Special Licence (SL) [Authentication, Accredited Researcher Status]	
SecureLab Data Access (remote) [Authentication, Accredited Researcher Status, Training + Test]	Controlled
SecureLab Data Safe Room Access (on-site) [Authentication, Accredited Researcher Status, Training + Test]	

The Government Statistical Service Policy for the release of social survey microdata ensures compliance with the

- Code of Practice for Official Statistics (CoP),
- Statistics and Registration Service Act (SRSA), 2007.

[Policy for social survey microdata - Office for National Statistics \(ons.gov.uk\)](#)



# Longitudinal data

- Longitudinal surveys involve repeated surveys of the same individuals at different points in time.
- Large samples, nationally-representative.
- New respondents are added regularly to keep numbers up.
- Allow researchers to analyse change at an individual level.
- More complex to manage and analyse.



# Longitudinal data – some examples

- 1958 National Child Development Study (NCDS)
- 1970 British Cohort Study (BCS70)
- Millennium Cohort Study (MCS)
- British Household Panel Survey (BHPS)
- Understanding Society/  
UK Household Longitudinal Study (UKHLS)
- Families and Children Study (FACS)
- English Longitudinal Study of Ageing (ELSA)
- Next Steps (LSYPE 1) (Longitudinal Study of Young people in England - LSYPE) (1989-90)
- Our Future (LSYPE 2)
- Growing Up in Scotland (GUS)
- CLOSER (Cohort and Longitudinal Studies Enhancement Resources).

# British Birth Cohort Studies (CLS)

Impact of childhood conditions on education, later life health and economic circumstances and understanding children and families in the UK.

- National Child Development Study follows a cohort (17,000) born in a single week in 1958 - data collected at birth & ages 7, 11, 16, 23, 33, 42, 46, 50 (7 Up TV series), 55, 62 (2020); add. biomedical survey (9,000) at age 45.
- 1970 British Cohort Study follows a cohort (17,000) born in a single week in 1970 - data collected around birth & ages 5, 10, 16, 26, 30, 34, 38, 42, 46 (biomedical follow-up), 51 (2021).
- Millennium Cohort Study focuses on children born in 2000/ 2001 (19,000) - sweeps at 9 months, 3, 5, 7, 11, 14, 17, and 22 (2022) years.

wide range of social, economic, health, medical and psychological issues.

# British Birth Cohort Studies (CLS)...cont

## National Child Development Study (1958)

- has become a unique resource for investigating social mobility and the impact of childhood conditions on later life.
- some data collections in this series have a special focus.
  - e.g. partnership history, employment history, social participation and identity, response and death, parent migration, behavioural studies and essays.

## British Cohort Study 1970 (BCS70)

- Design and coverage is similar to NCDS – some of the recent sweeps used common questions.
- Provides important opportunities for inter-cohort comparison.
- Again, some data collections in this series have a special focus:
  - e.g. education, partnership history, employment history

## Millennium Cohort Study

- Provides important opportunities for inter-cohort comparison after a long gap of 30 years since 1970.
- Again, some data collections in this series have a special focus:
  - e.g. mothers who received fertility treatment, physical activity, teacher survey.

# MCS age 14 - Time use diary app and activity monitor

The MCS Age 14 Survey was the first large-scale population study in the world to incorporate objective measurement of physical activity using accelerometers alongside self-reported time use for the same period into a social survey. It's also the first large-scale study to make use of new technologies, including both a specially-developed online diary and bespoke smartphone app, to collect this data. We embraced new technologies both in order to capture this highly detailed data in all its richness, and also to make the tasks more appealing to this age group, and thereby help engage them and improve response rates.

Paper diary

WHAT WERE YOU DOING? EARLY MORNING MORNING AFTERNOON EVENING NIGHT

WHERE WERE YOU?

WHO WERE YOU WITH?

HOW MUCH DID YOU LIKE IT?

CENTRE FOR  
LONGITUDINAL  
STUDIES

App diary

What were you doing at 4:00am?

Please select one option only

Sleep and personal care

School, homework, and education

Paid or unpaid work

Chores, housework, and looking after people or animals

Eating and drinking

What time did you finish sleeping and resting?

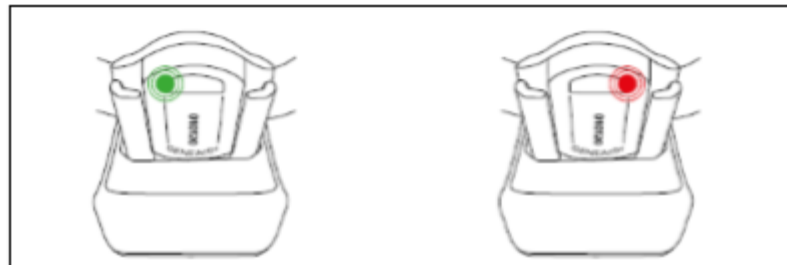
08 00

09 01

10 02

CENTRE FOR  
LONGITUDINAL

Source: Gilbert, Calderwood, Fitzsimons, CLS



Activity Monitor





# Four national longitudinal cohort studies @ CLS

[cls.ucl.ac.uk/cls-studies/](https://cls.ucl.ac.uk/cls-studies/)

## Our studies

The Centre for Longitudinal Studies is home to four national longitudinal cohort studies, which follow tens of thousands of people from birth and across the whole of their lives.

Each of our four studies follows large, nationally representative groups of people born in a given year. Our oldest study charts the lives of a group of Baby Boomers born in the late 1950s, while our youngest keeps up with a group born at the turn of the new century.



### 1958 National Child Development Study

Following the lives of 17,000 people born in a single week in 1958 in Great Britain.



### 1970 British Cohort Study

Following the lives of 17,000 people born in a single week in 1970 in Great Britain.



### Next Steps

Following the lives of 16,000 people in England born in 1989-90.



### Millennium Cohort Study

The most recent of Britain's cohort studies, following 19,000 young people born in the UK at the start of the new century.

# COVID-19 surveys @ CLS

## COVID-19 survey

During the coronavirus pandemic, we have been running a series of surveys to find out about the experiences of the participants in five national longitudinal cohort studies. The aim is to understand the economic, social and health impacts of the COVID-19 crisis, the extent to which the pandemic is widening or narrowing inequalities, and the lifelong factors which shape vulnerability and resilience to its effects.

We have now completed three waves of the survey. Participants in all four of the national longitudinal cohort studies that we manage at CLS, as well as participants in the MRC National Survey of Health and Development, have taken part. In March 2021, study participants who had taken part in any of these three COVID-19 surveys were asked to provide a blood sample to be analysed for COVID-19 antibodies.

[cls.ucl.ac.uk/covid-19-survey/](https://cls.ucl.ac.uk/covid-19-survey/)



**CLOSER blog: How the UK's longitudinal studies are helping society navigate the COVID-19 pandemic**

17 September 2020

# COVID-19 Survey in Five National Longitudinal Studies

3 Waves have been completed.

In March 2021, study participants who had taken part in any of these three COVID-19 surveys were asked to provide a blood sample to be analysed for COVID-19 antibodies.

Wave 1 (May 2020; 18,000 participants)

The aim of the first survey was to collect insights into the lives of study participants including their physical and mental health and wellbeing, family and relationships, education, work, and finances during the first national lockdown. The questions focused mainly on how participants' lives had changed from just before the outbreak of the pandemic in March 2020 up until their response to the survey during the height of the lockdown restrictions in May 2020.

Wave 2 (September/October 2020; 26,000 participants)





The aim of the Wave 2 survey was to capture how participants' lives had changed from Wave 1 (in May 2020) until late summer/early autumn 2020. The topic areas mirrored closely those for Wave 1, with additional questions about:

- Health care
- Financial transfers
- Life events
- Children's schooling in summer and autumn term

Wave 3 (February/ March 2021; 28,000 participants)

The majority of the content comprised questions included in the first (May 2020) and second (September-October 2020) surveys. Other questions in Wave 3 were new additions, including questions about the vaccination programme and long COVID. Work and finances, a topic covered in the previous waves, featured again in this wave, but with additional questions on pay and household income.

# COVID-19 data @ UKDS

  ukdataservice.ac.uk/find-data/browse/covid-19/  
<div><div><b>Welfare at a (Social) Distance, 2020-2021: Wave 1</b></div><div><b>Coverage:</b> 2020; United Kingdom</div><div><b>Topic:</b> See data catalogue record for full topic listing.</div></div> <div>View &gt;</div>
<div><div><b>COVID-19 Survey in Five National Longitudinal Cohort Studies: Millennium Cohort Study, Next Steps, 1970 British Cohort Study and 1958 National Child Development Study, 2020-2021</b></div><div><b>Coverage:</b> 2020 - 2021; United Kingdom</div><div><b>Topic:</b> See data catalogue record for full topic listing.</div></div> <div>View &gt;</div>
<div><div><b>Understanding Society: COVID-19 Study, 2020-2021</b></div><div><b>Coverage:</b> 23 April 2020 - 10 May 2021; United Kingdom</div><div><b>Topic:</b> See data catalogue record for full topic listing.</div></div> <div>View &gt;</div>

# New CLS studies – outlook

- **Children of the 2020s Study**

... is a nationally representative birth cohort study of babies in England which has been commissioned by the Department for Education (DfE). The study will answer important scientific and policy questions regarding the family, early education, and childcare determinants of early school success.

Babies born in September-November 2021; 8,500 families invited to take part in 2022; sample drawn from HMRC Child Benefit record.

five-wave longitudinal survey of children from nine months to five years, combination of questionnaires and video/audio recordings, innovative smartphone app (BabySteps) and Teacher Tapp app.

- **Early Life Cohort Feasibility Study (ELC-FS)**

... is a two-year project starting in April 2021 which will test the feasibility of a new UK-wide birth cohort study (evaluation in 2023; if successful, new, larger main study anticipated in 2023).

