

**I. National Statistical Landscape,  
Regulatory Frameworks/Act/Bills,  
and  
II. Role of the Kenya National Bureau of  
Statistics (KNBS) in Climate and  
Disaster-Related Statistics**

Prepared by Kenya National Bureau of Statistics

# **I. National Statistical Landscape, Regulatory Frameworks/Act/Bills**

## **Overview of Kenya National Bureau of Statistics (KNBS)**

- The **Kenya National Bureau of Statistics (KNBS)** is the principal Government agency responsible for collecting, analyzing, and disseminating statistical data in Kenya. It plays a vital role in providing statistical information to inform policy formulation, development planning, and decision-making across all sectors of the economy.

### **Key Mandate:**

- KNBS operates under the authority of the **Statistics Act, 2006**, which provides the framework for its operations, including:

# KNBS Mandate.....

- Planning, authorising, coordinating and supervising all official statistical programmes undertaken within the national statistical system;
- Establishing standards and ensuring the use of best practices and methods in the production and dissemination of statistical information across the national statistical system;
- Collecting, compiling, analyzing, abstracting and disseminating statistical information on the matters specified in the First Schedule of the Statistics Act, 2006
- Conducting the Population and Housing Census every ten years, and such other censuses and surveys as the Board may determine;
- Maintaining a comprehensive and reliable national socio-economic database.

# KNBS Mandate.....

- Maintaining a comprehensive and reliable national socio-economic database.
- Developing and maintaining sampling frames of the Bureau;
- Collaborating with and assisting the county governments or any other institutions in the production of official statistics
- Providing technical advice on statistics to other state entities
- Promoting coordination among producers, users and suppliers of official statistics by forming appropriate sector committees
- Designating statistics produced by the national statistical system as official statistics on being satisfied that the necessary criteria have been followed.

# **VISION AND MISSION**

## **Vision Statement:**

**Quality Statistics for better lives.**

## **Mission Statement**

**Provide, Manage and Promote quality statistics through utilization of best practices for public use.**

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# **CORE VALUES**

## **What We Stand For**

- **Professionalism**
  - **Integrity**
- **Confidentiality**
- **Customer Focus**
  - **Innovation**
  - **Teamwork**

# Key Acts of Parliament Governing KNBS

## 1. Statistics Act, 2006

- This is the primary legislation that establishes KNBS as the national agency responsible for the collection, compilation, analysis, publication, and dissemination of official statistics.
- **Key Provisions:**
  - Defines the roles and responsibilities of KNBS in providing official statistics.
  - Mandates the coordination of statistical activities across ministries, departments, and agencies.
  - Provides for the independence of KNBS in ensuring the objectivity and integrity of statistical information.
  - Requires KNBS to conduct censuses and national surveys.
  - Establishes the Board of KNBS to oversee its operations.



# Key Acts of Parliament Governing KNBS

## 2. Public Finance Management Act, 2012

- While primarily focused on financial management, this Act indirectly governs KNBS by requiring evidence-based reporting and data for planning and budgeting purposes.
- **Relevance to KNBS:**
  - KNBS provides critical data for National and County budget planning, monitoring, and evaluation

## 3. Access to Information Act, 2016

- This Act ensures public access to information held by government bodies, including statistical data produced by KNBS.
- **Relevance to KNBS:**
  - KNBS is mandated to make statistical information accessible to the public while maintaining confidentiality for sensitive data.

# Key Acts of Parliament Governing KNBS

## 4. Environmental Management and Coordination Act (EMCA), 1999

- Governs Environmental data collection and reporting in Kenya.
- **Relevance to KNBS:**
  - KNBS collaborates with the National Environment Management Authority (NEMA) to produce environmental statistics, such as those related to climate change, deforestation, and pollution.

## 5. County Governments Act, 2012

- Provides a framework for devolution and county governance.
- **Relevance to KNBS:**
  - KNBS supports County Governments by providing county-specific data for planning, development, and service delivery.

# Key Acts of Parliament Governing KNBS

## 6. Data Protection Act, 2019

- Ensures the protection of personal data collected, processed, or stored by KNBS during surveys, censuses, and other statistical activities.
- **Key Implications:**
  - KNBS must handle data in compliance with data protection principles, including confidentiality and informed consent.

## 7. Disaster Risk Management Bill (Pending)

- While not yet enacted, this bill aims to establish a framework for disaster risk management, where KNBS is expected to play a critical role in providing data for disaster preparedness and response.

# Other Supporting Legal and Policy Frameworks

- **Kenya Vision 2030:** KNBS is tasked with providing data to track progress toward Vision 2030 goals.
- **Sustainable Development Goals (SDGs):** KNBS is responsible for generating statistics to monitor Kenya's performance on SDG indicators.
- **International Statistical Frameworks:** Although not acts of Parliament, KNBS aligns its operations with global standards like the United Nations Fundamental Principles of Official Statistics and the African Charter on Statistics.
- These legislative and policy frameworks ensure that KNBS operates effectively, delivering accurate, reliable, and timely statistics to support Kenya's development agenda.

