



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 “Analysis and analytical frameworks”

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:

<https://unstats.un.org/wiki/display/HSO/Handbook+Statistical+Organization>

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?