

# Introduction to the 1958 National Child Development Study

25 January 2023

13.00 - 14.30

CENTRE FOR  
LONGITUDINAL  
STUDIES



Economic  
and Social  
Research Council

# Housekeeping

- Please keep your cameras off and mics muted at all times – recording session
- If you have a question, please use the chat function, and please note your question will be visible to all attendees
- Technical issues – please email us: [ioe.clsevents@ucl.ac.uk](mailto:ioe.clsevents@ucl.ac.uk)
- We would be grateful for your feedback. Please follow the link in the chat at the end of the event for the short survey

Thank you for joining us today

# Plan for today

- About CLS
- Overview of NCDS
- Examples of research
- Data, by theme
- Data enhancements and innovations
- Dealing with attrition
- Available resources and data access
- Outline of next sweep
- Q&A to the panel\*

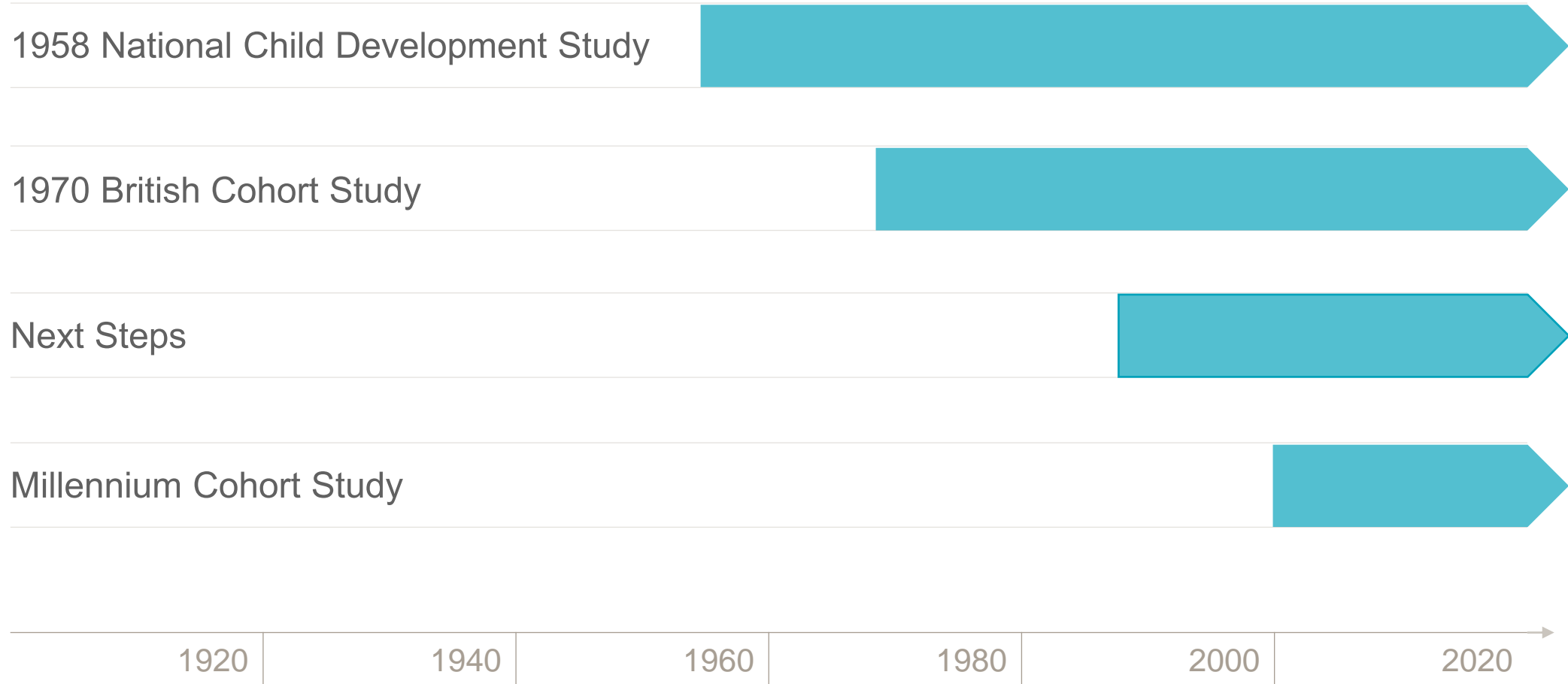
# Introductions

- Vanessa Moulton, Senior Researcher
- Morag Henderson, Associate Professor
- George Ploubidis, Director of NCDS
- Matt Brown, Senior Survey Manager
- Carole Sanchez, Survey Manager NCDS
- Brian Dodgeon, Research Fellow

# About CLS

- The [Centre for Longitudinal Studies](#) is home to four\* national longitudinal cohort studies, which follow the lives of tens of thousands of people
- Each of our four studies follows large, nationally representative groups of people born in a given time period (week, year etc)
- By collecting information from the same people over time, as they live their lives, our studies are powerful resources for answering important research questions

# Timeline of the studies



# Timeline of the studies

1958 National Child Development Study

1970 British Cohort Study

Next Steps

Millennium Cohort Study

**National Child Development Study** follows around 17,000 babies born in one week in 1958

1920

1940

1960

1980

2000

2020

# COVID-19 surveys

| Wave   | Dates         | Context                 | Mode            |
|--------|---------------|-------------------------|-----------------|
| Wave 1 | May 2020      | First national lockdown | Web             |
| Wave 2 | Sept/Oct 2020 | Eased restrictions      | Web             |
| Wave 3 | Feb/Mar 2021  | Third national lockdown | Web → Telephone |

| Study      | Age in 2020 |
|------------|-------------|
| MCS        | 19          |
| Next Steps | 30          |
| BCS70      | 50          |
| NCDS       | 62          |



# Other CLS-Affiliated Studies

## Early Life Cohort Feasibility Study

- A two-year ESRC funded project which started in April 2021 that will test the feasibility of a new UK-wide birth cohort study

## Children of the 2020s Study

- A new nationally representative birth cohort study of babies in England which has been commissioned by the Department for Education (DfE)
- It will include babies born September - November 2021, and seeks to recruit over 8,500 families in mid 2022

## COVID Social Mobility and Opportunities (COSMO) study

- The study began in 2021 with a representative sample of young people in Year 11 across England
- UKRI funded, led by researchers from the UCL Centre for Education Policy and Equalising Opportunities and the Sutton Trust, in collaboration with CLS

# About the 1958 National Child Development Study (NCDS)

CENTRE FOR  
LONGITUDINAL  
STUDIES



Economic  
and Social  
Research Council

# About the 1958 National Child Development Study (NCDS)

- NCDS is multi-purpose and multi-disciplinary study collecting detailed information on different aspects of cohort members lives (economic, social and health)
- Began as a study of Perinatal Mortality
  - Aimed to identify social and obstetric factors linked to stillbirth and neonatal death
  - Findings contributed to the improvement of maternity services in Britain and reduction in perinatal mortality
- Data collected about births and families of just over 17,000 babies born in England, Wales and Scotland in one week in 1958
  - 98.1% of all babies born in the same week took part in the first birth survey






# About the 1958 NCDS

- Early focus was medical but with each sweep the scope has broadened:
  - Childhood sweeps: educational, social and physical development
  - Transitions into adult life: Family formation, employment etc.
  - Formation and maintenance of adult identity
  - Precursors of beneficial and adverse circumstances in mid-life
  - Later sweeps: economic inactivity, health lifestyles, behaviour

Power, C., & Elliott, J. (2006). Cohort profile: 1958 British birth cohort (national child development study). *International journal of epidemiology*, 35(1), 34-41. <https://doi.org/10.1093/ije/dyi183>

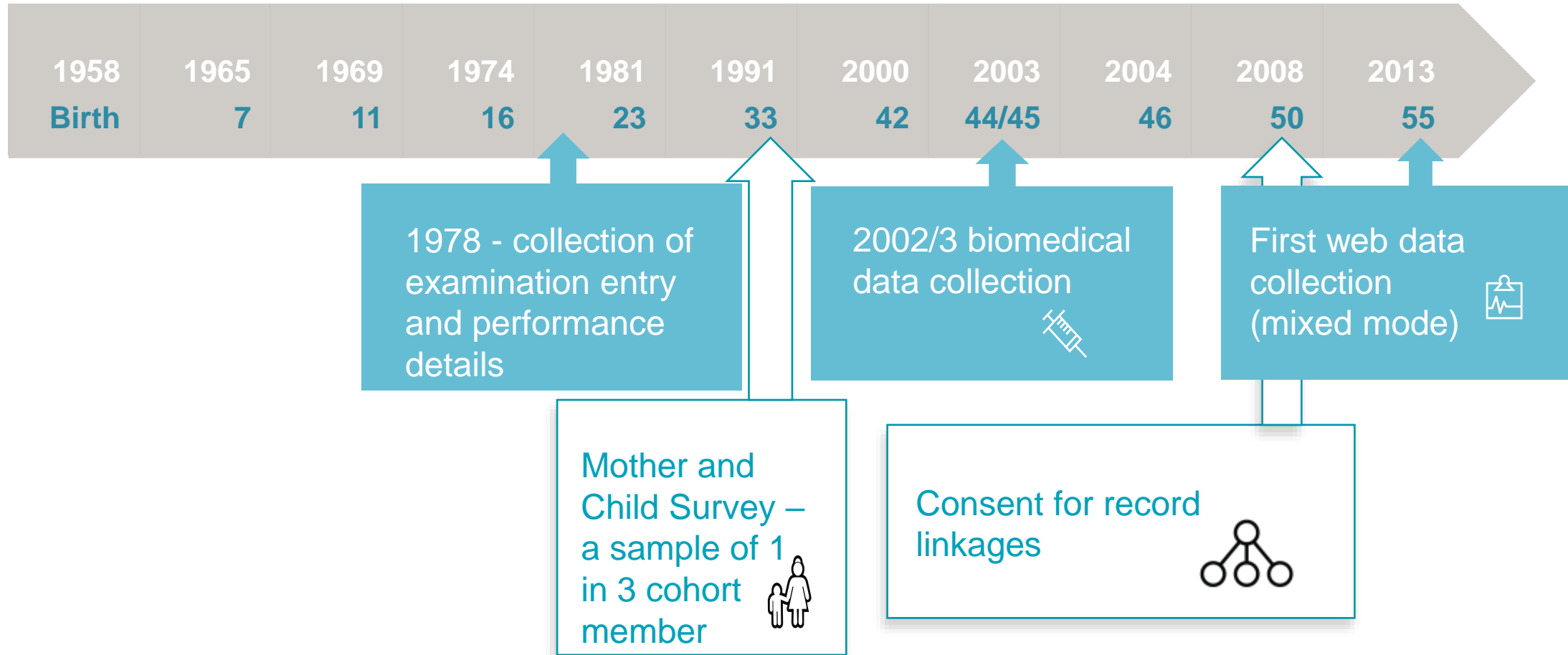
# NCDS A study of everyone born in one week in 1958

