

Data Stewardship in Africa: Role of NSOs

Data is all over



Changing Role of NSOs

- understand data stewardship and its function/role
- role/functions of a Chief Statistician of a NSO in relation to the UN FPOS
- difference and/or complimentary roles of a Data Stewardship and a Chief Statistician.

Who is a (Data) Steward?

- Oxford English Describes it as a
 - noun:
 - a person employed to look after the passengers on a ship, aircraft, or train.
 - a person responsible for supplies of food to a college, club, or other institution
 - Verb
 - **supervise** arrangements or **keep order** at (a large public event).
 - **manage** or look after (another's property).
- IT sector: data stewardship is seen as ensuring common, meaningful data across applications and systems.



Data Stewardship : Functions

- To improve the performance of national data ecosystems through the expansion of methods and access inspired by a data stewardship approach: Working group on Data Stewardship

- Data governance
- Equity and inclusion
- Sharing and collaboration
- City Data Agenda



Complementary Aspects

UN Fundamental Principles of Official Statistics

1. Serving the entire society, relevance, impartiality and equal access (**Equity and inclusion**);

2. Professionalism and professional independence (**Governance**);

3. Transparency on sources and methods, and accountability (**Governance**);

4. Prevention of misuse (**Governance**);

5. Cost-effectiveness and freedom to select data sources (**Equity and inclusion**);

6. Confidentiality of individual data (**Data Privacy**);

7. Laws, rules and regulations (transparency) (**Governance**);

8. Need for national coordination (consistency and efficiency) (**sharing and collaboration**);

9. Need for international coordination (concepts, standards and methods) (**sharing and collaboration**);

10. International statistical cooperation (**sharing and collaboration**);

Data Stewardship Functions

Data governance : Professional independence, Transparency and accountability, prevention of misuse, Laws (2, 3, 4, 7)

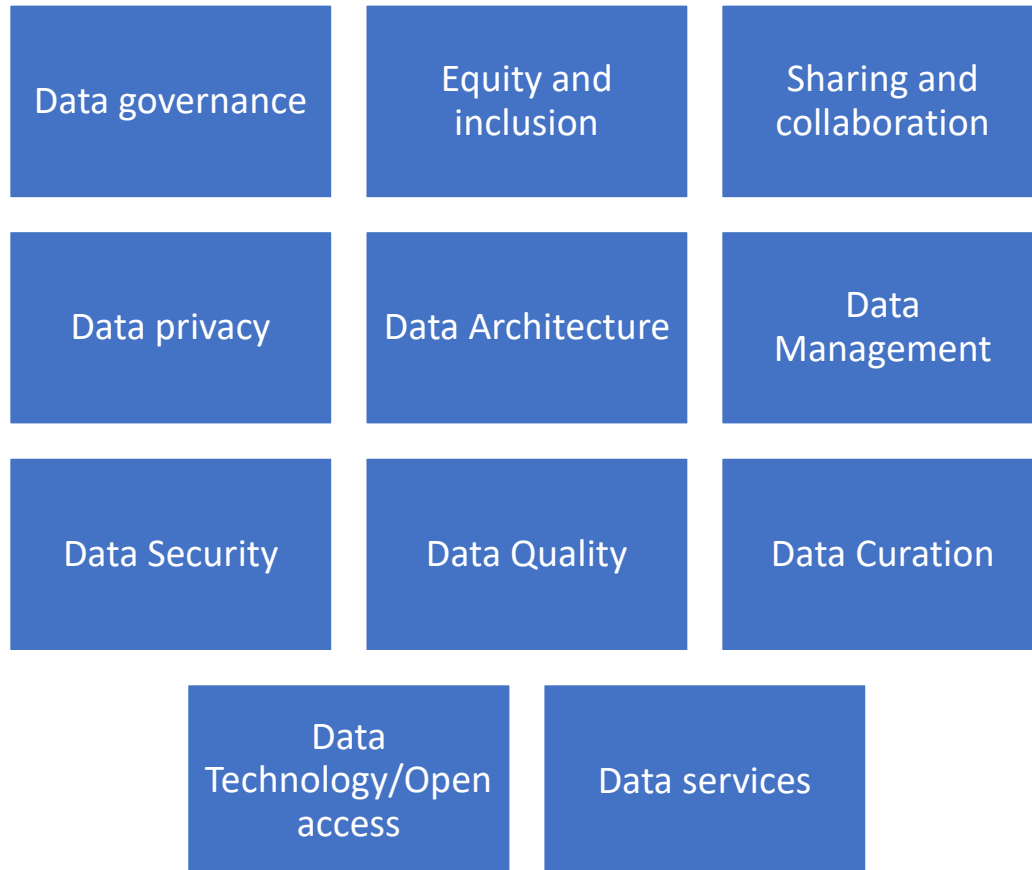
Equity and inclusion : Serving entire society and equal access, cost-effectiveness, freedom to select data sources. (1, 5)

Data privacy: confidentiality of individual data (6)

Sharing and collaboration: national coordination and international coordination and statistical cooperation. (8,9,10)

Different or complimentary roles

Data Stewardship: Functions



Chief Statistician: Functions

- Produce, reliable, timely and quality statistics for public use
- Protect data confidentiality
- Define standards and concepts
- Choose relevant data sources
- Conduct surveys and develop data collection mechanism
- Disseminate data impartially
- Custodian of data resource
- Data management
- Data Analysis

What Can NSOs do?

