TRAINING COURSE IN COORDINATION AND QUALITY MANAGEMENT OF OFFICIAL STATISTICS

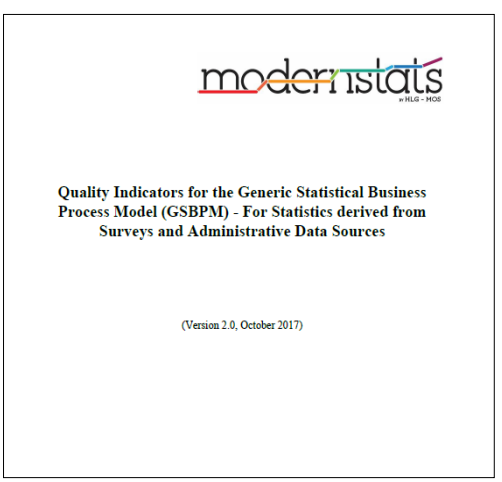
Jerusalem, 13-15 March 2018

The Quality indicators for the GSBPM

Marina Signore
Director of Research, Data collection directorate
Istat

Istat

QIs for the GSBPM



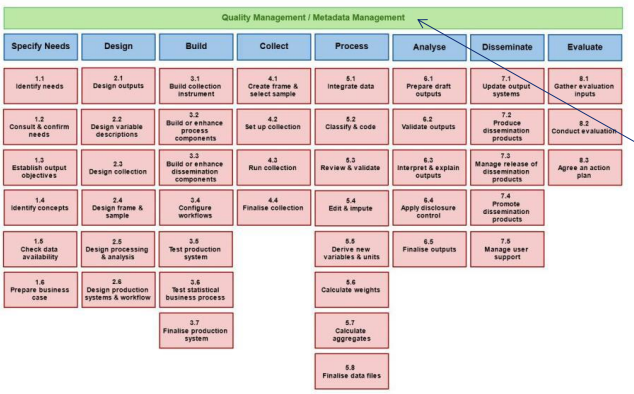
Version 2.0 - October 2017 contains quality indicators for d

For Statistics derived from Surveys and Administrative Data Sources

https://statswiki.unece.org/display/GSBPM/Quality+Indicators+Home

Istat

QIs for the GSBPM



Quality management overarching process

Quality indicators were developed for each phase (1 to 8) and sub-processes

Istat

Characteristics of QIs for GSBPM

Generic indicators

Coherence with existing framework (UN, ESS Q&P indicators,…)

Quantitative indicators whenever possible

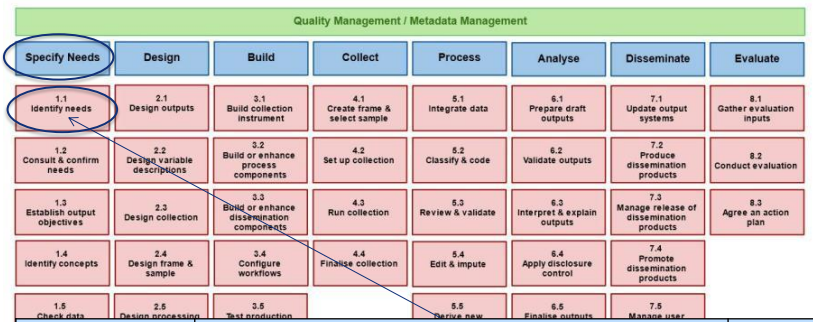
Qualitative indicators

- yes/no
- low/medium/large

Personalisation of the indicators left to NSIs (targets, categories, formulas,….)