CENTRE FOR  
LONGITUDINAL  
STUDIES

|  | Birth   | 7                     | 11                    | 16                         | 23                         | 33                      | 42            | 44            | 46            | 50                    | 55            |
|--|---------|-----------------------|-----------------------|----------------------------|----------------------------|-------------------------|---------------|---------------|---------------|-----------------------|---------------|
|  main respondent      | mother  | parents               | parents               | cohort member / parents    | cohort member              | cohort member           | cohort member | cohort member | cohort member | cohort member         | cohort member |
|  secondary respondent | medical | medical / school      | medical / school      | medical / school           |                            | partner mother children |               |               |               |                       |               |
|  survey instruments   |         | cognitive assessments | cognitive assessments | cognitive assessments      |                            |                         |               |               |               | cognitive assessments |               |
|  linked data        |         |                       |                       | area of residence (census) | area of residence (census) |                         |               |               |               |                       |               |
|  response rate      | 17,415  | 15,425                | 15,337                | 14,654                     | 12,537                     | 11,469                  | 11,419        | 9,377         | 9,534         | 9,790                 | 9,137         |

# NCDS study timeline

CENTRE FOR  
LONGITUDINAL  
STUDIES



# NCDS Sub-studies

18 20 37 50 57

## Warnock Study of Handicapped School Leavers

- Selected CMs handicapped and not @ 500
- Provide information on how handicapped young people negotiated transition from school to work, opportunities and describe early experiences

X

## Feasibility Study and Tobacco Research

- @ 800: education, employment, marriage, children, housing, income and savings
- Adult smoking behaviour self-completion

X

## Literacy and numeracy skills\*:

- 10% representative sample @1,700
- Skills tests, employment, education and training

X

## Twin study\*\*

- Identify zygosity @240
- self-report, physical similarity, 'peas-in-a-pod' q's

X

## In-work poverty and retirement attitudes

- 36 qualitative interviews with purposively selected CMs with varied work histories
- Attitudes, aspirations, plans and expectations for retirement

X

1976 1978 1995 2008 2016

\*Comparison with BCS70 age 21 survey

\*\*also conducted in BCS70

# Examples of research using NCDS

CENTRE FOR  
LONGITUDINAL  
STUDIES



Economic  
and Social  
Research Council



# PERINATAL MORTALITY

THE FIRST REPORT OF THE  
1958 BRITISH PERINATAL MORTALITY SURVEY  
under the auspices of  
THE NATIONAL BIRTHDAY TRUST FUND

BY

NEVILLE R. BUTLER  
M.D., M.R.C.P., D.C.H.

*Physician to the Hospital for Sick Children, Great Ormond Street, London  
Senior Lecturer, Institute of Child Health, University of London  
Director of the Survey*

AND

DENNIS G. BONHAM  
M.A., F.R.C.S., M.R.C.O.G.

*Professor of Obstetrics and Gynaecology, University of Auckland, New Zealand  
formerly Assistant, Obstetric Unit, University College Hospital, London  
Obstetrician to the Survey*

CHITTARANJAN SEVA SADAN COLL  
of Obstetrics Gynaecology and  
Child Health.



E. & S. LIVINGSTONE LTD.  
EDINBURGH AND LONDON  
1963

## Perinatal problems. The Second Report of the 1958, British Perinatal Mortality Survey under the auspices of the National Birthday Trust Fund.

**Author(s)** : [Butler, N. R.](#) ; [Alberman, E. D.](#)

**Editors** : [Butler, N. R.](#) ; [Alberman, E. D.](#)

**Book** : [Perinatal problems. The Second Report of the 1958, British Perinatal Mortality Survey under the auspices of the National Birthday Trust Fund.](#) 1969 pp.xx + 395 pp.

**Abstract** : This is the second volume dealing with a survey conducted in 1958 covering a national sample of over 17000 births and an additional 7000 perinatal and late neonatal deaths. Additional data have been included and a more detailed analysis has been made than in the preceding volume, and the results have been presented in 16 chapters. 7 authors in addition to the 2 editors have contributed individual chapters on particular aspects of perinatal mortality in which they have a special interest and knowledge. The data have been studied in considerable detail and the discussion has been written in a readable and informative style. This report will be a source of reference to all interested in this subject for some time but workers may find some difficulties in making certain comparisons. The data are sometimes illustrated by bar diagrams without the tables from which they were constructed. In some instances the diagrams are given in greater detail than the tables and the recovery of the actual numbers from the diagrams, always difficult, becomes impossible. In the chapter on malformations the associated defects in a number of conditions are shown by small coloured oblongs. This is an ingenious method of attempting to give a pictorial representation of a complex distribution but of no practical use since the recovery of the actual distributions for comparative purposes would be too tedious and uncertain.

This report identifies the categories of high risk pregnancies and suggests the possible steps that can be taken to minimize the risk in this group of mothers. The necessity for further work on many aspects of the problem and for the constant review of the trends in perinatal mortality is stressed in order to check how the advances in practice and research and the changes in administration of maternity services are affecting the infant

## Papers And Originals

## Cigarette Smoking in Pregnancy: Its Influence on Birth Weight and Perinatal Mortality

*Br Med J*. 1972 ; 2 doi: <https://doi.org/10.1136/bmj.2.5806.127> (Published 15 April 1972)

Cite this as: *Br Med J* 1972;2:127

Article

Related content

Metrics

N. R. Butler, H. Goldstein, E. M. Ross

## Papers And Originals

## Smoking in Pregnancy and Subsequent Child Development

*Br Med J* 1973 ; 4 doi: <https://doi.org/10.1136/bmj.4.5892.573> (Published 08 December 1973)

Cite this as: *Br Med J* 1973;4:573

Article

Related content

Metrics

N. R. Butler, H. Goldstein

## Research Article

## Smoking in pregnancy and development into early adulthood.

*British Medical Journal* 1988 ; 297 doi: <https://doi.org/10.1136/bmj.297.6658.1233> (Published 12 November 1988)

Cite this as: *British Medical Journal* 1988;297:1233

Article

Related content

Metrics

Responses

Peer review

K. R. Fogelman, O. Manor



Based on NCDS data age 11 - the final few sentences of the book:

*If children are indeed the nation's future, then everyone has a stake in their welfare .....Do we mind if children grow up in bad housing when we could do something about it ? Do we mind the stress caused by low incomes when we could afford to change it? As a society do we really care sufficiently about our children to reduce drastically the hardships of their families ? Do we care that so many are born to fail?*

Wedge, P., & Prosser, H. (1973). *Born to Fail?: The National Children's Bureau reports on striking differences in the lives of British*. JKP.



Volume 84, Issue 1

February 2002

February 01 2002

## The Effect of School Quality on Educational Attainment and Wages

Lorraine Dearden, Javier Ferri, Costas Meghir

[➤ Author and Article Information](#)

*The Review of Economics and Statistics* (2002) 84 (1): 1–20.

<https://doi.org/10.1162/003465302317331883> [Article history](#) 

 Cite  Permissions  Share ▾

### Abstract


The paper examines the effects of pupil-teacher ratios and wages using the British National Child Development Survey



## Evaluating the effect of education on earnings: models, methods and results from the National Child Development Survey

Richard Blundell, Lorraine Dearden, Barbara Sianesi

First published: 10 March 2005 | <https://doi.org/10.1111/j.1467-985X.2004.00360.x> | Citations: 174

 Barbara Sianesi, Institute for Fiscal Studies, 7 Ridgmount Street, London, WC1E 7AE, UK.  
E-mail: [barbara\\_s@ifs.org.uk](mailto:barbara_s@ifs.org.uk)

JOURNAL ARTICLE

## The Impact of Youth Unemployment on Adult Unemployment in the NCDS [Get access >](#)

Paul Gregg

*The Economic Journal*, Volume 111, Issue 475, November 2001, Pages F626–F653,  
<https://doi.org/10.1111/1468-0297.00666>

**Published:** 09 October 2008

JOURNAL ARTICLE

## Intergenerational Mobility in Britain [Get access >](#)

Lorraine Dearden, Stephen Machin, Howard Reed

*The Economic Journal*, Volume 107, Issue 440, 1 January 1997, Pages 47–66,  
<https://doi.org/10.1111/1468-0297.00141>

**Published:** 01 January 1997

# The long shadow cast by childhood physical and mental problems on adult life

Alissa Goodman, Robert Joyce, and James P. Smith  [Authors info & affiliations](#)

Edited by Kenneth Wachs, University of California, Berkeley, CA, and approved February 8, 2011 (received for review November 11, 2010)

