

The MONICA survey in Gothenburg 1990

SND-ID: snd0013-2.

Is part of collection at SND: [Swedish Cohort Consortium \(Cohorts.se\)](http://Cohorts.se)

Creator/Principal investigator(s)

Annika Rosengren - University of Gothenburg, Department of Emergency and Cardiovascular Medicine
Lars Wilhelmsen - University of Gothenburg, Department of Emergency and Cardiovascular Medicine

Research principal

University of Gothenburg - Department of Emergency and Cardiovascular Medicine

Description

The MONICA study is a WHO supported international multicenter study of risk factors for cardiovascular disease (Multinational MONitoring of trends and determinants in Cardiovascular disease), involving 38 populations in 21 different countries on four continents.

The study started in the beginning of the 1980s. The background was that younger persons have low risk factor levels (overweight, high blood pressure, high serum cholesterol), but the levels are increasing in higher ages. Several mechanisms are probably reasons for this. In Gothenburg a total of 4500 men and women were examined within the MONICA project in the ages 25-65. The surveys took place in 1985, 1990 and 1995.

Purpose:

To measure the trends in cardiovascular mortality and coronary heart disease and stroke morbidity and to assess the extent to which these trends are related to changes in known risk factors, daily living habits, health care, or major socioeconomic features measured at the same time in defined communities in different countries.

Data contains personal data

No

Language

[Swedish](#)

Unit of analysis

[Individual](#)

Population

Women and men 25-64 years

Time Method

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

Sampling procedure

[Probability: Stratified](#)

Time period(s) investigated

1985 – 1995

Variables

327

Number of individuals/objects

1574

Response rate/participation rate

68%

Data format / data structure

[Numeric](#)

Data collection 1

- Mode of collection: Physical measurements and tests
- Time period(s) for data collection: 1990-01 – 1990-12
- Source of the data: Population group, Biological samples

Data collection 2

- Mode of collection: Self-administered questionnaire
- Time period(s) for data collection: 1990-01 – 1990-12
- Source of the data: Population group, Biological samples

Geographic spread

Geographic location: [Sweden](#)

Geographic description: The municipality of Gothenburg

Lowest geographic unit

Municipality

Responsible department/unit

Department of Emergency and Cardiovascular Medicine

Research area

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

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

[Cardiac and cardiovascular systems](#) (Standard för svensk indelning av forskningsämnen 2011)

[Health](#) (CESSDA Topic Classification)

Keywords

[Physical examination](#), [Body composition](#), [Dyspnea](#), [Electrocardiography](#), [Heart failure](#), [Longitudinal studies](#), [Exercise](#), [Population surveillance](#), [Radiography](#), [Socioeconomic factors](#), [Anemia](#), [Glucose tolerance test](#), [Arthritis, rheumatoid](#), [Hormone replacement therapy](#), [Risk factors](#), [Middle aged](#), [Overweight](#), [Waist-hip ratio](#), [Mortality](#), [Myocardial infarction](#), [Myocardial ischemia](#), [Neoplasms](#), [Stroke](#),

[Diet](#), [Alcohol drinking](#), [Medical history taking](#), [Blood glucose](#), [Bronchitis, chronic](#), [Diabetes mellitus](#), [Epidemiology](#), [Obesity](#), [Cardiovascular diseases](#), [Health](#), [Hypertension](#), [Insulin](#), [Coffee](#), [Cholesterol](#), [Coronary disease](#), [Body height](#), [Posture](#), [Body weight](#), [Angina pectoris](#), [Mental health](#), [Smoking](#), [Disease](#), [Morbidity](#), [Delivery of health care](#), [Triglycerides](#), [Occupational exposure](#), [Heredity](#), [Swedish cohort consortium \(scc\)](#), [Cohorts.se](#)

Publications

Rosengren A, Dotevall A, Eriksson H, Wilhelmsen L. Optimal risk factors in the population: prognosis, prevalence, and secular trends; data from Goteborg population studies. Eur Heart J 2001;22:136-44.

