



**United Nations Development Account 10th tranche Statistics and Data**

# **Quality assurance and quality monitoring: International principles and good practices**

*Sound institutional environment, cooperation, dialogue and partnerships  
for the production and utilization of SDG indicators*

**Arab Workshop**

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## What do we mean by quality?



## Fit-for-purpose





## Quality Assurance Framework (QAF)

- Institutional and organizational set-up
- Statistical Input
- Statistical business architecture and production processes
- Statistical output
  - Relevance
  - Accuracy and Reliability
  - Timeliness and Punctuality
  - Coherence and Comparability
  - Accessibility and Clarity





## QAF – Organisational set-up

- A quality policy is made publicly available with clear principles and objectives
- An organizational structure is in place to deal with quality management (cross-cutting)
- Procedures are in place and implemented to assess, plan, monitor and report on quality of input, processes and outputs
- A quality report is submitted to the Statistical Council and made publicly available



## QAF - Input

- Clear mandate for data collection for NSS (Law and programmes)
- Access to/transfer of administrative data with identifier
- Obligation for respondents to participate
- Statistical confidentiality
- Balance costs, response burden and quality
- Sharing data among partners of the NSS
- NSO consulted when collection of administrative data changes (scope, quality, periodicity, granularity, timeliness...)
- Interactions with holders of other data sources (NGOs, Big Data, geospatial information) to explore jointly the potential of this data for the production of official statistics



## Quality is embedded in processes





## **QAF – Business architecture and processes**

- Sound methodology is used throughout the production process
- Adequate tools, procedures and expertise are deployed to support the production of statistics (business architecture)
- Production processes are mapped (GSBPM) and documented
- Production processes are efficient, effective and statistical confidentiality secured; including when data are stored
- Before launching a statistical survey an assessment of existing data sources is conducted (quality vs. costs)





## QAF - Output

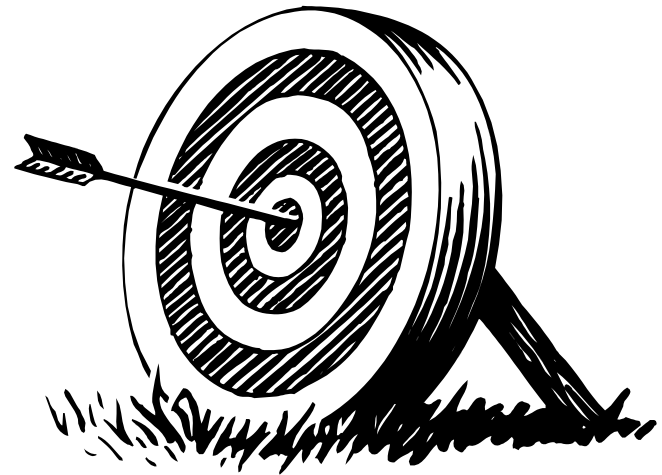
- Users are regularly consulted (content, format, timing of releases)
- Users have equal and simultaneous access to official statistics
- Official Statistics are disseminated in a user-friendly way
- Statistics are disseminated with metadata
- Advance release calendar with clear updating procedures are publicly available
- No political statement in statistical publications
- Errors are corrected and users informed accordingly
- Direct and indirect Confidential data are not
- Right for NSS to comment on misinterpretation of statistics





## Improving the Institutional Environment and Quality

- Know your starting point
- Assess costs and benefits of institutional improvement
- Prioritize - Identify sustainable “quick wins”
- Seek support
- Target resources accordingly





## For questions and comments:

### Gabriel Gamez | Inter-regional Adviser

Organisation and management of NSS | Statistics Division  
Department of Economic and Social Affairs | United Nations  
2 UN Plaza | Room DC2-1518 | New York, NY 10017, USA  
Email: [gamezg@un.org](mailto:gamezg@un.org) | Tel: +1-917-367-5443 | Cell: +1-646-944-3735

