

Open Data – Increased Use of Official Statistics

Theme Dissemination, Session 3.4: Open data

Marie Haldorson, Statistics Sweden

Outline

- Advocating for open data in the statistical community
- Special focus on local-level statistics
- Statistics Sweden's experiences
- Publish with purpose

Statistics Sweden's open data journey

- 2017: Introducing the concept, establish baseline
- 2018: Focus on commissioned services (local-level statistics and more)
- 2018: Member of UN Open data WG – work stream on local-level statistics
- 2019: New local-level geography for Sweden (DeSO)
- 2020: Guide from the UN ODWG presented at UNSC
- 2021: Publishing statistics on DeSO
- 2021: DCAT-AP -> National dataportal, new licence CC0
- 2021: Government assignment – open data by default for NSS
- 2022: Increased focus on use of local-level statistics

Working Group on Open Data



Background

In 2018, the Statistical Commission, in its [decision 49/105](#), created a subgroup on open data under the Friends of the Chair group on the Fundamental Principles of Official Statistics (FOC-FPOS) to work on principles, guidance and support for the implementation of open data in countries. The subgroup presented its work at the 50th session of the Commission including a mapping of open data principles to the Fundamental Principles, a synthesis of existing open data work and analysis of other matters relating to the implementation of open data in official statistics.

At its 50th session, the Statistical Commission in its [decision 50/105](#), agreed that an open data working group be established in order to continue the work on open data, including the development of guidance for the assessment and practical application of open data in the context of official statistics and requested the group to present its work at the fifty-first session of the Commission and every two years thereafter.

Events

- [2018 IODC event on national SDG reporting](#)
- [2017 Friday Seminar on Open Data](#)
- [2017 International Seminar on Open Data for the SDGs](#)

Documents

- [2020 UNSC Report](#)
- [2020 UNSC Background Document: Guidance on the implementation of open data in national statistical offices](#)
- [2020 UNSC Background Document: Local-level Statistics as Open Data](#)
- [2019 UNSC Report](#)
- [2019 UNSC Background Document](#)

Twitter

Tweets by @UNStats



Already slow progress on child malnutrition has likely been set back further by the pandemic and growing food

Local-level statistics as open data: Four steps

- **Geography:** Choosing the right geography for local-level official statistics
- **Content:** Choosing relevant statistical content
- Finding a balance between utility and **privacy**
- Increased **visibility** for local-level statistics – increased use

Alternativ

Här kan du se vilka Regionala statistikområden (RegSO) och Demografiska statistikområden (DeSO) som finns inom en kommun eller län.

Om du vill se vilka DeSO eller RegSO som finns i din kommun, börja med att välja län och sen kommun inom länet. När du väljer ett enskilt DeSO zoomar kartan in mot området. Använd plus och minus i kartan för att zooma in/ut. Du kan även byta bakgrundskarta för orienteringen.

Om du redan vet koden för ett DeSO kan du direkt skriva den under välj DeSO så zoomar kartan dit.

