



ESS Standard Quality Reporting Implementation: the Point of View of a National Statistical Institute

Session 17 – Quality Reporting

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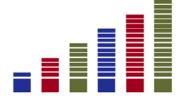
Outline

Harmonisation of Standard Quality Reporting (SQR) at ESS level

Istat work on national implementation

Design of national dissemination of standard quality reports







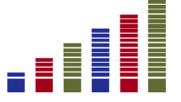
Harmonisation of SQR at ESS level

From the beginning of 2000s till now working groups, task forces, expert groups have worked for the improvement of cross-domain harmonisation of ESS standard quality reporting and for its implementation

Let's consider:

- The results achieved
- What is still missing







Harmonisation of SQR at ESS level

Main results:

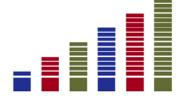
SIMS v. 2.0: "a dynamic and unique inventory of ESS standard reference metadata statistical concepts with definitions and reporting guidelines"

ESMS 2.0 and **ESQRS 2.0**: respectively user-oriented and producer-oriented templates for quality reports, derived from SIMS

ESS QPI: the set of standard quality and performance indicators

National implementation plan for ESS SQR: deadline 2018







Overview of activities at ESS level

Main results:

ESS-MH: Eurostat tool to compile, transmit and publish quality reports

Clear rules for **interoperability** among ESS-MH and national metadata systems







Harmonisation of SQR at ESS level

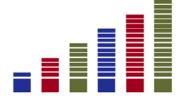
The «to-do-list»:

ESTP Advanced course on quality reporting (24-25 November 2016)

ESS Metadata and Quality Reporting Handbook

Find solutions for domain specific reporting needs





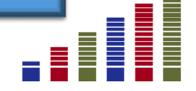


- SIDI/SIQual Istat official system for reference metadata and quality information
- Most of information required by ESMS and ESQRS already documented in SIDI/SIQual
- Grant 2012 "Horizontal and vertical integration: Implementing technical and statistical standards in the European Statistical System"



Development of a SIDI/SIQual subsystem for quality reporting

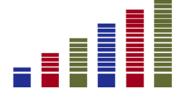






- The subsystem includes:
 - procedures that extract information from SIDI/SIQual database and reorganise it according to ESMS and ESQRS concepts' requirements
 - mapping functionality to associate dinamically procedures and concepts
 - partial automatic pre-compilation of the report and editor to complete compilation
 - creation of SDMX file







Example:

SIMS guideline for the concept «Data collection»

					avaliable for the European Statistical System.
	20.3	Data collection	COLL_METHOD	Systematic process of gathering data for official statistics.	Describe the method used, in case of surveys, to gather data from respondents (e.g. sampling methods, postal survey, CAPI, on-line survey, etc.). Some additional information on questionnaire design and testing, interviewer training, methods used to monitor non-response etc. should be provided here. Questionnaires used should be annexed (if very long: via hyperlink).
ı					Describe the procedures for checking and

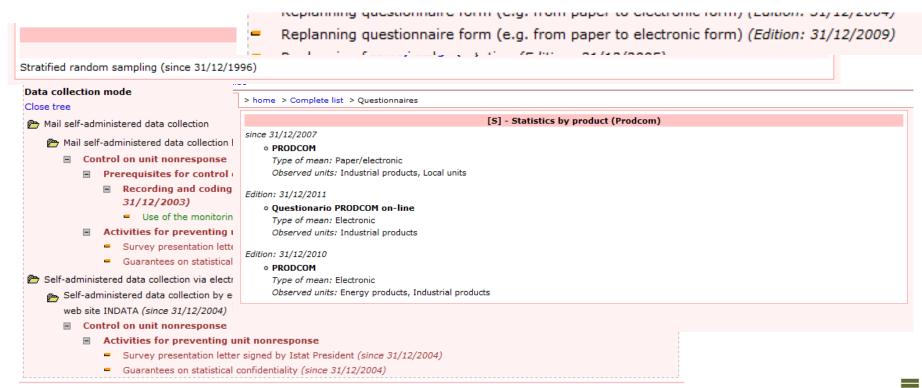




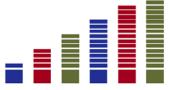


Example:

Information in SIDI/SIQual



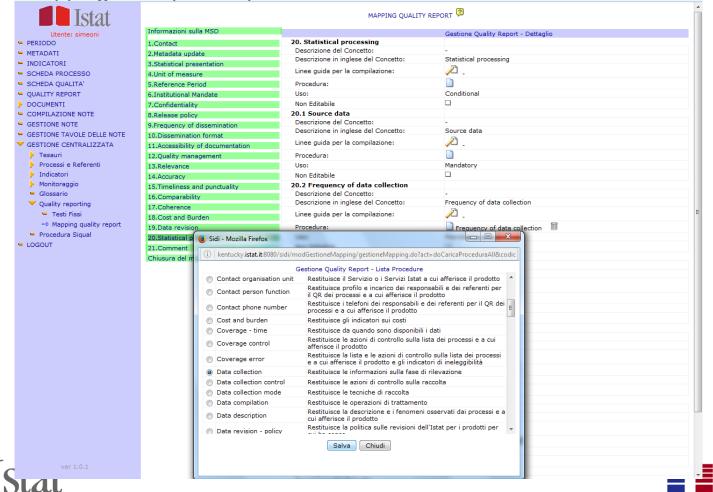






Example:

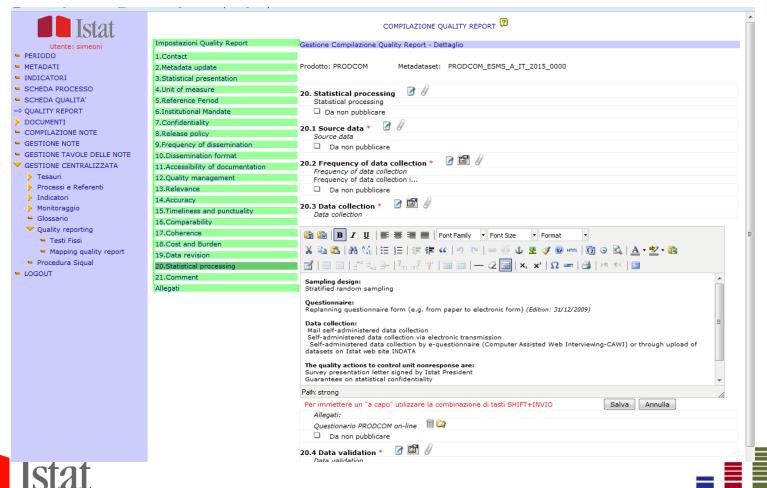
Mapping concept with procedure





Example:

Automatic precompilation and editor to complete





16 Istat work on national

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                              http://www.SDMX.org/resources/SDMXML/schemas/v2_0/message SDMXMessage.xsd"
          Quality in Offici
                              xmlns:generic="http://www.SDMX.org/resources/SDMXML/schemas/v2_0/generic"
                              xmlns:compact="http://www.SDMX.org/resources/SDMXML/schemas/v2_0/compact"
                              xmlns:structure="http://www.SDMX.org/resources/SDMXML/schemas/v2_0/structure"
              Fxamr
                              xmlns:common="http://www.SDMX.org/resources/SDMXML/schemas/v2_0/common"
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    SCHEDA QUALITA'

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⇒ QUALITY REPORT

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DOCUMENTI
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    COMPILAZIONE NOTE

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    GESTIONE NOTE

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    GESTIONE TAYOUR DELLE NOTE.

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▼ GESTIONE CENTRALIZZATA

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  Tesauri
                                     <genericmetadata:MetadataStructureAgencyRef>ESTAT</genericmetadata:MetadataStructureAgencyRef>
  Processi e Referenti
                                     <genericmetadata:ReportRef>ESMS REPORT FULL</genericmetadata:ReportRef>
  Indicatori

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  Monitoraggio
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    Glossario

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  Quality reporting
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    Testi Fissi

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     - Mapping quality report
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  - Procedura Sigual

    LOGOUT

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                                               connected at a Walue > Process manager: Annarita Mancini - Senior Technologist Unit / Project Chief II O. Statistiche sulla produzione ed i
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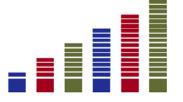






- The passage from the ESS-MH to the SIDI/SIQual subsystem will be gradual and will be completed by the end of 2016
- Improvement of coordination and harmonisation of content
- Internal course on Quality reporting in the last quarter of 2016





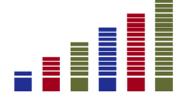


- Istat long tradition in collecting quality indicators but only a few are disseminated
- Improvement action endorsed by Istat in response to one of the recommendation of last round of ESS peer review consists in the dissemination at national level of ESS standard quality reports by the end of 2016