March 28, 2011 | 108 (15): 6032–6037 | <https://doi.org/10.1073/pnas.1016970108>

16,121 | 208



## Abstract

In this article we assess and compare long-term adult socioeconomic status impacts from having experienced psychological and physical health problems in childhood. To do so, we use unique prospective data from the British National Child Development Study, a continuing panel study of a cohort of 17,634 children born in Great Britain during a single week in March 1958. To date there have been nine waves for this birth cohort to monitor their physical, educational, and social development, during childhood (at birth and 7, 11, and 16 y) and adulthood (age 23, 33, 42, 46, and 50 y). Excellent contemporaneous information exists throughout childhood on physical and psychological health, captured by doctor and nurse-led medical examinations and detailed parental and teacher questionnaires. This information is combined with a wealth of contemporaneous

**PNAS**

Vol. 108 | No. 15

Abstract

Acknowledgments

Supporting information

References

**PNAS**

Vol. 102 | No. 7

Significance

Abstract

Acknowledgments

Supporting information

References

# Adverse childhood experiences and physiological wear-and-tear in midlife: Findings from the 1958 British birth cohort

Cristina Barbosa Sales , Michelle Kelly-Irving, Romain Fantic, , and Cunille Delplante [Authors info & affiliations](#)

Edited by Bruce S. McEwen, The Rockefeller University, New York, NY, and approved December 30, 2014 (received for review September 8, 2014)

February 2, 2015 | 112 (7): E736–E746 | <https://doi.org/10.1073/pnas.1417525112>

13,854 | 110




## Significance

The role of early life experiences on health is of major concern to research. Recent studies have shown that chronic stress may “get under the skin” to alter human developmental processes and impact later health. Our findings suggest that early negative circumstances during childhood, collected prospectively in a British birth cohort, could be associated with physiological wear-and-tear in midlife as measured by allostatic load. This relationship was largely explained by health behaviors, body mass index, and socioeconomic status in adulthood, but not entirely. These results suggest that a biological link between adverse childhood exposures and adult health may be plausible.

## Psychological distress from early adulthood to early old age: evidence from the 1946, 1958 and 1970 British birth cohorts

Published online by Cambridge University Press: 21 January 2021

Dawid Gondek , David Barr, Praveetha Patalay, Alissa Goodman, Eoin McElroy, Marcus Richards and George B. Ploubidis

[Show author details](#)

Article

Figures

Supplementary materials

Metrics



Psychological Medicine

CENTRE FOR  
LONGITUDINAL  
STUDIES



Original research

## Changes in the behavioural determinants of health during the COVID-19 pandemic: gender, socioeconomic and ethnic inequalities in five British cohort studies

David Barnett<sup>1</sup>, Aase Villadsen<sup>1</sup>, Jane Maddock<sup>2</sup>, Alun Hughes<sup>2</sup>, George B. Ploubidis<sup>1</sup>, Richard Silverwood<sup>1</sup>

Praveetha Patalay<sup>1, 2</sup>

Correspondence to: Dr David Barnett, Social Research Institute, University College London, London, London, UK; david.barnett@ucl.ac.uk



The British journal of  
Psychiatry

## Pre-pandemic mental health and disruptions to healthcare, economic and housing outcomes during the COVID-19 pandemic: evidence from 12 UK longitudinal studies

Published online by Cambridge University Press: 30 September 2021

George Di Gessa<sup>1</sup>, Jane Maddock<sup>2</sup>, Michael J. Green<sup>3</sup>, Ellen J. Thompson<sup>4</sup>,  
Eoin McElroy<sup>5</sup>, Helena L. Davies<sup>6</sup>, Jessica Mundy<sup>7</sup>, Anna J. Stevenson<sup>8</sup>,  
Alex S. F. Kwong<sup>9</sup> and Gareth J. Griffith<sup>10</sup> ...Show all authors

Show author details

## nature communications

Explore content About the journal Publish with us

nature > nature communications > articles > article

Article | Open Access | Published: 28 June 2022

## Long COVID burden and risk factors in 10 UK longitudinal studies and electronic health records

Ellen J. Thompson<sup>1</sup>, Dylan M. Williams<sup>2</sup>, Alex J. Walker, Ruth E. Mitchell, Claire L. Niedzwiedz, Tiffany C. Yang, Charlotte F. Huggins, Alex S. F. Kwong, Richard J. Silverwood, Giorgio Di Gessa, Ruth C. E. Bowyer, Kate Northstone, Bo Hou, Michael J. Green, Brian Dodgeon, Katie J. Doores, Emma L. Duncan, Frances M. K. Williams, OpenSAFELY Collaborative, Andrew Steptoe, David J. Porteous, Rosemary R. C. McLachlan, Laurie Tomlinson, Ben Goldacre ... Claire J. Steves ...Show authors

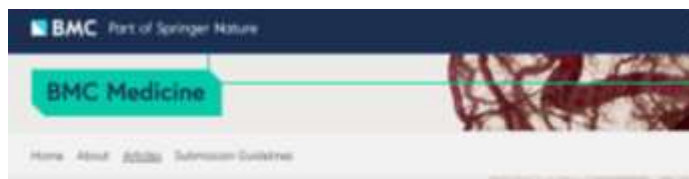


## Mental health in relation to changes in sleep, exercise, alcohol and diet during the COVID-19 pandemic: examination of four UK cohort studies

Published online by Cambridge University Press: 02 November 2021

Aase Villadsen<sup>1</sup>, Praveetha Patalay<sup>2</sup> and David Barnett<sup>3</sup>

Show author details



Research article | Open Access | Published: 21 September 2022

## The UK Coronavirus Job Retention Scheme and smoking, alcohol consumption and vaping during the COVID-19 pandemic: evidence from eight longitudinal population surveys

Michael J. Green<sup>1</sup>, Jane Maddock<sup>2</sup>, Giorgio Di Gessa, Bodena Wiepcoszewska, Sam Parsons, Gareth J. Griffith, Jane Croft, Anna J. Stevenson, Charlotte F. Huggins, Charlotte Booth, Jacarua Webb, Richard J. Silverwood, Praveetha Patalay, Alun D. Hughes, Nishi Chaturvedi, Laura D. Howe, Emilia Fitzsimons, Seemasa Vittal, Katakombi B. George B. Ploubidis

BMC Medicine 20 Article number: 345 (2022) | [View this article](#)

410 Accesses | 17 Abstracts | Metrics

# Data, by theme

CENTRE FOR  
LONGITUDINAL  
STUDIES



Economic  
and Social  
Research Council

# Themes

- Family and relationships
- Education and cognition
- Physical health
- Mental health and well-being
- Behaviours, attitudes and identity

...but there are many more



# Family and Relationships

CENTRE FOR  
LONGITUDINAL  
STUDIES



Economic  
and Social  
Research Council

# Family and relationships

- Household composition
- Relationship to cohort member

## Childhood

- Biological, step, adoptive parents
- Family context, e.g. marital status and partnership formation / dissolution
- Mothers' pregnancy (history), labour and delivery
- Child care
- Socio-economic context of family e.g. parents' employment, social class, income, housing
- Family relationships

# Family and relationships

CENTRE FOR  
LONGITUDINAL  
STUDIES

| Partner  | Family   | Other  |
|--|--|--|
| <p>Partnership Histories dataset (1974-2013)</p> <p>Socio-economic status of CM and partner</p> <p>Economic activity status</p> <p>Employment current / history</p> <p>Cohabiting and non-cohabiting relationships (33, 42, 46, 50, 55)</p> <p>Partner relationship (33, 42)</p> | <p><u>Children</u> (23, 33, 42, 46, 50, 55)</p> <ul style="list-style-type: none"><li>▪ Number; own, adopted, partners'</li><li>▪ Absent (living, contact etc) (42, 46)</li><li>▪ Older (SES, educ, marital and parental status) (42, 46, 50)</li></ul> <p>Family activities/role (33, 42, 50)</p> <p><u>CM's parents</u></p> <ul style="list-style-type: none"><li>▪ Alive, age of death (33, 42, 46, 50, 55)</li><li>▪ Relationship with parents (42, 50)</li><li>▪ Care provision (50, 55)</li></ul> <p><u>Grandchildren</u> (46, 50, 55)</p> <ul style="list-style-type: none"><li>• Care (55)</li></ul> | <p>Social support and relationships (33, 46, 50)</p> <p>Emotional support (33, 42)</p> <p>Informal care (46)</p> |

# Education and cognitive measures

CENTRE FOR  
LONGITUDINAL  
STUDIES



Economic  
and Social  
Research Council

# Educational attainment and skills

- Parents stayed education after min. leaving age (0 M,7 F)
- Early education provision (7)
- Teacher assessment (7,11,16)
  - Learning problems, abilities, class and school profile, future education/occupation
- Special educational needs (11,16)
- Subjects studied (16)
- Study intentions (11,16)
- Qualifications, training and lifelong learning (23,33,42,46, 50, 55)
  - Academic, technical, vocational, skills

# NCDS Cognitive Assessments/Skills

| <u>Domain</u>             | <u>Test</u>  | <u>Age</u>  |
|---------------------------|--|-------------|
| Verbal skills             | Southgate Group Reading Test<br>Reading Comprehension Test (NFER)                          | 7<br>11,16  |
| Verbal reasoning          | General Ability Test (Verbal)  | 11          |
| Non-verbal reasoning      | General Ability Test (Non-verbal)  | 11          |
| Mathematics and numeracy  | Problem Arithmetic Test (NFER)<br>Mathematics Test (NFER)                                  | 7<br>11, 16 |
| Visual/spatial processing | Copying Designs Test<br>Human Figure Drawing   | 7, 11<br>7  |
| Memory                    | Immediate and delayed Word list recall   | 50          |
| Cognitive function        | Timed Letter search/cancellation (processing speed)<br>Animal Naming Test (verbal fluency) | 50<br>50    |

