

1958 National Child Development Study (NCDS)

Basic Overview

- England, Scotland and Wales
- 1958
- All people born in a single week of 1958

Study Population

- ~17500 at birth, ~8000 at latest sweep (age 63-65)
- Follow-up from birth
- Age 0, 7, 11, 16, 23, 33, 42, 44-45 (biomedical), 46, 50, 55, 63-65 (biomedical, data to be released)

NCDS (1958 cohort) - Domains

Study Design

- Survey mode
 - Mostly face-to-face interview, some mixed mode and online (COVID-19 Surveys)
- Information collected
 - Multidisciplinary. Economics, work history, cognitive function, health, psychosocial...

Biomarkers

- Tissues collected?
 - Blood (venous non-fasting)
- Existing data:
 - Metabolic and inflammatory biomarkers, some metabolomics, some proteomics, genetic/epigenetic data, COVID-19 antibodies
- Future interests:
 - Wearables, dementia biomarkers, new blood collection techniques (e.g., dried blood spots), in depth biomedical data collection on sample of respondents

Additional info

- Anthropometry, cognitive ability (lifecourse), blood pressure (ages 44-45, 63-65) physical functioning (age 63-65).
- Most data can be downloaded for free from the UK Data Service.
- **Blood samples are stored** and applications can be made to derive new biomarkers.
- Linkage to secondary care data through UKLLC.

1970 British Cohort Study (BCS70)

Basic Overview

- England, Scotland and Wales
- 1970
- All people born in a single week of 1970

Study Population

- ~16,500 at birth, ~7500 at latest sweep (age 51-54)
- Follow-up from birth
- Age 0, 5, 10, 16, 26, 30, 34, 38, 42, 46-48 (biomedical), 51-54 (data released March 2025)

BCS70 (1970 cohort) - Domains

Study Design

- Survey mode
 - Mostly face-to-face interview, some mixed mode and online (COVID-19 Surveys)
- Information collected
 - Multidisciplinary. Economics, work history, cognitive function, health, psychosocial...

Biomarkers

- Tissues collected?
 - Blood (venous non-fasting)
- Existing data:
 - Metabolic and inflammatory biomarkers, genetic/epigenetic data, COVID-19 antibodies
- Future interests:
 - Wearables, dementia biomarkers, new blood collection techniques (e.g., dried blood spots), in depth biomedical data collection on sample of respondents

Additional info

- Anthropometry, cognitive ability (lifecourse), accelerometry data, blood pressure (age 46-48).
- Data can be downloaded for free from the UK Data Service.
- **Blood samples are stored** and applications can be made to derive new biomarkers.
- Linkage to secondary care data through UKLLC.