PRODUCT DESCRIPTION

Place names Download, vector

DOCUMENT VERSION: 1.1

Figure 1. A picture containing text from the place names register.

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1 General description

Place names Download, vector is a product that is based on the place name register. The place names in the register are used to present place names in the general maps, as well as present or create registers of place names in other products that are delivered to customers.

The Place Name register serves as a national lexicon for place names, similar to a "Swedish Academy's dictionary for place names," where the established forms and spellings of the place names are presented.

The register contains place names from Lantmäteriet's basic geographic database at a scale of 1:10 000. In cases where a place name occurs multiple times, it may also include occurrences from scales of 1:100 000 or 1:250000.

Usually, one name is presented per named object, except in multilingual areas where two or three names may exist for the same object. Any duplicates of place names will be corrected during the construction of the Place Name register.

The total number of place names in the register is over 980,000 (2022) and will gradually increase.

1.1 Contents

Place names Download, vector includes all place names from the product Topography 10 Download, vector.

For each place name there is information about its geographic location; both in terms of administrative affiliation, and coordinates in the national grid. The administrative affiliation is indicated with codes for county, municipality as well as civil parish and town. Each place name also includes information about detail type codes and lingual affiliation, along with a unique serial number for each named object. The serial number, along with the language code, creates a unique value for the place name. *For example*: Tvärberget (Swedish) and Dåriesvárrie (Ume Sámi) share the same serial number because the names refer to the same mountain but have different language codes.

The characters are stored according to ISO 8859–10.

In Place names Download, vector the place names are linked to civil parishes and towns through codes and names.

1.2 Geographic coverage

The information is nationwide.

1.3 Coordinate system

Plane: SWEREF 99 TM

For information on other coordinate systems in which the product can be delivered, refer to the document [Avgifter och leveransinformation](#) (in Swedish) for Lantmäteriet's geospatial data on Lantmäteriet's website.

2   Quality description

The quality label aims to provide information about the quality of stored objects.

For more information about the different quality parameters that are used in the product description, refer to the [HMK Ordlista (pdf)](#) (in Swedish) and [HMK Geodatakvalitet (pdf)](#) (in Swedish).

2.1   Purpose and use

The product Place names Download, vector can, for example, be used to control the spelling of place names, post, and goods distribution, planning within state and municipal business, guidance for emergency services and research.

2.2   Data capture

2.2.1   LINEAGE

The collection of place names started during the production of the Economic map during the 1930's. Place names established by Lantmäteriet have also been collected in conjunction with fieldwork through records, where the local inhabitants have been informants. Afterwards the names have been reviewed by place name experts and compared with the records that exist in the place name register archives in Uppsala, Gothenburg, and Lund.

Since the fieldwork concluded in 2004, the collaboration between different authorities and municipalities has become a significant aspect of the current collection of place names for Lantmäteriet's basic data.

Place names established by the government, county council or municipality are provided as attributes to objects through collaboration agreements. These place names are reviewed by Lantmäteriet's place name section before they are being published.

2.3   Maintenance

Lantmäteriet is a national place name authority which amongst other things means that we operate according to the *Cultural Environment Act* 1 chapter § 4 *Good Place Name Practice.* The paragraph statutes that Good Place Name Practice must be observed in all state and municipal place name business. This means, among other things, that one may not alter traditional place names without strong justifications.

Furthermore, place names must normally be spelled according to established rules for Swedish correctness of language. Place names in Swedish, Finnish, Meänkieli and Sámi must be simultaneously used in our multilingual areas.

The place names presented in Place names Download, vector, are normative, reviewed and established by Lantmäteriet.

2.3.1 MAINTENANCE AND UPDATE FREQUENCY

The place names are continuously expanded and updated following name decisions.

2.4 Data quality

2.4.1 COMPLETENESS

Place names have a high completeness and are nationwide. In minority areas place names in Finnish, Meänkieli and Sámi are also included.

2.4.2 LOGISTIC CONSISTENCY

Place names are cartographic texts and do not have a connection to the place name objects to which the text refer.

2.4.3 THEMATIC ACCURACY

Place names have a high classification accuracy.

2.4.4 POSITIONAL ACCURACY

Registered coordinates correspond to the texts' insertion point position. Because of this the accuracy for the place name objects' position is not given exactly.

3 Contents on delivery

3.1 Catalogue structure in Delivery

The file that is delivered is a GeoPackage file containing data, or a semicolon separated text file in CSV format along with a JSON file providing a description of the content within the data file.

3.2 Delivery format

The information is delivered in the format GeoPackage or CSV, a semicolon separated text file.

3.3 File set

The information is delivered in county, municipal or nationwide (Sweden) dataset. The file extensions are ortnamn_kn<*kommunkod*>.zip ortnamn_ln<*länskod*>.zip and ortnamn_sverige.zip.

The content of the data file is described in an accompanying JSON file.

4   Layout and plotting of data

4.1   Distribution

The product is adapted for scales ranging from 1:5 000 – 1:50 000.

4.2   Installation of fonts

For presenting the text, we recommend using the Windows standard font, Arial.

