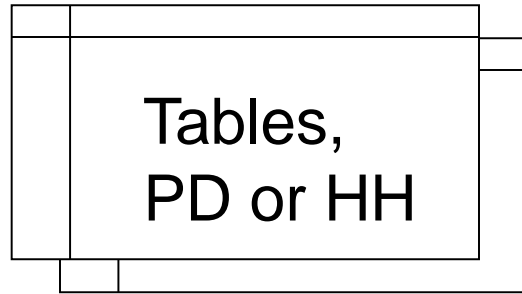
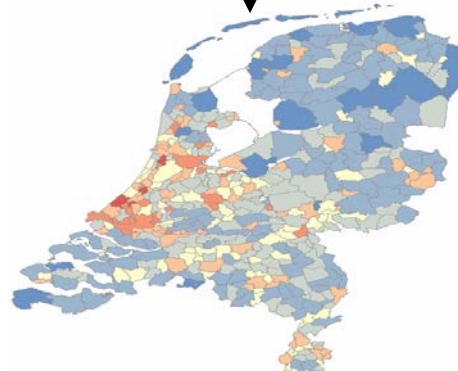


What's the problem?



Geoservices
SU



Convert data to SDMX and CSV

- Convert data to SDMX
 - Only needed if not already SDMX like the
 - Used Eurostat DSD from Geostat 3 (not y
 - <https://ec.europa.eu/eurostat/web/sdmx>
- Convert SDMX files to CSV

The screenshot shows the 'SDMX Converter' application window. The interface is organized into several sections:

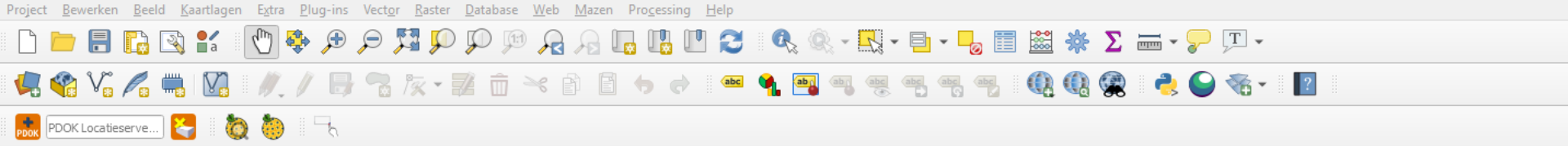
- Input/Output Files and Formats:** Includes fields for 'Input File' and 'Output File', each with a 'Browse' button. 'Input Format' and 'Output Format' are both set to 'CSV'.
- Specify DSD:** Includes 'DSD File' with a 'Browse' button, 'Use Registry' set to 'False', 'DSD Agency', 'DSD ID', and 'DSD Version' fields.
- Specify Dataflow:** Includes 'Specify Dataflow' set to 'False', 'Dataflow Agency', 'Dataflow Id', and 'Dataflow Version' fields.
- Excel Parameter:** Includes 'Parameter File' with a 'Browse' button and a 'Map Parameters' button.
- CSV/FLR/EXCEL:** Includes 'Edit Header' (checkbox), 'Header' field with 'Browse', 'Levels of CSV/FLR file' set to '1', 'Default Mapping' checked and set to 'Map measure Dimension', 'Change Mapping' button, 'Transcoding' button, 'Output Date Format' set to 'SDMX', 'Input Ordered' checked, 'Header Row' set to 'NO_COLUMN_HEADERS', 'CSV Delimiter' set to ';', and 'Write Header' (checkbox).
- Other:** Includes 'Gesmes/TS Technique' set to 'Time Range' and 'SDMX Validation' (checkbox).
- Namespace:** Includes 'Default Namespace' checked and 'Namespace' field.

At the bottom, there are buttons for 'Load Template', 'Save Template', and 'Convert'. A 'Converter Details' button is located in the top right corner.

Join CSV locally to SU

- Use GIS (QGIS or ArcGIS)
- Load SU layer (from SU)
- Load CSV from previous step
- Perform a join operation
- Save result as GIS-file
 - shape file
 - geopackage





Lagen

- PD_NL_LAU_T_2018
- SU-vector GM 2018 AreaStatisticalUnit



- Laag Eigenschappen - SU-vector_GM_...
- Bron
- Symbologie
- Labels
- Diagrammen
- 3D-weergave
- Bronvelden
- Formulier attributen
- Koppelingen**
- Hulpopslag
- Acties
- Tonen
- Rendering
- Variabelen

Vectorkoppeling toevoegen

Koppellaag: PD_NL_LAU_T_2018

Koppelveld: abc GM_SURFACE

Doelveld: abc identifier

Koppellaag in virtueel geheugen 'cachen'

