

PRODUCT DESCRIPTION

Administrative Units Download, vector

DOCUMENT VERSION: 1.4

Figure 1 Selection from Administrative Units Download, vector.

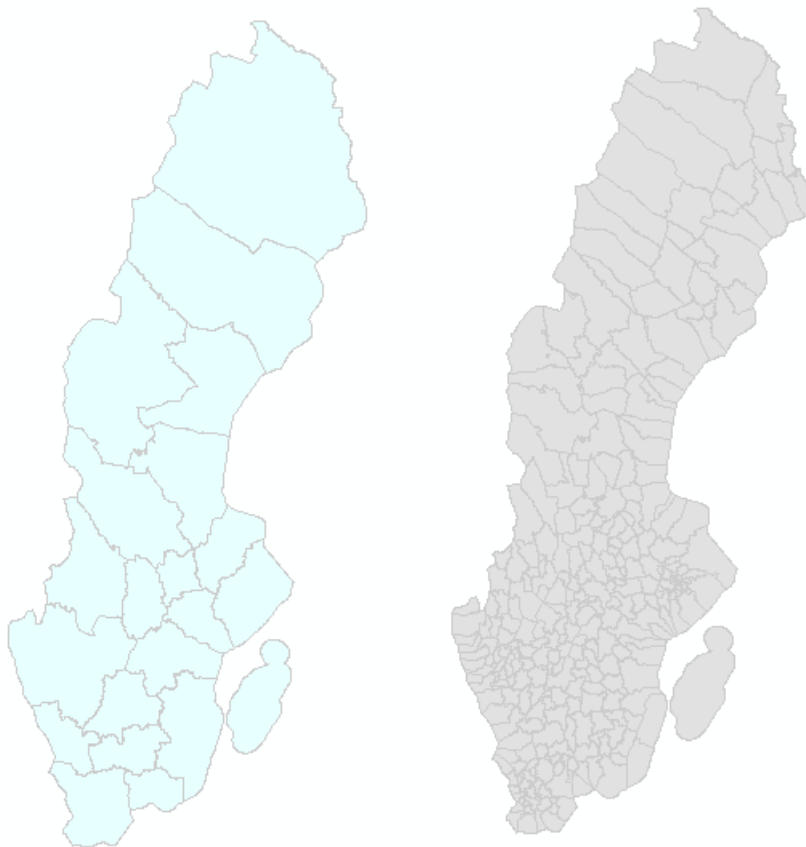


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I General description

1.1 Content

The product contains all areas for Sweden's county and municipal units. The content of the information corresponds to what is provided in Cadastral Parcels Download, vector.

Administrative Units Download, vector can be combined with the product Topography 10 Download, vector.

1.2 Geographic coverage

Nationwide.

1.3 Geographical selection

The product is only delivered nationwide.

1.4 Coordinate system

Plane: SWEREF 99 TM

For information on what other coordinate systems the product can be delivered in, refer to the document [Avgifter och leveransinformation för Lantmäteriets geodata \(pdf, in Swedish\)](#) about fees and delivery information for Lantmäteriet geodata on Lantmäteriet's website.

2 Quality description

2.1 Purpose and utility

Administrative Units Download, vector is a product that can be used to visualize the coverage of counties and municipalities in Sweden. The product can be combined with other types of vector data to gain an overview of the administrative affiliation of other data.

2.2 Data capture

The administrative units are generated based on Sweden's property division.

2.2.1 LINAGE

The property information is continuously updated and forms the basis for the division into counties and municipalities. In Lantmäteriet's system, counties and municipalities are generated based on the geometries available for property division.

2.3 Maintenance

2.3.1 MAINTENANCE FREQUENCY

The information is updated weekly during the weekend.

2.4 Data quality

2.4.1 COMPLETENESS

The completeness is very high for the information in Administrative Units Download, vector.

2.4.2 LOGICAL CONSISTENCY

The structure of point objects, line objects, and area objects has such requirements for geometric positions that it should be possible to easily create topology.

