

# TANZANIA NATIONAL DATA QUALITY ASSESSMENT FRAMEWORK (DQAF)

by

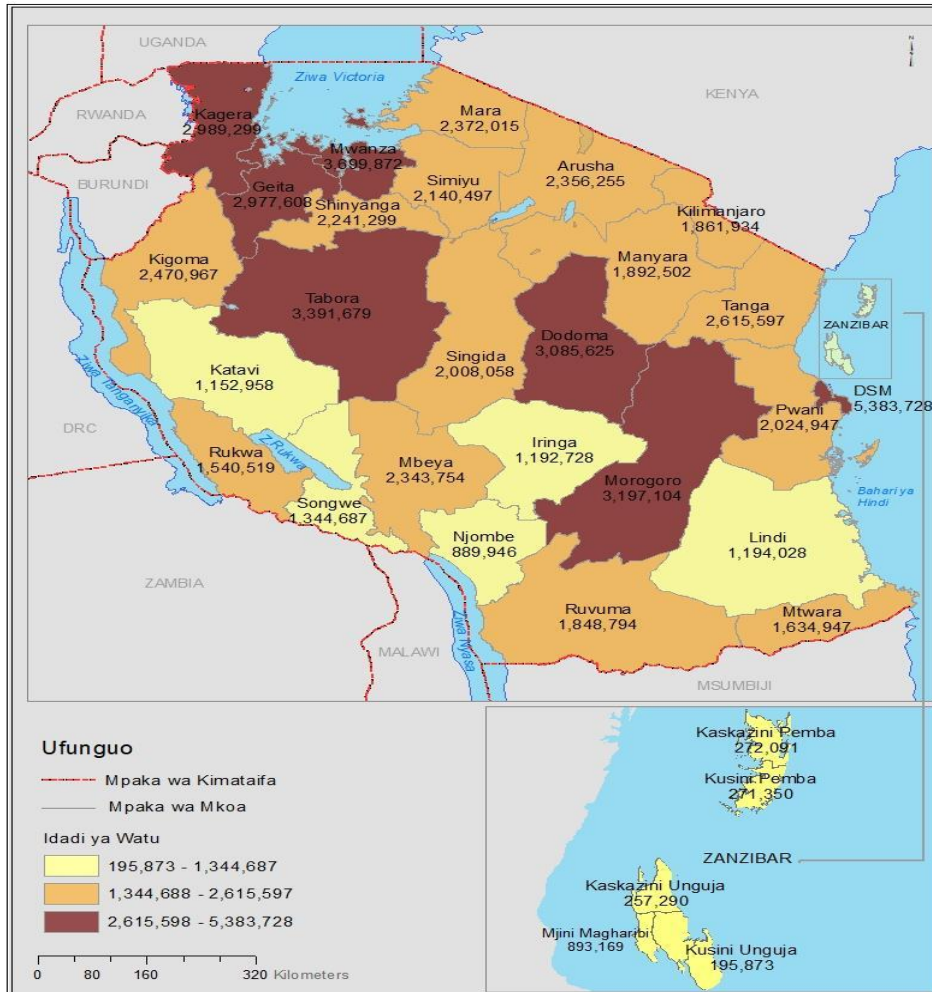
KARUGENDO, EMILIAN

TANZANIA NATIONAL BUREAU OF STATISTICS

# PRESENTATION OUTLINE

- Overview of Tanzania
- TNBS and Its Legal Mandate
  - ❖ Producer
  - ❖ Coordinator of NSS
- The TNBS Structure
- Data Quality Assessment Framework
- Steps towards development of the Data Quality Assurance Framework
- Conclusion

# Overview of Tanzania



- Total Population 61,741,120; (48.4% Male, 51.6% Female)
- Land Area: Over 940,000 Sq. Km

# TNBS and Its Legal Mandate

The Tanzania NBS operates under the Statistics Act. Cap. 351 whose mandate include

1. Production, supervision, and dissemination of official statistics, and the custodianship of official statistics in the country.
- 2.(a) In collaboration with the OCGS conduct population and housing census
- (b) Advise the government and the public at large on all matters related to statistics
- (c) Provide high quality, reliable and timely official statistics to the public