Välj län

Ingen vald

Välj kommun

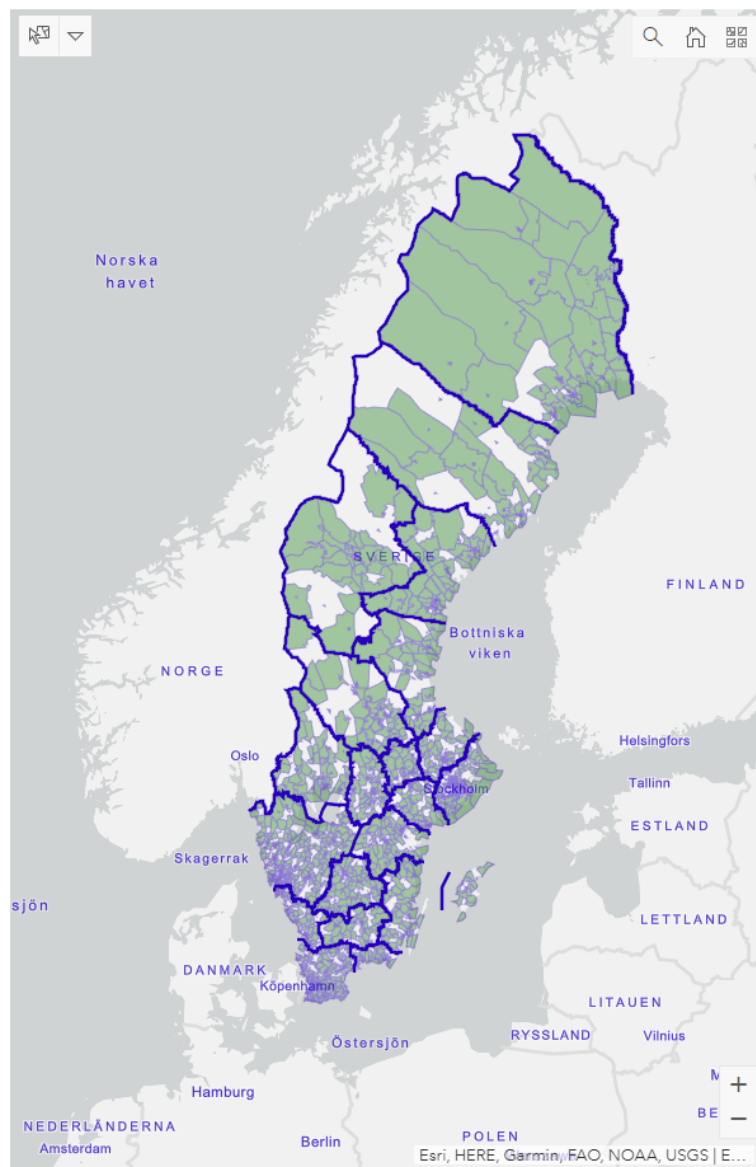
Ingen vald

Välj RegSO

Ingen vald

Välj DeSO

Ingen vald

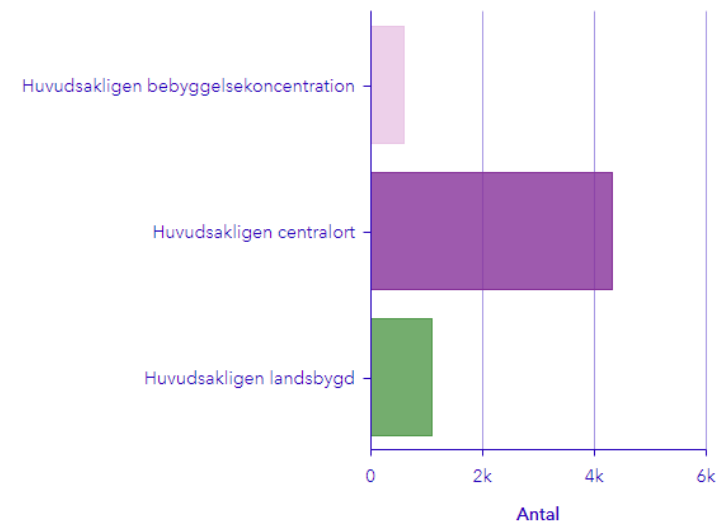


Demografiska statistikområden (DeSO)

Antal valda områden

5 984

Antal Demografiska statistikområden (DeSO) efter kategori



Källor:

Mer information om de regionala indelningarna finns här:

- Län och kommuner
- Regionala statistikområden (RegSO)
- Demografiska statistikområden (DeSO)