When storing objects in the database at Lantmäteriet, it is checked that the objects follow the geometric and topological rules that are in place, and that the information corresponds to OGC's (Open Geospatial Consortium) requirements for geometries. Value ranges and object types are also checked for validity before being stored in the database.

2.4.3 THEMATIC ACCURACY

The thematic accuracy is very high.

2.4.4 TEMPORAL QUALITY

The temporal reference for each geometry is provided in the attribute for change date, **adat**. Please refer to the layer description in section 5.

2.4.5 POSITIONAL UNCERTAINTY

The positional uncertainty is not specifically reported for county and municipality division.

For positional uncertainty, please refer to the product Cadastral Parcels Download, vector, where the positional uncertainty is specified for each boundary line.

3 Contents of the delivery

3.1 Folder structure at delivery

The files delivered are Geopackage files with containing data, and a JSON-file with a description of the contents of the data file.

The Geopackage files can be ordered from Geotorget.

Other files for styling and symbols are available for download on the [product page](#).

3.2 Delivery format

The information is delivered in the [Geopackage](#) format.

3.3 File sets

The information is delivered in a gpkg file, and a description of the data content is delivered in a json file.

3.4 Layering

The information is divided into different layers and are named after theme and geometry type.

The layer names begin with the theme and extent before the layer name when imported into software.

Example: **admindelning_sverige kommunyta**

The content consists of two polygon layers, one for all counties and one for all municipalities, refer to detailed layer description in chapter 5.

4 Layout and plotting of data

4.1 Extent

Administrative units are only delivered nationwide.

4.2 On-screen presentation

For styling, a LYR file is provided for ArcGIS/ArcMap and a LYRX file for ArcGIS Pro. In ArcGIS/ArcMap, data should be saved in a geodatabase to achieve full functionality.

For QGIS, a QLR file is provided for styling.

Symbols specific to Lantmäteriet's data are provided in a symbol file, LMTopografisymboler.ttf.

The styling file and symbol file are available for download on the [product page](#).

5 Layer description and code list

5.1 Administrative units

A part of the Real Property Register is the digital Cadastral Index Map (DRK), in accordance with section 37 of the Real Property Register Ordinance, includes, among other things, the division into counties and municipalities (administrative units).

Table 1. Included layers in Administrative unit.

Administrative unit	Layer name
County (polygon)	lansyta
Municipality (polygon)	kommunyta

5.1.1 POLYGON LAYER WITH COUNTIES

Contains polygons for counties, including enclaves. An enclave is a county area located within another county.

Table 2. Contents in Polygon layer with counties (Layer name: lansyta)

Detail type	Name	Description	Selection
LÄN	County area	Statistic Sweden's numerical code for the county which the name belongs to.	Completely included.

Table 3. Attribute set for Polygon layer with counties.

Attribute	Type	Length	Description
detaljtyp	Text	10	Code for detail type.
adat	DateTime	23	Date/time of the latest change. Note that it does not need to be the latest update. Specified in format: 2019-04-26T11:28:03.000.
lankod	Text	2	County code.
lanbok	Text	2	County letter.
lannamn	Text	30	Name of county.

5.1.2 POLYGON LAYER WITH MUNICIPALITIES

Contains polygons for municipalities, including enclaves. An enclave is a municipalities area located within another municipality.

Table 4 Contents in Polygon layer with municipalities (Layer name: kommunyta)

Detail type	Name	Description	Selection
KOMMUN	Municipality area	Statistic Sweden's numerical code for the municipality which the name belongs to.	Completely included.

Table 5. Attribute set for Polygon layer with municipalities

Attribute	Type	Length	Description
detaljtyp	Text	10	Code for detail type
adat	DateTime	23	Date/time of the latest change. Note that it does not need to be the latest update. Specified in format: 2019-04-26T11:28:03.000.
lankod	Text	2	County code.
kom- munkod	Text	4	Municipality code
kommun- namn	Text	16	Name of municipality.