Workshop on the Implementation of a National Quality Assurance Framework for Official Statistics in countries of the Africa Region
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Session 5.1: Additional checklist for the use of new and administrative data sources and for other producers of official statistics

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Background – use of checklists

❖ The generic UN NQAF checklist is geared towards the NSO. The complete checklists may also be too rigorous to be used for specific outputs, such as specific statistics

❖ Suggestion to adapt the checklist or have additional checklists such as for big data, administrative data, citizen generated data, geospatial data, etc.

Adapted and additional checklists

WHY	WHAT	HOW
Serve specific purposes, such as: • Other producers than the NSO within or outside the NSS • Specific outputs, such as statistics for some domains or indicators	Adapted lists	Adapt existing NQAF checklists for different use: • Different producers • Different statistics
• Specific data sources used for statistics	Additional lists	Establish checklists for source data: • Lists for the quality of administrative and other source data

Checklist for other statistical agencies (developed as example for EG-NQAF discussion)

	For NSO to answer
	Mainly for NSO
	May not apply to all agencies

4	Assuring professional independence	4,1	A law or other formal provision explicitly declares that statistical agencies are obligated to develop, produce and disseminate statistics without interference from other government agencies or policy, regulatory or administrative departments and bodies, including from within the statistical agencies, private sector or any other persons or entities.
		4,2	The appointment of the heads of the national statistical office, and other statistical agencies where appropriate, is based on professional criteria and follow transparent procedures. Reasons for dismissal cannot include reasons affecting professional independence. The heads of the statistical agencies are of the highest professional caliber.
		4,3	The head of the national statistical office and other statistical agencies where appropriate has sole responsibility over the decisions on statistical methods, standards and procedures, and on the content and timing of statistical releases.

Checklist for other statistical agencies (developed as example for EG-NQAF discussion)

| For NSO to answer |
| Mainly for NSO |
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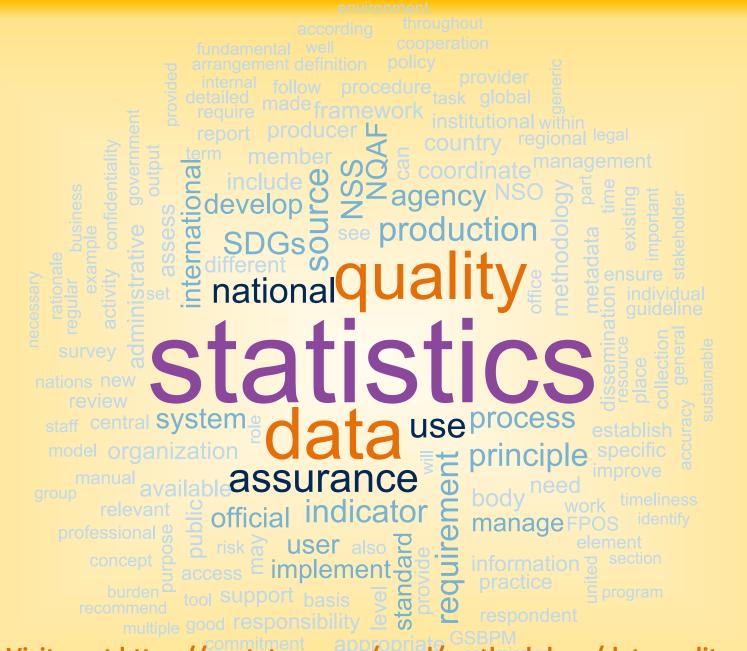| 7	Assuring statistical confidentiality and data security	7,1	Statistical confidentiality is guaranteed by law.
		7,2	Appropriate standards, guidelines, practices and procedures are in place to ensure statistical confidentiality.
		7,3	Strict protocols to safeguard data confidentiality apply to users with access to microdata for research or statistical purposes.
		7,4	Penalties are prescribed for any willful breaches of statistical confidentiality.
		7,5	Security and integrity of data and their transmission is guaranteed by appropriate policies and practices.
		7,6	The identification risk of individual respondents is assessed and managed.

Additional country examples

- [Statistics Netherlands Checklist for the Quality Evaluation of Administrative Sources](#) (Daaset al 2009), provides a useful template (the Annex to the paper) for recording information and metadata about a source. https://ec.europa.eu/eurostat/documents/64157/4374310/45-Checklist-quality-evaluation-administrative-data-sources-2009.pdf/24ffb3dd-5509-4f7e-9683-4477be82ee60

- Statistics New Zealand has a [Guide to Reporting on Administrative Data Quality](#), capturing metadata about administrative source, covering general information about the administrative organization and data collection, population objects and variables, changes over time and aspects of accessibility. https://www.stats.govt.nz/assets/Uploads/Retirement-of-archive-website-project-files/Methods/Guide-to-reporting-on-administrative-data-quality/guide-to-reporting-admin-data-quality.pdf

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