Agenda

- Organization
- Data
- Use and products
- Classifications/Taxonomies
Organization

- Statistics Sweden is responsible for the official labour market statistics.
- PES’s instructions: ”[…]continuously produce and make available […] statistics on the labour market and labour market programs[…]”.
- IT-department.
- Department of Analysis – Statistics unit (10 employees).
Data

- Captured from different systems into a data warehouse (some data from outside PES).
- Persons registered with the employment agency.
  - Dates, age, gender, education, occupation, ALMP, birthplace, residence…
- Suppliers
- Employers
- Job vacancies ([Platsbanken](#) and [JobTech Dev.](#))
  - Data from job ads e.g. information about occupation, employer, place, time…
- Notices of termination
  - Number of notices, industry, region/municipality…
Data use

- **External:** e.g. Statistics Sweden, other government agencies and researchers.
- **Internal:** Department of analysis
  - Forecasts – e.g. unemployment, occupation demand, costs of ALMP.
  - Different analyses.
  - *(Analyser och prognoser)*
  - Statistics – for internal and external use.
Products

- On demand statistics - government, journalists, the public, PES…
- Periodically (e.g. monthly)
  - E.g. Ministry of Labour, Ministry of Finance, EU, The Swedish Trade Union Confederation, MacroBond, The National Institute of Economic Research, PES.
- Internal portal (Qlik sense).
- External [https://arbetsformedlingen.se/statistik/](https://arbetsformedlingen.se/statistik/)
- Monthly press releases (April)
- Quarterly regional report (automated) (2024 Q1)
- Summer jobs (2024)
- …
Classifications/Taxonomies
National Classifications used

  ○ For classifying and aggregating data about occupations. Adopted from ISCO-08.

● Swedish Standard Industrial Classification (SNI) ([scb.se](scb.se))
  ○ Used to classify enterprises and workplaces according to the activity carried out. Based on the EU’s recommended standards, NACE Rev.2.

● Swedish Standard Classification of Education (SUN) ([scb.se](scb.se))
  ○ Used to classifying education. Based on International Standard Classification of Education (UNESCO).
PES Taxonomy

• For matching purposes (and analysis) SSYK not granular enough
  • Occupational groups vs. occupations
  • Skills

• PES Taxonomy is based on SSYK
  • Developed over time
  • 3 000 occupations
  • 6 500 skills

• Most of the concepts connected to concepts in ESCO (European Skills, Competences, Qualifications and Occupations)

• Needs-driven
● [https://atlas.jobtechdev.se/page/taxonomy.html#](https://atlas.jobtechdev.se/page/taxonomy.html#)

● [https://taxonomy.api.jobtechdev.se/index.html](https://taxonomy.api.jobtechdev.se/index.html)

● [JobEd Connect | Jobtech (jobtechdev.se)](https://jobtechdev.se)