

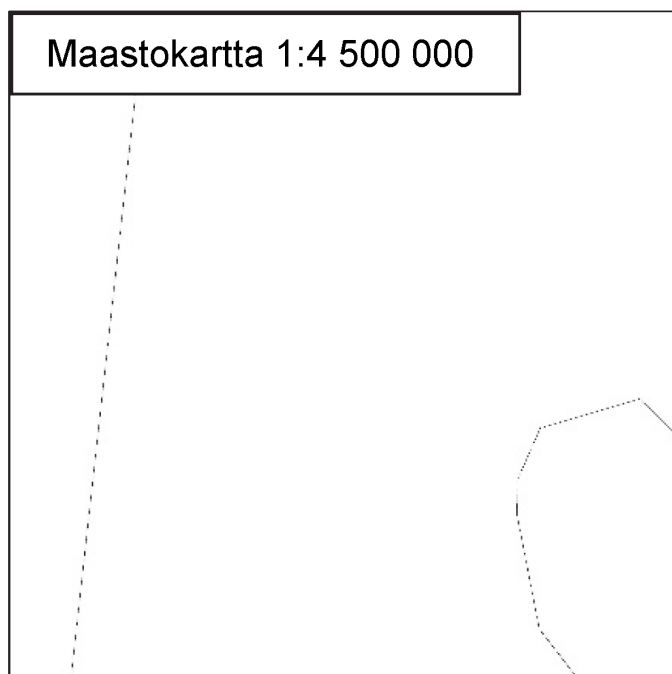
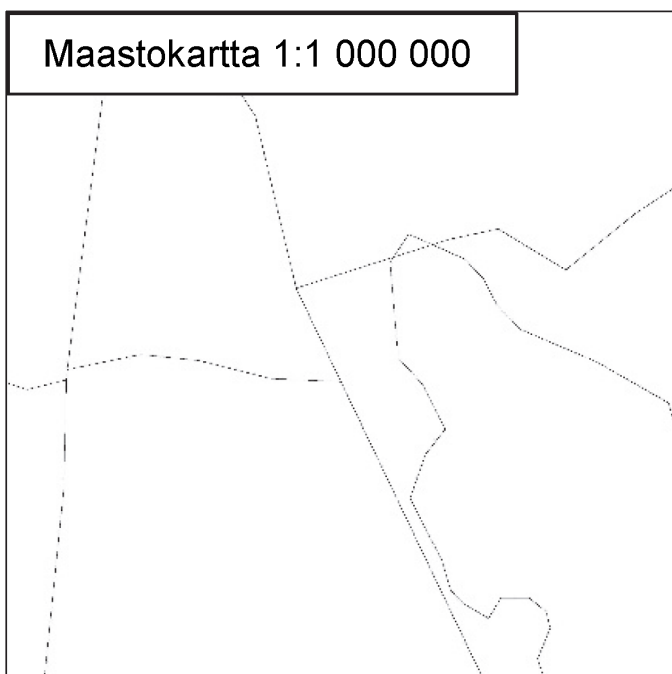
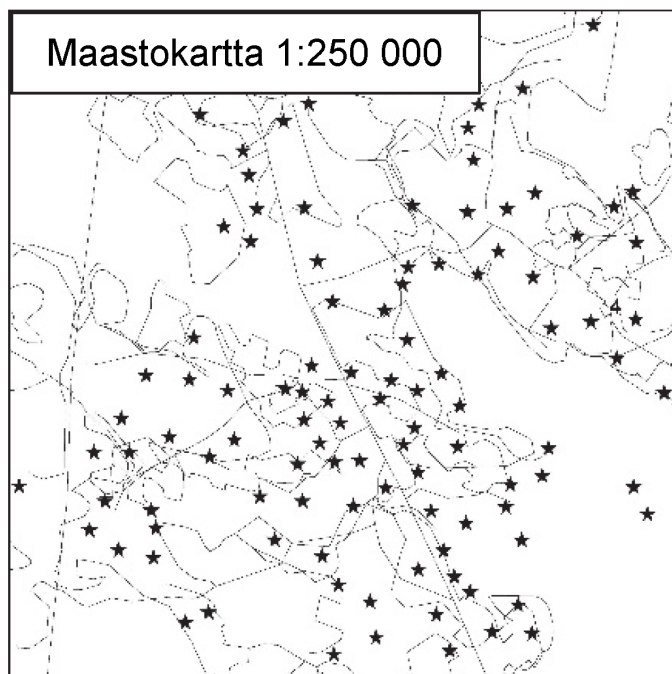
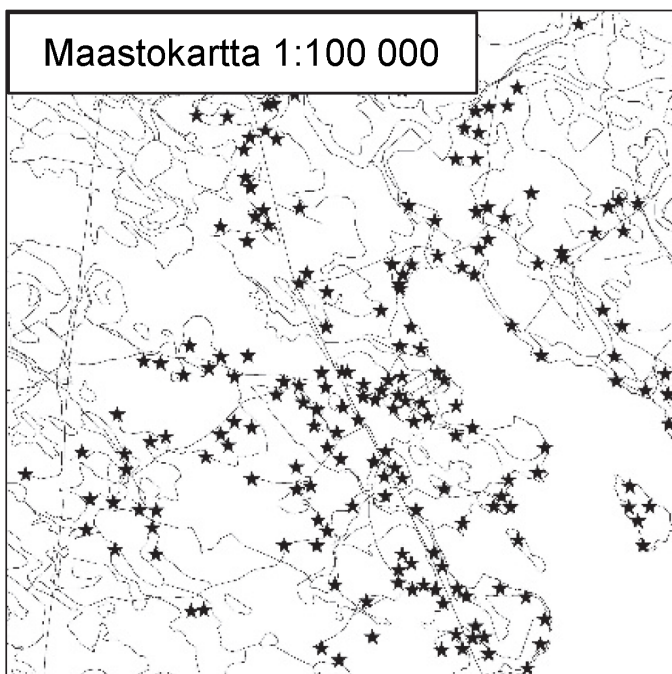
# Topographic map series (vector)