## Adult Basic Skills

Literacy and numeracy (ALBSU)

37\*

# Physical Health

CENTRE FOR  
LONGITUDINAL  
STUDIES



Economic  
and Social  
Research Council

# Medical history

- Birth
  - Abnormalities in pregnancy, labour (induction, progress, medications, mode of delivery), infant (weight, gestational age), obstetric complications
- Immunisation /vaccinations (7,16)
- Childhood illness (7,11,16)
- Hospital admissions (7,11,16, 23, 33, 42, 46)
- Medication (44/5)
- Chronic widespread pain (44/5)
- Linked administrative health records
  - England and Scotland (UKDS secure access)
- Death (1958-2016) UKDS secure access



# Physical Health in NCDS – measurements

- Anthropometrics:
  - Height, Weight and BMI (7, 11\*, 16, 23, 33, 44/5, 50, 55)
  - Head circumference (7)
  - Hip and waist circumference (44/5)
- Measurements (medical examination)
  - Blood pressure (44/5)
  - Pulse (44/5)
  - Vision (7,11,16, 44/5)
  - Audiometry (7,11,16, 44/5,)
  - Laterality (7)
  - Co-ordination (7,11,16)
  - Speech (7,(11),16)
  - Respiratory symptoms, ventilatory function (FEV1 and FVC)

# Physical Health in NCDs – measurements and samples

- Blood samples (44/5):
  - Total / HDL cholesterol
  - Glycosylated haemoglobin (HbA1c)
  - Insulin-like growth factor 1 (IGF-1)
  - Total and allergen-specific immunoglobulin E
  - Fibrinogen
  - Tissue plasminogen activator (t-PA)
  - Von Willebrand factor (9vWF)
  - C-reactive protein
  - Serum 25-hydroxyvitamin D
- DNA extraction
- Lymphoblastoid cell lines
- Saliva cortisol

# Assessment of Physical Health

- Parent/self-assessment of CM's general health (7, 11, 16, 33, 42, 44/45, 46, 50, 55)
  - (SF-36) General health (50)
- Medical conditions/Long standing illness (0, 7, 11, 23, 33, 42, 44/5, 46, 50, 55)
- Disability (7, 16, 23, 33, 46)
- Reproductive health 33
  - Pubertal assessment (11, 16)
  - Contraception (23, 42, 44/5, 50)
  - Pregnancy history (23, 33, 42, 46, 50); Infertility (23, 42)
  - Gynaecological problems (50); Hysterectomies/Oophorectomies (44/5, 50)
  - Menopause (44/5, 50, 55); HRT (44/5, 50)

# Health behaviours

## Cohort member (CM)

- Physical activity (11, 16, 23, 33, 42, 44/5, 46, 50, 55)
- Diet (7, 33, 42, 44/5)
- Smoking (23, 33, 42, 46, 50, 55)
- Drinking (16, 23, 33, 42, 44/5, 46, 50, 55)
  - AUDIT (Alcohol Use Disorders Identification Test) – 10 item (44/5, 50)
- Drugs (42)
- Sleep (7, 16, 50)

## CM's parent

- Maternal smoking before and during pregnancy (0)
- Parents smoke (16)

## CM's child

- CM smoked during pregnancy (33, 42)

# Mental health and well-being

CENTRE FOR  
LONGITUDINAL  
STUDIES



Economic  
and Social  
Research Council

| Mental Health measure  | Age            |
|--|----------------|
| Rutter Behaviour Scales  | 7, 11, 16, 16  |
| British Social Adjustment Guide  | 7, 11          |
| Malaise Inventory: Psychological distress                              | 23, 33, 42, 50 |
| GHQ-12: Psychological distress   | 42             |
| Warwick-Edinburgh Mental Wellbeing Scale (WEMBS)                       | 50             |
| 36 Item Short Form Survey (SF-36) – health incl. general mental health | 50             |
| Life satisfaction  | 33, 42, 46, 50 |
| Quality of Life Scale (CASP- 12/6 item)                                | 50, 55         |

Parent, teacher and self-report

# Clinical Interview Schedule –Revised (CIS-R)

- Age 44/45 'Assessing minor psychiatric disorder in the community' (Lewis, Pelosi, Araya and Dunn, 1992)
  - Fatigue
  - Concentration and forgetfulness
  - Sleep problems
  - Irritability
  - Depression
  - Depression ideas
  - Anxiety
  - Phobias
  - Panic

# Behaviours, attitudes and identity

CENTRE FOR  
LONGITUDINAL  
STUDIES



Economic  
and Social  
Research Council



# Behaviours

- Personality Inventory (50)
  - 50 items, summed scores of 'Big-5' extraversion, agreeableness, conscientiousness, emotional stability, and openness
- Self-efficacy (33, 42, 46, 50)
- Risky and antisocial behaviour (42)
  - Criminality, contact with police
- Victim of crime (46)

# Attitudes, values and identity

- Religion (23,33, 42, 50)
- Politics
  - Voting (23, 33, 42, 50, 55)
  - Political participation (46, 50)
- Membership of organisations (23, 33, 42, 46, 50)
- Values (50)
- Range of attitudes and values e.g. politics, racism, environment (33, 42, 50)
- Activities and interests
  - Leisure activities (11, 16, 23, 50, 55)
  - Newspapers read (23,
  - Reading (33, 46)
  - Access to / use the internet (46, 55)
- Attitudes
  - School (11, 16)
  - Aspirations future (job, education, family) (16)
  - Work (33)
  - Retirement (55)
  - Neighbourhood (50)

# Data enhancements and innovations

CENTRE FOR  
LONGITUDINAL  
STUDIES



Economic  
and Social  
Research Council

# Access to different types of data

Access to data held by the UK Data Service varies depending on how the data is classified:

**Tier 1:** [End User Licence \(EUL\)](#) for access to data with a low level of sensitivity and disclosivity.

- Most of our data are available under this licence.
- Your application is authorised directly by the UK Data Service, and you can download the data directly from there.

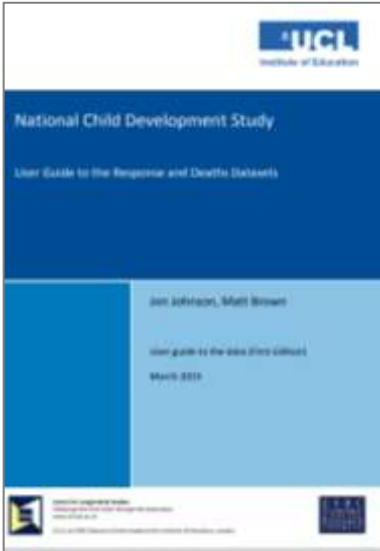
**Tier 2a:** [Special Licence \(SL\)](#) for access to moderately sensitive or disclosive data. Access through the UK Data Service and application approved by CLS before you can download the data.

**Tier 2b:** [Secure Access Licence \(SA\)](#) for access to the most sensitive and/or potentially disclosive data. Access through the UK Data Service and attend a specialised training course.

<https://cls.ucl.ac.uk/data-access-training/data-access/>

# CLS record linkage programme – available data in NCDS

| Domain | Country  | Data set / information  | Access            |
|--------|----------|---|-------------------|
| Health | England  | <ul style="list-style-type: none"><li>Hospital Episodes Statistics (HES)</li></ul>                                | via the UKDS (SA) |
|        | Scotland | <ul style="list-style-type: none"><li>Inpatient, Outpatient, Maternity Records, Prescribing Information</li></ul> | via the UKDS (SA) |
| Deaths | GB       | <ul style="list-style-type: none"><li>MM/YY and source of death e.g. ONS Death Certificate</li></ul>              | via the UKDS (SL) |



SA (UKDS Secure Access)  
SL (UKDS Special Licence)

# Geographical data enhancements

Available via the UKDS

| Domain        | Country       | NCDS sweep / year | Data set / information   | Access            |
|---------------|---------------|-------------------|--|-------------------|
| Neighbourhood | Great Britain | 3 to 5            | <ul style="list-style-type: none"><li>Geographical Identifiers</li><li>Ward, Enumeration / District Boundaries, Parliamentary Constituency, County</li></ul>   | via the UKDS (SA) |
|               | Great Britain | 6 to 9            | <ul style="list-style-type: none"><li>Geographical Identifiers</li><li>Ward, Output Areas, Local Authorities, Parliamentary Constituency</li></ul>   | via the UKDS (SA) |
|               | Great Britain | 3 to 9            | <ul style="list-style-type: none"><li>Counties<ul style="list-style-type: none"><li>Based on digitised 1981 boundary files</li></ul></li></ul>   | via the UKDS (SL) |
|               | Great Britain | 1971-2011         | <ul style="list-style-type: none"><li>Townsend Index of Deprivation</li><li>Population, persons per hectare, urban-rural indicator</li><li>Townsend Deprivation Score and Quintile:<ul style="list-style-type: none"><li>Unemployed % of economically active</li><li>Non-home ownership % households</li><li>Non-car ownership % households</li><li>Household overcrowding</li></ul></li></ul> | via the UKDS (SA) |

# Harmonised data sets (in NCDS and across other British cohorts)

Available via the UKDS (EUL)

| Domain                | NCDS age                                     | Data set / information   |
|-----------------------|--|--|
| Socio-Economic        | age 11<br>age 41/42                          | <ul style="list-style-type: none"><li>• Highest parental social class (RG 1990 version)</li><li>• CM's social class (RG 1990 version)</li></ul>  |
| Body Mass Index (BMI) | 0,7,11,16,23,33,42,50<br>7,11,16,23,33,42,50 | <ul style="list-style-type: none"><li>• Weight</li><li>• Height</li></ul>  |
| Mental health         | age 11                                       | <ul style="list-style-type: none"><li>• Four domains: emotional, peer problems, behavioural and attention / hyperactivity problems</li></ul>   |
| Child environment     | Various                                      | <ul style="list-style-type: none"><li>• Crowding, Sole use of amenities, Housing tenure, Teen mother and/or father</li><li>• Child rearing and parenting</li><li>• Family instability (divorce, separation, moves</li><li>• Parental and child health</li><li>• Well-being</li></ul> |