# Legal Mandate.....

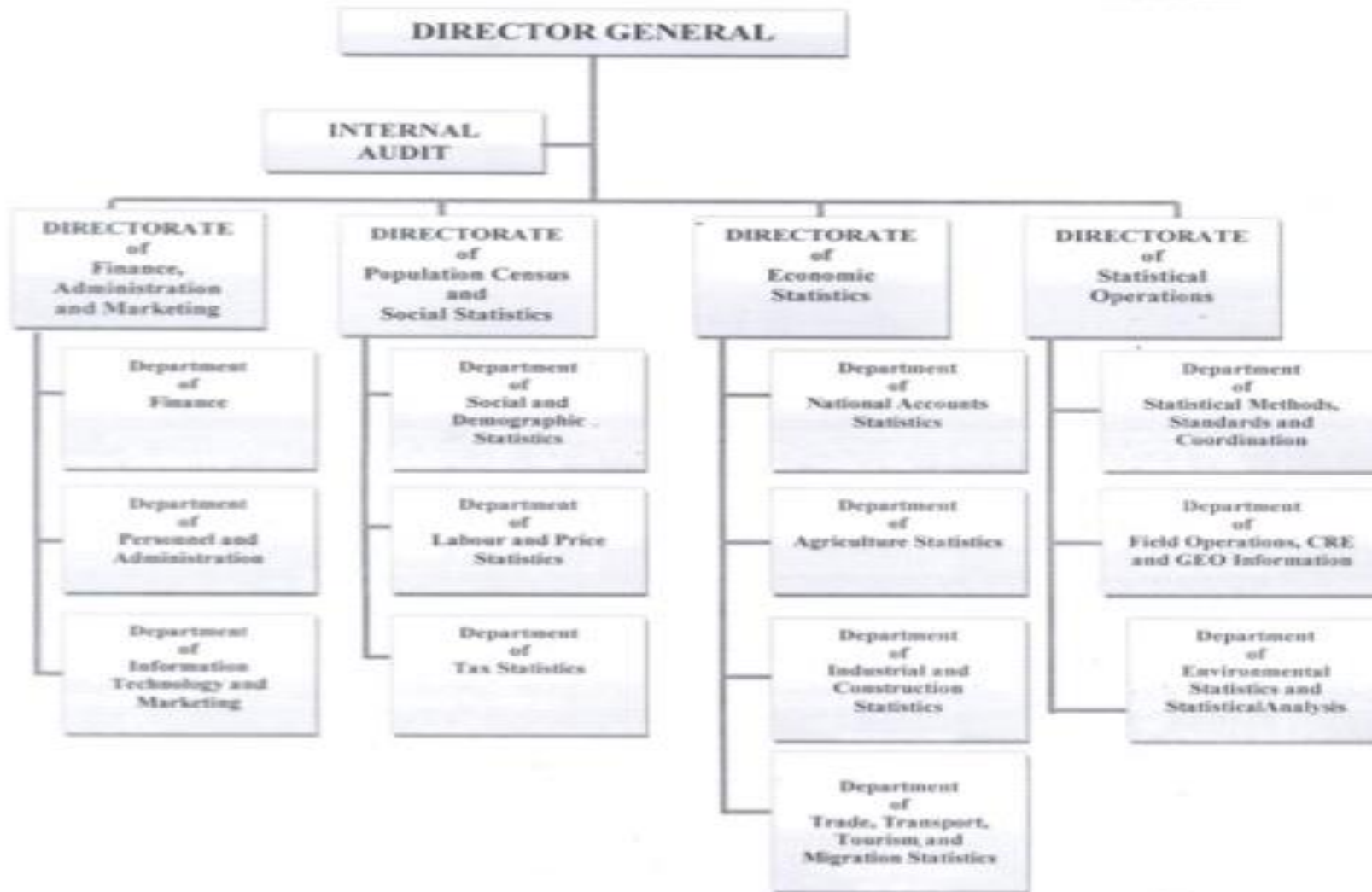
- (d) Organize and maintain a central repository of official statistical reports, publications, documents and data from within and outside the United Republic
- (e) Develop methods, standards, concepts and definitions for the production of official statistics
- (f) Regulate official statistics
- (g) Coordinate publishing of statistical information
- (h) Coordinate and supervise the National Statistical system in the country
- (i) Perform all functions necessary of incidental to the objectives of the Bureau under this Act