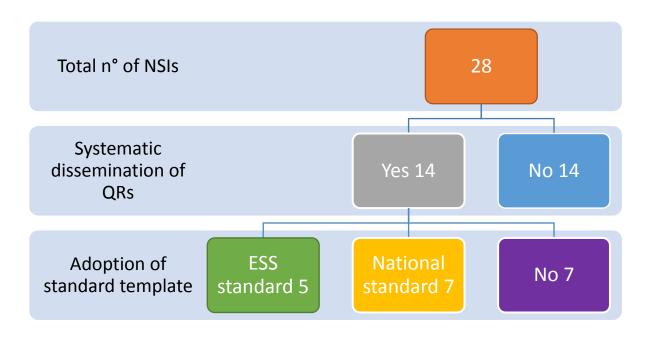


- Review of EU members NSIs' websites looking for quality reports
- Derived proposal for Istat dissemination of QRs







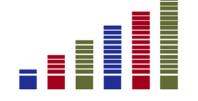


- Almost all in a dedicated section of the R website or - 10 out of 14 organised by theme methodological notes

Other characteristics

- Usually only the most recent quality report is available
- Direct link from data is rare
- Format: mainly plain files

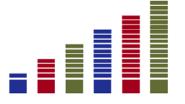






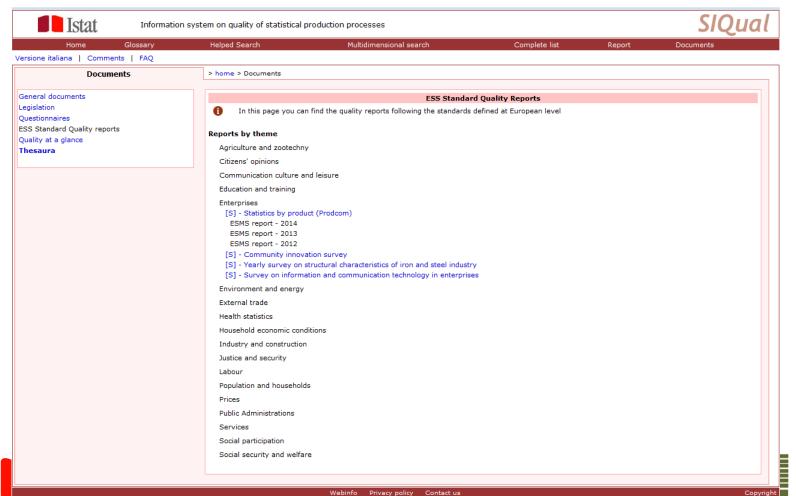
- ESS SQRs will be disseminated via SIDI/SIQual (all) and on the website (the most recent)
- Dedicated section
- Organisation by theme
- Navigable format







Possible interface for dissemination via SIDI/SIQual

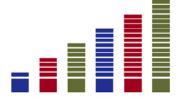




Possible interface for dissemination via SIDI/SIQual

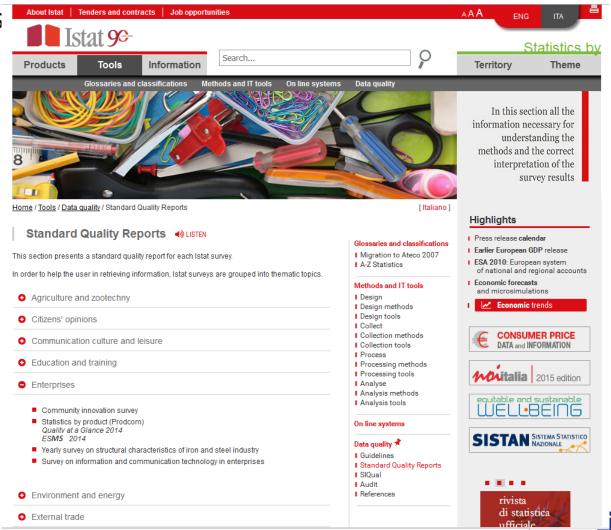
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Home Glossary	Helped Search	Multidimensional search	Complete list	Report	Documents
Versione italiana Comments FAQ					
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Process description Insights					
Summary metadata Legislation Observed phenomena Reporting and observational units	° Reference period: 2014	Quality	at a glance		
Process Design Phases of production process Generalised software Questionnaires	° ESMS 2014 ° ESMS 2013 ° ESMS 2012	ESS Standar	d Quality Reports		
Documents Standard quality reports Data dissemination Publications Online data					
Report		Webinfo Privacy policy Contact us			Copyright







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