National Land Survey's Topographic map series in vector format is a dataset depicting the terrain of all of Finland. The most important elements are the road network, administrative borders, preservation areas, population centres, geographic names, waterways, land use and elevation.

The largest scale level (1:100,000) of the Topographic map series in vector format is produced by generalising from the Topographic database. Topographic map series 1:250,000 is produced by generalising the dataset 1:100,000. Topographic map series 1:1,000,000 is produced by generalising the dataset 1:250,000. Topographic map series 1:4,500,000 is produced by generalising the dataset 1:1,000,000. The geographic names have been generalised from the geographic names in the Geographic Names Register to map names suited to the scale in question. The administrative borders in the Municipal Division of each scale are used as administrative borders.

The Topographic map series in vector format can be used for the production of other map products, e.g. approach maps or maps on a regional or national level

The product belongs to the open data of the National Land Survey of Finland. More information: Topographic data and how to acquire it <http://www.maanmittauslaitos.fi/en/maps-and-spatial-data/expert-users/topographic-data-and-how-acquire-it>.

**Purpose:**

The Topographic map series in vector format can be used for the production of other map products, e.g. approach maps or maps on a regional or national level.

**Geographic location**

Entire Finland

**Responsible party**

National Land Survey of Finland

**Scale**

100000

250000

1000000

4500000

**Spatial representation**

Vector

**Spatial representation info**

## Full surface graph

### Data content

Topographic map 1:100,000

Includes the following elements:

- Traffic network
- Cable connections
- Buildings and population centres
- Geographic names
- Administrative borders
- Elevation
- Waterways
- Fields
- Other terrain
- Protected features
- Special use areas

A more precise data content can be found in the Data model (in Finnish):

[https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2017/05/MARA-MATI\\_Karttatiimi\\_M100\\_kohdemalli.pdf](https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2017/05/MARA-MATI_Karttatiimi_M100_kohdemalli.pdf)

Object codes of elements (in Finnish):

[https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2018/05/MARA-MATI\\_Karttatiimi\\_Maastokartta\\_100000\\_koodit.pdf](https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2018/05/MARA-MATI_Karttatiimi_Maastokartta_100000_koodit.pdf)

Topographic map 1:250,000

Includes the following elements:

- Traffic network
- Cable connections
- Buildings and population centres
- Geographic names
- Administrative borders
- Elevation
- Waterways
- Fields
- Other terrain

- Protected features
- Special use areas

A more precise data content can be found in the Data model (in Finnish):

[https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2017/05/MARA-MATI\\_Karttatiimi\\_M250\\_kohdemalli.pdf](https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2017/05/MARA-MATI_Karttatiimi_M250_kohdemalli.pdf)

Object codes of elements (in Finnish):

[https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2018/05/MARA-MATI\\_Karttatiimi\\_Maastokartta\\_250000\\_koodit.pdf](https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2018/05/MARA-MATI_Karttatiimi_Maastokartta_250000_koodit.pdf)

Topographic map 1:1,000,000

Includes the following elements:

- Traffic network
- Cable connections
- Buildings and population centres
- Geographic names
- Administrative borders
- Elevation
- Waterways
- Fields
- Protected areas
- Other terrain
- Special use areas

