

# Cancer Incidence och mortality in a population based investigation in the southern health care region - Cost for health care for cases

**SND-ID:** ext0119-1.

**Is part of collection at SND:** [Scania Metadatabase for Epidemiology \(SME\)](#)

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

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## **Research principal**

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## **Description**

All individuals diagnosed with cancer from 2000 to 2007 were identified in the Cancer Register of Southern Sweden, but only individuals who were also identified in the Population Register of Scania were included in this cohort. Age- and gender-matched controls were identified in the Population Register of Scania. The controls were reconciled with the cancer registry in southern Sweden so that they had no prior diagnosis of cancer and with the Population Register of Scania that they were alive at time of diagnosis to the matched case. Also spouses to cancer patients were used as controls.

For each individual, healthcare costs were monitored related to the date of diagnosis. Costs for outpatient care, inpatient care, number of days in hospital and medications were included. Costs were also calculated for the controls.

Other information available about the individuals in the cohort are age, sex, domicile, type of tumor and medication.

Purpose:

To study the health cost per individual in relation to mortality and comorbidity.

Dataset includes all cases (all individuals diagnosed with cancer between 2000-2007 in Scania).

## **Unit of analysis**

[Individual](#)

## **Population**

All individuals in Scania diagnosed with cancer between year 2000-2007, and controls matched by age and sex.

## **Study design**

Case-control study

## **Sampling procedure**

[Probability: Systematic random](#)

All individuals diagnosed with cancer from 2000 to 2007 were identified in the Cancer Register of Southern Sweden, but only individuals who were also identified in the Population Register of Scania were included in this cohort. Age- and gender-matched controls were identified in the Population Register of Scania. Also wives or husbands of cases were used as controls.

**Time period(s) investigated**

2000 – 2007

**Number of individuals/objects**

70000

**Response rate/participation rate**

100%

**Data format / data structure**

[Numeric](#)

**Data collection 1**

- Time period(s) for data collection: 2000-01-01 – 2007-12-31
- Source of the data: Registers/Records/Accounts: Medical/Clinical, Registers/Records/Accounts

**Geographic spread**

Geographic description: Skåne

**Responsible department/unit**

Faculty of Medicine

**Research area**

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

[Health](#) (CESSDA Topic Classification)

**Keywords**

[Cancer](#), [Health services](#), [Medicine](#), [Neoplasms](#), [Case-control studies](#), [Sex](#), [Delivery of health care](#), [Age](#), [Health care costs](#), [Scania](#), [Epihealth](#), [Epihealth\\_skåne](#)

**Publications**

Attner B, Lithman T, Noreen D, Olsson H. Low cancer rates among patients with dementia in a population-based register study in Sweden. *Dement Geriatr Cogn Disord*. 2010;30(1):39-42. doi: 10.1159/000315509.

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Sjövall K, Attner B, Lithman T, Noreen D, Olsson H. Prostate Cancer in the Pre and Post Diagnosis Phase – A Population Based Study on Health Care Costs. 2011. *Epidemiol S1:001*. doi: 10.4172/2161-1165.S1-001

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Sjövall K, Attner B, Lithman T, Noreen D, Gunnars B, Thomé B, Olsson H. Influence on the health of the

partner affected by tumor disease in the wife or husband based on a population-based register study of cancer in Sweden. J Clin Oncol. 2009 Oct 1;27(28):4781-6. doi: 10.1200/JCO.2008.21.6788.

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**

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

[Cancer Incidence och mortality in a population based investigation in the southern health care region - Cost for health care for controls](#)

### **Is part of collection at SND**

[Scania Metadatabase for Epidemiology \(SME\)](#)

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