- **COVID Social Mobility & Opportunities Study (COSMO)**

... is a national cohort study of more than 12,000 young people from across England, who were in Year 11 in academic year 2020-21, and will examine the short-, medium-, and long-term impacts of the COVID-19 pandemic on educational inequality and social mobility.

-> First data now available via the UK Data Service: “COVID Social Mobility and Opportunities Study: Wave 1, 2021-2022”.

[\(UK Data Service › Study\)](#)

# The UK Household Longitudinal Study



- started in 2009: UKHLS or 'Understanding Society' ; First data: 2010.
- study of the socio-economic circumstances and attitudes of 100,000 individuals in 40,000 British households.
- UKLHS replaces and incorporates the BHPS (1991-2009 , 5500 hh's), retaining the latter's longevity whilst adding:
  - to the sample size.
  - to the scope of the study (new components: innovation panel, greater detail on ethnic minority groups, qualitative and biomedical data collections).
- coverage includes:
  - current employment and earnings; employment status; parenting and childcare arrangements; family networks; benefit payments; political party identification; household finances; environmental behaviours; consents to administrative data linkage (health and education).



# Understanding Society – health assessment

## Nurse health assessment

In Wave 2 and Wave 3, adult participants received a follow-up [health assessment](#) visit from registered nurses who collected a range of bio-medical measures from around 20,000 adults.

The assessments included:

- blood pressure
- weight
- height
- waist
- body fat
- grip strength
- lung function
- blood samples.

Data: SN 7251  
“Understanding Society:  
Waves 2-3 Nurse Health  
Assessment, 2010-2012”

Webinar

### An Introduction to Survey Data on Biomarkers

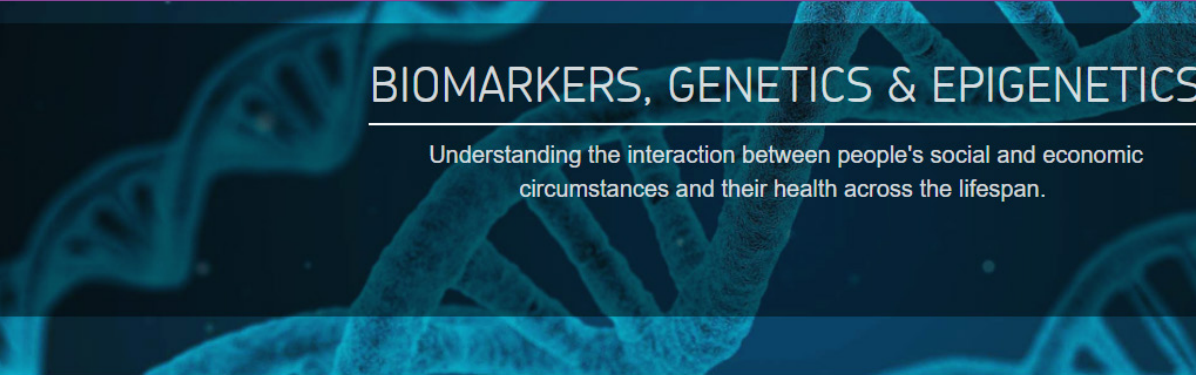


[Webinar: Introduction to Biomarker data  
- YouTube](#)

# Biomarker in Understanding Society

Table 2 Biomarkers available in *Understanding Society*

Biomarker	Applications
Cholesterol (total and HDL)& triglycerides	'Fat in the blood' associated heart disease
Glucose intolerance: Glycated haemoglobin - HbA1c	Undiagnosed or poorly managed diabetes
Inflammatory markers - C-reactive protein (CRP), fibrinogen	Measures of inflammation – due injury or infection – acute or chronic – response to stress
- Cytomegalovirus (CMV) seropositivity	Immunosenescence - wear & tear on immune system, chronic stress, associated diabetes
Anaemia – haemoglobin (Hb), ferritin	Marker for poor nutrition; increases with age, sig. health consequences
Liver function tests (LFTs) - Alkaline phosphatase (ALP), Alanine transaminase (ALT), Aspartate transaminase (AST), Gamma glutamyl transferase (GGT), albumin	Associated alcohol, drugs, obesity, consequence of other diseases
Kidney function – creatinine, urea	Kidney diseases increases with age, associated other diseases
Hormones	Associated with stress processes, building muscles, ageing
Testosterone	Marker aggression
Insulin-like growth factor 1 (IGF-1)	Growth & development - associated diet, diabetes and cancer
Dihydroepiandrosterone sulphate (DHEAs)	Associated CVD, muscle strength, cognition



## BIOMARKERS, GENETICS & EPIGENETICS

Understanding the interaction between people's social and economic circumstances and their health across the lifespan.

Home > Topics

“ Understanding Society brings together the biology and the social science. It allows us to more precisely measure health and illness, whether focussing on specific conditions, undiagnosed illness, the effectiveness of treatment, or the risk factors for ill health.

[Biomarkers, Genetics & Epigenetics | Understanding Society](#)

# UKHLS – data linkage

Data linkage - the process of linking together two or more streams of data - opens up new research opportunities. In the case of Understanding Society, it allows researchers to make use of additional information that the survey does not collect in the annual interviews.

3 types of data linkage:

- geographical identifiers  
(range from individual countries within the UK to Local Authority Districts, Super Output Areas down to grid references).
- administrative data linkage  
(datasets, which will be linked to Understanding Society, cover areas of: education, health, economic circumstances, transport).
- organisations  
(identifiers of the schools that children attend or recently attended).

# Understanding Society and Harmonised BHPS

SN 6614

Understanding Society: Waves 1-12, 2009-2021 and Harmonised BHPS: Waves 1-18, 1991-2009.

SN 6676

Understanding Society: Waves 1-12, 2009-2021 and Harmonised BHPS: Waves 1-18, 1991-2009, Secure Access.

Understanding Society data containing:

- the latest wave
- updated files from previous waves
- all 18 waves of BHPS repurposed to be used alongside Understanding Society data.

# Understanding Society: COVID-19 Study

## SN 8644 - Understanding Society: COVID-19 Study, 2020-2021

The *Understanding Society COVID-19 Study, 2020-2021* is a regular survey of households in the UK. The aim of the study is to enable research on the socio-economic and health consequences of the COVID-19 pandemic, in the short and long term.

The surveys started in April 2020 and took place monthly until July 2020.

From September 2020 they took place every other month until March 2021 and the final wave was fielded in September 2021.

They complement the annual interviews of the *Understanding Society* study. The data can be linked to data on the same individuals from previous waves of the annual interviews ([SN 6614](#)) using the personal identifier pidp. However, the most recent pre-pandemic (2019) annual interviews for all respondents who have taken part in the COVID-19 Study are included as part of this data release.

## MAIN TOPICS

The survey contains information about mental and physical health, health behaviours, caring, housing, employment, job search, income, education, family relationships, return to school and children's strength and difficulties questionnaire, young adults' future intentions. The survey also includes data on COVID-19 antibodies analysed from blood samples.

# English Longitudinal Study of Ageing

- collects data from a representative sample (~10 000) of the population aged 50+ in England on a range of indicators
  - health
  - economic circumstances
  - well-being
  - social participation.
- 10 waves of data collection have been conducted so far between 1998-2019.





# English Longitudinal Study of Ageing (ELSA): Waves 0-9, 1998-2019

- ELSA - is a longitudinal survey of ageing and quality of life among older people that explores the dynamic relationships between health and functioning, social networks and participation, and economic position as people plan for, move into and progress beyond retirement.
- 1 in 3 people in England are now over 50, which means it's really important to understand what life is like for England's ageing population.
- ELSA helps the government plan health care services and pensions systems to best meet the needs of this growing population.

# The main objectives of ELSA are to:

- Construct waves of accessible and well-documented panel data;
- Provide these data in a convenient and timely fashion to the scientific and policy research community;
- Describe health trajectories, disability and healthy life expectancy in a representative sample of the English population aged 50 and over;
- Examine the relationship between economic position and health;
- Investigate the determinants of economic position in older age;
- Describe the timing of retirement and post-retirement labour market activity; and
- Understand the relationships between social support, household structure and the transfer of assets.

# Wave 3 Life History Essays (ELSA)

A set of 558 transcripts of short essays collected from respondents to the Wave 3 Life History Interview are provided in RTF format, in a separate download zip file. The essays were written in response to section 3 of the Life History self-completion questionnaire.

"Thinking back over your life, with its wide variety of enjoyable as well as difficult experiences, please write about three aspects of your life that have been especially important to you, and how they affected you."