5   Layer description and code list

The information is delivered in a layer for each Geopackage and CSV.

An occurrence of a Swedish location name is presented within the municipality and parish/city. If the same location name exists in minority languages, it is also included as an occurrence with the same value for the attribute "lopnummer" as the corresponding Swedish location name.

5.1   Attribute set

The layer contains cartographically placed text. For Geopackage, Arial is recommended as the font.

Table 1 List of detail types with a detailed description and selection criteria.

Detail type	Name	Description	Selection
ANLTX	Facility name	Name of a facility or facility area. Facility may be a building, a collection of buildings, or in some way a constructed area intended for production, service provision, or recreation.	Reviewed and established names by Lantmäteriet's place name section. Examples include names of airports, lighthouses, power plants, hiking trails, national border markers, town squares, sports facilities. Names of airports are presented according to lists retrieved from AIP (Swedish Transport Agency list of airports). Airports listed with names have facilities and operate on a schedule. Names of lighthouses are always spelled out in letters when there is a number in the name.
BEBTX	Built-up area names	Name of built-up areas. Built-up areas refer to a building or a collection of buildings primarily intended for residential	Names reviewed and established by Lantmäteriet's place name section.

Detail type	Name	Description	Selection
		or offices purposes. Examples include names of villages, farms, cottages as well as other individual built-up areas. Note: Names of urban areas can also be included in this category.	
BEBTÄTTX	Place names of localities	Name of densely built-up areas.	Names reviewed and established by Lantmäteriet's place name section. The naming must be the established place name, ex. Gävle, Andersberg, Huskvarna, Norrhult, Klavreström or Svansjö sommarby. To get an understanding of a locality's spread, Statistics Sweden's locality delimiter can be used as a basis. According to Statistics Sweden's definition, a statistic locality is delimited as a coherent built-up area with at least 200 inhabitants and no more than 200 meters between buildings. Ex. Sundbyberg is included in the statistic locality Stockholm. However, the name Sundbyberg is presented with the detail type BEBTÄTTX because it has more than 200 inhabitants. Names according to Statistics Sweden's statistic localities are only presented in the Overview map scale 1:250 000 as attributes to the localities.
GLACIÄRTX	Name of glacier.	Name of glacier.	Names reviewed and established by Lantmäteriet's place name section.

Detail type	Name	Description	Selection
KOMMUNTX	Municipality name	Name of municipality.	Only presented within enclaves.
KULTURTX	Informational text, cultural-historical remains	Informational texts for ancient remains or other cultural historic remains.	Named remains that are presented according to established lists of informational texts.
KYRKATX	Name of church	Name of a larger church building, parish church, ex parish church, and civil parish church belonging to the Church of Sweden. Chapels (not burial chapels) and church ruins are included in church.	Names reviewed and established by Lantmäteriet's place name section. The suffix *kyrka* (church) is always written after the name. For example, Ovanåkers kyrka. The church's name consists of the parish name in genitive form together with the main word church, for instance, Vendels kyrka.
NATTX	Name of area protected according to *Nature Conservation Act*.	Name of nature and culture reserves as well as nature protection areas that are protected by law.	Names of national parks, nature reserves, domain reserves, culture reserves and seal protection areas that are established by the government and county council for. In cases where the name does not correspond to the approved place names at Lantmäteriet, the place name section is contacted and does an assessment of whether the name should be presented with a name or just informational text.
SANKTX	Name of wetland	Name of wetland.	Names reviewed and established by Lantmäteriet's place name section.
SOCKENTX	Civil parish name	Name of civil parish.	Only presented within enclaves.
TERRTX	Terrain name	Name of nature and terrain phenomenon.	Names reviewed and established by Lantmäteriet's place name section.

Detail type	Name	Description	Selection
TRAKTTX	District name	Name of districts	According to the contents in the Property register.
VATTDELTX	Name of parts of water (lakes and larger water courses)	Name of parts of water. For example, a part of the sea, lake, strait and bay.	Names reviewed and established by Lantmäteriet's place name section.
VATTDRTX	Name of water course	Name of watercourse, rapids, or waterfall.	Names reviewed and established by Lantmäteriet's place name section.
VATTTX	Name of lake	Name of sea and lake.	Names reviewed and established by Lantmäteriet's place name section.

Table 2 Attribute set.

Nr	Attribute	Type	Length	Description
1	ORTNAMN	Text	100	The place names in its full, established form.
2	KVARTSRUTA	Text	7	Indicates within which 25x25 km square the name exists. (The square corresponds to the Terrain map's old map sheet division into quarter squares) For example: 66_6_01
3	XKOORD	Decimal	7,0	The northern coordinate for the name's text insertion point.
4	YKOORD	Decimal	7,0	The eastern coordinate for the name's text insertion point.
5	LANSKOD	Text	2	Statistics Sweden's numeric county code.
6	KOMMUNKOD	Text	2	Statistics Sweden's numeric municipality code.
7	DETALJTYP	Text	12	An alphabetic code for current name category.