# NCDS COVID-19 and serology surveys

Available via the UKDS (EUL)

<https://cls.ucl.ac.uk/covid-19-survey/>

| COVID-19 surveys response |       |
|---------------------------|-------|
| Wave 1                    | 5,178 |
| Wave 2                    | 6,282 |
| Wave 3                    | 6,809 |

| Serology survey response |       |
|--------------------------|-------|
| Invited                  | 6,939 |
| Consented                | 4,156 |
| Blood sample returned    | 3,222 |

## Serology Survey:

- Participants who took part in one of three COVID-19 Surveys were invited to provide a finger-prick blood sample
- Two antibody tests conducted - N-assay and S-assay
  - N-assay more likely to identify naturally occurring antibodies through exposure to virus
  - S-assay more likely to identify antibodies occurring following vaccination



# Mother and Child survey (age 33)

Available via the UKDS (EUL)

- Sample of one in three CM's families.
- Information was collected directly from 3,438 children of CMs < age 17
- Age-specific questions to mother on child's:
  - Motor and social development, behaviour, temperament, home environment
- Child:
  - Age-specific (3<17) cognitive assessments
    - Peabody Picture Vocabulary Test – Revised (PPVT-R); Peabody Individual Achievement Test (PIAT): Maths, Reading Recognition, Reading Comprehension; McCarthy Scale of Child Abilities: Verbal Memory Subscale; WISC-R Digit Span
  - Height and weight
- Synergy with US National Longitudinal Survey of Youth (NLSY;1990 survey)

# Twins Survey 2008 (also conducted in BCS70)

Available via the UKDS (EUL)

- Data on zygosity of twins
- 244 NCDS twins (data imputed if only one twin pair responded)
- Three measures of zygosity:
  - Self-report
  - Based on 5 standardised questions: Teachers, parents, siblings, close friends, strangers telling them apart and 'Peas in a pod' question
  - Physical similarity (eye colour, height, weight, hair colour & texture)
- 18-26% identical twins

# Genetic data

- 2002/3 Biomedical Survey – collected whole blood and saliva samples from CMs
- DNA was extracted from whole blood (finite) and also a transformed lymphocytes collection (further DNA extraction).
  - Both extensively genotyped
- Forthcoming:
  - Combined genetic dataset from multiple chips (QC'd); polygenic scores for social and health traits
  - Comprehensive documentation of genetic datasets will be available on the CLS website.

# Genetic data

- Four main types of genomic data available:
  - Genome Wide (GW) genotyping data
    - Across 6 different microarrays
  - Imputed datasets (Based on GW)
    - Combined dataset collated including 7.4 million genetic variants and 6,431 individuals
  - Epigenetic datasets – one methylation dataset
    - 1 DNA methylation dataset has been generated for 1,377 samples using the Illumina EPIC array which covers 850,000 DNA methylation sites
  - Sequencing datasets – one exome sequence dataset
    - N = 5,841

<https://research.ncl.ac.uk/d2k/ourresearch/58forwards/introductionto1958birthcohort>

# Genetic data access

- Data access system via CLS Data Access Committee
- Complete CLS Data Access Request - which includes:

- i. Research project description (up to 500 words)
- ii. Brief methodology description (up to 500 words)
- iii. Ethico-legal issues including sensitive or controversial social topics (up to 500 words)

- And attaching NCDS\_Data\_Dictionary.xlsx with requested variables
- Bespoke survey dataset identified by a specific project ID



The image shows a 'CLS Data Access Request' form from the Centre for Longitudinal Studies (CLS) at UCL. The form is titled 'CLS Data Access Request' and is labeled '1. CLS Data Access Application Form'. It includes a 'DAC REF:' field. The form contains instructions for applicants, stating that the CLS Data Access Committee (CLS DAC) welcomes applications to access CLS research data not publicly available via the UK Data Service or other data repositories, and biological samples. It also mentions that applicants should read the 'CLS Data Access Guidelines' before completing the form. The form is divided into two main sections: '1.1. Main data applicant' and '1.2. Research team and collaborators'. Section 1.1 includes a table for the main data applicant with fields for Name, Affiliation and work address, Academic email address, Website (e.g., ORCID or institutional website), and Telephone. Section 1.2 includes a table for research team and collaborators with fields for Name, Affiliation, and Email address. The form also includes a note that applicants may add rows for additional users if required.

**CLS Data Access Request**

**1. CLS Data Access Application Form** DAC REF: \_\_\_\_\_

The CLS Data Access Committee (CLS DAC) welcomes applications to access CLS research data not publicly available via the UK Data Service or other data repositories, and biological samples. Please read the [CLS Data Access Guidelines](#) below (p. 3) prior to completing this form.

**1.1. Main data applicant**  
For applications by students, the main data applicant must be the project supervisor.

|   |  |
|---|--|
| Name:   |  |
| Affiliation and work address:                   |  |
| Academic email address:                         |  |
| Website (e.g., ORCID or institutional website): |  |
| Telephone:                                      |  |

**1.2. Research team and collaborators**  
Please list the names of all member(s) of your research team who need access to the data and their contact email address.

| Name | Affiliation | Email address |
|------|-------------|---------------|
|      |             |               |
|      |             |               |
|      |             |               |

You may add rows for additional users if required.

CLS Application for Data Access

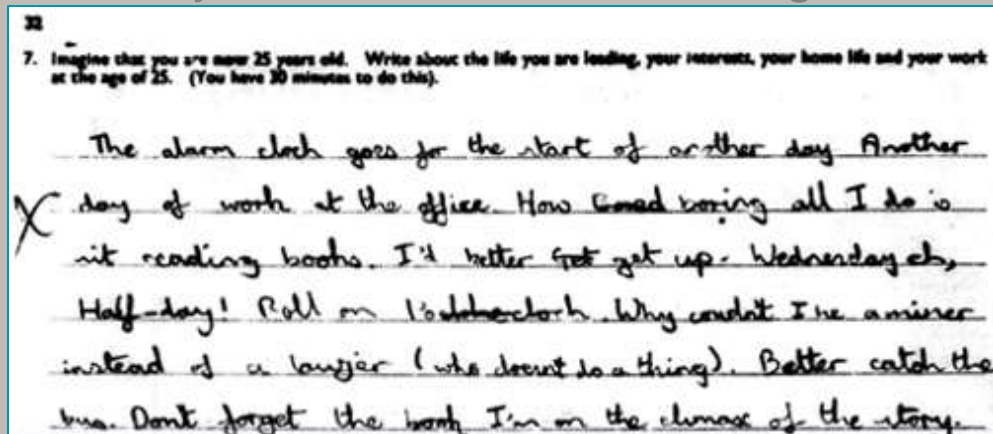
# Imagined futures (1969 - age 11; 2008/9 – age 50)

Available via the UKDS (EUL)

CENTRE FOR  
LONGITUDINAL  
STUDIES

*'Imagine you are now 25 years old. Write about the life you are leading, your interests, your home life, and your work at the age of 25'*

- 10,511 transcribed essays
- Future plan to deposit derived variables using open text analysis with machine learning tools.



*'Imagine you are now 60 years old...please write a few lines about the life you are leading (your interests, your home life, your health and well-being and any work you may be doing'*