# ELSA COVID-19 Study, Waves 1-2, 2020

Topics covered in the ELSA COVID-19 study include:

- Demographics
- Mental health
- Financial security
- Covid-19-related health
- Employment and work
- Financial situation
- Volunteering and care
- Physical health and health behaviours
- Social connection isolation and technological inclusion
- Income, pensions and retirement

[beta.ukdataservice.ac.uk/datacatalogue/studies/study?id=8688](https://beta.ukdataservice.ac.uk/datacatalogue/studies/study?id=8688)

# Gateway to Global Ageing Data

GATEWAY TO GLOBAL AGING DATA

Welcome | Please Register or Login

**Surveys** at a Glance | **Concordance** across surveys | **Documentation** and presentations | **Graphs** and Tables | **Publications** based on surveys | **Download** Data and Links | **Help**

## Surveys at a Glance

Search all surveys by keyword > | Search harmonized data by sub-topics >

STUDY OVERVIEW | **CORE INTERVIEW** | SELF-COMPLETION | LIFE HISTORY | HEALTH ASSESSMENT | EXIT INTERVIEW

	HRS	MHAS	ELSA	SHARE	CRELES	KLoSA	JSTAR	TILDA	CHARLS	LASI
	United States	Mexico	England	20+ European Countries and Israel	Costa Rica	Korea	Japan	Ireland		
1992-93	HRS W1 AHEAD 1993 W1									
1994-95	HRS W2 AHEAD 1995 W2									
1996-97	HRS W3									
1998-99	HRS W4									
2000-01	HRS W5	MHAS W1								
2002-03	HRS W6	MHAS W2	ELSA W1							
2004-05	HRS W7		ELSA W2	SHARE W1	CRELES W1					
2006-07	HRS W8		ELSA W3	SHARE W2	CRELES W2	KLoSA W1	JSTAR W1			
2008-09	HRS W9		ELSA W4		CRELES W3	KLoSA W2	JSTAR W2			
2010-11	HRS W10		ELSA W5	SHARE W4	CRELES W4	KLoSA W3	JSTAR W3	TILDA W1	CHARLS W1	
2012-13	HRS W11	MHAS W3	ELSA W6	SHARE W5	CRELES W5	KLoSA W4	JSTAR W4	TILDA W2	CHARLS W2	
2014-15	HRS W12									

**Gateway to Global Aging Data  
Advanced Workshop**

**Beate Lichtwardt** – Accessing ELSA data via the UK Data Service  
UK Data Service  
University of Essex  
United Kingdom

**Drystan Phillips** – Cross-country analysis using Harmonised ELSA and RAND HRS data  
Gateway to Global Aging Data  
Center for Economic and Social Research  
University of Southern California  
United States of America

Webinar, 20 October 2016

UK Data Service

0:04 / 46:26

Webinar: Gateway to Global Aging Data

[Webinar: Gateway to Global Aging Data - YouTube](#)

[Gateway to Global Aging Data | Surveys at a Glance  
\(g2aging.org\)](https://g2aging.org)


# CLOSER

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**We are the interdisciplinary partnership of leading social and biomedical longitudinal population studies, the UK Data Service and The British Library.**

News

28 November 2022




**Pioneers in data discoverability – taking it to the next level**

This week the CLOSER Discovery team will be in Paris talking all things data and discoverability at the 14th Annual European Data Documentation Initiative (EDDI) User conference.

[Read more](#) >

Blog

23 November 2022



**Empowering social and biomedical researchers with a new tool**

In the latest of our standardised scales project blog series, Le Phuong Mai Pham reflects on her internship with the CLOSER Discovery team and her work to help facilitate comparative longitudinal research.

[Read more](#) >

## Areas of work:

- Data discoverability
- Policy and Dialogue
- Training and capacity building
- Data innovations

# Harmonised Longitudinal Data – CLOSER @ UKDS

[Find data](#)[Deposit data](#)[Learning hub](#)[Training and events](#)[About](#)[News](#)[Impact](#)[Help](#)[Contact](#)

[Home](#) > [Data catalogue](#) > [Series](#) > [Series](#)

## CLOSER

[Abstract](#)[FAQ's](#)[Resources](#)[Access data](#)

### Access data

**GN 33529**  
CLOSER Training Datasets

▼

**GN 33530**  
CLOSER Work Package 1: Harmonised Height, Weight and BMI in Five Longitudinal Cohort Studies

▼

**GN 33536**  
CLOSER Work Package 2: Harmonised Socio-Economic Measures in Four Longitudinal Cohort Studies

▼

**GN 33556**  
CLOSER Work Package 9: Harmonised Childhood Environment and Adult Wellbeing Measures in Three Longitudinal Cohort Studies

▼

**GN 33572**  
CLOSER Work Package 20: Harmonised Mental Health Measures at Age 10/11 in Selected British Cohorts

▼

Studies

Series

beta.ukdataservice.ac.uk/datacatalogue/series/series?id=2000111

Copy series link



# Growing Up in Scotland (GUS)

following several cohorts (child cohort 2002-03, birth cohorts for 2004-2005 and 2010-2011) of Scottish children from the early years, through childhood and beyond

- health
- neighbourhood
- development
- education
- leisure
- friendships
- consent from parents to link data collected from them and their children to administrative data held by health and education authorities.



# Growing Up in Scotland (GUS)...cont

While the main aim of the study is to provide information to support policymaking, it is also intended to be a broader resource that can be drawn on by academics, voluntary sector organisations and other interested parties.



## Fields of work

- Cognitive, social, emotional and behavioural development.
- Physical and mental health and wellbeing.
- Childcare, education and employment.
- Home, parenting, family, community and social networks.
- Involvement in offending and risky behaviour.



# GUS

The diagram below shows the sources of information for GUS. Consent is collected from parents to link to health and school records.

10mths	Age 2	Age 3	Age 4	Age 5	Age 6	Age 8	Age 10 P6	Age 12 S1	Age 14 S3
BC1 & BC2	BC1	CC, BC1, BC2	CC & BC1	CC, BC1, BC2	CC, BC1	BC1	BC1	BC1	BC1
Main carer	Main carer	Main carer	Main carer	Main carer	Main carer	Main carer	Main carer	Main carer	Main carer
	Partner						Teacher	Partner	Partner
						Child	Child	Child	Young Person
	Ch. height & weight		Ch. height & weight		C & Ms ht & weight	Ch. height & weight	Ch. height & weight	Ch. height & weight	Ch. height & weight
		Cognitive assessments		Cognitive assessments			Cognitive assessments	Cognitive assessments	Cognitive assessments
Health records	Health records	Health records	Health records	Health records	Health records	Health records	Health records	Health records	Health records
		Pre-School details	Pre-School details	School records	School records	School records	School records	School records	School records

[What data we collect \(growingupinscotland.org.uk\)](http://growingupinscotland.org.uk)

# Growing up in Scotland impact poster

## The numbers

### Inputs

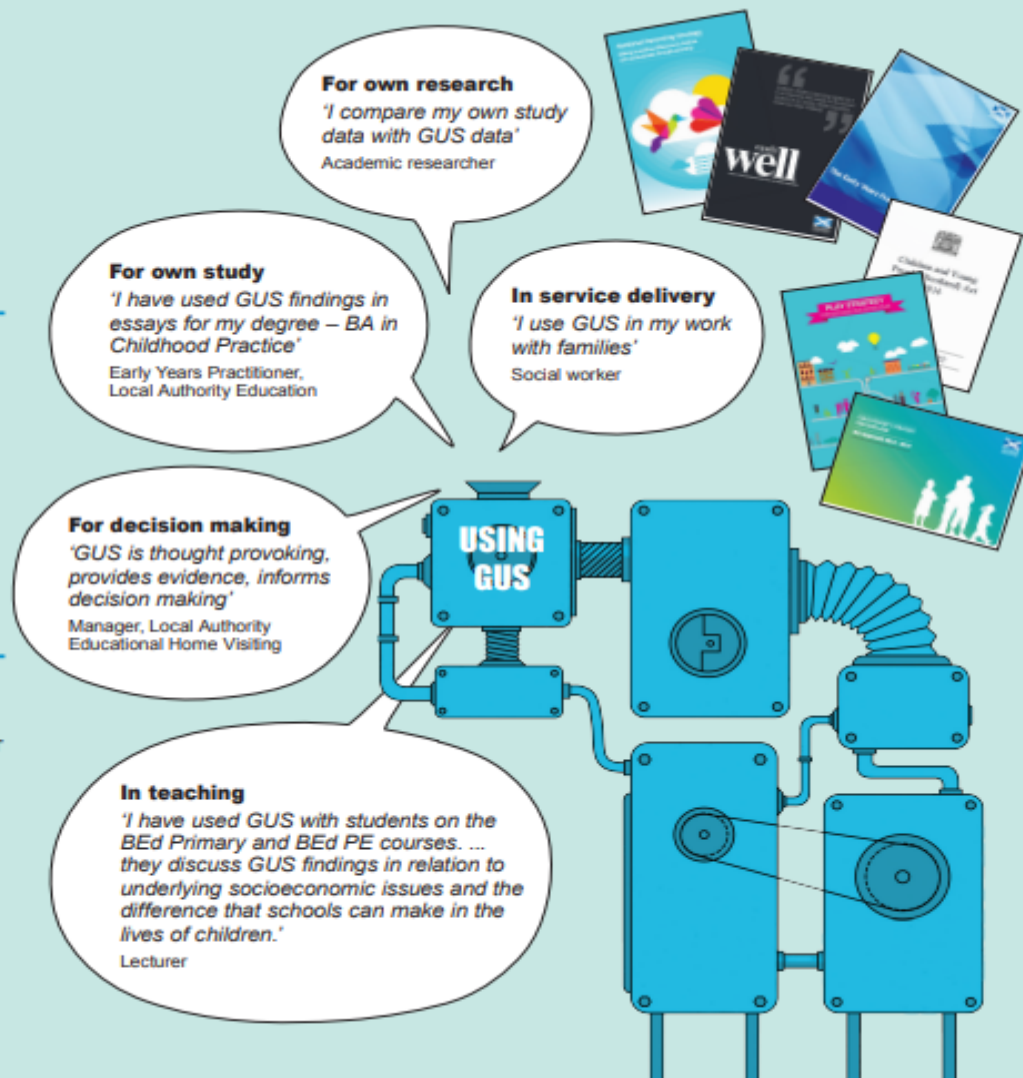
- Over 14,000 families have taken part in GUS
- A team of over 70 interviewers work right across Scotland
- Over 50,000 interviews have taken place over the last 10 years

### Outputs

- 28 research reports published by the Scottish Government
- A wide range of articles, blogs and briefings aimed at different audiences and groups of professionals
- 6 years of data deposited with the UK Data Service with more to follow soon
- 20 academic articles using GUS data published in peer reviewed journals

