User needs, quality management and analytical requirements

Session 2: Securing quality of statistical information and improving data coherence through statistical analysis and analytical frameworks
The presentation will outline the content of chapters:

- VI “Users and their needs” *(Drafted)*
- VII “Quality management” *(Drafted)*
- IX “Analysis and analytical frameworks” *(Not yet drafted)*
Chapter VI: *Users and their needs*

**Chapter VI:** the various groups of users of official statistics and their specific needs are detailed.
Chapter VI “Users and their needs”

Increased demand for statistics
Specific requirements for the SDGs
Measuring and analysing user needs
Needs of Government
  General needs of Government
  Ministries of finance
  Other ministries
  Organizing and establishing contacts
  Regional and local government
Chapter VI “Users and their needs”

Needs of businesses
  *Large businesses*
  *Small businesses*

Needs of education and academia

Needs of the media

Needs of researchers

Needs of international institutions

Needs associated with the Sustainable Development Goals

Relevance to other producers of official statistics
**Chapter VII** “Quality management”

**Chapter VII:** developing and administering a statistical quality framework, including the use of user satisfaction surveys and the certification and labelling of official statistics.
Chapter VII “Quality management”

General quality management systems

ISO 9000 series
ISO 20252:2012 market, opinion and social research
Six Sigma
Lean
European Foundation for Quality Management
Other general quality management systems

Statistical quality assurance frameworks

United Nations National Quality Assurance Framework
European Statistics Code of Practice and Quality Assurance Framework of the European Statistical System
International Monetary Fund Data Quality Assessment Framework
Other statistical quality assurance frameworks
Chapter VII “Quality management”

Developing a statistical quality framework

Defining the dimensions of statistical quality
Creating and maintaining a culture that ensures and promotes statistical quality
Developing guidelines on statistical quality
Monitoring and control of statistical quality
Evaluating statistical quality
Branding and certifying statistical quality

Implementation of a statistical quality framework

Need for a statistical quality assurance unit and a statistical quality assurance manager
Need for a statistical quality assurance committee
Role of national statistical office staff

Relevance to other producers of official statistics
Chapter IX: the extent to which data should be supplemented with analysis, and the frameworks and methods for doing so, are discussed.
Chapter IX “Analysis and analytical frameworks”

Supplementing data with analysis
- Facts and their interpretation
- Analytical functions and information
- Review of publications

Methods and systems of analysis
- Methods of analysis
- Systems of analysis

National accounts
- Conceptual framework
- Organizational arrangements
Chapter IX “Analysis and analytical frameworks”

Balance of payments
  Conceptual framework
  Organizational arrangements

Gender Statistics
  Conceptual framework
  Organizational arrangements

Other analytical frameworks
  Environmental accounts
  Labour accounts
  Tourism accounts
  Health Accounts

Other analytical frameworks
  Relevance to other producers of official statistics
Issues for discussion

Your input required!

Publicly available drafts of the Handbook on Statistical Organisation can be found at:


Please provide inputs to:

statistics-handbook@un.org
Issues for discussion

1. Are there any mechanisms in place to secure the quality and coherence of official statistics and indicators? Please explain.

2. How are your main user groups, both inside and outside the government, consulted and engaged in your respective initiatives for securing the quality of official statistics? Please explain.

3. Can you provide us with any relevant success stories, new initiatives or best practices?

4. What additional support from bilateral and multilateral partners could support efforts for securing the quality of official statistics?

5. Have we missed any issues in the Handbook or in the discussions in session 2 that you would like to see covered?