- 7,383 transcribed essays

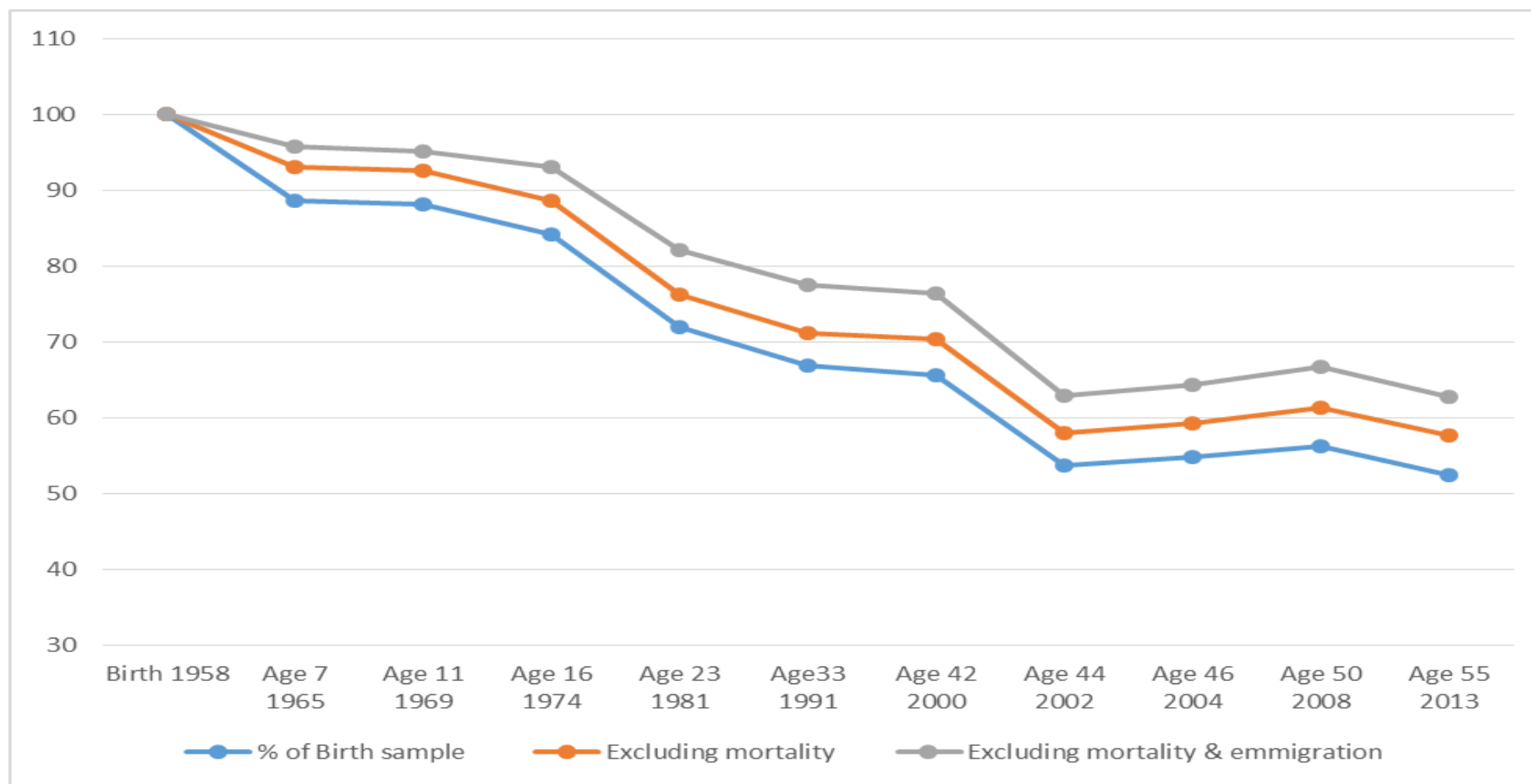
# Dealing with attrition

# Attrition and non-response

- Attrition is the discontinued participation of some individuals in a longitudinal survey for reasons that are unknown and/or beyond the control of the researcher
- Unit/wave non-response (attrition) as opposed to item non-response (both types of missing data)
- Types of unit/wave non-response:
  - Non-contact
  - Refusal
  - Inability
- Non-response on the increase in all surveys
- Non-response may not be permanent
- Non-response/attrition can have some important implications



# Sample size in the 1958 cohort as % of the original sample

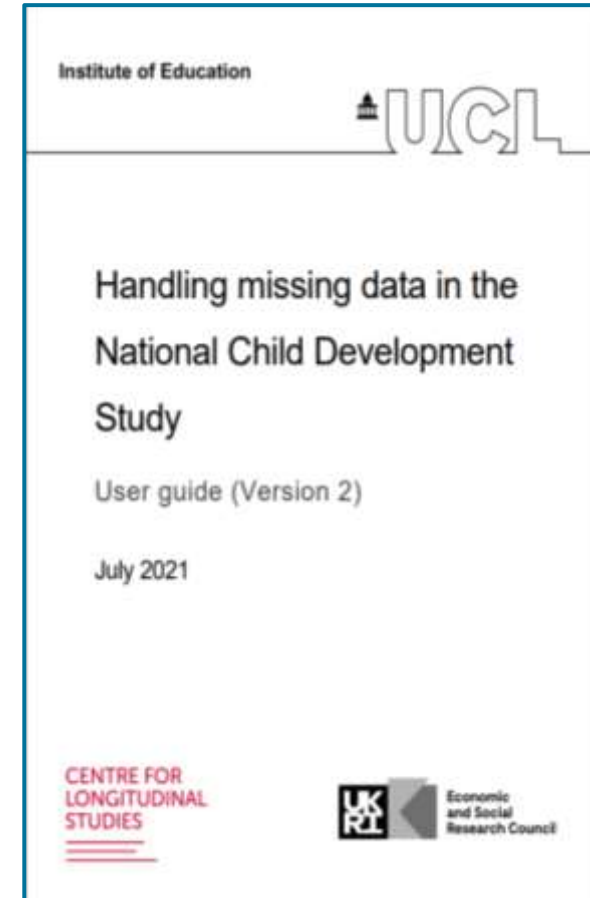


# Dealing with unit non-response in NCDS

- Case-wise deletion i.e. ignoring non-response (unless missing completely at random)
  - Any individual in a data set is deleted from an analysis if they're missing data on any variable in the analysis
  - Straightforward, but doesn't deal with any non-response bias
- Non-response weights
  - Adjust the sample composition to take account of the loss of particular type of respondents.
  - Inverse probability weighting (IPW)
- Other more advanced methods e.g. multiple imputation
  - MI involves the generation of multiple copies of the dataset in each of which missing values are replaced by imputed values sampled from their posterior predictive distribution given the observed

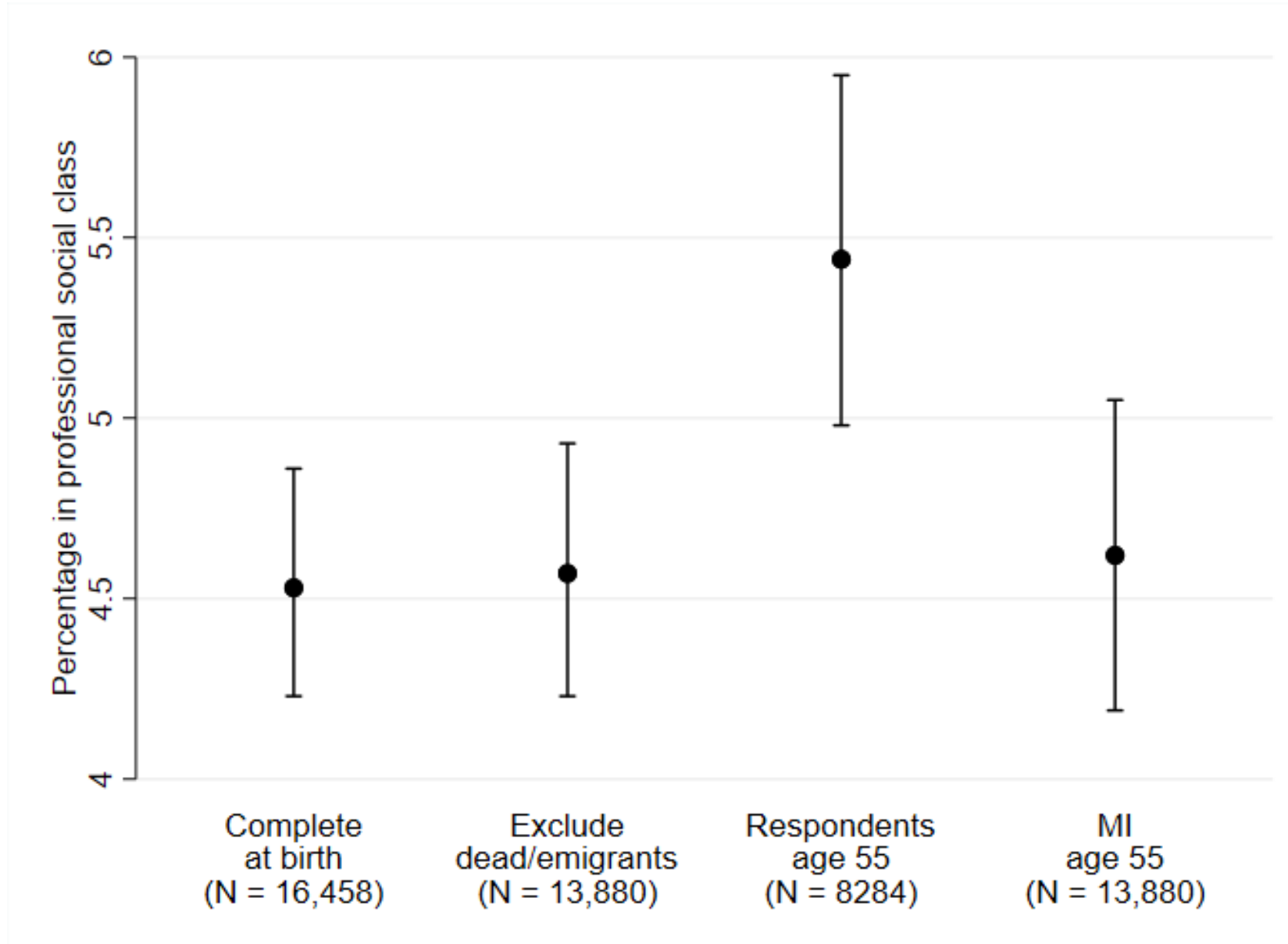
# Dealing with unit non-response in NCDS

- No attrition weights in NCDS dataset\* – cohort specific ‘Missing Data Guide’ for NCDS
  - \* except for COVID-19 surveys
- Relevant examples and useful references:
  - NCDS Missing Data Strategy
  - Multiple imputation (MI)
    - How to develop, prepare, conduct and check MI
  - Inverse probability weights
  - Further reading



[CLS | Handling missing data \(ucl.ac.uk\)](https://ucl.ac.uk/cls/handling-missing-data)

# Social class of mother's husband at birth



# Resources and data access

CENTRE FOR  
LONGITUDINAL  
STUDIES



Economic  
and Social  
Research Council

<https://cls.ucl.ac.uk/cls-studies/1958-national-child-development-study/>

CENTRE FOR  
LONGITUDINAL  
STUDIES

[HOME](#) [ABOUT](#) [NEWS](#) [EVENTS](#) [CONTACT](#)

CENTRE FOR LONGITUDINAL STUDIES



[COVID-19](#) [Our studies](#) [Our research](#) [Publications and resources](#) [Data access and training](#)

[Home](#) [Our studies](#)

# 1958 National Child Development Study

On this page:

- [Introduction](#)
- [Sweeps](#)
- [COVID-19 survey and data](#)
- [Response and handling missing data](#)
- [Sub studies](#)
- [Latest from NCDS](#)
- [Recent publications](#)
- [Study features](#)
- [Popular documentation](#)
- [Data access](#)
- [Principal Investigator](#)
- [More related content](#)



**ncds**  
National Child Development Study

The 1958 National Child Development Study (NCDS) is following the lives of an initial 17,415 people born in England, Scotland and Wales in a single week of 1958. It started in 1958 at birth, as the Perinatal Mortality Survey.