Index voor attributen aanmaken op het koppelveld

Dynamische vorm

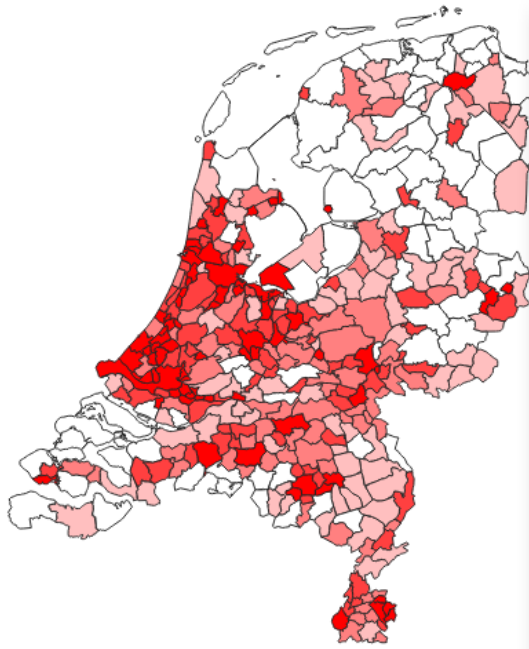
- Bewerkbare samengevoegde laag
- Gekoppelde velden
- Voorvoegsel voor naam aangepast veld

agen

PD_NL_LAU_T_2018

SU-vector GM 2018 AreaStatisticalUnit

- 24,9 - 191,9
- 191,9 - 314,0
- 314,0 - 546,8
- 546,8 - 1204,7
- 1204,7 - 6220,9



Laag Eigenschappen - SU-vector_GM_2018 AreaStatisticalUnit | Symbologie

Gradueel

Kolom: $1000000 * \text{to_real}(\text{"PD_NL_LAU_T_2018_OBS_VALUE"}) / \text{"areaValue"}$

Symbol: Wijzigen...

Indeling Legenda: %1 - %2

Methode: Color

Kleurverloop:

Klassen Histogram

Symbol	Waarden	Legenda
<input checked="" type="checkbox"/> 	24,86 - 191,88	24,9 - 191,9
<input checked="" type="checkbox"/> 	191,88 - 313,96	191,9 - 314,0
<input checked="" type="checkbox"/> 	313,96 - 546,82	314,0 - 546,8
<input checked="" type="checkbox"/> 	546,82 - 1204,66	546,8 - 1204,7
<input checked="" type="checkbox"/> 	1204,66 - 6220,95	1204,7 - 6220,9

Modus: Kwantiel (Gelijke Telling)

Classificeren Alles verwijderen

Klassengrenzen koppelen

Renderen van lagen

Stijl

OK

Create metadata of dataset

   Record beheren  Download  Weergave

Population Distribution NL

Brontype: Dataset

This dataset contains SDMX files with total population of the Netherlands according to the INSPIRE datamodel for Population Distribution version 3.0.

[Beschrijving](#) [Contact gegevens](#) [Downloads, views en links](#) [INSPIRE](#)

Downloads, views en links



SDMX file with total population of the Netherlands in 2018 per NUTS2 region http://ec.europa.eu/eurostat/SDMX/diss-web/rest/data/demo_f_pjangroup/.T.TOTAL.NL11+NL12+NL13+NL21+NL22+NL23+NL31+NL32+NL33+NL34+NL41+NL42?startPeriod=2018

Download data



SDMX file with total population of the Netherlands in 2018 per LAU region https://geodata.cbs.nl/files/INSPIRE/PD_NL_LAU_2018_T.xml

Download data

Overzicht



Population Distribution NL 2012

Ruimtelijke dekking



Create INSPIRE Services

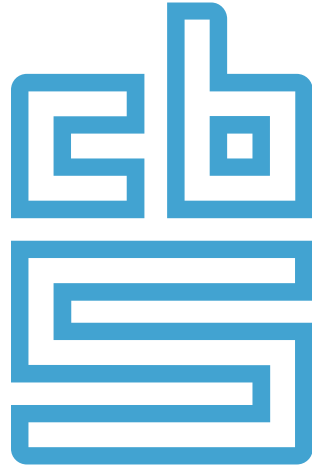
- Atom feed to SDMX file as official INSPIRE Download service
- WMS as official INSPIRE View service from GIS-file
- WFS (simple feature) services from GIS-file
(applicationProfile: other)
- Metadata of services



Conclusions

- INSPIRE is too complicated for a TJS and does not fit the temporary TJS approach
- Alternative for PD and HH:
 - INSPIRE Download: Atom feed to the SDMX files
 - INSPIRE View: WMS on local join SDMX or CSV with SU
- We need an official Inspire DSD for SDMX for PD and HH





Facts that matter