



# Standardization and quality control – essentials for high quality health information

Hanna Tolonen, National Institute for Health and Welfare (THL), Finland  
Simona Giampaoli, Istituto Superiore di Sanità (ISS), Italy



# What and Why?

## Standardization

- Pre-harmonization of primary data collection
- Post-harmonization of secondary data use, and common variables and indicators



## Quality control

- Completeness of information
- Representativeness
  - Data consistency/coherence
- Internal and external validity
  - Training



High quality, representative,  
reliable and comparable health  
information

# Resources



Time consuming

Overlapping  
standards

Availability of  
primary data

Knowledge

Adjusting national  
traditions