A more precise data content can be found in the Data model (in Finnish):

[https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2018/05/MARA-MATI\\_Karttatiimi\\_M1000\\_kohdemalli.pdf](https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2018/05/MARA-MATI_Karttatiimi_M1000_kohdemalli.pdf)

Object codes of elements (in Finnish):

[https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2018/05/MARA-MATI\\_Karttatiimi\\_Maastokartta\\_1000000\\_koodit.pdf](https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2018/05/MARA-MATI_Karttatiimi_Maastokartta_1000000_koodit.pdf)

Topographic map 1:4,500,000

Includes the following elements:

- Traffic network
- Population centres
- Geographic names

- Administrative borders
- Elevation
- Waterways

A more precise data content can be found in the Data model (in Finnish):

[https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2018/05/MARA-MATI\\_Karttatiimi\\_M4500\\_kohdemalli.pdf](https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2018/05/MARA-MATI_Karttatiimi_M4500_kohdemalli.pdf)

Object codes of elements (in Finnish):

[https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2018/05/MARA-MATI\\_Karttatiimi\\_Maastokartta\\_4500000\\_koodit.pdf](https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2018/05/MARA-MATI_Karttatiimi_Maastokartta_4500000_koodit.pdf)

Maintenance

Topographic map 1:100,000

The geographic names, administrative borders and main roads of the traffic network are updated yearly.

Other built/man-made objects are updated every 2–5 years. The updating interval of other elements is at most 10 years. See a more detailed updating table for each element (in Finnish).

[https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2019/07/MARA-MATI\\_Karttatiimi\\_Maastokartta\\_100000\\_ajantasa.pdf](https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2019/07/MARA-MATI_Karttatiimi_Maastokartta_100000_ajantasa.pdf)

Topographic map 1:250,000

The administrative borders, geographic names and main roads of the traffic network are updated yearly. Other features are updated every 2–10 years. See a more detailed elementwise updating table (in Finnish).

[https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2019/07/MARA-MATI\\_Karttatiimi\\_Maastokartta\\_250000\\_ajantasa.pdf](https://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2019/07/MARA-MATI_Karttatiimi_Maastokartta_250000_ajantasa.pdf)

Topographic map 1:1,000,000 and Topographic map 1:4,500,000

The administrative borders, main roads of the traffic network and geographic names are updated yearly. Other features are updated every 5 years.

See a more detailed updating table for each element (in Finnish).

[http://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2019/08/MARA-MATI\\_Karttatiimi\\_Maastokartta\\_1000000\\_ajantasa.pdf](http://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2019/08/MARA-MATI_Karttatiimi_Maastokartta_1000000_ajantasa.pdf)

[http://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2019/08/MARA-MATI\\_Karttatiimi\\_Maastokartta\\_4500000\\_ajantasa.pdf](http://www.maanmittauslaitos.fi/sites/maanmittauslaitos.fi/files/attachments/2019/08/MARA-MATI_Karttatiimi_Maastokartta_4500000_ajantasa.pdf)

## ▼ Quality information

Lineage

Topographic map 1:100,000

Topographic map 1:100 000 is produced by generalising from the National Land Survey's Topographic database and the Map names 1:100,000 version of the product Geographic names. The yearly updating data for the administrative borders are obtained from the dataset Municipal

Division 1:100,000.

The National Land Survey's "Quality control of small-scale map databases" is applied to the quality control of Topographic map 1:100,000.

See the latest quality control report (in Finnish).

<http://www.maanmittauslaitos.fi/sites/default/files/M100laatutarkastus.pdf>

Topographic map 1:250,000

Topographic map 1:250 000 is produced by generalising the dataset Topographic map 1:100,000 and the Map names 1:250,000 version of the product Geographic names. The yearly updating data for the administrative borders are obtained from the dataset Municipal Division 1:250,000.

The National Land Survey's "Quality control of small-scale map databases" is applied to the quality control of Topographic map 1:250,000.

See the latest quality control report (in Finnish)

[http://www.maanmittauslaitos.fi/sites/default/files/m250\\_laaturarkastus.pdf](http://www.maanmittauslaitos.fi/sites/default/files/m250_laaturarkastus.pdf)

Topographic map 1:1,000,000

Topographic map 1:1,000 000 is produced by generalising the dataset Topographic map 1:250,000 and the Map names 1:1,000,000 version of the product Geographic names.

Topographic map 1:4,500,000

Topographic map 1:4,500 000 is produced by generalising the dataset Topographic map 1:1,000,000 and the Map names 1:4,500,000 version of the product Geographic names.

Conformity

2010-01-07

The information product specification has not been published yet.

The product does not meet the specifications.

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