Tunstall-Pedoe H, Kuulasmaa K, Amouyel P, Arveiler D, Rajakangas AM, Pajak A. Myocardial infarction and coronary deaths in the World Health Organization MONICA Project. Registration procedures, event rates, and case-fatality rates in 38 populations from 21 countries in four continents. Circulation. 1994 Jul;90(1):583-612.

Thorvaldsen P, Asplund K, Kuulasmaa K, Rajakangas AM, Schroll M. Stroke incidence, case fatality, and mortality in the WHO MONICA project. World Health Organization Monitoring Trends and Determinants in Cardiovascular Disease. Stroke. 1995 Mar;26(3):361-7.

Johansson S, Wilhelmsen L, Welin C, Eriksson H, Welin L, Rosengren A. Obesity, smoking and secular trends in cardiovascular risk factors in middle-aged women: data from population studies in Göteborg from 1980 to 2003. J Intern Med. 2010 Dec;268(6):594-603

Wilhelmsen L, Johansson S, Rosengren A, Wallin I, Dotevall A, Lappas G. Risk factors for cardiovascular disease during the period 1985-1995 in Göteborg, Sweden. The GOT-MONICA Project. J Intern Med. 1997 Sep;242(3):199-211.

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

Contact for questions about the data

Annika Rosengren

annika.rosengren@hjl.gu.se

Related research data in SND's catalogue

[50-year-olds in Gothenburg - Study of men born in 1933, 1983 study](#)

[50-year-olds in Gothenburg - Study of men born in 1913](#)

[The primary prevention study 1970-1973](#)

[50-year-olds in Gothenburg - Study of men born in 1923](#)

[50-year-olds in Gothenburg - Study of men born in 1933](#)

[50-year-olds in Gothenburg - Study of Sons to Men born in 1913](#)

[50-year-olds in Gothenburg - Study of men born in 1943](#)

[50-year-olds in Gothenburg - Study of men born in 1953](#)
[50-year-olds in Gothenburg - Study of men born in 1933, 1991 study](#)
[The BEDA survey 1980](#)
[BEDA-survey 1997](#)
[The MONICA survey in Gothenburg 1985](#)
[The MONICA survey in Gothenburg 1995](#)
[50-year-olds in Gothenburg - Study of women born in 1953](#)
[50-year-olds in Gothenburg - Study of men born in 1913, 1963 study](#)
[50-year-olds in Gothenburg - Study of men born in 1913, 1967 study](#)
[50-year-olds in Gothenburg - Study of men born in 1913 and their sons and men born in 1923, 1973 study](#)
[50-year-olds in Gothenburg - Study of men born in 1913 and men born in 1923, 1988 study](#)
[50-year-olds in Gothenburg - Study of men born in 1913 and their sons, and men born in 1923 and 1943, 1993 study](#)
[50-year-olds in Gothenburg - Study of Men born in 1943 and Men and Women born in 1953, 2004 survey](#)
[50-year-olds in Gothenburg - Study of men born in 1913 and men born in 1923, 1980 study](#)
[The primary prevention study 1974-1977](#)
[The primary prevention study 1980-1983](#)
[The Northern Sweden MONICA Study 1986](#)
[The Northern Sweden MONICA Study 1990](#)
[The Northern Sweden MONICA Study 1994](#)
[The Northern Sweden MONICA Study 1999](#)
[The Northern Sweden MONICA Study 2004](#)
[The Northern Sweden MONICA Study 2009](#)
[The Northern Sweden MONICA Study: Myocardial Infarction Registry](#)
[The Northern Sweden MONICA Study: Stroke Registry](#)
[The Northern Sweden MONICA Study 2014](#)

Is part of collection at SND

[Swedish Cohort Consortium \(Cohorts.se\)](#)

Download metadata

[DataCite](#)

[DDI 2.5](#)

[DDI 3.3](#)

[DCAT-AP-SE 2.0](#)

[JSON-LD](#)

[PDF](#)

[Citation \(CLS\)](#)