### Stakeholder engagement

- Over 2,000 people signed up to receive regular information about the study
- Over 8,000 visitors per year to the study website
- Over 2,500 followers on Twitter
- Over 1,000 people have attended one of our dissemination events
- 266 people have downloaded GUS data
- 245 people have attended a GUS data workshop, providing training and support in using GUS data



## Impact

### Policy

Research findings from GUS have:

- Contributed to the development of Scottish Government policies and strategies
- Been referenced by politicians in Parliamentary debates
- Been used by various organisations giving evidence to Scottish Parliament Committees
- Been used by Local Authorities to inform strategic development
- Been used by voluntary sector organisations to inform policy development

### Practice

- Used in discussions with nursery staff and with parents.
- Used to inform the targeting of support
- Used in funding applications
- Used as national benchmark against which to compare local outcomes
- Used as an evidence base for local improvement work

### Training

- Used in HNC, HND, Degree and Postgraduate programmes for early years practitioners, midwives, nurses and primary school teachers
- Used extensively by professionals undertaking the BA in Childhood Practice
- Used locally for in-service training days and continuing professional development sessions
- Used in the development of course materials
- Used as a resource for teaching quantitative methods

# Understanding Society

Understanding Society data underpins child vaccine guidance

Chief Medical Officers refer to research on school closures and children's difficulties in guidance to Health Secretary



TOPICS ▾ DATA & DOCUMENTATION ▾ RESEARCH ▾ PARTICIPANTS ABOUT US ▾ HELP & SUPPORT ▾

Home > Research

## The impact of Understanding Society

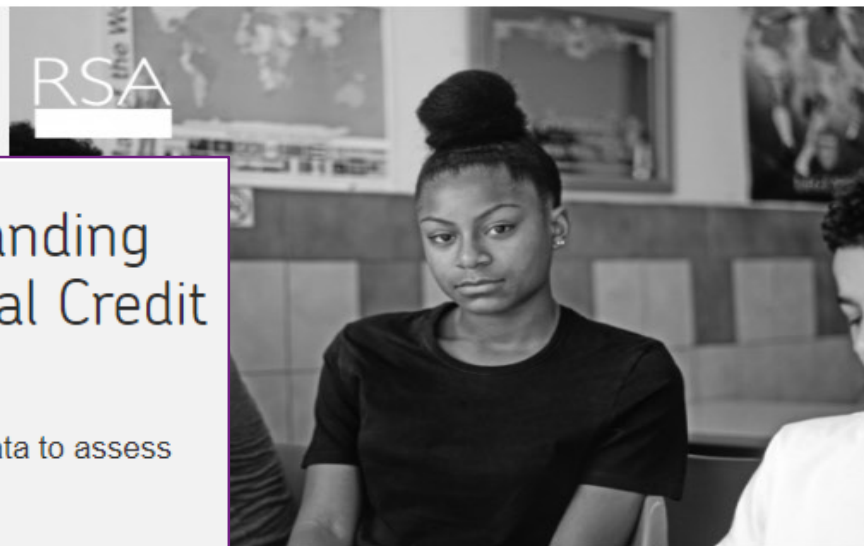
How our data makes a difference for organisations from charities to government.

Understanding Society data shows impact of financial security on mental health

New report on universal credit

Think tank uses Understanding Society to assess Universal Credit in the pandemic

Independent think tank Bright Blue used our data to assess claimants' financial difficulties



Biomarkers, genetics and epigenetics	3
Covid 19	13
Education	8
Employment	13
Ethnicity and immigration	2
Family and households	16
Health and wellbeing	16
Income and expenditure	17
Money and Finances	7
Politics and social attitudes	5
Social mobility	7



# Informing policy

## Poor reading 'could cost UK £32bn in growth by 2025'

Campaign links literacy failings with joblessness, as authors, charities and CBI unite to improve reading standards



! A report has found that England is one of the most unequal countries for children's reading levels, second in the EU only to Romania. Photograph: DCPhoto /Alamy

The fear that 1.5 million British children will reach the age of 11 unable to "read well" by 2025 has prompted the launch on Monday of a new campaign backed by a coalition of businesses, charities, bestselling authors and teaching professionals.



MCS continues to inform Read On. Get On. campaign  
The Ready to Read report, which uses findings from the Millennium Cohort Study,

## Read On. Get On.



Read On. Get On. is a campaign to get all children reading well in England by the age of 11. It was launched in 2014 by a coalition of charities and education organisations committed to improving reading levels in the UK. A fifth of all children in England, and close to a third of disadvantaged children, are unable to read well when they leave primary school. This prevents them from achieving their potential in secondary school, and beyond, and creates obstacles to a fairer society.

[Read On. Get On. | National Literacy Trust](#)

# Informing Policy - Millennium Cohort Study (MCS)

Home | News, events and publications | Impact case studies  
| Adolescent mental health: improving young people's lives using evidence from national cohort data

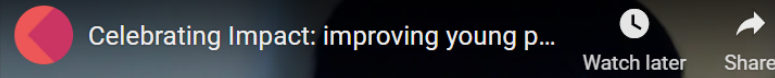
## News, events and publications

- News
- Events
- Publications
- Impact case studies
- Evidence briefings

## Adolescent mental health: improving young people's lives using evidence from national cohort data

February 2021

An estimated 16% of all 14-year-olds in the UK in 2015 suffered from mental ill-health. Research which identified the scale of mental ill-health among the UK's adolescents, and studied its drivers, has focused national attention on the problem, prompting new government policy and strategies for improving young people's mental health.



## Prevalence of depression at age 14



Infographic showing proportion of 14-year-olds reporting high levels of depressive symptoms

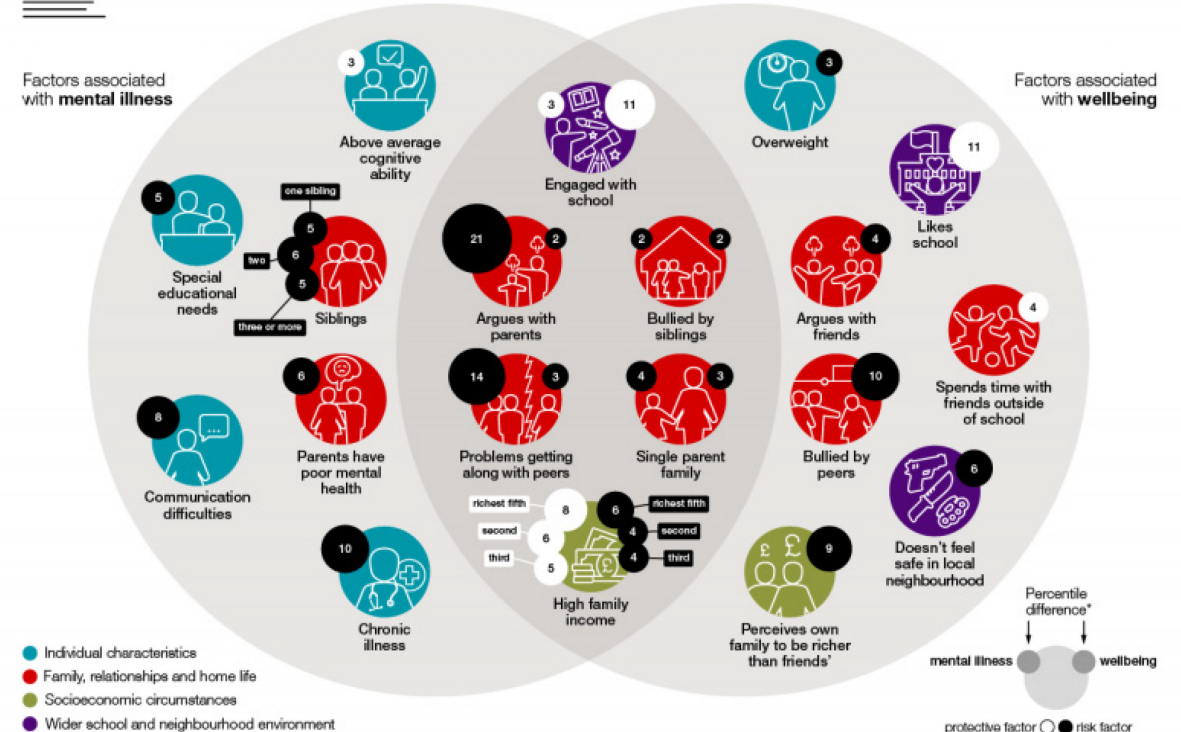
CENTRE FOR  
LONGITUDINAL  
STUDIES

## Children's mental illness and wellbeing at age 11

Findings from the Millennium Cohort Study

Factors associated with mental illness

Factors associated with wellbeing



Hosted by



Funded by



All factors included in the infographic are statistically significant at (at least) the 5% level. • Findings from Patalay, P. and Fitzsimons, E. (2016) Correlates of mental illness and wellbeing in children: are they the same? *Journal of the American Academy of Child and Adolescent Psychiatry* 55(9), pp. 771-783.

\*Percentile difference\* is the change in rank position between 1 and 100 away from the median or reference category.

