

Northern Finland Birth Cohort Studies

<https://neurodegenerationresearch.eu/sq/cohort/northern-finland-birth-cohort-studies/>

Cohort Acronym

NFBC1966 and NFBC1987

Cohort type

General population-based cohort

Disease

Participant type

No diagnosis

Profile

Recruitment Period NFBC1966: 1965-66|NFBC1987: 1985-86

Sample size at start or planned sample size if still recruiting NFBC1966: 11,993 mothers/11,907 children NFBC1986: 9,098 mothers/9,421 children

Estimated Current Sample Size 10,000 to 19,999|20,000 to 49,999

Age at Recruitment >0

Gender Male and Female

Abstract

The Northern Finland Birth Cohort Studies is an epidemiological and longitudinal research program which aims to promote health and well-being of the population. The prospective data collected from the Northern Finland forms a unique resource, allowing to study the emergence of diseases which can be based on genetic, biological, social or behavioural risk factors.

NFBC includes two longitudinal and prospective birth cohorts of women and offspring collected at 20-year intervals from the same provinces of Oulu and Lapland: The NFBC1966 was set with an expected date of birth in 1966, comprising of 12,068 mothers and 12,231 children (prospective data collection from maternity cards since 16th gestational week on average), and the NFBC1986 with an expected date of birth between July, 1st 1985 and June, 30th 1986, comprising 9,362 mothers and 9,479 children (prospective data collection from 10th gestational week).

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Country Finland

Contact details

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Variables Collected

Brain related measures:

Behaviour, Cognitive function, Mental health, Neurological

Functional rating:

Caregiver

Anthropometric:

Blood pressure, Height, Hip circumference, Waist circumference, Weight

Physical:

Cardiovascular, Hearing and Vision, Musculoskeletal, Reproductive, Respiratory

Biological samples:

Blood, Cerebral spinal fluid (CSF), CSF biomarker data available, Microbiome, Other, Saliva, Urine

Genotyping:

Gene screening

Brain imaging:

Magnetic resonance imaging (MRI)

Brain banking:

N/A

Lifestyle:

Alcohol, Dietary habits, Physical activity, Smoking

Socio-economic:

Education, Family circumstances, Housing and accommodation, Income and finances, Marital status, Occupation and employment

Health service utilisation:

Formal health and social care service utilisation including private care