Nr	Attribute	Type	Length	Description
8	SPRAK	Text	2	Indicates the name's language affiliation, see table 3.
9	LOPNR	Decimal	14,0	A serial number for each named object. The serial number is neither unique nor stable.
10	SNST_ID	Text	4	Numeric code for the civil parish and town the name belongs to.
11	SOCKENSTAD	Text	100	Name for civil parish and town.

Table 3 Language code with description.

Language code	Description
SV	Swedish
NS	Northern Sámi
LS	Lule Sámi
SS	Southern Sámi
FI	Finnish
US	Ume Sámi
TF	Meänkieli (Tornedalen Finnish)

5.2 Attribute set for text file in CSV format

For a description of the contents in the attribute DETALJTYP and SPRAK see table 1 and table 3. The first row in the delivery file consists of the column name.

Table 4 Attribute set.

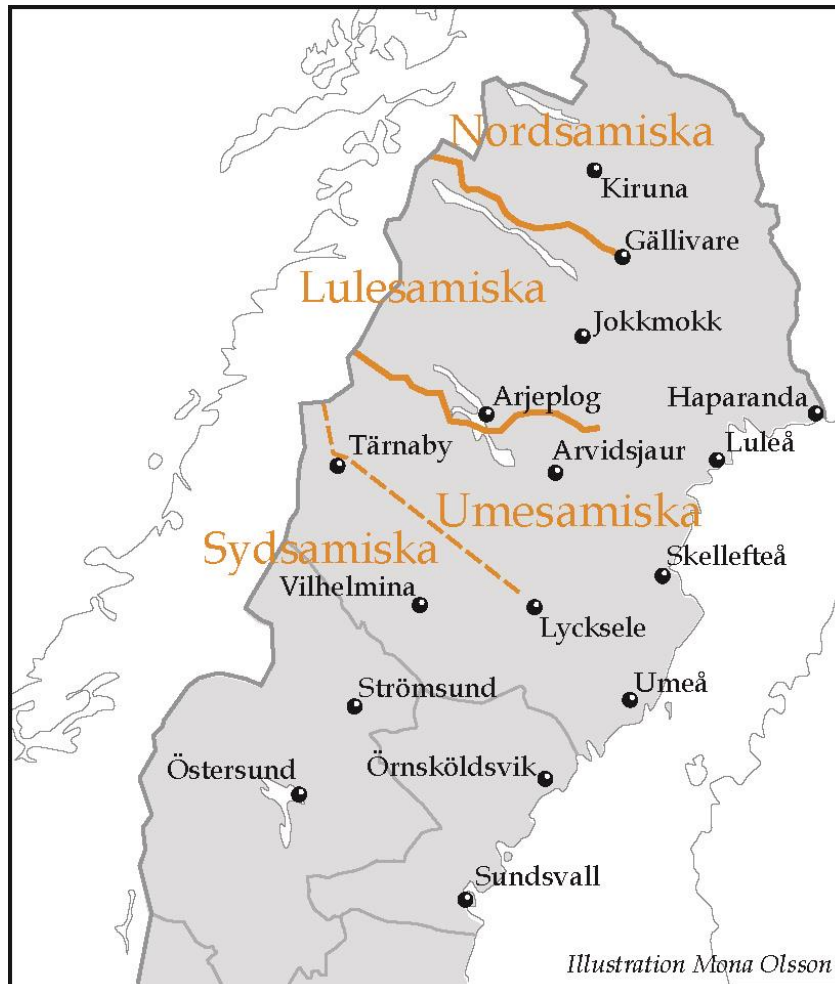| Nr	Column	Description
1	ORTNAMN	The place name in its full, established form.
2	KVARTSRUTA	Indicates within which 25x25 km square (corresponding to the Terrain map's old map sheet division into quarter squares) the name exists. Ex: 66_6_01
3	YKOORD	The eastern coordinate for the name's text insertion point.
4	XKOORD	The northern coordinate for the name's text insertion point.
5	LANSKOD	Statistics Sweden's numeric county code.
6	KOMMUNKOD	Statistics Sweden's numeric municipality code.
7	DETALJTYP	An alphabetic code for current name category.
8	SPRAK	Indicates the name's language affiliation, see table 3.
9	LOPNR	A serial number for each named object. The serial number is neither unique nor stable.
10	SNST_ID	Numeric code for the civil parish and town the name belongs to.
11	SOCKENSTAD	Name for civil parish and town.

6 List of changes

Table 5 Table for list of changes.

Version	Date	Reason and change from previous version
1.1	2024-02-26	First version in English

Appendix 1: Presentation of Sámi place names

Figure 2 Map of the spread of Sámi language areas.

Appendix 2: List of Sami Characters

Table 6: Codes for Sami characters in ISO 8859–10.

Character	ISO 8859-10
Á	193
á	225
Š	170
š	186
Č	200
č	232
Ž	172
ž	188
Đ	169
đ	185
Ŋ	175
ŋ	191
ŧ	187
Ŧ	171
Ě	203
ě	235
Ń	209
ń	241