

MISS-cohort, Melanoma in Southern Sweden - survey

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Is part of collection at SND: [Swedish Cohort Consortium \(Cohorts.se\)](#), [Scania Metadatabase for Epidemiology \(SME\)](#)

Associated documentation

Melanom-vem och varför_ MISS kohorten.pdf (2.51 MB)

melanom-vem och varför_MISS kohorten, uppföljningsenkät.pdf (2.09 MB)

Creator/Principal investigator(s)

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Research principal

[Lund University](#) - Faculty of Medicine

Description

The MISS cohort started in 1990 when 40 000 women between 26 and 65 in Skåne were randomly selected to participate in an interview about the risk factors for malignant melanoma and breast cancer. 29 508 (approximately 74%) of women surveyed chose to participate. None of the women had a history of cancer. The interviews were conducted between 1990 and 1992 and the questions concerned, among other things, the time for the woman's first menstruation, number of pregnancies, age at entry into menopause, contraception, alcohol, smoking, sun exposure and constitutional factors. The cohort was interviewed one more time in year 2000 and again 2011. Re-interviews are scheduled for every ten years. During 2011 to 2013 DNA was collected from the cohort through saliva. Follow-up of morbidity and mortality are made annually through the national registry.

Purpose:

The aim of this study was to create a prospective population-based cohort of women from Southern Sweden with information regarding environmental and genetic factors.

Unit of analysis

[Individual](#)

Population

Women between 25 and 65 years, living in Southern Sweden.

Time Method

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

Sampling procedure

[Probability: Simple random](#)

Time period(s) investigated

1990 - Ongoing

Number of individuals/objects

29508

Response rate/participation rate

74%

Data format / data structure

[Numeric](#)

Data collection 1

- Mode of collection: Self-administered questionnaire
- Time period(s) for data collection: 1990 - 1992
- Source of the data: Population group, Biological samples

Data collection 2

- Mode of collection: Self-administered questionnaire
- Time period(s) for data collection: 2000 - 2000
- Source of the data: Population group, Biological samples

Data collection 3

- Mode of collection: Self-administered questionnaire
- Time period(s) for data collection: 2011 - 2011
- Source of the data: Population group, Biological samples

Geographic spread

Geographic description: Southern Sweden

Responsible department/unit

Faculty of Medicine

Research area

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

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

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

[Health](#) (CESSDA Topic Classification)

Keywords

[Contraceptive devices](#), [Epidemiologic methods](#), [Cohort studies](#), [Body weights and measures](#), [Menopause](#), [Women's health](#), [Neoplasms](#), [Biomarkers](#), [Reproduction](#), [Smoking](#), [Saliva](#), [Scania](#), [Epihealth](#), [Epihealth_skåne](#), [Genetic studies](#), [Sun exposure](#), [Swedish cohort consortium \(scc\)](#), [Cohorts.se](#)

Publications

Olsson, H., & Bladström, A. (2002). A cohort study of reproductive factors and family history of breast

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<https://doi.org/10.1023/A:1020807619092>

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Epstein, E., Lindqvist, P., Geppert, B., & Olsson, H. (n.d.). A population-based cohort study on sun habits and endometrial cancer. In *British Journal of Cancer* (Vol. 101, pp. 537–540).

<https://doi.org/10.1038/sj.bjc.6605149>

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DOI: <https://doi.org/10.1002/ijc.24284>

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Lindqvist, P. G., Epstein, E., Landin-Olsson, M., Ingvar, C., Nielsen, K., Stenbeck, M., & Olsson, H. (n.d.). Avoidance of sun exposure is a risk factor for all-cause mortality: results from the Melanoma in Southern Sweden cohort. In *Journal of Internal Medicine* (Vol. 276, Issue 1, pp. 77–86).

<https://doi.org/10.1111/joim.12251>

DOI: <https://doi.org/10.1111/joim.12251>

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Lindqvist, P. G., Epstein, E., Nielsen, K., Landin-Olsson, M., Ingvar, C., & Olsson, H. (n.d.). Avoidance of sun exposure as a risk factor for major causes of death : A competing risk analysis of the Melanoma in Southern Sweden cohort. In *Journal of Internal Medicine* (Vol. 280, Issue 4, pp. 375–387).

<https://doi.org/10.1111/joim.12496>

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Lindqvist, P. G., Epstein, E., Landin-Olsson, M., Åkerlund, M., & Olsson, H. (n.d.). Women with fair phenotypes seem to confer a survival advantage in a low UV milieu. A nested matched case control study. In *PLoS ONE* (No. e0228582; Vol. 15, Issue 1). <https://doi.org/10.1371/journal.pone.0228582>

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dose-dependent increased risk of hypertension: a report from the large MISS cohort. In Photochemical & photobiological sciences : Official journal of the European Photochemistry Association and the European Society for Photobiology (Vol. 20, Issue 2, pp. 285–292).

<https://doi.org/10.1007/s43630-021-00017-x>

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Access to data is restricted

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Related research data in SND's catalogue

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