

The Cohort of Swedish Men Clinical Subcohorts (COSM Clinical Subcohorts) - COSM Clinical Subcohort visit 1 Västerås (2010-2019)

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Citation

<https://www.simpler4health.se/researchers/publication-policy/>

Creator/Principal investigator(s)

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Description

A clinical examination of a subgroup of men in the Cohort of Swedish Men living in Västerås and Örebro between 2010 and 2019. A re-examination is planned, but is pending although the aim is to start during 2022. In connection to the clinical visit the participants have filled in health and lifestyle questionnaires, and blood, urine, faeces and adipose tissue has been collected at the visit together with functional tests (e.g. memory test, gait speed and muscle strength) and biometric measures (height, weight, body composition).

For more detailed information please visit the SIMPLER website, <https://www.simpler4health.se/researchers/cohorts/>.

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Sampling of a clinical subcohort of Cohort of Swedish Men started in year 2010. To begin with men who were over age 75 years and living in Västerås received an invitation letter to participate in a validated cognitive phone interview. The invitation also included a food frequency questionnaire and a one-day food diary. If they participated in the cognitive phone interview they were invited to participate in a health examination and fill out the food questionnaire and food diary. Participation in the cognitive phone interview was over 83%. The health examination included measurement of weight, height, waist, hip, and blood pressure, and body composition measurement using a bio-electrical impedance scale. Samples of fasting blood, urine, faeces and adipose tissue were also collected at the health exam.

When all men over age 75 years had been invited, additional men in the Cohort of Swedish Men living in Västerås County were invited starting with the earliest birth year. Besides an invitation to participate in a health examination the letter also included diet, health and lifestyle questionnaires and a one-day food diary. The health examination included weight, height, waist, hip, blood pressure measurement and body composition measurement using a bio-electrical impedance scale, and samples of fasting blood, urine, faeces and adipose tissue were collected. Data collection ended in

2019.

In total 4,754 men participated in the health exam of which 1,062 of the men were at the time for examination married to or lived together with a woman in the Swedish Mammography clinical subcohort Västerås.

Data contains personal data

Yes

Sensitive personal data

Yes

Type of personal data

health data

Code key exists

Yes

Language

[English](#)

Population

Men born 1918-1952 in Örebro and Västmanland counties.

Study design

Observational study

Cohort study

Description of study design

Longitudinal cohort study

Time period(s) investigated

2010 - 2019

Biobank is connected to the study

The study has collected samples/material which are stored in a scientific collection or biobank

Scientific collection or biobank name: Uppsala biobank/SIMPLER

Type(s) of sample: blood, urine, faeces, adipose, DNA

Variables

4000

Number of individuals/objects

4754

Data format / data structure

[Numeric](#)

Geographic spread

Geographic location: [Sweden](#)

Geographic description: Örebro och Västmanland counties, Sweden.

Lowest geographic unit

Municipality

Highest geographic unit

Country

Responsible department/unit

Department of surgical science

Ethics Review

Uppsala - Ref. 2017/222

Research area

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

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

[Cancer and oncology](#) (Standard för svensk indelning av forskningsämnen 2011)

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

[General practice](#) (Standard för svensk indelning av forskningsämnen 2011)

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

[Nutrition and dietetics](#) (Standard för svensk indelning av forskningsämnen 2011)

Keywords

[Anthropometry](#), [Cohort studies](#), [Hearing](#), [Life style](#), [Follow-up studies](#), [Heart failure](#), [Longitudinal studies](#), [Prospective studies](#), [Exercise](#), [Population surveillance](#), [Survival](#), [Tinnitus](#), [Arthritis. rheumatoid](#), [Drug therapy](#), [Risk factors](#), [Myocardial infarction](#), [Stroke](#), [Diet](#), [Alcohol drinking](#), [Medical history taking](#), [Work](#), [Asthma](#), [Fractures, bone](#), [Thrombosis](#), [Bronchitis, chronic](#), [Crohn disease](#), [Diabetes mellitus](#), [Cause of death](#), [Eczema](#), [Obesity](#), [Leisure activities](#), [Intermittent claudication](#), [Gallstones](#), [Cataract](#), [Glaucoma](#), [Dermatitis, atopic](#), [Health](#), [Health status](#), [Hypertension](#), [Irritable bowel syndrome](#), [Dietary supplements](#), [Pulmonary disease, chronic obstructive](#), [Body height](#), [Body weight](#), [Angina pectoris](#), [Arthralgia](#), [Lung neoplasms](#), [Drug utilization](#), [Gastritis](#), [Migraine disorders](#), [Environmental medicine](#), [Multiple sclerosis](#), [Oral health](#), [Depression](#), [Kidney calculi](#), [Kidney neoplasms](#), [Parkinson disease](#), [Psoriasis](#), [Registries](#), [Rhinitis, allergic, seasonal](#), [Smoking](#), [Disease](#), [Social support](#), [Stress, psychological](#), [Vision, ocular](#), [Sleep](#), [Colonic neoplasms](#), [Colitis, ulcerative](#), [Vitamins](#), [Vertigo](#), [Heredity](#), [Hypersensitivity](#), [Cholestenes](#), [Swedish cohort consortium \(scc\)](#), [Cohorts.se](#), [Near - national e-infrastructure for aging research](#)

Publications

Link to publication list:

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If you have published anything based on these data, [please notify us](#) with a reference to your publication(s). If you are responsible for the catalogue entry, you can update the metadata/data description in DORIS.

Accessibility level

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

Homepage

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[Cohorts and biorepository](#)

[NEAR platform - COSM](#)

Contact for questions about the data

SIMPLER

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Related research data in SND's catalogue

[The Cohort of Swedish Men \(COSM\) - The Cohort of Swedish Men, COSM 1997](#)

[The Swedish Mammography Cohort \(SMC\) 1987](#)

[The Swedish Mammography Cohort \(SMC\) 1997](#)

[The Swedish Mammography Cohort \(SMC\) 2008 health](#)

[The Swedish Mammography Cohort \(SMC\) 2009 lifestyle](#)

[The Cohort of Swedish Men \(COSM\) - The Cohort of Swedish Men, COSM 2008 health](#)

[The Cohort of Swedish Men \(COSM\) - The Cohort of Swedish Men, COSM 2009 lifestyle](#)

[The Swedish Mammography Cohort \(SMC\) 2019 lifestyle](#)

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[The Cohort of Swedish Men \(COSM\) - The Cohort of Swedish Men, COSM 2019 health](#)

[The Cohort of Swedish Men \(COSM\) - The Cohort of Swedish Men, COSM 2019 lifestyle](#)

[The Swedish Mammography Cohort Clinical Subcohorts \(SMC Clinical Subcohorts\) - SMC Clinical Subcohort visit 1 Uppsala \(2003-2009\)](#)

[The Swedish Mammography Cohort Clinical Subcohorts \(SMC Clinical Subcohorts\) - SMC Clinical Subcohort visit 2 Uppsala \(2015--\)](#)

[The Swedish Mammography Cohort Clinical Subcohorts \(SMC Clinical Subcohorts\) - SMC Clinical Subcohort visit 1 Västerås \(2010-2019\)](#)

[The Cohort of Swedish Men Clinical Subcohorts \(COSM Clinical Subcohorts\) - COSM Clinical Subcohort Örebro \(2014--\)](#)

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