



Education Data Quality Assessment Framework Ed-DQAF

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Overview

- What is Ed-DQAF
- Pacific Ed-DQAF
- Structure of Ed-DQAF
- Dimensions of Ed-DQAF
- Indicators of Ed-DQAF
- Best Practises for Ed-DQAF
- Online Ed-DQAF tool



What is ED-DQAF?

- The **Data Quality Assessment Framework** assesses the strengths and weaknesses of the education statistical system, based on the dimensions of data quality
- The DQAF assessment provides a comprehensive evaluation of the quality of education data by comparing country's practices with international standards.

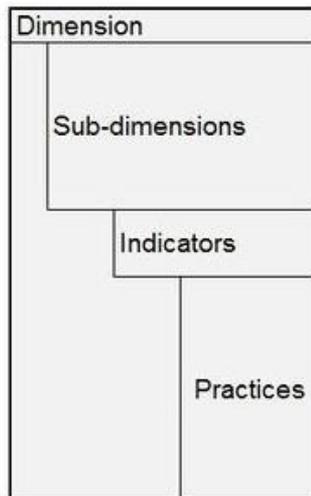
Pacific Ed-DQAF

- UIS and SPC are assisting Pacific Island countries by undertaking in-depth assessments using full DQAF methodology in at least 6 countries.
- So far, DQAF assessments have been conducted in Samoa, Tonga and Kiribati
- These countries were selected based on national demand/priorities, country characteristics as well as consultation with regional partners



Ed-DQAF Structure

- Dimensions
- Sub-dimensions
- Indicators
- Practices

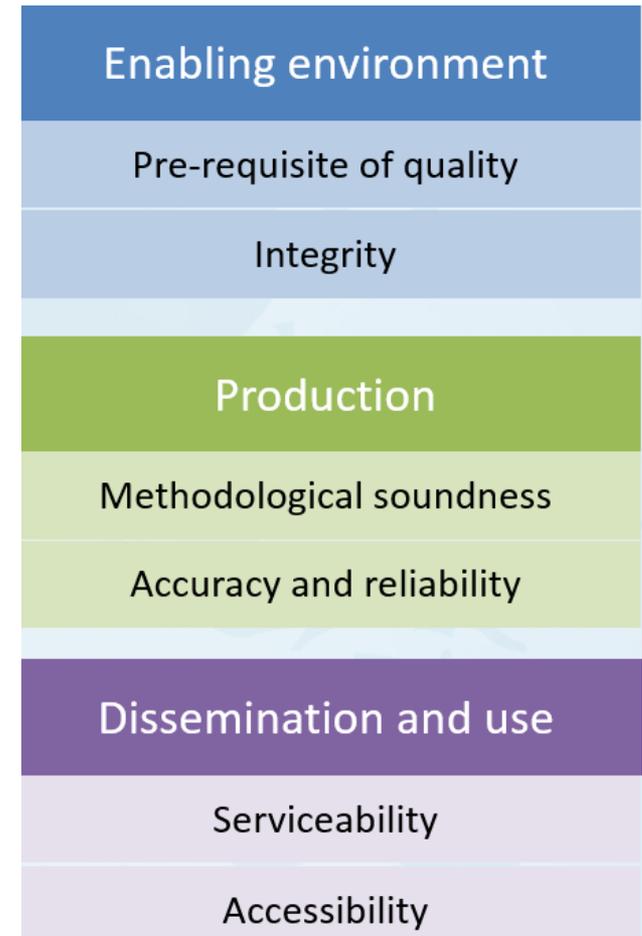


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| 3. Accuracy and reliability | |
| → | 3.1. Source data provide adequate basis to compile statistics. |
| → | 3.2. Assessment of source data |
| → | 3.3. Statistical techniques |
| → | 3.4. Data and statistical outputs are regularly assessed and validated. |
| → | 3.5. Archiving of source data and statistical results. |
| → | 3.3.1 Data compilation employs sound statistical techniques |
| → | 3.3.2 Other statistical procedures employ sound statistical techniques. |
| → | Data compilation procedures minimize processing errors such as tabulation errors (=type of data, range etc) and errors report generation. |
| → | The data collection instruments are designed in a way that makes them easy to complete and appropriate for computer processing, and they have also been pilot-tested with a sample of respondents. |
| → | If respondents fail to submit data due to a lack of resources, appropriate adjustments are made (missing data treatment). |
| → | Procedures are documented and updated as needed. |



Ed-DQAF Dimensions

- 0 Pre-requisites of quality
- 1 Integrity
- 2 Methodological soundness
- 3 Accuracy and reliability
- 4 Serviceability
- 5 Accessibility





Enabling Environment

Pre-requisites of quality

- Legal and institutional environment
- Resources
- Relevance
- Quality awareness

Integrity

- Professionalism
- Transparency
- Ethical standards

Production

Methodological soundness

- Concepts and definitions
- Scope
- Classification
- Basis for recording

Accuracy and reliability

- Source data available
- Assessment of source data
- Statistical techniques
- Revision studies
- Archiving of source data



Dissemination and Use

Serviceability

- Periodicity and timeliness
- Consistency

Accessibility

- Data accessibility
- Metadata accessibility
- Assistance for users



Rapid Data Quality Assessment for Pacific Island Countries

- Other Pacific Island countries will be assisted to conduct self and simplified rapid DQAF assessments
- An online tool is being developed to allow a rapid data quality assessment for Pacific Island Countries



Practical Exercise

Visit Website:

- [Pacific DQAF Wiki](#)

<http://www.pacific-dqaf.org>

Online Tool Prototype:

- [Rapid Data Quality Assessment for Pacific Island Countries](#)