

The childrens environment survey 2011: 4 years

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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 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.

The questions focused on the children's exposure to environmental factors and on their self-rated symptoms, health, and levels of disturbance by various environmental factors. Statistics Sweden supplemented the data from the survey with demographic data from various central registers including gender, age, place of residence, country 24 of birth, and parents' educational level etc. Nearly 71 400 children were randomly selected within each county. Approximately 36 000 people responded to the survey, representing a response rate of over 50 percent.

In addition to the study in 2011 a previously survey had been conducted in 2003, making it possible to compare the results and show how children's environment and health changed during the eight years between the surveys.

Purpose:

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

Data contains personal data

No

Unit of analysis

[Individual](#)

Population

Children aged 8 months, 4 years and 12 years, registered in Sweden and having at least one guardians that has been publicly registered in Sweden for at least 5 years..

Time Method

[Cross-section](#)

[Longitudinal](#)

Sampling procedure

[Probability](#)

Urvalet gjordes slumpvis inom varje län och åldersgrupp, och bestod av två delar. I den första delen, grundurvalet, valdes 12 600 barn ut. Dessa var jämnt fördelade mellan Sveriges 21 län och bestod av 600 barn per län, 200 per åldersgrupp. Den andra delen bestod av ett förstärkt urval för femton län, som valt att delta med sammanlagt ytterligare 58 772 barn. Totalt ingick nästan 30 procent av målbefolkningen. Cirka 21 procent av de 12-åriga barnen i det förtätade urvalet valdes ut från den grupp som besvarat den tidigare undersökningen (2003). De ingick vid den tiden i åldersgruppen 4-åringar.

Number of individuals/objects

12900

Response rate/participation rate

53%

Data format / data structure

[Numeric](#)

Data collection 1

- Mode of collection: Self-administered questionnaire
- Time period(s) for data collection: 2011-03 - 2011-06
- 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](#)

[The childrens environment survey 2003: 12 years](#)

[National Environmental Health Survey 1999](#)

[National Environment Health Survey 2007](#)

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

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