Istat

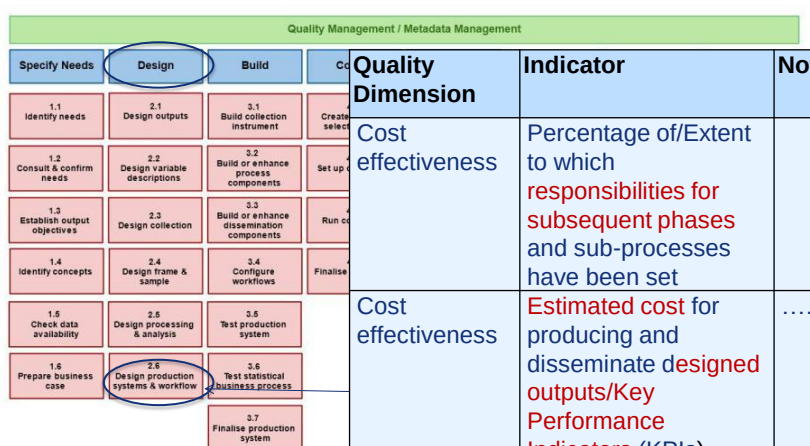
1



Quality Dimension	Indicator	Notes
Relevance	To what extent have stakeholders been identified and included in discussions about statistical needs? To what extent has relevant supporting documentation been gathered?	
…….	……..	……

Istat

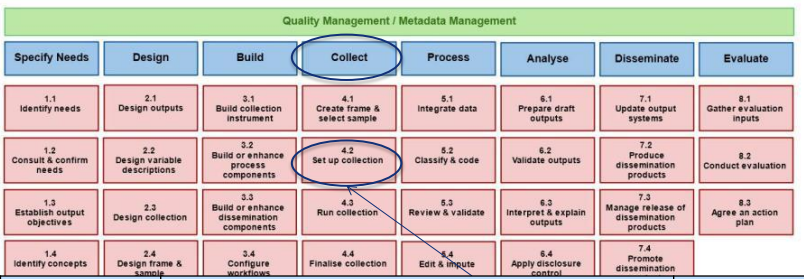
2



Quality Dimension	Indicator	Notes
Cost effectiveness	Percentage of/Extent to which responsibilities for subsequent phases and sub-processes have been set	
Cost effectiveness	Estimated cost for producing and disseminate designed outputs/Key Performance Indicators (KPIs)	……..
……	……	……

Istat

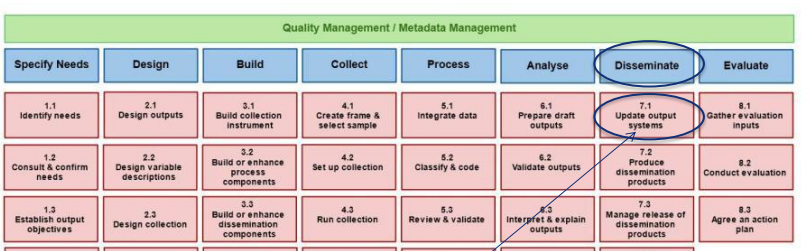
4



Quality Dimension	Indicator	Notes
Timeliness and punctuality	Delay between expected and actual sign-off of collection systems (including data transmission, security, collection management systems, and quality control systems)	Surveys and ADS
……	……..	

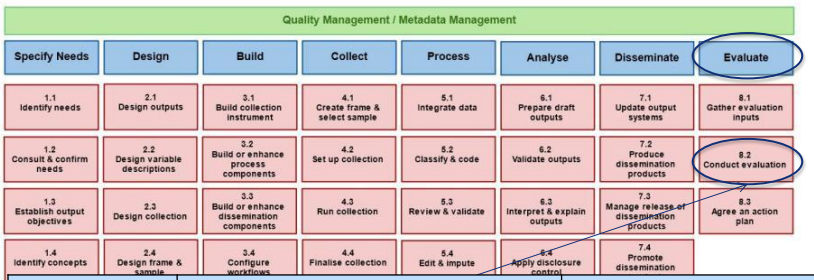
Istat

7



Quality Dimension	Indicator	Notes
Accessibility and clarity	Date of last update of the content of the metadata. - The date of the latest dissemination of the metadata should be specified. - The date on which the metadata element was inserted or modified in the database should be specified.	
……	……..	……

Istat



8

Quality Dimension	Indicator	Notes
Cost effectiveness	Percentage of GSBPM phases and sub-processes for which there were no gaps between planned and attained costs	

QM

Quality Dimension	Indicator	Notes
Quality commitment	For what proportion of GSBPM sub-processes are standardised corporate solutions used?	
Quality commitment	Extent to which quality indicators, metadata and paradata are compliant to standards	

How to use them

QIs for the GSBPM provide:

- A standard framework and a common terminology
- A process-oriented approach to Quality Management

✓Can be tailored by NSIs according to their needs

✓Avoid duplication of work in different sectors within the organisation

✓Map/ fill in gaps with QIs in use in an NSI

Istat