# H70, cohort 5: 70-year-olds born in 1922

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# **Creator/Principal investigator(s)**

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# Research principal

University of Gothenburg - Institute of Neuroscience and Physiology

## **Description**

H70 is one of the longitudinal population studies from Gothenburg where representative study samples of older people have been followed over a long period of time (metadata related to the H85, 95+ and Prospective Population Study of Women studies can be found under the Related studies tab). H70 is a population-based study of normative aging in 70 year old populations which focuses on both medical and cognitive measures. H70 started in 1971 with the recruitment of 973 70-year-olds born in 1901-02 and participants have been intermittently followed for up to 30 years. Additional birth cohorts of 70-year-olds as well as 75-year-olds have also been studied and all cohorts have been followed to some extent longitudinally. The H70 study is coordinated by several research groups, primarily Geriatrics, Primary Health Care, Psychiatry, and Epidemiology.

The examination procedures at each study have been retained as identical as possible to provide results that can be compared over time. The study comprises a psychiatric interview, physical examination, a close informant interview, blood samples with extensive laboratory analysis and psychological tests. It also includes collecting data related to socioeconomic status, marital status, living conditions, housing situation, education, religion, hobbies and life events. Neurobiological investigations in the form of computed tomography (CT) and magnetic resonance imaging (MRI) of the brain and spinal puncture and analysis of brain-spinal fluid are also carried out. Register data from all the major hospitals, geriatric and psychiatric institutions and outpatient clinics in Gothenburg is evaluated to find cases of psychological and somatic diseases. Dementia, depression, psychotic disorders, sleep disorders, anxiety disorders, and post-traumatic stress disorder (PTSD) are diagnosed according to DSM-III-R and DSM-IV. Somatic diseases are classified according to established criteria.

# Purpose:

The original aim was:

- 1. To contribute to the knowledge of normal ageing processes and of normal conditions within the age group
- 2. To make a survey of the social and medical conditions of the population.
- 3. To obtain basic data for planning the care of the elderly and
- 4. To offer the subjects a thorough medical examination

In 1992 another cohort aged 70 was included in H70. At the 1992-93 baseline examination 500 individuals participated (201 men and 299 women), representing a response rate of 66% in total. Participants were followed up at age 78, 83, and 87. The study surveys have been conducted in 1992, 2000, 2005 and 2009.

#### Data contains personal data

# **Unit of analysis**

Individual

## **Population**

The population originally consisted of a representative sample of 70-year-old men and women born in 1901/1902 and living in Gothenburg 1971/1972.

#### **Time Method**

Longitudinal: Cohort/Event-based

## Sampling procedure

Probability: Systematic random

The study participants were mainly drawn as a representative, systematic sample from the population register.

# Time period(s) investigated

1992 - Ongoing

#### Data format / data structure

Numeric

#### **Data collection 1**

• Instrument: (Structured guestionnaire)

# **Geographic spread**

Geographic location: <u>Sweden</u>

Geographic description: Gothenburg

## Lowest geographic unit

Municipality

# Responsible department/unit

Institute of Neuroscience and Physiology

## Research area

**Elderly** (CESSDA Topic Classification)

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

Geriatrics (Standard för svensk indelning av forskningsämnen 2011)

<u>Gerontology, specialising in medical and health sciences</u> (Standard för svensk indelning av forskningsämnen 2011)

Health (CESSDA Topic Classification)

## **Keywords**

Weight (physiology), Care of the elderly, Aged, Ageing, Health, Old age, Housing for the elderly,

Human behaviour, Quality of life, Medical care, Ill health, Medicinal drugs, Diseases, Dental health, Smoking, Physical mobility, Sexual behavior, Life events, Symptoms, Cardiovascular diseases, Nutritional and metabolic diseases, Cancer, Bacterial and virus diseases, Public health, Oral health, Mental health, Sexual health, Medical history, Genetic disorders, Haematologic diseases, Skin diseases, Endocrine disorders, Congenital disorders, Musculoskeletal diseases, Eye diseases, Ear diseases, Anthropometric data, Respiratory system, Haematologic system, Cardiovascular system, Immune system, Psychology, Activities of daily living, Accidental falls, Physical examination, Epidemiologic methods, Body constitution, Visual perception, Dementia, Tooth diseases, Hearing, Psychiatry, Geriatric psychiatry, Life style, Geriatrics, Geriatric nursing, Memory, Longitudinal studies, Motor activity, Exercise, Psychological tests, Socioeconomic factors, Sexuality, Survival, Thyroid diseases, Risk factors, Mortality, Neoplasms, Ear diseases, Respiratory system, Public health, Physical fitness, Cardiovascular diseases, Oral health, Mental health, Disease, Social conditions, Social support, Quality of life, Chronic disease, Injuries, Cognition disorders, Sensory impairments, Ageing population, Social care, Bereavement, Public health risks, Height (physiology), Exercise (physical activity), Neartowards a national e-infrastructure for aging research in sweden

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## **Accessibility level**

Access to data through an external actor Access to data is restricted

## **Homepage**

The study homepage

# Contact for questions about the data

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#### Related research data in SND's catalogue

Prospective Population Study of Women in Göteborg (PPSW) - 1968

Prospective Population Study of Women in Göteborg (PPSW) - 1974

H70, cohort 1: 70-year-olds born in 1901/02

H70, cohort 2: 70-year-olds born in 1906/07

H70, cohort 3: 70-year-olds born in 1911/12

H70, cohort 4: 75-year-olds born in 1915/16

H70, kohort 6: 70-year-olds born in 1930

H85, kohort 1: 85-year-olds born in 1901/02

H70, cohort 7: 70-year-olds born in 1944

H85, kohort 2: 85-year-olds born in 1923/24

H85, kohort 3: 85-year-olds born in 1930

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