Content: DeSO Tables

Statistics on DeSO

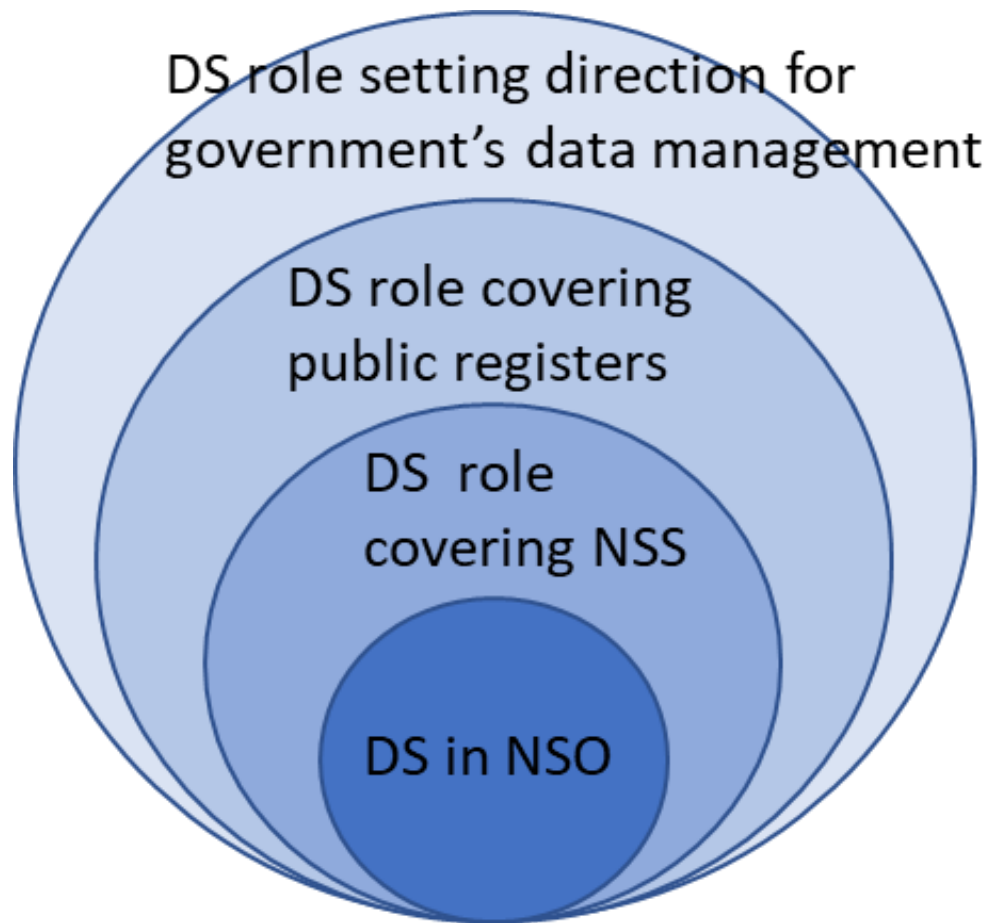
	First published	Database retrievals		API retrievals	
		2021	2022*	2021	2022*
Population by age and sex (2010 -)	March 2021	3 044	2 669	64 002	13 935
Population by total income or net income as % in quartiles (2011 -)	January 2021	956	1 497	6 777	8 033
Population by net income and sex (2011 -)	January 2021	1 058	1 231	8 640	7 093
Population by educational level (2015 -)	May 2021	893	1 390	3 641	2 217
Population by type of real estate (2012 -)	April 2021	232	274	1 052	1 984
Population by Swedish/foreign background and sex (2010 -)	March 2021	964	1 426	3 769	1 883
Households by type of household (2011 -)	March 2021	652	505	2 356	1 764
Population by high/low disposable income and sex (2011 -)	March 2021	765	893	843	1 698
Population by sex (2010 -)	May 2021	302	278	833	1 324
Dwellings by form of tenure (2015 -)	March 2021	812	519	3 540	1 316
Population by disposable income as % in quartiles (2011 -)	April 2020	658	512	4 177	1 258
Population by citizenship and sex (2010 -)	January 2021	229	245	1 348	1 183
Passenger cars by status (2015 -)	March 2021	51	823	76	1 028
Population by type of tenure (2012 -)	December 2020	225	190	721	957
Population by civil status and sex (2010 -)	April 2021	138	133	2 230	915
Population by region of birth and sex (2010 -)	March 2021	250	302	1 992	870
Population by employment and sex (2018 -)	March 2021	352	161	3 328	864
Foreign-born gainfully employed by age as % of total population (2018 -)	November 2020	368	144	951	437
Gainfully employed by region of birth (2018 -)	November 2020	274	92	1 047	435
TOTAL		▼ 12 223	13 284	▼ 111 323	49 194

TOTAL

* Numbers for January-June 2022

Open Data an important part of Data Stewardship

Government assignment: "Data for smart statistics"



DIGG: Digital Arena

Creating value from open data

First wave:
Data on
request

Third wave:
Publish with
purpose



Second wave:
Open by default

Thank you!

marie.haldorson@scb.se