

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

SND-ID: snd0009-2.

Is part of collection at SND: [Swedish Cohort Consortium \(Cohorts.se\)](#), [Swedish Diet Cohort Consortium \(SDCC\)](#)

Alternative title

Kvinnostudien

Creator/Principal investigator(s)

[Cecilia Björkelund](#) - University of Gothenburg, School of Public Health and Community Medicine

Lauren Lissner - University of Gothenburg, School of Public Health and Community Medicine

Calle Bengtsson - University of Gothenburg, School of Public Health and Community Medicine

Tore Hällström - University of Gothenburg, Institute of Neuroscience and Physiology

Margareta Ahlqwist - University of Gothenburg, Institution of odontology

Research principal

[University of Gothenburg](#) - School of Public Health and Community Medicine

Description

The population study of women in Gothenburg is a population study based at the University of Gothenburg. The study started as a cross-sectional study in 1968 including 1462 women aged 38, 46, 50 and 60 years. The participants have after that been followed-up with regular examinations in 1974-75, 1980-81, 1992-1993, 2000-2001, 2004-2005, 2009-2010 and 2016-2017. In addition, new participants have been included. During the examinations 2004-2005 and 2016-2017, only women 38 and 50 years old were invited to participate with the purpose of enabling comparison of these age cohorts. The study comprises physical and mental disease as well as health, social and psychological circumstances and data regarding food and dental health. To study determinants among middle age women that have importance for the development of cardiovascular disease, diabetes, cancer, dementia and other mental illness in high age is possible because of the long running follow-ups, high participant rates, and thorough mapping of non-participants and data regarding morbidity and mortality. The study covers both longitudinal trends (change in individuals over time) and secular trends (changes in the population over time). This implies the possibility to study e.g. whether the increased consumption of oestrogenic hormones and new antidepressive agents in the population has influenced the occurrence of cardiovascular disease, dementia, depression and the proportion that are under treatment. The long-running follow-up has also made it possible to study the long term prognosis for these diseases and whether the risk for prolonged illness increases with older age. In addition, women from different birth cohorts are examined at certain ages to investigate secular trends in health related variables, such as obesity and dental health. The questionnaires have been changed as little as possible between each survey.

Data from 1968 and 1974 are available from SND. The population study of women in Gothenburg collaborates with the H70 study which started in 1971, a cross-sectional study of men and women in Gothenburg aged 70 years. It is coordinated by several researcher groups, especially the groups handling general medicine, epidemiology, psychiatry and geriatrics. When the participants turned 70 years old, they were invited to participate in the H70 study (1992, 2000), and a follow-up examination

of 75 years old participants 2005-2006.

Purpose:

The purpose of this study was initially to investigate anemia and health factors related to menopause, but has later also included examination of determinants among middle age women that have importance for the development of cardiovascular disease, diabetes, cancer, dementia and other mental illness in high age.

Data contains personal data

Yes

Sensitive personal data

Yes

Type of personal data

Health data

Code key exists

Yes

Language

[English](#)

[Swedish](#)

Unit of analysis

[Individual](#)

Population

Representative sample of women living in Gothenburg aged 38, 46, 50, 54 and 60 years.

Time Method

[Longitudinal: Trend/Repeated cross-section](#)

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

Study design

Cohort study: Prospective

Sampling procedure

[Probability: Systematic random](#)

Systematic sample based on birth date.

In 1968-1969, a representative sample of 1622 women living in Gothenburg, Sweden, was invited to a free health examination. A total of 1462 women, aged 38, 46, 50, 54, and 60 (90.1%), accepted the invitation and participated in the Prospective Population Study of Women in Gothenburg (PSWG)

In 1980-1981 a follow-up examination was conducted (participation rate 78.9%). Two new age groups,

aged 26 and 38 in 1980-1981, were recruited, with the purpose of conducting cross-sectional comparisons over time. Also, women born in 1930, who moved to Gothenburg between 1969 and 1980 and belonged to the same date of birth as the original cohort, were invited to the 1980-1981 examination, which implied that 50-, 38- and 26-year-old women examined in 1980-1981 were representative of the female population in Gothenburg in 1980-1981. Follow-up examinations were also conducted in 1992-1993 (participation rate 70.1%), when two of the cohorts were 38 or 50.

Further follow-up examinations were made in 2004-2005 and 2009-2010.

Time period(s) investigated

1968 - Ongoing

Variables

760

Number of individuals/objects

1302

Response rate/participation rate

89%

Data format / data structure

[Numeric](#)

Data collection 1

- Mode of collection: Face-to-face interview
- Time period(s) for data collection: 1974 - 1975
- Source of the data: Population group, Biological samples

Data collection 2

- Mode of collection: Self-administered questionnaire: paper
- Time period(s) for data collection: 1974 - 1975
- Source of the data: Population group, Biological samples

Data collection 3

- Mode of collection: Physical measurements and tests
- Time period(s) for data collection: 1974 - 1975
- Source of the data: Population group, Biological samples

Geographic spread

Geographic location: [Göteborg Municipality](#)

Geographic description: Gothenburg

Lowest geographic unit

Municipality

Highest geographic unit

Municipality

Responsible department/unit

School of Public Health and Community Medicine

Research area

[Medical and health sciences](#) (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

[Aged](#), [Health](#), [Ill health](#), [Cardiovascular diseases](#), [Cancer](#), [Public health](#), [Mental health](#), [Psychology](#), [Epidemiologic studies](#), [Cohort studies](#), [Dementia](#), [Tooth diseases](#), [Psychiatry](#), [Life style](#), [Longitudinal studies](#), [Population surveillance](#), [Psychological tests](#), [Socioeconomic factors](#), [Survival](#), [Antidepressive agents](#), [Anemia](#), [Estrogens](#), [Menopause](#), [Risk factors](#), [Women's health](#), [Middle aged](#), [Women](#), [Overweight](#), [Waist-hip ratio](#), [Stroke](#), [Depression](#), [Diabetes](#), [Cohorts.se](#), [Swedish diet cohort consortium \(sdcc\)](#), [Sdcc](#), [Swedish cohort consortium \(scc\)](#)

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Contacts for questions about the data

Cecilia Björkelund

cecilia.bjorkelund@allmed.gu.se

Lauren Lissner

lauren.lissner@gu.se

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