PRODUCT DESCRIPTION

Geographic Division Direct

DOCUMENT VERSION: 2.2
CONCERNING THE INTERFACE VERSION OF THE SERVICE: 2.0.1

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1 General description

In this document the structure of the service Geographic Classification Direct is described, along with the information it includes. The information cannot be displayed directly in a web browser but needs to be downloaded and displayed in a system or an application. The service has REST interface, and the responses are delivered either in XML or JSON format.

Detailed information about this is available in the technical description for Geographic Classification Direct, where there is also an interface definition with valid WSDL and XML schema.

The service is designed to retrieve information about municipality and county classification as well as land register civil parish and district classification.

The service is normally free of charge, but a fee is charged when information on municipal and county classification, including geometries for detailed and detailed without enclaves, is needed. This is made possible by a specific login for access to the information.

1.1 Geographic coverage

The information covers the entire Sweden.

1.2 Coordinate system

Plane: See the technical description.

2 Quality description

The information primarily consists of established counties, municipalities and districts which change based on decisions by parliament and government.

Land register civil parish is an older historical classification that is modified in the case of errors.

2.1 Purpose and utility

The information is suitable to use to localize various geographic classifications.

2.2 Data capture

2.2.1 LINEAGE

The information has been developed following decisions in parliament and government as well as by Statistics Sweden (SCB).

2.3 Maintenance

Changes are made to the information after decisions about changes to the county and municipality classification,

2.3.1   MAINTENANCE FREQUENCY

Updates to county and municipal divisions are continuously made during updates to the Cadastral Index Map.

Updates occur when decisions are made to change the location of the boundary or when geometries change without altering the boundary's position. Updates without changing the boundary's position are most common. An example of such a change is when the geometry of a municipal boundary is divided due to the subdivision of a property with a boundary to another municipality, but the position of the municipal boundary's geometry remains unchanged.

Changes to the boundary's position occur, for instance, when a property boundary, serving as a boundary to another municipality, changes position. In such cases, the involved municipalities collectively determine the new location of the municipal boundary. This applies to all adjustments to a property boundary if there is no intention to transfer an entire property to another municipality. Government approval is required for the transfer of entire properties.

Land register civil parish and District are static classifications that are only updated if errors occur.

2.4   Data quality

2.4.1   COMPLETENESS

The information is complete.

2.4.2   LOGICAL CONSISTENCY

The information covers the entire Sweden.

2.4.3   THEMATIC ACCURACY

The thematic accuracy is very high.

2.4.4   TIME ACCURACY

The time accuracy is very high.

2.4.5   POSITIONAL ACCURACY

There are no requirements to specify positional accuracy for the boundaries.
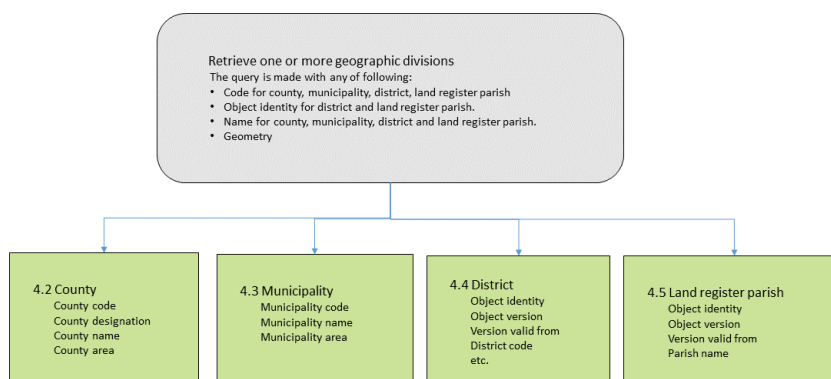
3 Functions

Detailed description of how the images should be interpreted can be found at Lantmäteriet's website under [This is how the direct access services work](#).

3.1 Retrieve geographic division

The query is made by specifying the type of geographic classification to be retrieved as well as identity for each type. For the geographic classification County, the county code or county letter is used as identity, for Municipality the municipality code is used, for District the object identity or district code is used, for Land register civil parish the object identity is used. It is also possible to retrieve geographic classification with the entire or parts of a specified name, specified **geometry** or choose to retrieve all parts of the selected classification.

3.1 Retrieve Geographical Classification

Figure 1 Illustration about how the information is connected, how queries are asked, and what information is provided in the response.

By specifying the level of detail, Detailed, Overview or Detailed without enclaves, you indicate the precision of spatial searches.

Selecting Detailed conducts, a search against the detailed geometry, selecting Overview conducts a search against the overview geometry, and selecting for Detailed without enclaves conducts a search against the detailed geometry without enclaves. The level of detail is only valid for the geographic classifications County and Municipality. For District and Land register civil parish the detailed geometry is downloaded regardless of choice.

4 Information content

The service provides information about the geographic classifications: county, municipality, district, and land register civil parish.

4.1 County

Table 1. Table with information provided for county.

County	A county is a type of geographic division in Sweden
länskod	County code, a two-digit code according to the national classification.
länsbokstav	County designation in the form of one or two letters.
länsnamn	The county name in plain text.
länsyta	The spatial extent of the county with coordinates specified in SWEREF 99 TM, in the order of northing, easting.

4.2 Municipality

Table 2. Table with information provided for municipality.

Municipality	A municipality is a type of geographic division of Sweden
kommunkod	Municipality code, a four-digit code according to the national classification.
kommunnamn	The municipality's name in plain text.
kommunyta	The spatial extent of the municipality with coordinates specified in SWEREF 99 TM, in the order of northing, easting.

4.3 District

Table 3. Table with information provided for district.

District	A district is a type of geographic division of Sweden
objektidentitet	Globally unique identity for the object.
objektversion	Specifies the version of the object.
version giltig från	States when a certain version has become valid and is only used to keep track of versions (does not refer to the validity and decision date of the information).
distriktskod	District code, a six-digit code.
distriktsnamn	The district name in plane text.
distriktsyta	The spatial extent of the district with coordinates specified in SWEREF 99 TM, in the order of northing, easting.
gäller från	Date when this version of the district became valid.

4.4 Land register civil parish

Table 4. Table with information provided for land register civil parish.

Land register civil parish	A land register civil parish is a type of geographic division of Sweden
objektidentitet	Globally unique identity for the object.
objektversion	Specifies the version of the object.
version giltig från	States when a certain version has become valid and is only used to keep track of versions (does not refer to the validity and decision date of the information).
sockennamn	The civil parish name in plain text.
sockenyta	The spatial extent of the civil parish with coordinates specified in SWEREF 99 TM, in the order of northing, easting.

5 List of changes

Table 5. Table for list of changes

Version	Date	Reason and change from previous version
2.2	2022-10-19	First established version in English (2024-02-02)