NSOs' current state

- Mandated to produce and disseminate official statistics
 - Use agreed standard, methods and techniques

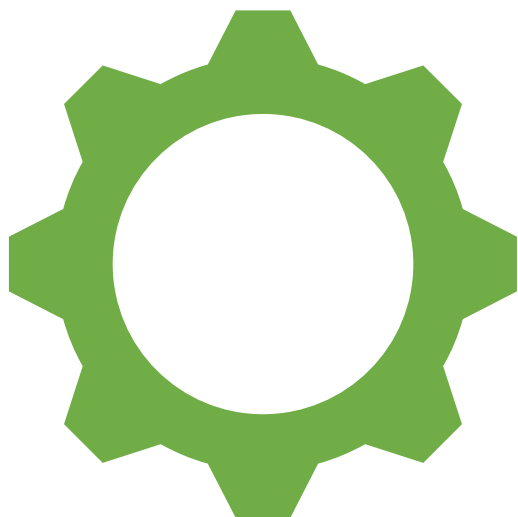


Data stewardship

Continuation of the role that NSOs have played in coordinating the national statistical system to now enhancing it to the data eco system.



Current Status and Focus



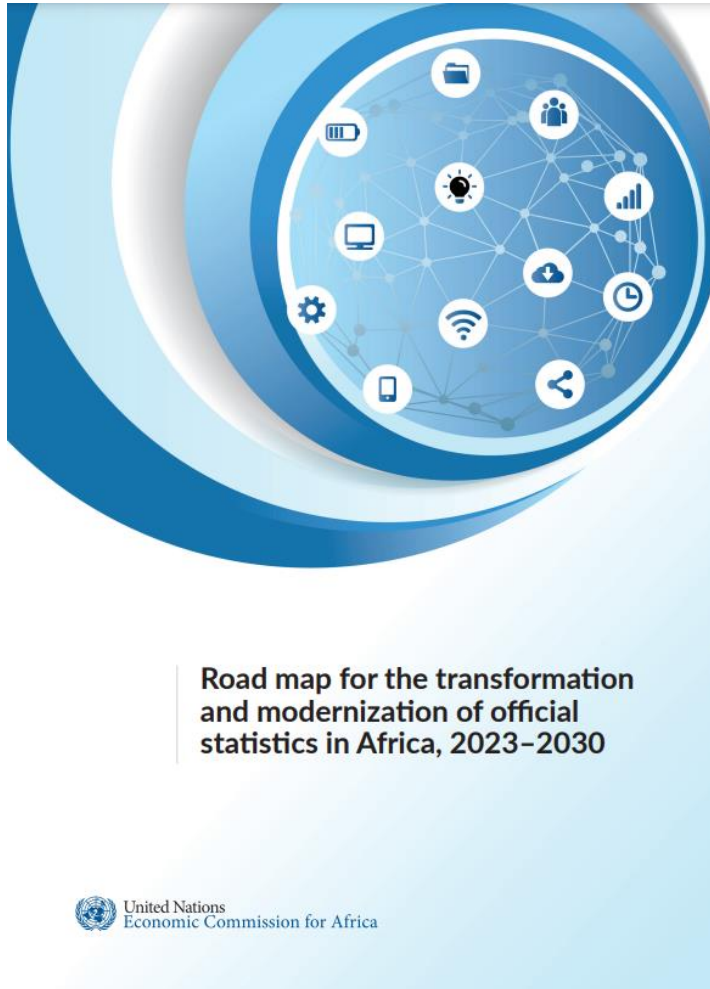
54th UNSC

- Endorsed the report of the Working Group on Data Stewardship
- Approved the work programme of the Working Group
- Endorsed the Road map for the Transformation and Modernization and of official statistics in Africa

Webinar focus

- Developments and discussions on the role of the NSOs in data stewardship
- Data ethics
- National experience sharing

Road Map Synergies with Data Stewardship



Putting users first

Maintain user involvement and engagement – Building National consensus

Synergies with data stewardship roles:
governance, equity, inclusion, sharing, and collaboration.

Optimizing resources

Response to key challenges and opportunities

THANK YOU!