[Improving adolescent mental wellbeing using national cohort data – UKRI](#)



# Informing Policy - 1970 British Cohort Study (BCS)

Home | News, events and publications | Impact case studies | Reading for pleasure boosts cognitive development

News, events and publications

- News
- Events
- Publications
- Impact case studies
- Evidence briefings

## Reading for pleasure boosts cognitive development

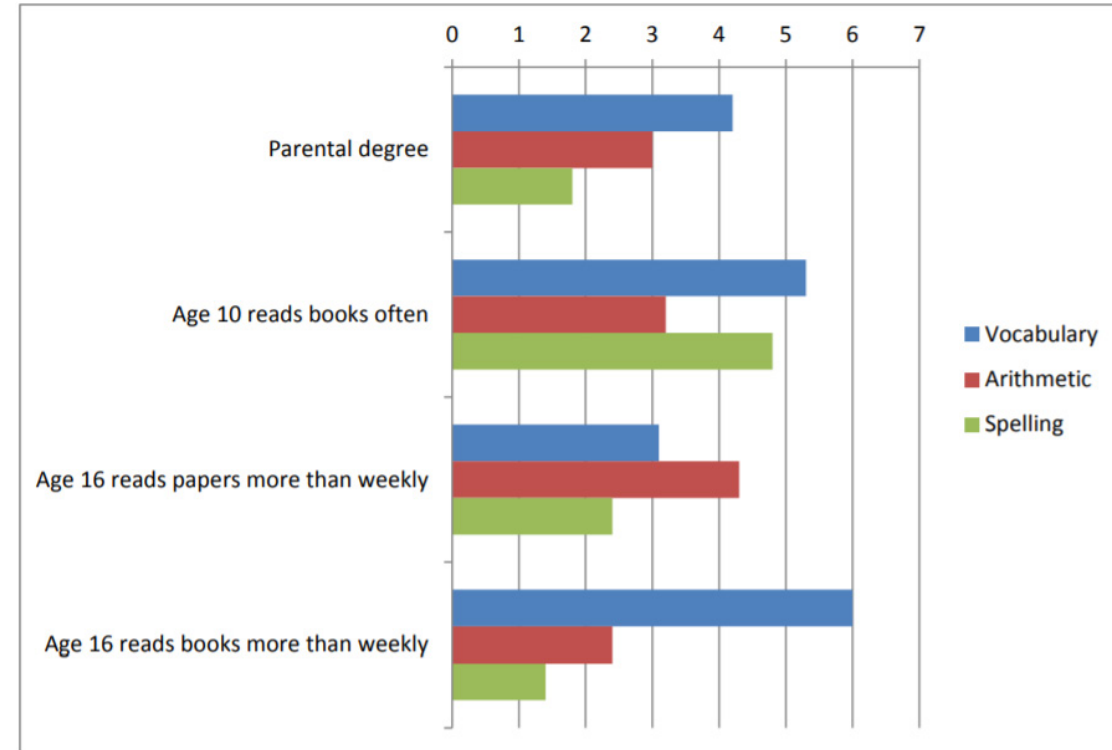
February 2021

**Research shows reading for pleasure helps children perform significantly better in maths as well as English. This has directly influenced national and international policymakers, literacy organisations and schools to generate, fund and implement reading for pleasure campaigns and initiatives that have benefited the learning of millions of children worldwide.**



Celebrating Impact: Reading for pleasure...

Watch later Share



**Figure 1:** Percentage point differences in progress between age 10 and 16 in vocabulary, arithmetic and spelling

## THE CONVERSATION

Academic rigour, journalistic flair

COVID-19 Arts + Culture Business + Economy Cities Education Environment + Energy Health + Medicine Politics

# Your vocabulary aged 40 depends on how much you read as a teenager

November 6, 2014 11.38am GMT

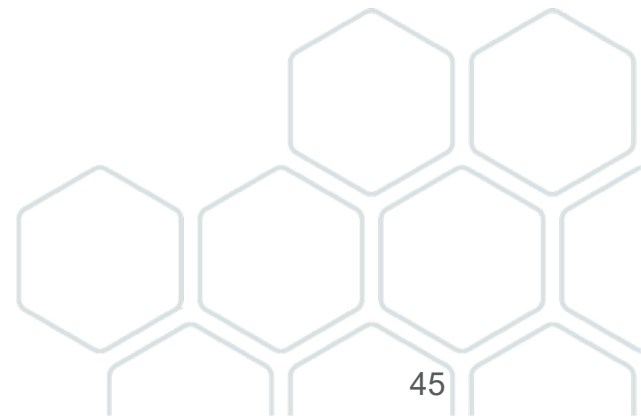
[BCS70 | Reading for pleasure](#)

[Your vocabulary aged 40 depends on how much you read as a teenager \(theconversation.com\)](#)

# Finding longitudinal data

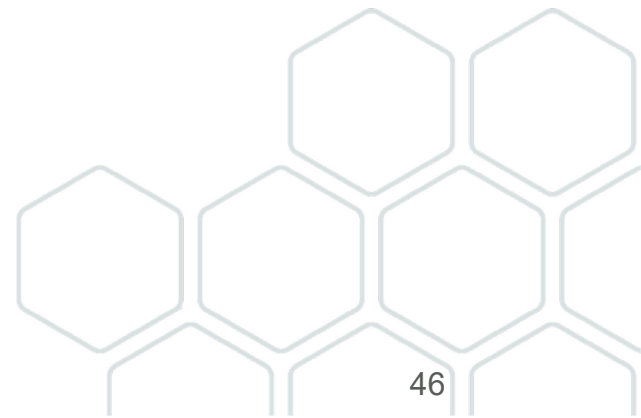
# Search 1 – Data Catalogue

## (Live Demo)



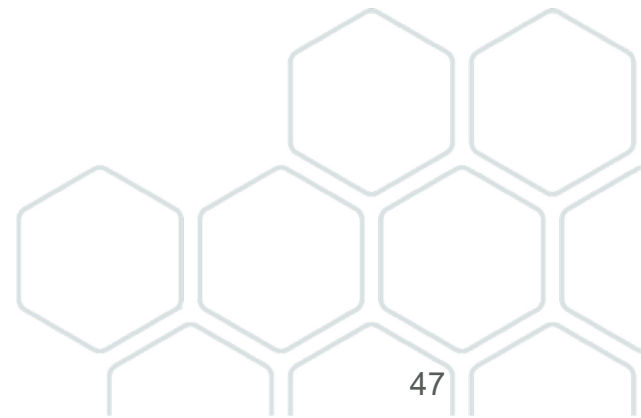
# Search 2 – ‘Find Data’

## (Live Demo)



# Search 3 – Variable and Question Bank

(Live Demo)



# Data Access

# Who can access the data?

## **All registered users**

However, which data can be accessed and the particular access conditions vary according to:

- user type  
(UK HE/FE, Non HE/FE, Non UK)
- usage/project characteristics  
(Commercial, non-commercial)
- specific data access conditions attached to chosen data  
(EUL, SC, SL (AR), Secure Lab data access, Safe Room access)



# Data Access

- Web access to data and metadata.
- Data are freely available for use in higher education institutions.
- Data supplied in a variety of formats:
  - statistical package formats (e.g. SPSS, STATA) .
  - databases and spreadsheets.
  - word processed documents, PDF documents etc.

# Accessing data – step by step

- **Register** with us via UK Federation using your university/UKDA username and password.
- Agree to an End User Licence (EUL).
- Select the desired data from the Data Catalogue by clicking on the 'Download/Order' button..
- Specify a project for which the data is to be used (minimum: 30-word description).
- Then:
  - **download the data** to local machine selecting your preferred format (SPSS, STATA, TAB etc.)
  - or*
  - **place an order** for the data and complete all relevant forms.

# Help - How to download and order data

[Home](#) > [Help](#) > [How to download and order your data](#)

## How to download and order your data

in [How to get data and access information](#)

### Instructions on how to download and order data

1. Locate the study you require using the [Data Catalogue](#). To check the access conditions for the selected study click the 'Access' tab.
2. Select 'Add to account' to add the study to your account\*. If you are not yet registered with the UK Data Service, you will be prompted to do this at this stage. Further information can be found on our [FAQs on registration and login](#) page.
3. To review the studies you have added to your account, click the 'My account' link at the top of the screen. Your account will show the datasets that are waiting to be added to a project.
4. Select the datasets that you wish to add to a project. You can add these to an existing project or create a new one.
5. There are three ways to classify the way our data is used: non-commercial for research projects or student dissertations; commercial for projects where the main purpose is to generate an income; and teaching for use within a classroom setting. Find further information in [How can I use UK Data Service data for my project?](#)
6. When creating a new project, enter a title and abstract providing as much detail as possible to describe your intended use of the data. Please note: this information may be shared with the data owners.
7. When your datasets have been added to your project, their status will either be 'Active' or 'Request access'. If 'Active', use the 'Action' button to download the data. If 'Request access', click this button to view further details, and then 'Complete actions' to view the actions required to gain access to this dataset.
8. Click each of the action steps in turn and follow the instructions, e.g. accept any special conditions that are displayed, or download and complete the forms that are required.
9. When all steps are complete, the status will be 'Active' and you can follow the 'Action' button to download the data.
10. Select the download format required and the download will begin.

**\*Please note:** If the study you require has a study number beginning '85', please refer to our page on [How to access ReShare data](#).

### Further help

[ukdataservice.ac.uk/help/access-policy/how-to-download-and-order-your-data/](https://ukdataservice.ac.uk/help/access-policy/how-to-download-and-order-your-data/)

# Data access conditions

- Open Licence.
- End User Licence (EUL).
- Special Conditions (SC).
- Special Licence (SL).  
Approved Researcher Status.
- Secure Lab Data Access (remote).
- Secure Lab Data Safe Room Access (on-site).

# Our data collections by access level

Data access conditions	Access level
Open Licence	Open
End User Licence (EUL) [Authentication]	Safeguarded
Special Conditions (SC) [Authentication]	
Special Licence (SL) [Authentication, Accredited Researcher Status]	
SecureLab Data Access (remote) [Authentication, Accredited Researcher Status, Training + Test]	Controlled
SecureLab Data Safe Room Access (on-site) [Authentication, Accredited Researcher Status, Training + Test]	

The Government Statistical Service Policy for the release of social survey microdata ensures compliance with the

- Code of Practice for Official Statistics (CoP),
- Statistics and Registration Service Act (SRSA), 2007.

