

Guidelines for publication of research results using HUNT-data

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To ensure that publication of research results conform the rights of analysis, HUNT Research Centre has appointed a Publication Committee. All manuscripts of papers, reports and abstracts, except student theses, should be submitted to the publication committee BEFORE they are submitted for publication.

Manuscripts should be sent as an attachment to mails to kontakt@hunt.ntnu.no.

The Publication Committee is especially careful to assess whether a planned publication is in accordance with the publication plan and agreement on the use of variables. The Publication Committee is not a review committee for the content of the publication, and the assessment should not delay the publication process. The usual processing time is 1-2 weeks.

How to refer to The HUNT Study in publications

HUNT shall be rendered visible in the Methods section and when possible always in the title of a publication and the institutes that have contributed to data gathering must be acknowledged. (text suggestions below).

HUNT should be mentioned in the following way in acronyms and abbreviations:

A) Publications including solely HUNT data:

“The HUNT Study” must be part of the title (as long as a journal does not object to this explicitly)

This goes for all publications, regardless of wave of data gathering or adult / Young-HUNT.

B) HUNT should always be mentioned as a keyword when possible

C) HUNT must always be mentioned in acknowledgements / supplement or another suitable place such that it will be clear that HUNT-data are used.

Furthermore:

The correct English term is “The HUNT Study”.

In text in an article, “The HUNT Study” may be abbreviated to “HUNT”, e.g. “Data from HUNT show...”

The different waves of data gathering shall be called “survey”: “The HUNT1 Survey”, “The HUNT2 Survey” etc. No space should be inserted between HUNT and the number.

“The Young-HUNT Study” is the correct name for the combined data set of Young-HUNT, “The Young-HUNT1 Survey” is the correct name for data gathered in wave 1 and so on.

Sub studies in HUNT must be written separately from HUNT, either as a study in “HUNT” or as a word added to HUNT. Examples:

- o “The lung study in HUNT”
- o “The HUNT lung study”.

No new acronyms using the word “HUNT” can be constructed when reporting on HUNT-data.

The above mentioned requirements are the same for Norwegian publications, with these differences: HUNT is to be called “HUNT” or “Helseundersøkelsen i Trøndelag (HUNT)”. Different waves of data gathering shall be called HUNT1 HUNT2 etc.

Furthermore:

Ung-HUNT (all of Young-HUNT taken together)

Ung-HUNT1, Ung-HUNT2 etc (different waves of data gathering in Young-HUNT)

Sub study example: "lungestudien i HUNT"/Ung-HUNT

Acknowledgements

All publications using HUNT-data, this being from The HUNT1 Survey, the HUNT2 Survey, The HUNT3 Survey, The HUNT4 Survey, The Young-HUNT1 Survey, The Young-HUNT2 Survey, The Young-HUNT3 Survey, The Young-HUNT4 Survey, sub studies, or studies based on a new invitation of HUNT participants, must mention the following units / institutes when describing the origin of the data or methods of the study, or, if no other place is available, in the acknowledgements:

- HUNT Research Centre
- The Faculty of Medicine and Health Sciences, NTNU
- Trøndelag County Council
- Central Norway Regional Health Authority
- Norwegian Institute of Public Health

Text suggestion for acknowledgements

Norsk: Helseundersøkelsen i Trøndelag (HUNT) er et samarbeidsprosjekt mellom HUNT forskningssenter (Fakultet for medisin og helsevitenskap, Norges teknisk-naturvitenskapelige universitet NTNU), Trøndelag fylkeskommune, Helse Midt-Norge og Nasjonalt folkehelseinstitutt.

Engelsk: The Trøndelag Health Study (HUNT) is a collaboration between HUNT Research Centre (Faculty of Medicine and Health Sciences, Norwegian University of Science and Technology NTNU), Trøndelag County Council, Central Norway Regional Health Authority, and the Norwegian Institute of Public Health.

References

Please refer to the cohort profile your study uses:

- The HUNT4 Study

Åsvold BO, Langhammer A, Rehn TA et al, Cohort profile update: The HUNT Study, Norway. *Int J Epidemiol*. Published 17.May 2022.

- The HUNT3 Study

Krokstad, S. et al. Cohort Profile: the HUNT Study, Norway. *Int J Epidemiol* 2013;42(4):968-77

- The HUNT2 Study

Holmen, J., Midthjell, K, Krüger, Ø, Langhammer, A, Holmen, TL, Bratberg, GH, Vatten, L, Lund-Larsen, PG, The Nord-Trøndelag Health Study 1995–97 (HUNT2): objectives, contents, methods and participation. *Norsk Epidemiologi* 2003. 13(1): p. 19-32.

- The Young-HUNT4 Study

Rangul V, Holmen TL, Langhammer A, Ingul JM, Pape K, Fenstad JS, Kvaløy K. Cohort Profile Update: The Young-HUNT Study, Norway. *Int J Epidemiol* 2024; 1;53(1)

- The Young-HUNT3 Study

Holmen TL, Bratberg G, Krokstad S et al. Cohort profile of the Young-HUNT Study, Norway: a population-based study of adolescents. *Int J Epidemiol* 2014;43(2):536-44

- When using biological material from HUNT biobank:

Marit Næss, Kirsti Kvaløy, Elin P Sørgerd et al, Data Resource Profile: The HUNT Biobank. *Int J Epidemiol*. Published 04.June 2024.

Policy for access to data for reviewing purposes

Some open access journals require that the data on which a study is based be transferred to an outside data repository in order to decrease potential medical/scientific fraud. Due to privacy protection for participants and protection of research rights of researchers using HUNT data, HUNT Research Centre is not open to this. For HUNT data the following applies (text which can be used in answer to such requests):

The Trøndelag Health Study (HUNT) has invited persons aged 13 - 100 years to four surveys between 1984 and 2019. Comprehensive data from more than 140,000 persons having participated at least once and biological material from 78,000 persons are collected. The data are stored in HUNT databank and biological material in HUNT biobank. HUNT Research Centre has permission from the Norwegian Data Inspectorate to store and handle these data. The key identification in the data base is the personal identification number given to all Norwegians at birth or immigration, whilst de-identified data are sent to researchers upon approval of a research protocol by the Regional Ethical Committee and HUNT Research Centre. To protect participants' privacy, HUNT Research Centre aims to limit storage of data outside HUNT databank, and cannot deposit data in open repositories. HUNT databank has precise information on all data exported to different projects and are able to reproduce these on request. There are no restrictions regarding data export given approval of applications to HUNT Research Centre. For more information see: <http://www.ntnu.edu/hunt/data>