

EpiHealth

SND-ID: ext0087-1.

Is part of collection at SND: [Swedish Cohort Consortium \(Cohorts.se\)](#), [Scania Metadatabase for Epidemiology \(SME\)](#)

Associated documentation

EpiHealth - enkät.pdf (758.28 KB)

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Research principal

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Description

The study consists of three parts:

- 1) Collection of data on lifestyle factors by a self-administered web-based questionnaire
- 2) Visit to a test center for collection of blood samples and recording of physiological parameters
- 3) The population is followed in registers for occurrence of predefined endpoints.

Repeated collection of data by means of web-based questionnaires and visits to test centers is planned for every 5th and 10th year, respectively, following the baseline investigation.

The study was approved by The Swedish Data Inspection Board (No. 307-2011).

Purpose:

The primary objectives of the EpiHealth study is to provide a resource to study interactions between genotypes and lifestyle factors in a large cohort (aim is 300,000 individuals) derived from the Swedish population in the age range 45-75 years regarding development of common degenerative disorders.

The study is planned to screen 300,000 individuals in Sweden with an age between 45 and 75 years. The data collection is ongoing and takes place via EpiHealth Test Centre in Uppsala and Malmö. In 2011 a pilot study was carried out, including the first 1000 subjects. In April 2015, 20,000 subjects were included.

Unit of analysis

[Individual](#)

Population

Swedish women and men between the ages of 45 and 75 years old.

Time Method

[Longitudinal: Cohort/Event-based](#)

Sampling procedure

[Probability](#)

The sample for the study is based on a random sampling from the population register among individuals between aged 45-75 years. A randomization procedure will assure that all age groups and both genders are equally represented. Inclusion criteria are age 45-75 years, a permanent address in Sweden and a Swedish civic registration number.

Time period(s) investigated

2011 – Ongoing

Biobank is connected to the study

Yes

Number of individuals/objects

20000

Data format / data structure

[Numeric](#)

Data collection 1

- Mode of collection: Web-based interview
- Time period(s) for data collection: 2011-ongoing
- Source of the data: Registers/Records/Accounts: Medical/Clinical, Population group, Registers/Records/Accounts

Data collection 2

- Mode of collection: Physical measurements and tests
- Time period(s) for data collection: 2011-ongoing
- Source of the data: Registers/Records/Accounts: Medical/Clinical, Population group, Registers/Records/Accounts

Data collection 3

- Time period(s) for data collection: 2011-ongoing
- Source of the data: Registers/Records/Accounts: Medical/Clinical, Population group,

Registers/Records/Accounts

Geographic spread

Geographic description: Initial two test centers: Malmö and Uppsala

Ethics Review

Uppsala - Ref. 2010/402

Research area

[Medical and health sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Clinical medicine](#) (Standard för svensk indelning av forskningsämnen 2011)

[Public health, global health, social medicine and epidemiology](#) (Standard för svensk indelning av forskningsämnen 2011)

[Health](#) (CESSDA Topic Classification)

Keywords

[Quality of life](#), [Drinking behaviour](#), [Diseases](#), [Smoking](#), [Physical activities](#), [Pain](#), [Sleep](#), [Education](#), [Obesity](#), [Public health](#), [Medical history](#), [Reproduction \(biological\)](#), [Passive smoking](#), [Blood pressure](#), [Epidemiologic studies](#), [Cohort studies](#), [Memory](#), [Population surveillance](#), [Socioeconomic factors](#), [Risk factors](#), [Diet](#), [Respiratory function tests](#), [Noise](#), [Surveys and questionnaires](#), [Cholesterol](#), [Dietary supplements](#), [Drug utilization](#), [Registries](#), [Tobacco, smokeless](#), [Fertility \(human\)](#), [Housing conditions](#), [Working conditions](#), [Injuries](#), [Feeding behavior](#), [Height \(physiology\)](#), [Weight \(physiology\)](#), [Work environment](#), [Cohorts.se](#), [Swedish cohort consortium \(scc\)](#), [Epihealth](#), [Scania](#), [Epihealth_skåne](#)

Publications

Lind L, Elmståhl S, Bergman E, Englund M, Lindberg E, Michaelsson K, Nilsson PM, Sundström J. EpiHealth: a large population-based cohort study for investigation of gene-lifestyle interactions in the pathogenesis of common diseases. *European Journal of Epidemiology*, 2013 Feb;28(2):189-97

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Accessibility level

Access to data through an external actor

Access to data is restricted

Homepage

[EpiHealth](#)

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Related research data in SND's catalogue

[LifeGene](#)

Is part of collection at SND

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[Scania Metadatabase for Epidemiology \(SME\)](#)

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