[+ more](#)

<https://cls.ucl.ac.uk/cls-studies/1958-national-child-development-study/>

CENTRE FOR  
LONGITUDINAL  
STUDIES



# Available resources

- User guides
  - Overview of measures; Response and weights
- Questionnaires
  - Exact question wording; Question routing; Variable names
- Data documentation
  - Data notes; Coding frames; Variables lists, including derived variables
- Technical reports
  - Sample and questionnaire design, development
  - Fieldwork, response, ethics
  - Coding, editing
- Data dictionaries
- Previous journal publications <https://cls.ucl.ac.uk/publications-and-resources/>



# SEARCH Closer Discovery (discovery.closer.ac.uk/)

About

Search

Explore

Lists 0

Item Type

☐ Studies (0)

☐ Sweeps (0)

☐ Datasets (0)

☒ Variables (-139)

☐ Questionnaires (0)

☐ Questions (-2)

More...

Refine


Reset

Study


Life Stage

Topic

Help



Explore the content of UK longitudinal studies

 Economic and Social Research Council

politics

Sort by: Relevance

Item types: Variables

Query: politics

Search within: National Child Development Study

Results 1 to 50 of 139 (0.05 seconds)

N8VOTE01

[VOTE01] CASI: Whether voted in the General Election (May 2005)

Politics

Study: [National Child Development Study](#) / Sweep: [Age 50 Survey \(2008\)](#) / Dataset: [NCDS8 CAI Questionnaire \(2008\) Dataset](#)

N8VOTENW

[VOTENOW] CASI: Party that would vote for now

Politics

Study: [National Child Development Study](#) / Sweep: [Age 50 Survey \(2008\)](#) / Dataset: [NCDS8 CAI Questionnaire \(2008\) Dataset](#)

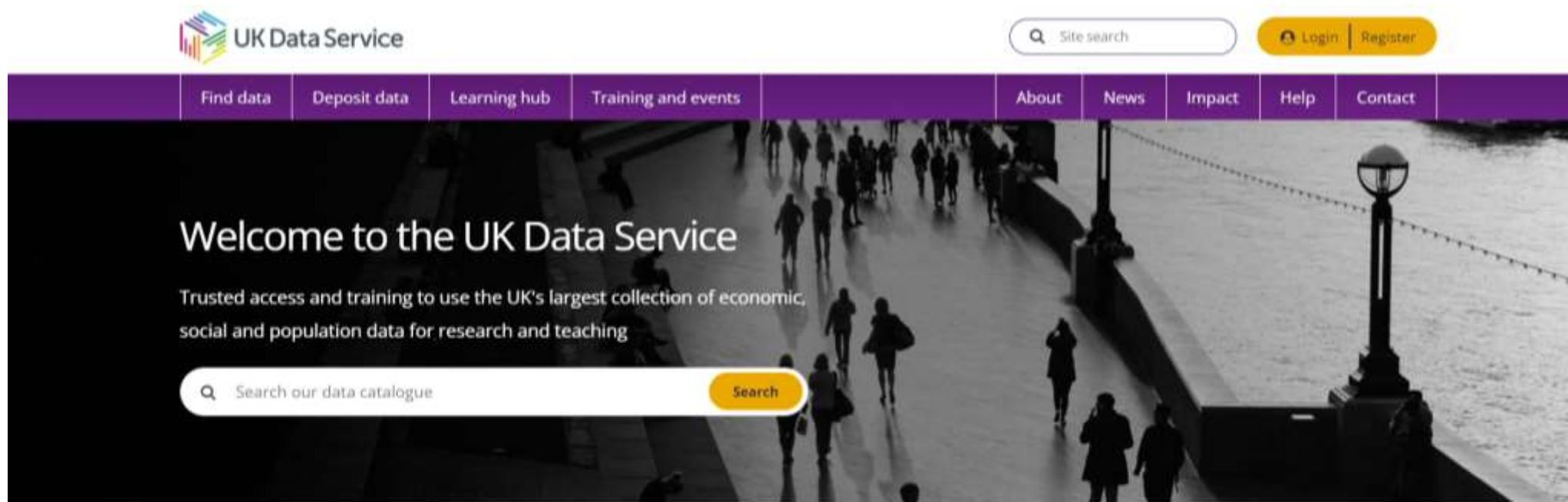
N8VOTEWO

[VOTEWHO] CASI: Party voted for in the General Election (May2005)

Politics

Study: [National Child Development Study](#) / Sweep: [Age 50 Survey \(2008\)](#) / Dataset: [NCDS8 CAI Questionnaire \(2008\) Dataset](#)

Data freely available to researchers, government analysts and third sector workers: <https://ukdataservice.ac.uk/>



### Key services



# Available Resources: UK Data Service

National Child Development Study: Age 55, Sweep 9, 2013

Details Documentation Resources Access data

Documentation

| Title                                   | File name   | Size (MB) |
|---|---|-----------|
| CLS Confidentiality and Security Review | <a href="#">cls_confidentiality_and_data_security_review.pdf</a>    | 0.02      |
| UK Data Archive Data Dictionary         | <a href="#">ncds_2013_child_died_ukda_data_dictionary.rtf</a>       | 0.01      |
| UK Data Archive Data Dictionary         | <a href="#">ncds_2013_derived_ukda_data_dictionary.rtf</a>          | 0.04      |
| UK Data Archive Data Dictionary         | <a href="#">ncds_2013_employment_ukda_data_dictionary.rtf</a>       | 0.11      |
| UK Data Archive Data Dictionary         | <a href="#">ncds_2013_flatfile_ukda_data_dictionary.rtf</a>         | 0.53      |
| NCDS 2013 User Guide                    | <a href="#">ncds_2013_follow_up_guide_to_the_datasets.pdf</a>       | 0.54      |
| NCDS 2013 Questionnaire (CAPI)          | <a href="#">ncds_2013_follow_up_questionnaire_documentation.pdf</a> | 1.82      |
| NCDS 2013 Technical Report              | <a href="#">ncds_2013_follow_up_technical_report.pdf</a>            | 0.92      |
| NCDS 2013 Derived Variables             | <a href="#">ncds_2013_follow-up_derived_variables.pdf</a>           | 0.39      |
| NCDS 2013 Variable Lookup Table         | <a href="#">ncds_2013_follow-up_variable_lookup.pdf</a>             | 0.36      |
| UK Data Archive Data Dictionary         | <a href="#">ncds_2013_housing_ukda_data_dictionary.rtf</a>          | 0.01      |
| UK Data Archive Data Dictionary         | <a href="#">ncds_2013_persongrid_ukda_data_dictionary.rtf</a>       | 0.02      |

National Child Development Study Response and Outcomes Dataset, 1958-2013

Details Documentation Resources Access data

Documentation

| Title  | File name   | Size (MB) |
|--|---|-----------|
| A Guide to Longitudinal Linkage of NCDS Data   | <a href="#">a_guide_to_longitudinal_linkage_of_ncds_data.pdf</a>            | 1.13      |
| CLS Confidentiality and Data Security Review   | <a href="#">cls_confidentiality_and_data_security_review.pdf</a>            | 0.05      |
| NCDS and BCS70 Response                        | <a href="#">ncds_and_bcs70_response.pdf</a>                                 | 0.76      |
| NCDS User Guide 2006                           | <a href="#">ncds_user_guide_2006.pdf</a>                                    | 0.2       |
| UK Data Archive Citation File for Study 5560   | <a href="#">UKDA_Study_5560_information.htm</a>                             | 0         |
| UK Data Archive Data Dictionary                | <a href="#">ukda_data_dictionaries.zip</a>                                  | 0         |
| UK Data Archive Information for Study 5560     | <a href="#">read5560.htm</a>  | 0         |
| User Guide to NCDS Response and Deaths Dataset | <a href="#">user_guide_to_ncds_response_and_deaths_datasets_protect.pdf</a> | 0.73      |

# National Child Development Study

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

## Access data

- GN 33004**  
National Child Development Study, 1958 - Survey and Biomeasures Data
- GN 33395**  
National Child Development Study, 1958 - Linked Administrative Data
- GN 33497**  
National Child Development Study, 1958 - Linked Geographical Data
- GN 33521**  
National Child Development Study and 1970 British Cohort Study (BCS70): Combined Studies
- GN 33559**  
COVID-19 Survey in Five National Longitudinal Cohort Studies
- GN 33562**  
National Child Development Study, 1958 - Sub-studies

Click on a series name or an arrow to see the datasets.

