

The childrens environment survey 2003: 12 years

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Creator/Principal investigator(s)

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Research principal

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Description

The Children's Environmental Health Survey is carried out in collaboration between the Institute of Environmental Medicine at Karolinska Institutet and the Statistics Sweden, on behalf of the Public Health Agency of Sweden.

The questionnaire concerned the health and environments of children in three age groups: 8 months, 4 years, and the 12 years. The questionnaire in the Children's environmental health survey 2003 was sent to 40,000 children's parents. The response rate was about 70%.

The questions were in most cases answered by the children's parents, but some of the questions were directly asked of children in 12-year-old group.

In addition to the study in 2003, a second study was carried out in 2011, where some of the children from 2003 were invited to participate.

Purpose:

The aim was to chart how environmental factors like air pollution, noise and indoor environment effects the health of children and adolescents.

Unit of analysis

[Individual](#)

Population

Children, aged 8 months, 4 years and 12 years, born in Sweden or have been resident in Sweden for at least five years.

Time Method

[Cross-section](#)

[Longitudinal](#)

Sampling procedure

[Probability](#)

I grundurvalet ingick lika många barn i varje län, 240 i varje åldersgrupp. För 8-månadersbarnen utökades urvalet till ca 310 för att korrigera smärre felaktigheter i urvalsdragningen. I tio län gjordes även ett tilläggsurval på ungefär 100-2 500 barn

per åldersgrupp. Det totala urvalet utgjorde i genomsnitt ca 13 procent av målbefolkningen. Störst andel utgjorde det i Hallands län (42 procent) och lägst i Skånes län (5 procent). Barnen valdes slumpvis från registret över totalbefolkningen hos Statistiska centralbyrån (SCB).

Time period(s) investigated

2003-02 – 2004-04

Response rate/participation rate

68%

Data format / data structure

[Numeric](#)

Data collection 1

- Mode of collection: Self-administered questionnaire: paper
- Time period(s) for data collection: 2003-02 – 2004-04
- Data collector: Statistics Sweden
- Source of the data: Registers/Records/Accounts: Administrative, Population group, Registers/Records/Accounts

Geographic spread

Geographic location: [Sweden](#)

Lowest geographic unit

County (NUTS3)

Highest geographic unit

Country

Responsible department/unit

Institute of Environmental Medicine

Research area

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

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

[Occupational health and environmental health](#) (Standard för svensk indelning av forskningsämnen 2011)

[Health](#) (CESSDA Topic Classification)

Keywords

[Housing](#), [Family environment](#), [Smoking](#), [Physical activities](#), [Television viewing](#), [Obesity](#), [Public health](#), [Mental health](#), [Natural environment](#), [Demography](#), [Passive smoking](#), [Epidemiologic studies](#), [Respiratory tract diseases](#), [Exercise](#), [Population surveillance](#), [Hearing loss](#), [Socioeconomic factors](#), [Risk factors](#), [Overweight](#), [Diet](#), [Asthma](#), [Noise](#), [Surveys and questionnaires](#), [Air pollution](#), [Tobacco](#), [Hypersensitivity](#), [Parks](#), [Schools](#), [Housing conditions](#), [Sun protection](#), [Socio-economic status](#), [Green belt areas](#), [Scania](#), [Epihealth](#), [Epihealth_skåne](#)

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

[The childrens environment survey 2003: 8 months](#)

[The childrens environment survey 2003: 4 years](#)

[National Environmental Health Survey 1999](#)

[National Environment Health Survey 2007](#)

[The childrens environment survey 2011: 8 months](#)

[The childrens environment survey 2011: 4 years](#)

[The childrens environment survey 2011: 12 years](#)

[National environment health survey 2015](#)

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