

# Hertfordshire Birth Cohort

<https://neurodegenerationresearch.eu/cohort/hertfordshire-birth-cohort/>

## Cohort Acronym

HBC

## Cohort type

General population-based cohort

## Disease

## Participant type

No diagnosis

## Profile

Recruitment Period 1998-2003

Sample size at start or planned sample size if still recruiting 1750

Estimated Current Sample Size 1 to 4,999

Age at Recruitment 59-73

Gender Male and Female

Abstract

The Hertfordshire Cohort Study comprises a nationally unique study of 3000 men and women born during the period 1931-1939 and still resident in the English county of Hertfordshire. Information available on these individuals includes birthweight (recorded by the attending midwife), weight at age one year (recorded by a health visitor), the method of infant feeding, and details of childhood illnesses up to age five years. Follow-up of individuals began in 1990 and medical and social histories have been ascertained, as well as detailed anthropometry, blood pressure, glucose tolerance, fasting serum cholesterol and triglycerides, bone density and physical performance. DNA on all participants has been collected and is stored in the MRC Lifecourse Epidemiology Unit, University of Southampton, UK.

The entire cohort is being followed up through primary care and hospital records for clinical outcomes including incident coronary heart disease, cerebrovascular disease, chronic airflow obstruction and fracture. The cohort members are flagged with NHS Digital for notification of deaths.

HCS is part of CLOSER (Cohort & Longitudinal Studies Enhancement Resources) which aims to maximise the use, value and impact of the UK's longitudinal studies.

*Last update: 31/01/2017*

Country United Kingdom

## Contact details

Institution name University of Southampton

Website <http://www.mrc.soton.ac.uk/cohorts/hertfordshire/><http://www.mrc.soton.ac.uk/herts/>

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## Variables Collected

### Brain related measures:

Behaviour, Cognitive function, Mental health, Neurological

### Functional rating:

Individual physiological

### Anthropometric:

Blood pressure, Height, Waist circumference, Weight

### Physical:

Cardiovascular, Musculoskeletal, Respiratory

### Biological samples:

Blood, Other, Urine

### Genotyping:

Gene screening

### Brain imaging:

N/A

### Brain banking:

N/A

### Lifestyle:

Alcohol, Dietary habits, Physical activity, Smoking

### Socio-economic:

Education, Ethnic group, Family circumstances, Housing and accommodation, Informal support, Marital status, Occupation and employment

### Health service utilisation:

Formal health and social care service utilisation including private care