

# National Survey of Health and Development

<https://www.neurodegenerationresearch.eu/survey/national-survey-of-health-and-development/>

## Title of the cohort

National Survey of Health and Development

## Acronym for cohort

NSHD

## Name of Principal Investigator

Title Professor

First name Diana

Last name Kuh

## Address of institution where award is held

Institution MRC Unit of Lifelong Health and Ageing

Street Address 33 Bedford Place

City London

Postcode WC1B 5JU

## Country

United Kingdom

## Website

[www.nshd.mrc.ac.uk/](http://www.nshd.mrc.ac.uk/)

## Contact email

[email protected]

## Funding source

Core funding from Medical Research Council

## 1. The cohort includes, or expects to include, incidence of the following conditions

- Alzheimer's disease and other dementias
- Neurodegenerative disease in general

## When studies on the above condition(s) are expected to become possible

Already possible

## 2a. Stated aim of the cohort

Now, as participants reach retirement, the research team is developing the NSHD into a life course

study of ageing.

**2b. Features distinguishing this cohort from other population cohorts**

**3a. i) Number of publications that involve use of cohort to date**

650

**3a. ii) Up to three examples of studies to date (PI, Institution, Title of Study)**

**3b. Publication list/link to where data or publications are accessible (if available)**

<http://www.nshd.mrc.ac.uk/findings/publications.aspx> <http://www.nshd.mrc.ac.uk/research.aspx>

**3c. Information (i.e. research findings) expected to be gained from the population cohort**

**4a. Study criteria: age range of participants at recruitment**

Age in years from: birth

To ('until death' if applicable): until death

**4b. Study criteria: inclusion criteria**

A sample of 5362 babies of all those born in one week of March 1946

**4c. Study criteria: exclusion criteria**

illegitimate babies

**5. Size of the cohort (i.e. number of participants enrolled)**

5,001 – 10,000 participants

**6a. Measures used to characterise participants**

Participants have been followed up at two and four years between 6 and 31 years there were 15 follow ups research nurses visited study members at 36,43,53 at 43 and 53 cognitive capability tests were included at 53 tests of physical capability were included between 47 and 54 and again at 57 women were sent questionnaires to obtain information about timing of the menopause 60-64 physical and cognitive capability and ageing of cardiovascular and musculoskeletal body systems

**6b. Additional measures for participants with a clinical disorder**

**6c. Are there defined primary and secondary endpoints (e.g. defined health parameters)**

death

**7. Study design**

- Longitudinal

**8. Cases matched by**

- Age

**9a. Does the study include a specialised subset of control participants**

No

**9b. If yes, description of specialised subset of control participants**

**10a. i) Data collection start date**

03-03-1946

**10a. ii) Data collection end date**

03-03-2046

**10a. iii) Data collection for this study is**

- Data analysis ongoing
- Closed to new patients

**10b. Plans to continue the cohort study beyond the current projected end date**

- Yes – intend to apply for funding

**11. Data collected**

- Only through the study
- Through links to medical records
- Through links to other records or registers (such as dental records, police records etc). Please specify
- ONS deaths and cancers, Census 1951,1971,2001

**12. System in place to enable re-contact with patients for future studies**

**13a. Format and availability of data stored in a database**

Yes/No % available

Data summarised in database yes 100

Database is web-based

Database on spreadsheet

Database is on paper

Other (specify)

**Language used:**

**13b. Format and availability of data held as individual records**

Yes/No % available

Data held as individual records

Data is web-based

Data held on computer based records yes 100

Data held on cards

Other (specify)

**Language used:**

**14a. Are data available to other groups**

Yes

**14b. Access policy/mechanisms for access if data are available to other groups**

- Access Committee mechanism

**15. Data sharing policy specified as a condition of use**

Data made publicly available after a specified time point

**16a. Are tissues/samples/DNA available to other groups**

Yes

**16b. i) Description of available tissues/samples/DNA**

- Living donors: blood
- Living donors: DNA

**16b. ii) Form available tissues/samples/DNA are supplied in**

- Primary Samples: Stabilised samples (frozen or fixed)
- Secondary samples: plasma
- Secondary samples: cell lines derived from primary samples
- Composite samples: chip for a particular ND condition

**16b. iii) Is the access policy/mechanism for obtaining samples the same as that for obtaining data**

Yes

**17. Is information on biological characteristics available to other groups**

Yes, for all the cohort