# Legal Mandate.....

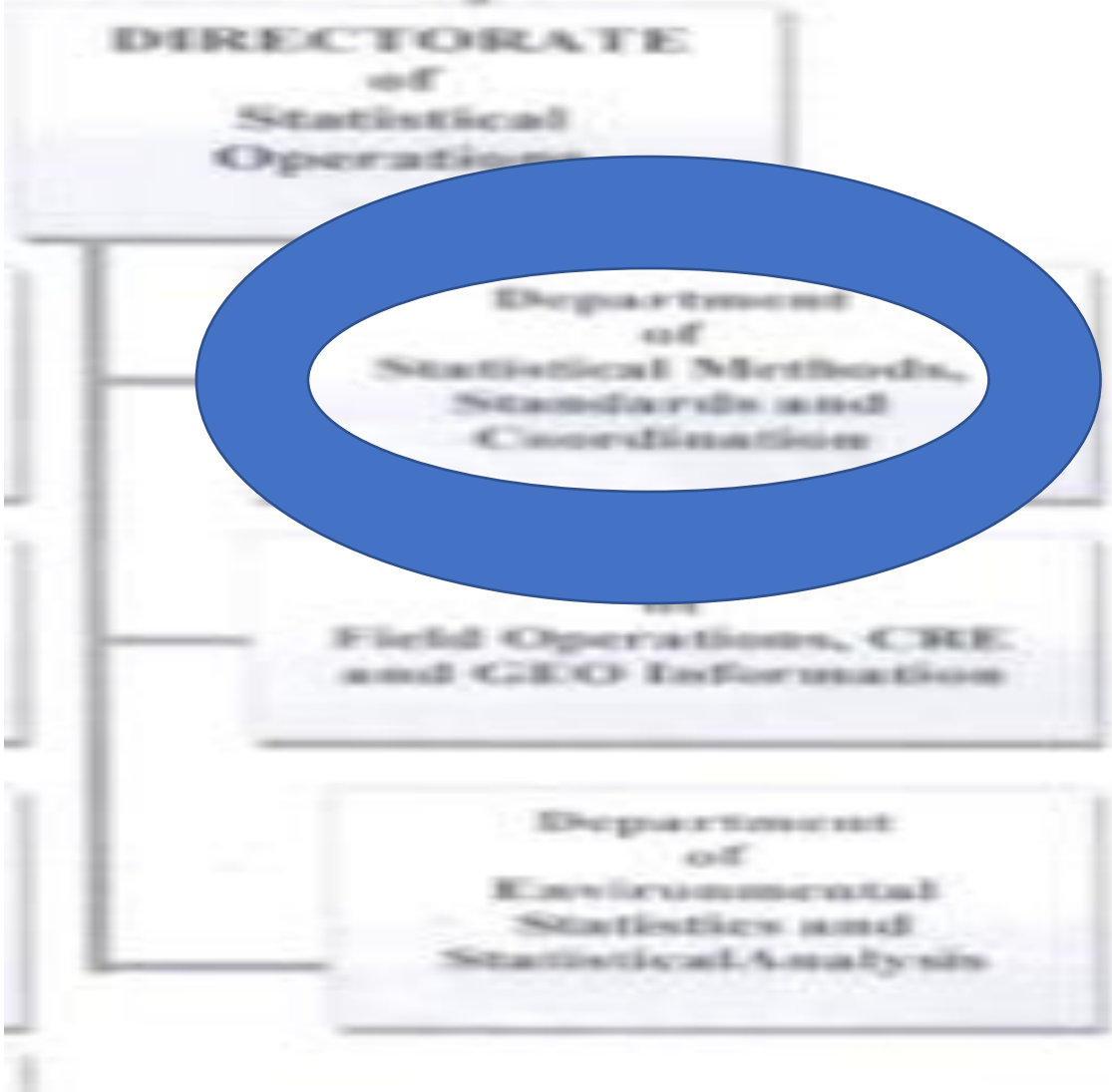
3. The Bureau may, in performance of its functions, sub-contract other organizations or individuals under such terms and conditions as may be agreed upon by the contracting parties

4. The Bureau shall, for functions which extend to Tanzania Zanzibar, perform such functions in collaboration with the office of the Chief Government Statistician of the Revolutionary Government of Zanzibar

# The TNBS Structure



# The Structure.....





# The Structure...

## The Statistical Methods, Standards and Coordination department

This and other guideline documents are developed and coordinated under the Department of Statistical Methods, Standards, and Coordination.

The department is mandated with coordination of production and dissemination of official statistics within the NSS. The guideline documents produced and regularly updated include the following:

A Handbook of Quality Guidelines for Statistical Production in Tanzania

Concepts and Definitions for Official Statistics in Tanzania

Statistical Methods, Standards, and Guidelines

Data Quality Assessment Framework for Tanzania Mainland

# Coordination Role

This comes from the Act. Section 6(2)(g&h)

All statistical surveys/censuses have to obtain clearance from the NBS

- ❖ If the statistics collected are intended to be published, the draft report has to be reviewed by the NBS ahead of publishing
  
- ❖ If it is a national level coverage, at least one NBS staff has to be part of the exercise and the initial/draft report must be approved by the NBS ahead of publishing



The United Republic of Tanzania

# Data Quality Assessment Framework for Tanzania Mainland



National Bureau of Statistics  
Ministry of Finance  
Dar es Salaam  
January, 2014

# Data Quality Assessment Framework

- ❖ This document sets out a framework for assessing the quality of official statistics that are produced by the National Statistical System (NSS) of Tanzania
- ❖ It is based on a Generic National Quality Assurance Framework (NQAF) that was produced under the auspices of the United Nations Statistical Commission and which was approved in 2012
- ❖ It is also based on widely accepted definitions of quality as applied to official statistics as well as the Fundamental Principles of Official Statistics, that were adopted by the United Nations Statistical Commission in 1994 and which were formally endorsed by the UN Economic and Social Council in 2013

# Steps towards development of the Data Quality Assurance Framework

Under the Tanzania Statistical Master Plan (TSMP) II, the TNBS is developing a Data Quality Assurance Framework that will aim ensuring quality of the data that is based on a well monitored stages of the data production processes

The TSMP II is also aiming at improving quality of data produced through routine systems as well as big data

# Conclusions

Data Quality Assurance is the best way to go as it provides opportunity to improve the processes as opposed to assessing that quality of the already produced data which is a lengthy processes that may end up discrediting the data – resources loss