[Policy for social survey microdata](#)  
[- Office for National Statistics](#)  
[\(ons.gov.uk\)](https://ons.gov.uk)



# End User Licence

“Every user is required to agree to an End User Licence outlining the terms and conditions of use of the data. This includes, for example,

- not to share data with anyone who is not authorised to access them;
- not to use the data for commercial purposes, except with permission;
- not to try to use the data to identify individuals, households or organisations;
- to cite the data correctly and inform the UK Data Archive/UK Data Service of any publications;
- not to disclose your login details to anyone else;
- agreeing to meet any charges...”

# SecureLab Data Access (Controlled Data)

- **SecureLab data are not downloadable, access remotely** from organisational desktop (or UKDA Safe Room).
- Access requires accreditation as an Approved Researcher, completion of face-to-face training, and agreement to the Service's User Agreement and Breaches Penalties Policy.
- Applications are screened by the UK Data Archive and the individual or institution having ownership of the data (or their designated authority), and access is only granted to those researchers requiring data for statistical research purposes and who can justify their need for the data.
- Access via web-based interface that uses secure encrypted Citrix Virtual Private Network technology.
- Outputs subject to Statistical Disclosure Control (SDC) .

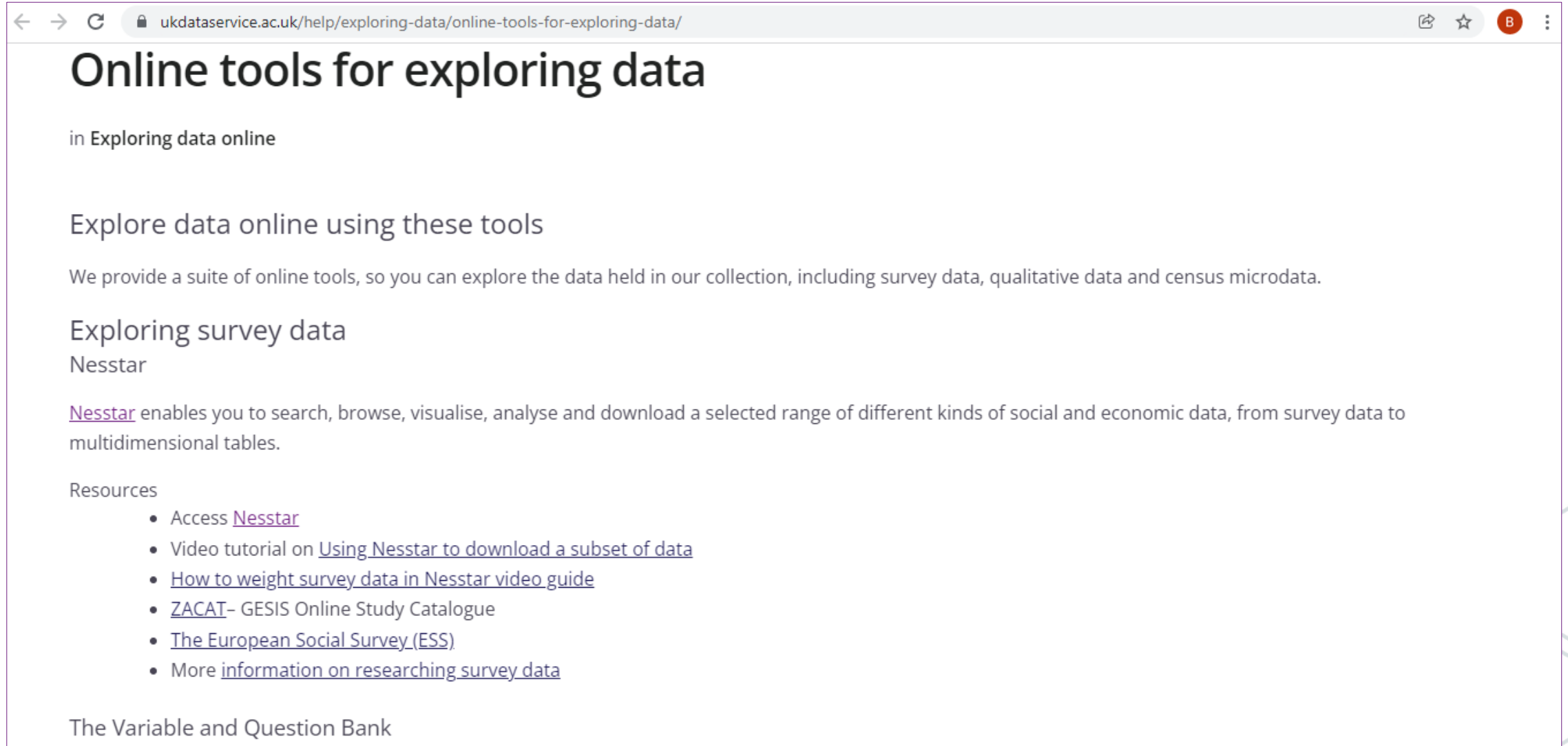


# Exploring data online

# Online Analysis with Nesstar

- Online data browsing and analysis system.
- Allows users to search for, locate, browse and analyse and download a wide variety of statistical data within a web browser.
- UK Data Archive, as service provider for the UK Data Service, hosts a Nesstar server populated by its most popular data series.
- Registration is required for analysis such as cross tabulations and regressions.

# Online Analysis with Nesstar...cont



The screenshot shows a web browser window with the address bar displaying 'ukdataservice.ac.uk/help/exploring-data/online-tools-for-exploring-data/'. The page title is 'Online tools for exploring data'. Below the title, it says 'in Exploring data online'. The main heading is 'Explore data online using these tools'. A paragraph follows: '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.' The next section is 'Exploring survey data' with the subheading 'Nesstar'. A paragraph states: 'Nesstar 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.' Below this is a 'Resources' section with a bulleted list of links. The final line at the bottom of the page is 'The Variable and Question Bank'.

ukdataservice.ac.uk/help/exploring-data/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

[Nesstar](#) 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](#)

The Variable and Question Bank

# ESDS Nesstar Catalogue

DESCRIPTION

TABULATION

ANALYSIS

Dataset: Millennium Cohort Study: Fourth Survey, 2008

S4 MAIN Feels about parent...

S4 MAIN Feels about parent...

S4 MAIN Person Sex

S4 MAIN Person Sex

S4 MAIN Person Sex	Male	Female	Total
S4 MAIN Feels about parenting skills			
Not very good at being a parent	0.0	0.4	0.4
A person who has trouble being a parent	4.1	3.2	3.2
An average parent	20.9	34.1	33.7
A better than average parent	30.6	27.3	27.4
A very good parent	41.5	34.3	34.5
Can't say	2.9	0.6	0.7
Total	100.0	100.0	100.0
N=	363.8	12,933.8	13,297.6

Weight is on

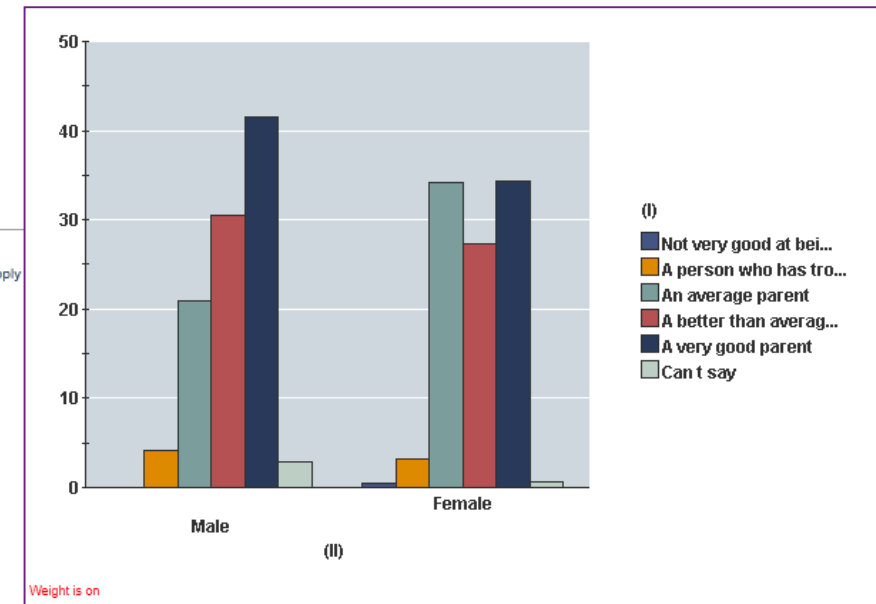
Copyright University of London. Centre for Longitudinal Studies

In general, frequencies and tables should be weighted before quoting percentages from them. To apply the data.

