Quality in Economic Statistics

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What is Data Quality?

DATA QUALITY

- Integrity
- Methodological Soundness
- Accuracy and Reliability
- Servicability
- Accessability

**UNSD:** National Quality Assessment Framework

**ESSC:** Quality Assurance Framework of the European Statistical System

**OECD:** Short-Term Economic Statistics Timeliness Framework

**IMF:** Data Quality Assessment Framework

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### Dimensions of Quality

| 1. Integrity                               | - institutional integrity  |
|                                           | - transparency             |
|                                           | - ethical standards        |
| 2. Methodological Soudness                | - concepts, definitions and scope |
|                                           | - classification/sectorization |
|                                           | - basis for recording      |
| 3. Accuracy and Reliability               | - source data              |
|                                           | - assessment of source data |
|                                           | - validation of data and statistical outputs |
| 4. Servicability                          | - periodicity and timeliness |
|                                           | - consistency              |
|                                           | - revision policy and practice |
| 5. Accessability                          | - data accessibility       |
|                                           | - metadata accessibility   |
|                                           | - assistance to users      |
Implementation of Quality

Methodological Soundness
- Use of administrative data
- Enhance coverage institutional units, type of activities

Accuracy and Reliability
- Manage relations with data sets (administrative vs transactional data, business registers vs custodian data)

Servicability
- Increase timeliness

Accessibility
- Assessment of quality by users
Concluding Remarks

Legal Framework

- Administrative Data First
- Collect Once Use Many Times

Enhanced Quality

- Coverage
- Timeliness
- Relations with Datasets

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Concluding Remarks

Use of Administrative Data

Disadvantages

Advantages

Cost Effective

Efficient

Micro Data

Statistical Standards

United Nations ESCAP
Economic and Social Commission for Asia and the Pacific
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