

The OLIN-studies - The OLIN studies

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Associated documentation

OLIN enkät barn 2006.pdf (41.48 KB)

OLIN enkät vuxen 2006.pdf (13.23 KB)

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Description

The Obstructive Lung Disease in Northern Sweden (OLIN) Studies, is a research program ongoing since 1985. It includes descriptive, analytic and interventional epidemiologic research on asthma, allergy, chronic bronchitis, and chronic obstructive pulmonary disease (COPD). The infrastructure contains data from more than 50,000 subjects from Norrbotten in ages 7-91 years. The overall aim includes identifying risk factors for the conditions in order to create possibilities for prevention. The studies are multidisciplinary and cover traditional and molecular epidemiology and clinical research as well as research about cellular mechanisms, proteomics and genetics. The aim of the current project is managing and care of the large and growing infrastructure. New data are collected continuously as most studies are of prospective nature.

Purpose:

To identify risk factors for asthma, allergy, chronic bronchitis, and chronic obstructive pulmonary disease in order to create possibilities for prevention.

Data contains personal data

Yes

Sensitive personal data

Yes

Unit of analysis

[Individual](#)

Population

Individuals aged 7-91 years and residing in Norrbotten

Time Method

[Longitudinal: Cohort/Event-based](#)

Number of individuals/objects

50000

Data format / data structure

[Numeric](#)

Data collection 1

- Mode of collection: Physical measurements and tests
- Time period(s) for data collection: 1985-01-01 – 2010-12-31
- Source of the data: Population group

Data collection 2

- Mode of collection: Self-administered questionnaire: paper
- Time period(s) for data collection: 1985-01-01 – 2010-12-31
- Source of the data: Population group

Data collection 3

- Mode of collection: Face-to-face interview
- Time period(s) for data collection: 1985-01-01 – 2010-12-31
- Source of the data: Population group

Geographic spread

Geographic location: [Sweden](#)

Responsible department/unit

Department of Public Health and Clinical Medicine

Contributor(s)

Region Norrbotten

Research area

[Respiratory medicine and allergy](#) (Standard för svensk indelning av forskningsämnen 2011)

[Health](#) (CESSDA Topic Classification)

[Medication and treatment](#) (CESSDA Topic Classification)

[Specific diseases, disorders and medical conditions](#) (CESSDA Topic Classification)

Keywords

[Cohort studies](#), [Respiratory tract diseases](#), [Dyspnea](#), [Follow-up studies](#), [Longitudinal studies](#), [Prospective studies](#), [Respiration disorders](#), [Drug therapy](#), [Risk factors](#), [Mortality](#), [Neoplasms](#), [Respiratory function tests](#), [Asthma](#), [Child](#), [Biomedical research](#), [Bronchitis, chronic](#), [Eczema](#), [Emphysema](#), [Epidemiology](#), [Case-control studies](#), [Genetics](#), [Heart diseases](#), [Cough](#), [Skin diseases](#), [Economics, medical](#), [Pulmonary disease, chronic obstructive](#), [Food hypersensitivity](#), [Environmental exposure](#), [Nose diseases](#), [Nasal obstruction](#), [Lung diseases, obstructive](#), [Primary prevention](#), [Proteomics](#), [Rhinitis, allergic, seasonal](#), [Smoking](#), [Secondary prevention](#), [Sleep apnea, obstructive](#), [Sleep apnea syndromes](#), [Cross-sectional studies](#), [Occupational exposure](#), [Hypersensitivity](#)

Publications

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Jansson SA, Lindberg A, Ericsson A, Borg S, Rönmark E, Andersson F, Lundbäck B. Cost differences for COPD with and without physician-diagnosis. *COPD* 2005 Dec;2(4):427-34.

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