

This is a translation of the original documentation which was provided in Norwegian.

Snow Report Service

This document briefly describes the parameters required to call the Snow Report Service to extract reports over epidemiology for a given geographical area. There is also a small section of what the reports contain.

This is a service which has been used for a long time to serve the Silverlight client which can be reached at <http://snow.telemed.no>. At the current time the service is delivered as best effort and there are no guarantees of uptime or operations. There could be requirements for authentication for the use of this service.

The service is updated with new reports every morning at 06:00.

Endpoint:

<http://snow.telemed.no/axis2/services/ReportService>

Parameters

Below is a list of parameters needed to query the service. The only required parameter is the one specifying geographical area (county), but you can also supply which symptom group and subcategory you want to filter by.

1. Location (args0)
 - a. **18_ALL** for Nordland county
 - b. **19_ALL** for Troms county
 - c. **20_ALL** for Finnmark county
2. Symptom group (optional)
 - a. **Luftvei** for airway
 - b. **Gastrointestinalt** for gastrointestinal
3. Subcategory (optional)
 - a. For airways one of the following can be used:
 - i. **Influenza A**
 - ii. **RS-virus**
 - iii. **Forkjolelsesvirus**
 - iv. **Atypiskeluftveisagens**
 - v. **Andre bakterier**
 - vi. **Influenza B**
 - b. For gastrointestinal one of the following can be applied:
 - i. **Bakterie**
 - ii. **Virus**
 - iii. **Parasitter**

Examples

Get all data from Nordland county:

http://snow.telemed.no/axis2/services/ReportService/getReport?args0=18_ALL

Get all airways data from Troms county:

http://snow.telemed.no/axis2/services/ReportService/getReport?args0=19_ALL&args1=Luftvei

Get airways other bacteria data from Troms county:

http://snow.telemed.no/axis2/services/ReportService/getReport?args0=19_ALL&args1=Luftvei&args2=andre%20bakterier

Get gastrointestinal bacteria data from Nordland county:

http://snow.telemed.no/axis2/services/ReportService/getReport?args0=18_ALL&args1=Gastrointestinal&args2=Bakterie

Get cold virus data from Finnmark county:

http://snow.telemed.no/axis2/services/ReportService/getReport?args0=20_ALL&args1=Luftvei&args2=forkjoelsesvirus

The reports

The reports are quite comprehensive, as they contain aggregated data for several demographics and geographical areas:

- Age group
- Gender
- Patient or consignor address (onLocation)
- Municipality / County
- Levels for symptom group, sub category, and agent

We do not go into detail here, but take an overall look on what data that exists.

The reports go roughly half a year back in time, and are generally aggregated over 7 days. When values are aggregated over 7 days there are 28 values (meaning we go 28 weeks back in time).

For data which is specified with age and/or gender, aggregation is done over 28 days instead of 7 days, and is only available at a county level. In this case 7 values are given.

The last (rightmost) value is the value for the last month/week.

Negative Trend

Some datasets have **Resultat=Negativ trend**, which is the number of tests with negative results.

Data from doctor's offices

We also have two doctor's offices in Tromsø as part of the study. They are currently not providing any data as they have made updates to their systems without us giving priority to getting things back up and running again.

For doctor's offices, we have only created statistics for the number of contacts with diagnoses within airways, and the number of contacts with diagnoses within stomach/intestinal. These can be found as "**Resultat=Symptomer-luftvei**" and "**Resultat=Symptomer-mage**".