[Add to account](#)

# NCDS 'Survey and Biomeasures Data'

| National Child Development Study   |   |                         |                             |
|--|---|-------------------------|-----------------------------|
| <a href="#">Abstract</a> <a href="#">FAQ's</a> <a href="#">Resources</a>         |   |                         | <a href="#">Access data</a> |
| Access data  |   |                         |                             |
| GN 33004<br>National Child Development Study, 1958 - Survey and Biomeasures Data |   |                         |                             |
| SN   | Study description   | Explore online          | Select                      |
| 8731   | <a href="#">National Child Development Study: Biomedical Survey 2002-2004</a>   |                         | <a href="#">Login</a>       |
| 8313   | <a href="#">National Child Development Study: Age 11, Sweep 2, "Imagine you are 25" Essays, 1969</a>  |                         | <a href="#">Login</a>       |
| 7669   | <a href="#">National Child Development Study: Age 55, Sweep 9, 2013</a>   | <a href="#">Nesstar</a> | <a href="#">Login</a>       |
| 6978   | <a href="#">National Child Development Study: Age 50, Sweep 8, "Imagine You are 60", 2008-2009;</a>   |                         | <a href="#">Login</a>       |
| 6942   | <a href="#">National Child Development Study: Activity Histories, 1974-2013</a>   | <a href="#">Nesstar</a> | <a href="#">Login</a>       |
| 6940   | <a href="#">National Child Development Study: Partnership Histories, 1974-2013</a>  | <a href="#">Nesstar</a> | <a href="#">Login</a>       |
| 6137   | <a href="#">National Child Development Study: Age 50, Sweep 8, 2008-2009</a>  | <a href="#">Nesstar</a> | <a href="#">Login</a>       |
| 5790   | <a href="#">National Child Development Study: Age 11, Sweep 2, Sample of Essays, 1969</a>   |                         | <a href="#">Login</a>       |
| 5594   | <a href="#">National Child Development Study: Biomedical Survey: Medication, Childhood Adversity and Sensitive Biomeasures, 2002-2004: Special Licence Access</a> |                         | <a href="#">Login</a>       |
| 5579   | <a href="#">National Child Development Study: Age 46, Sweep 7, 2004-2005</a>  | <a href="#">Nesstar</a> | <a href="#">Login</a>       |
| 5578   | <a href="#">National Child Development Study: Age 42, Sweep 6, 1999-2000</a>  | <a href="#">Nesstar</a> | <a href="#">Login</a>       |
| 5567   | <a href="#">National Child Development Study: Age 33, Sweep 5, 1991</a>   | <a href="#">Nesstar</a> | <a href="#">Login</a>       |

Age 0, 7, 11 and 16 in one file:  
[National Child Development Study: Childhood Data from Birth to Age 16, Sweeps 0-3, 1958-1974](#)



# Accessing the data

- Register and set up an account at the UK Data Service
- Search for the data using the 'find data' tab
  - NCDS or the study number '2000032'
- Before downloading the data
  - Click on 'Request Access'
  - Click on 'Complete Actions'
  - Agree to standard 'End User Licence'
  - Read and agree extra conditions
  - Choose data format and download zip file
    - SPSS
    - STATA
    - TAB (tab-delimited file)

# Looking ahead

CENTRE FOR  
LONGITUDINAL  
STUDIES



Economic  
and Social  
Research Council

# Looking ahead

- Age 62-64 survey
  - Currently in the field
    - 90 minute face to face interview\*
    - Paper self-completion
    - 60 minute nurse visit
    - Life history paper questionnaire
    - Online diet questionnaire
  - Data deposit at UKDS ~ summer 2024

\*Some interviews carried out via video link



# Age 62-64 content I (not exhaustive)

## Employment and income

Occupation

Income

Partner's employment and income

Impact of COVID-19

Benefits

Pensions

Savings and Debts

Intergenerational transfers

Retirement

Lifelong learning

## Family and relationships

Grandchildren

CM's and partners parents

Quality of relationships

## Activities, attitudes and opinions

## Cognitive function:

Immediate and delayed recall

Animal naming

Letter cancellation

## Mental health and well-being

Psychological distress

Mental well-being

Quality of life

Life satisfaction

Loneliness

## Physical health and health behaviours

General / Longstanding / Physical health problems

Health insurance

COVID tests, symptoms, long COVID

Height/Weight

Exercise

Diet

Drinking and smoking

Pain

Sleep

# Age 62-64 content II (not exhaustive)

## Nurse visit – bio-measures

Prescribed medications

Seated and standing blood pressure

Maximal grip strength

Blood sampling:

- Total and HDL cholesterol
- Glycated haemoglobin (HbA1c)
- DNA extraction

Anthropometry (weight, body fat, waist and hip)

Timed normal walk

Standing balance: Leg raise

## Life history questionnaire:

Recall age 7, 11 and 16 years:

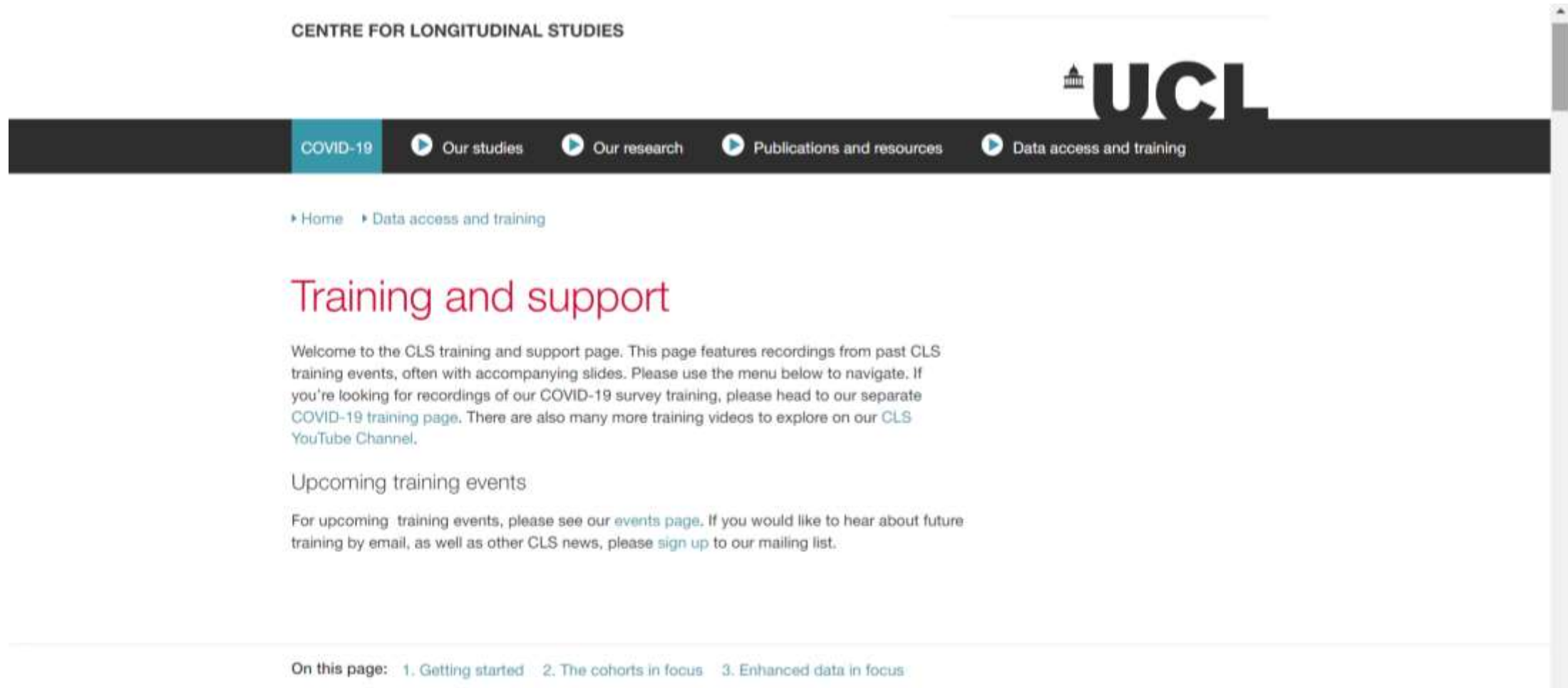
- Education
- Accomodation
- Parent employment and financial situation
- Family relationships
- Health and behaviours
- Negative events
- Feelings

# We've covered

- A brief overview of CLS and the NCDS
- Examples of the types of research
- Data in the NCDS by themes
- Enhancements and innovations
- Resources available and data access
- Q&A to the panel

# Training and Support

- <https://cls.ucl.ac.uk/data-access-training/training-and-support-2/>



The screenshot shows the 'Training and support' page of the Centre for Longitudinal Studies (CLS) at UCL. The page has a dark navigation bar with the UCL logo and links to 'COVID-19', 'Our studies', 'Our research', 'Publications and resources', and 'Data access and training'. The 'Data access and training' link is highlighted. Below the navigation bar, a breadcrumb trail shows 'Home' and 'Data access and training'. The main heading 'Training and support' is in a large, red font. The introductory text welcomes visitors to the CLS training and support page, mentioning recordings from past CLS training events and providing links to 'COVID-19 survey training' and the 'CLS YouTube Channel'. The 'Upcoming training events' section mentions an 'events page' and a 'sign up' link for the mailing list. At the bottom, a 'On this page' section lists three items: '1. Getting started', '2. The cohorts in focus', and '3. Enhanced data in focus'.

CENTRE FOR LONGITUDINAL STUDIES

UCL

COVID-19 Our studies Our research Publications and resources Data access and training

Home Data access and training

## Training and support

Welcome to the CLS training and support page. This page features recordings from past CLS training events, often with accompanying slides. Please use the menu below to navigate. If you're looking for recordings of our COVID-19 survey training, please head to our separate [COVID-19 training page](#). There are also many more training videos to explore on our [CLS YouTube Channel](#).

### Upcoming training events

For upcoming training events, please see our [events page](#). If you would like to hear about future training by email, as well as other CLS news, please [sign up](#) to our mailing list.

On this page: 1. Getting started 2. The cohorts in focus 3. Enhanced data in focus

Q&A to the panel

Please complete the feedback form

# Questions to the panel

## NCDS team

- George Ploubidis, Director of NCDS
  - Matt Brown, Senior Survey Manager
  - Carole Sanchez, Survey Manager NCDS
  - Brian Dodgeon, Research Fellow
- 
- Vanessa Moulton, Senior Researcher and
  - Morag Henderson, Associate Professor

IOE.CLS Data User Support

[clsfeedback@ucl.ac.uk](mailto:clsfeedback@ucl.ac.uk)

Thanks!