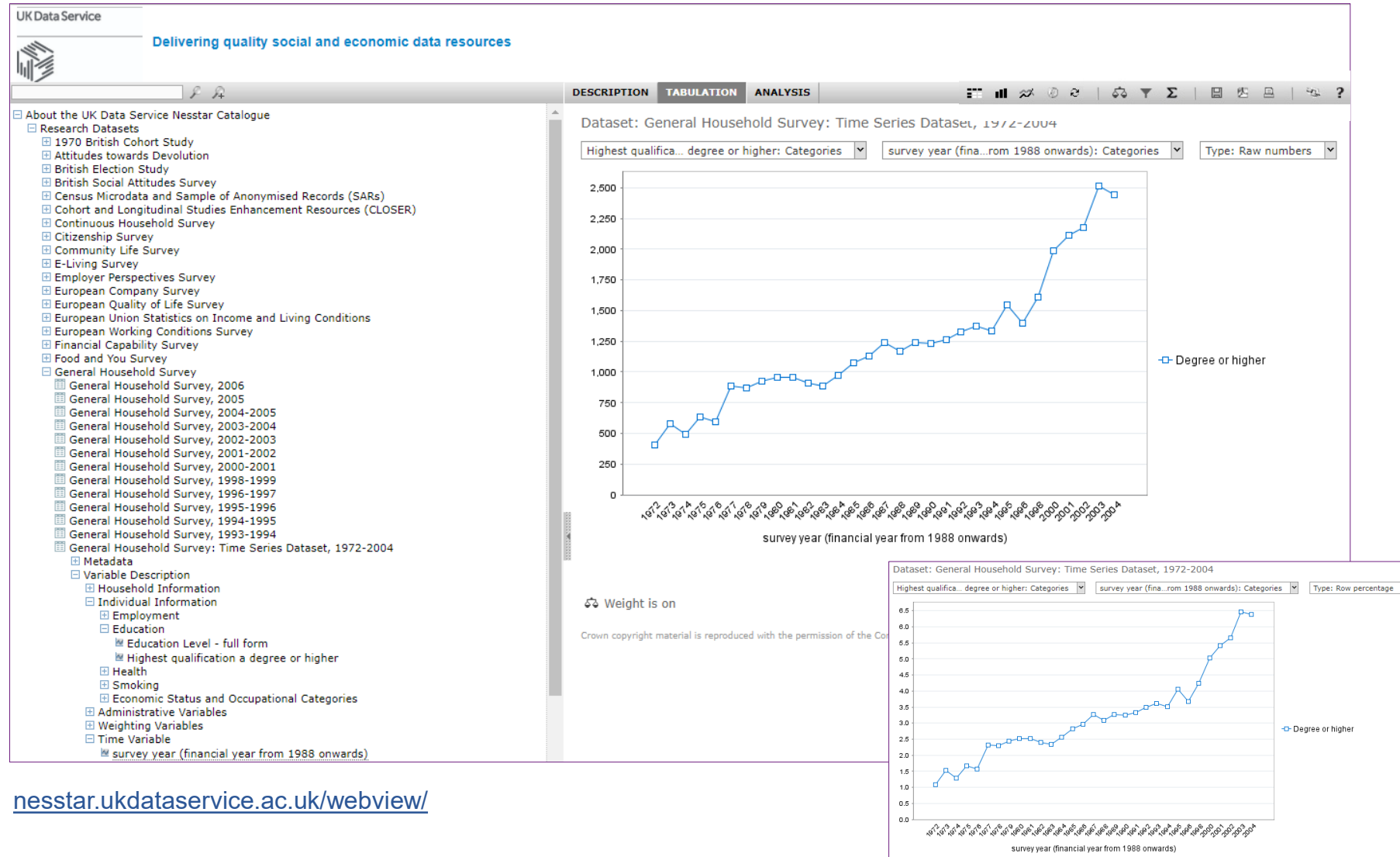
S4 MAIN Feels about parenting skills	Male (%)	Female (%)	Total (%)
Not very good at being a parent	0.0	0.4	0.4
A person who has trouble being a parent	4.1	3.2	3.2
An average parent	20.9	34.1	33.7
A better than average parent	30.6	27.3	27.4
A very good parent	41.5	34.3	34.5
Can't say	2.9	0.6	0.7

Weight is on

- Partner
- Situations
- Module ES: Early Education, Schooling and Childcare
- Module AB: Child and Family Activities and Child's Behaviour
- Module CH: Child Health
- Module PH: Parent's Health
- Module EI: Employment, Income and Education
- Module HA: Housing and Local Area
- Module OM: Other Matters
- Module SC: Self-Completion
  - Child's Behaviour
  - Parenting
  - Self-Completion
  - Sibling Question
  - Parenting Attitudes
  - Other Children
  - Attitudes
- Module PX: Proxy Partner
  - Background/Ethnicity
  - Partner's Parents
  - Partner's Health
  - Partner's Employment
  - Partner's Education
- Administrative Variables
  - MCS Research Serial Number
  - ...



# Nesstar – example (highest qualification)



# Support and resources

# Support and resources

- video tutorials/webinars
- student resources,  
data skills modules
- case studies
- guides
- themes
- advice on managing and sharing data
- teaching data and resources
- helpdesk, individual user support.

# Learning Hub

[Login](#) | [Register](#)[Find data](#)[Deposit data](#)[Learning hub](#)[Training and events](#)[About](#)[News](#)[Impact](#)[Help](#)[Contact](#)[Home](#) > [Learning hub](#)

## Learning hub

Enhance your data skills and teaching

### New to using data

Best practice and training for researchers new to accessing and using data in our collection. Includes advice and tools to correctly cite data; student-specific information on our Dissertation Award for undergraduates; and more.

### Data skills modules

There is a wealth of data available for reuse in research and reports. These free, interactive video tutorials are designed for anyone who wants to start using secondary data. They show you how to get started with finding good quality data, understanding it and starting your analyses.

### Survey data

Survey data, including data from long-running surveys, series and longitudinal studies, are a major part of social science research. Learn how to use survey and longitudinal data through training resources including videos, on-demand webinars and written guides.

### International data

### Qualitative data

### Computational social science

[Learning hub — UK Data Service](#)



# Longitudinal Data Skills Module

## ≡ Module introduction

### UNIT 1: WHAT ARE LONGITUDINAL DATA?

## ≡ What are longitudinal data?

## ≡ Finding longitudinal data

## ≡ Check your understanding

### UNIT 2: WHAT DO PEOPLE USE LONGITUDINAL DATA FOR?

## ≡ What do people use longitudinal data for?

## ≡ Use case 1: Does premature birth affect a child's long-term health or development?

## ≡ Use case 2: Using longitudinal data to explore the labour market

## ≡ Use case 3: Enjoying Life & Living Longer

## ≡ Use case 4: Parenting & contact before and after separation


## Introduction to longitudinal data

Longitudinal studies collect data about individuals, households, businesses or any other unit of observation over time so they can be used for following changes over the life course. Learn what longitudinal studies are available, key features and issues with using longitudinal data and how to start some basic analyses.

- Level: Introductory – but if you are new to surveys, we suggest you complete the surveys module first
- Time: approx. 2 hours (you can dip in and out of the materials and return as you like)
- Software: We use SPSS in the examples but you can do the examples in other statistical software. You can follow the module without having statistical software.
- Dataset: UK Household Longitudinal Study (Understanding Society) (End user licence version)
- Certificate of completion available: Yes

[Data skills module: Introduction to longitudinal data - Overview \(ukdataservice.ac.uk\)](https://ukdataservice.ac.uk)

# Case Studies

 UK Data Service

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Home > Impact > Case studies

## Case studies

[Browse all case studies >](#)



### Business and economy

How does the minimum wage impact on employment and hours? >

The complexities of using survey data to understand the influence of unions >

UK trade in goods and productivity: New findings – Office for National Statistics >

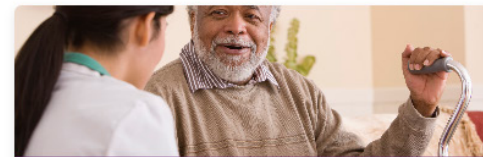
[See more](#)

### Environment and sustainability

How can the impact of domestic energy efficiency policies in the UK be maximised? >

Sick and stuck at home? Does living with health challenges influence people's energy use? >

Tracking progress on health and climate change: Creating health and climate change indicators for The Lancet Countdown >

[See more](#)

### Health and wellbeing


Effect of a Low-Intensity PSA-Based Screening Intervention on Prostate Cancer Mortality – University of Bristol >

Assessing progress in protecting non-smokers from secondhand smoke >

Mothers in harsh environments have lower breastfeeding chances in the UK's Millennium Cohort Study and the Born in Bradford study >

[See more](#)

# Browsing Case Studies

 UK Data Service

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Home > Impact > all-studies

## All case studies

Category Year Showing: 12

### In Focus: Experiences of older age in England

July 2021

**Authors:** Jeremy Bushnell, Gill Moffett, Emma Seaman, Thomas Wilson

**Institution:** Independent Age

### What do the data tell us about 'Is Britain Fairer'?

February 2021

**Authors:** Karen Hurrell

**Institution:** Equality and Human Rights Commission

### Creating new poverty measures for the UK

September 2020

**Authors:** Matt Kemp, Emma Seaman

# Teaching with data

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## Teach with real data

[Accessing and sharing data for teaching](#)[Teaching resources: qualitative data](#)[Teaching resources: quantitative data](#)[Using data in teaching](#)[Schools](#)[Teaching datasets](#)[Teaching resources: data management](#)

## Using real research data

Use real research data to bring social science learning to life. Use UK Data Service teaching datasets created to be more accessible for teaching purposes and our extensive social science teaching resources to support your teaching and learning. Most of our data collection can also be used in teaching.

Find out about [how to access and share data for teaching](#).

Learn about [teaching datasets](#).

Find ideas for [using data in teaching](#).


## Resources for dissertations

Our [dissertation resources page](#) highlights useful resources for dissertation students including guides on how to manage research data (including templates for consent) and planning a dissertation project using survey data.

Undergraduate students using data from the UK Data Service can also enter our [Dissertation Award](#).



