

The Swedish National study on Aging and Care in Kungsholmen (SNAC-K) - Care system part (2004-2020)

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Alternative title

SNAC-K

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Research principal

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Description

The national study SNAC - The Swedish National Study on Aging and Care, includes four participating areas: SNAC-Blekinge, SNAC Kungsholmen, SNAC Nordanstig and SNAC Skåne (GÅS). In all four areas, a research centre conducts a population study and a health care system study. (Metadata related to the main study SNAC and the other participating areas can be found under the Related studies tab).

SNAC-K Kungsholmen

SNAC-K is conducted by the Stockholm Gerontology Research Center in collaboration with Aging Research Center (ARC), Karolinska Institutet.

SNAC-K population study:

The population study consists of a clinical examination of persons over 60 years, who live in the area of Kungsholmen/Essingeöarna. The baseline data collection includes information on present status and past events. The information has been collected through interviews, clinical examinations, and testing. All staff (nurses, psychologists, and physicians) has been trained for data collection. Each subject has been examined for six hours on average; two hours for the social interview and the assessment of physical functioning (performed by a nurse); two hours for clinical examination, including geriatric, neurological and psychiatric assessment (performed by a physician); and two hours for cognitive assessment (performed by a psychologist).

SNAC-K care system study:

The care system data collection consists of continuous recording of the provision of public eldercare for persons over 65 years. For 2004-2020, data comprise all recipients of municipal eldercare in the district of Kungsholmen. Starting in 2015, data comprise all recipients of municipal eldercare in the whole municipality of Stockholm. Data are based on individual assessments made by the municipal need assessors for each decision regarding the provision of eldercare services. Data include information about the type and amount of care and services granted, as well as information on need indicators (e.g., disability, physical function, cognitive impairment, mental health, living situation, housing). For specific research questions, data from the care system study can be complemented with

register data on health care consumption provided by the Region of Stockholm (VAL-databas). The care system perspective and the population perspective are joined through those elderly persons who participate in both parts of the study.

Purpose:

Population study: The purpose is to study the transition from normal aging to morbidity and impaired functional ability by identify how social and biological factors, and the environment, affect older people's health, functional ability and life expectancy. The intention is to study the positive and negative events in life that may be relevant to aging.

Care system study: The aim of SNAC-K care system study is to continuously monitor the allocation of public eldercare in relation to need indicators. Collected data can be used as a basis for planning, resource allocation and evaluation of the provision of eldercare services and health care among older adults. Available data can also be used in research and development around the issues of the provision of social and health care. The connection to the SNAC-K population study gives a unique opportunity for comparisons between care recipients and non-recipients.

Data in the SNAC-K care system study 2004-2020 include all recipients of public eldercare 65 years or older in the district of Kungsholmen. Annually ~1200-1800 individuals and ~2000-3000 registrations (decisions on the provision of eldercare services) are included. Data include information on the type and amount of public eldercare provided, as well as need-indicators: physical and cognitive functioning, need of help with activities of daily living (personal and instrumental), incontinence, mental health, pain, dizziness, hearing and vision. Information on age, gender and cohabitation are also included. Since no new need assessments are conducted once a person has moved in to an institutional care facility, a cross-sectional survey among residents in institutional care facilities has been performed (until 2019).

Further cross-sectional studies have been conducted every year between 2002-2015, and since 2003 with restricted to persons living in special housing.

Data contains personal data

Yes

Sensitive personal data

Yes

Type of personal data

Personal identification number, encrypted personal identification number

Code key exists

Yes

Language

[English](#)

[Swedish](#)

Unit of analysis

[Individual/Patient](#)

Population

Individuals aged 60 or over, living in the district of Kungsholmen.

Study design

Observational study

Cohort study

Cohort study: Prospective

Sampling procedure

[Probability: Stratified](#)

[Total universe/Complete enumeration](#)

The population study:

The SNAC-K population consists of a random sample of individuals aged 60-104 years living both at home and in institutions in Kungsholmen, Stockholm in the central part of Sweden. The random sample was stratified by age cohort and year of assessment and an oversampling of those aged 60 years respectively > 81 years of age was conducted for all the SNAC studies. In SNAC-K, eleven age cohorts were chosen (60, 66, 72, 78, 81, 84, 87, 90, 93, 96, and 99) with six year intervals for the younger cohorts and three years for the older cohorts (≥ 78 years).

During the baseline examination in 2001-04, 3363 individuals were included (response rate 73.3%). Participants who are 78 years of age or older are followed up every three years, while for those aged 60 to 72 years, follow-up will take place every six years. Data have been collected at seven waves over a total of 20 years and is ongoing.

The care system study:

The care system study includes all eldercare recipients 65 years or older, for the years 2004-2020 in the district of Kungsholmen (annually ~1200-1800 individuals) and from 2015 and onwards in the whole municipality of Stockholm (annually ~21000 individuals).

Time period(s) investigated

2004-01-01 – 2020-12-31

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: SNAC-K

Type(s) of sample: Blood tests and brain imaging (MRI)

Data format / data structure

[Numeric](#)

Geographic spread

Geographic location: [Kungsholmen Parish](#)

Geographic description: Kungsholmen district in the city of Stockholm (for the care system part from 2015 and onwards the whole municipality of Stockholm).

Responsible department/unit

Stockholm Gerontology research center

Funding 1

- Funding agency: the Swedish Research Council for Health, Working life and Welfare

Funding 2

- Funding agency: the Stockholm County Council

Funding 3

- Funding agency: the Swedish Research Council (VR)

Funding 4

- Funding agency: the Stockholm Municipality

Funding 5

- Funding agency: the Ministry of Health and Social Affairs, Sweden

Ethics Review

Swedish Ethical Review Authority - Ref. 2020-02497

Swedish Ethical Review Authority - Ref. 2021-01069

Stockholm - Ref. 2009/595-32

Swedish Ethical Review Authority - Ref. 2019-02528

Stockholm - Ref. 2016/730-31/1

Stockholm - Ref. 2013/828-31/3

Central Ethical Review Board - Ref. Ö 26-2007

Stockholm - Ref. 04-929/3

Stockholm - Ref. 01-114

Stockholm - Ref. 2010/447-31/2

Swedish Ethical Review Authority - Ref. Dnr 2020-03778

Research area

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

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

[Health care service and management, health policy and services and health economy](#) (Standard för svensk indelning av forskningsämnen 2011)

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

[Social sciences interdisciplinary](#) (Standard för svensk indelning av forskningsämnen 2011)

Keywords

[Care of the elderly](#), [Aged](#), [Housing for the elderly](#), [Activities of daily living](#), [Aged, 80 and over](#), [Data collection](#), [Memory](#), [Registries](#), [Walking test](#), [Balance](#), [Homecare](#), [Assistance needs](#), [Respiratory function](#), [Blood count](#), [Near- national e-infrastructure for aging research](#), [Concentrations capacity](#)

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Access to data through an external actor

Access to data is restricted

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Related research data in SND's catalogue

[The Swedish National study on Aging and Care in Skåne \(SNAC-S\) - GÅS](#)

[The Swedish National study on Aging and Care in Kungsholmen \(SNAC-K\) - Population: 60-year olds](#)

[The Swedish National study on Aging and Care in Kungsholmen \(SNAC-K\) - Population: 66-year olds](#)

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