

What does the primary school student know about the map in 2013?

SND-ID: snd1085-1. **Version:** 1.0. **DOI:** <https://doi.org/10.5878/m5fe-9t56>

Download data

SND1085_001_V1.0.zip (7.61 MB)

Citation

Hennerdal, P. (2019) What does the primary school student know about the map in 2013? (Version 1.0) [Data set]. Stockholm University. Available at: <https://doi.org/10.5878/m5fe-9t56>

Creator/Principal investigator(s)

[Pontus Hennerdal](#) - Stockholm University

Research principal

[Stockholm University](#) - Kulturgeografiska institutionen

Description

In 1968, Sonja Peterson conducted a study that included all students from grade 1 to grade 9 in Arvika, Sweden. That study was named: Vad vet grundskoleeleven om kartan? [What does the primary school student know about the map?] and was published in 1971 in the report series: Rapporter från Pedagogiska institutionen i Göteborg [Reports from the Department of Education in Gothenburg]. As a part of the doctoral studies Pontus Hennerdal conducted at Stockholm University, he recreated parts of the test Peterson used in her study. Together with some new questions, Hennerdals study was also carried out with students in Arvika during 2013. This time with students from grade 2 to year 9. This archive consists of answers from the 1206 completed questionnaires that were filled in during the spring term 2013 during Hennerdals Arvika study. Also the archive include some comparisons with the data Peterson collected 45 years earlier.

During the spring term of 2013, tests(see attached files) were distributed to all classes (grade 2 to 9) in Arvika, Sweden. All grades did not have all test sheets. The teachers conducted the test with each class based on the instruction:

The intention is that the questions should be self-instructing, that the only thing the students need in addition to the questions is a pen and an eraser, and that the answers to the questions should be received during an hour. But the study is not ruined by helping students to understand question they find unclear (explain the question, not the concept), let them use draft paper and their own ruler, or let someone draw a little over the time if the teacher finds it possible.

Language

[Swedish](#)

Unit of analysis

[Individual](#)

Population

Students in 2nd to 9th grade

Time Method

[Time series: Discrete](#)

Sampling procedure

[Total universe/Complete enumeration](#)

Time period(s) investigated

2013-01-28 – 2013-02-01

Variables

150

Number of individuals/objects

1206

Data format / data structure

[Numeric](#)

Data collection 1

- Mode of collection: Educational measurements and tests
- Time period(s) for data collection: 1968-02-01 – 1968-05-17
- Source of the data: Population group

Data collection 2

- Mode of collection: Educational measurements and tests
- Time period(s) for data collection: 2013-01-28 – 2013-02-01
- Source of the data: Population group

Geographic spread

Geographic location: [Arvika Municipality](#), [Arvika Västra Parish](#), [Arvika Östra Parish](#), [Arvika Parish](#)

Responsible department/unit

Kulturgeografiska institutionen

Research area

[Compulsory and pre-school education](#) (CESSDA Topic Classification)

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

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

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

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

[Human geography](#) (Standard för svensk indelning av forskningsämnen 2011)

Keywords

[Education](#), [Geography](#), [Maps as topic](#)

Publications

Hennerdal, P. (2016) Changes in place location knowledge: A follow-up study in Arvika, Sweden, 1968 and 2013. International Research in Geographical and Environmental Education 25(4), 309-327. DOI: 10.1080/10382046.2016.1207991

[DiVA](#)

DOI: <https://doi.org/10.1080/10382046.2016.1207991>

If you have published anything based on these data, [please notify us](#) with a reference to your publication(s). If you are responsible for the catalogue entry, you can update the metadata/data description in DORIS.

Polygon (Lon/Lat)

12.27907842, 60.13720009

12.27907842, 59.38803367

13.09525834, 59.38803367

13.09525834, 60.13720009

12.27907842, 60.13720009

Accessibility level

Access to data through SND

Data are freely accessible

Use of data

[Things to consider when using data shared through SND](#)

License

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Versions

Version 1.0. 2019-02-11

Download metadata

[DataCite](#)

[DDI 2.5](#)

[DDI 3.3](#)

[DCAT-AP-SE 2.0](#)

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