# Longitudinal teaching datasets

 UK Data Service

Search the site... [Login](#)

[Find data](#) [Deposit data](#) [Learning hub](#) [Training and events](#) [About](#) [News](#) [Impact](#) [Help](#) [Contact](#)

## Data catalogue

[Search](#)

[Search tips](#) > [Variable and question bank](#) > [QualiBank](#) >

**STUDIES (190)** **SERIES (13)**

Date from:  Date to:   
[Refine date](#)

Topic:

Data Type:

Access:

Country:

Displaying 1 - 10 of 33 results for 'teaching dataset' Page 1 of 4

Results per page:  Sort by:

SN 5805 | [British Cohort Studies Teaching Dataset for Higher Education, 1958-2000](#)  
University of London

SN 9019 | [Understanding Society: COVID-19 Study Teaching Dataset, 2020-2021](#)  
University of Essex | University of Manchester

SN 8715 | [Understanding Society: Longitudinal Teaching Dataset, Waves 1-9, 2009-2018](#)  
University of Essex

SN 8465 | [Understanding Society: Ethnicity and Health Teaching Dataset Wave 1, 2009-2010](#)

# Help



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Home > Help

## Help

### Registration

[Registration and login FAQs >](#)

[How to register if you are not a UK academic user >](#)

[How to register if you are a UK academic user >](#)

### Advice for new users

[Data documentation >](#)

[Reasons to cite data correctly >](#)

[FAQs for new users >](#)

[Tips to search the data catalogue >](#)

### How to get data and access information

[Which categories of data are most suitable for me >](#)

[What download and data formats are available >](#)

[What data can I get? >](#)

[How to download and order your data >](#)

### SecureLab

[What is the UK Data Service SecureLab? >](#)

[Who can apply to access SecureLab? >](#)

[COVID-19: Application changes to SecureLab during the pandemic >](#)

# Longitudinal Data and Studies Help Page



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[Home](#) > [Help](#) > Longitudinal data and studies

## Longitudinal data and studies

in [Different types of data](#)

### Accessing longitudinal studies

Longitudinal studies involve repeated observations of the same subjects, allowing researchers to analyse change at the individual level.

The UK is home to several key longitudinal studies, including major panel and internationally-renowned cohort studies including those listed below.

#### 1970 British Cohort Study

The *1970 British Cohort Study* (BCS70) follows the lives of more than 17,000 people born in England, Scotland and Wales in a single week of 1970. Over the course of cohort members' lives, the BCS70 has broadened from a strictly medical focus at birth to collect information on health, physical, educational and social development, and economic circumstances among other factors.

[Access the 1970 British Cohort Study.](#)

#### British Household Panel Survey

The *British Household Panel Survey* (BHPS) was carried out by the Institute for Social and Economic Research (ISER) and followed around 10,000 households from 1991-2009 (Waves 1-18). From Wave 19, the BHPS became part of a new longitudinal study called Understanding Society.

[Access the British Household Panel Survey.](#)

#### CLOSER

The Cohort and Longitudinal Studies Enhancement Resources project, *CLOSER* aims to maximise the use, value and impact of longitudinal research. Resources available from

[Longitudinal data and studies — UK Data Service](#)



# Hands-on practical

# Search Task

Please use the data catalogue to filter all 'Cohort and Longitudinal Studies'.

1. How many results for cohort and longitudinal studies are there being displayed?
2. How many Cohort and Longitudinal studies cover the topic of 'Society and culture'?
3. How many of these are both 'Safeguarded' access datasets and cover the 'United Kingdom'?
4. What is the first result on page 1 for this search? What is the study name and number?
5. Using the data catalogue, can you find a longitudinal dataset that would be useful in your research?

# Search Task – Answers

Please use the data catalogue to filter all 'Cohort and Longitudinal Studies'.

1. How many results for cohort and longitudinal studies are there being displayed?

1116

2. How many Cohort and Longitudinal studies are under the topic of 'Society and culture'?

283

3. How many of these are both 'Safeguarded' access datasets and cover the 'United Kingdom'?

88

4. What is the first result on page 1 for this search? What is the study name and number?

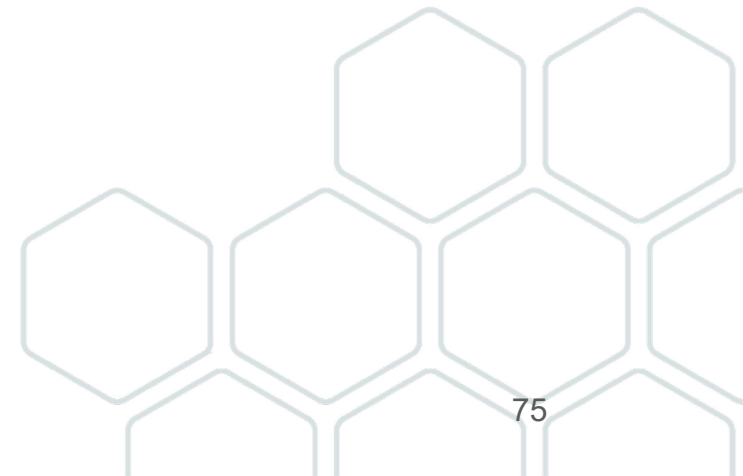
SN 6614 Understanding Society: Waves 1-12, 2009- 2021 and Harmonised BHPS: Waves 1-18, 1991 – 2009

5. Using the data catalogue, can you find a longitudinal dataset that would be useful in your research?

# Data Citation Task

1. Find the data citation for SN 6614 Understanding Society: Waves 1-12, 2009- 2021 and Harmonised BHPS: Waves 1-18, 1991 – 2009

(This can be found under the details tab)



# Data Citation Task - Answer

1. Find the data citation for SN 6614

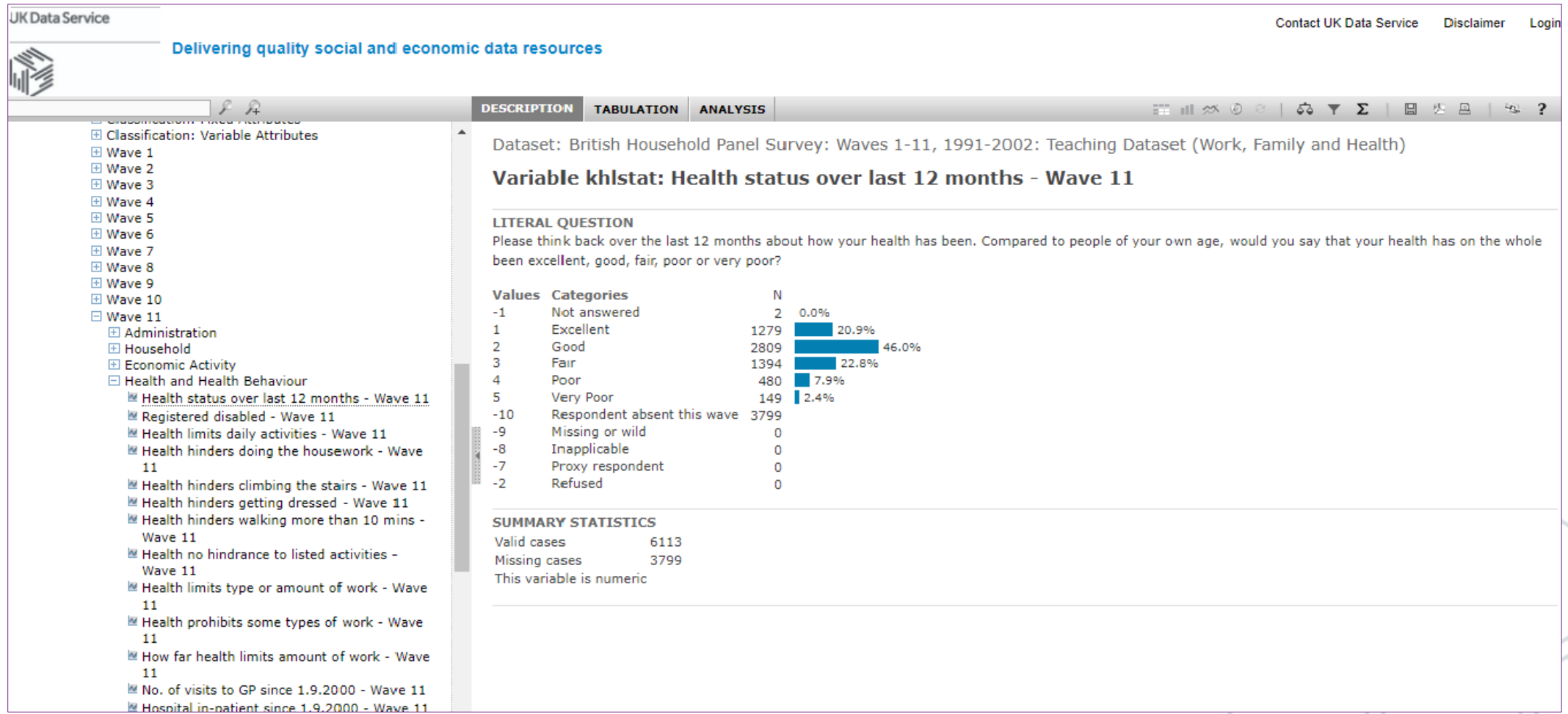
University of Essex, Institute for Social and Economic Research. (2022). *Understanding Society: Waves 1-12, 2009-2021 and Harmonised BHPS: Waves 1-18, 1991-2009*. [data collection]. 17th Edition. UK Data Service. SN: 6614, [DOI: 10.5255/UKDA-SN-6614-18](https://doi.org/10.5255/UKDA-SN-6614-18)

Demo how to find it !

# Online Analysis Task

1. Login or register with the UK Data Service (if you are not registered yet) @ [UK Data Service › Login](#) or [UK Data Service › Credentials](#)
1. Go to [Nesstar WebView \(ukdataservice.ac.uk\)](http://ukdataservice.ac.uk)
2. On the left hand side click on 'Teaching Datasets'. You will now see the list of teaching datasets available to explore online using Nesstar.
3. Select
  - 'British Household Panel Survey: Waves 1-11, 1991-2002: Teaching Dataset (Work, Family and Health)',
  - Wave 11
  - Health and Health Behaviour -> Health status over last 12 months - Wave 11 (Question 'Please think back over the last 12 months about how your health has been. Compared to people of your own age, would you say that your health has on the whole been excellent, good, fair, poor or very poor?')
4. A - What percentage of respondents reported excellent, good, fair, poor and very poor health?

# Answer - A





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Thank you.

[support@ukdataservice.ac.uk](mailto:support@ukdataservice.ac.uk)