# Publications

Some of KNBS Publications include: COVID-19 Surveys, Economic Surveys, Financial Access, Food and Nutrition, Foreign Investment Surveys, Kenya Poverty Reports, Kenya Facts Figures, County Statistical Abstracts, Statistical Abstract, Kenya Facts Figures, Health Surveys and Labour Force Reports.

## **II. Role of the Kenya National Bureau of Statistics (KNBS) in Climate and Disaster-Related Statistics**

# Introduction

The Kenya National Bureau of Statistics (KNBS) is the primary institution for producing and coordinating official statistics in Kenya. In the context of climate and disaster-related data, its responsibilities include:

## **Activities in Climate and Disaster-Related Statistics:**

### **1. Data Collection:**

- Conducting surveys and censuses to capture data on climate and disaster-related aspects, such as agricultural production, water resources, and disaster impacts.
- Collecting socio-economic data to assess the vulnerability of communities to climate change and disasters.

# Key Activities in Climate and Disaster-Related Statistics

## 2. Monitoring and Reporting:

- Monitoring climate-related trends such as rainfall patterns, droughts, floods, and extreme weather events in collaboration with other agencies like the Kenya Meteorological Department.
- Publishing data in reports such as the **Economic Survey** and **Kenya Demographic and Health Surveys (KDHS)** to provide insights into the socio-economic impacts of disasters.

## 3. Integration of Climate Data:

- Supporting the mainstreaming of climate statistics into broader national planning frameworks, including **Kenya Vision 2030** and the **National Climate Change Action Plan (NCCAP)**.
- Linking Environmental data with economic and demographic statistics to assess the impacts of climate change.



# Key Activities in Climate and Disaster-Related Statistics

## 4. Partnerships and Collaboration:

- Working with the **National Disaster Management Authority (NDMA)**, the **Kenya Meteorological Department (KMD)**, and other stakeholders to ensure data sharing and alignment of methodologies.
- Collaborating with international organizations for climate data standardization and funding.

## 5. Dissemination of Data:

- Providing statistical bulletins and open-access platforms for stakeholders to access climate and disaster-related statistics.
- Ensuring policymakers, researchers, and the public can utilize the data for decision-making.

# Key Challenges in Climate and Disaster-Related Statistics

## 1. Data Gaps:

- Insufficient localized and disaggregated data on climate change impacts and disaster vulnerability at the county level.
- Incomplete data on informal sectors and marginalized communities, which are disproportionately affected by climate events.

## 2. Institutional Fragmentation:

- Weak coordination between KNBS and other agencies collecting climate and disaster data, leading to overlaps and inefficiencies.
- Inconsistent use of standardized methodologies across institutions.

# Key Challenges in Climate and Disaster-Related Statistics

## 3. Limited Technical and Human Capacity:

- Lack of specialized skills in climate modeling and disaster risk assessment among KNBS personnel.
- Challenges in interpreting complex datasets and integrating them with socio-economic data.

## 4. Funding Constraints:

- Insufficient budget allocation for conducting large-scale climate-specific surveys and deploying modern technologies.
- Reliance on donor funding for climate-related projects, which can affect sustainability.

# **Key Challenges in Climate and Disaster-Related Statistics**

## **5. Real-Time Data Collection:**

- Difficulty in gathering real-time data on disasters such as floods, droughts, and landslides due to outdated infrastructure and limited technological tools.

## **6. Low Data Utilization:**

- Limited awareness among policymakers and stakeholders about the availability and importance of climate-related statistics.

# Opportunities in Climate and Disaster-Related Statistics

## 1. Adoption of Advanced Technology:

- Leveraging remote sensing, GIS, and satellite data to improve the accuracy and timeliness of climate statistics.
- Use of digital platforms for real-time data collection and dissemination.

## 2. Capacity Building:

- Training KNBS staff in climate modeling, data integration, and disaster impact analysis.
- Building partnerships with universities and research institutions to enhance technical expertise.

## 3. Policy and Legislative Support:

- Integration of climate statistics into National and County development plans to address pressing challenges.
- Leveraging Kenya's commitments under the **Paris Agreement** and **SDGs** to prioritize climate data initiatives.

# Opportunities in Climate and Disaster-Related Statistics

## 4. Enhanced Collaboration:

- Strengthening partnerships with international organizations such as the UN, World Bank, and African Development Bank for funding and technical support.
- Collaborating with Non-Governmental organizations and private sector players for innovative data collection approaches.

## 5. Open Data and Citizen Science:

- Developing user-friendly open-data platforms to make climate and disaster data accessible to stakeholders.
- Encouraging community participation in data collection, especially in disaster-prone regions.

# Opportunities in Climate and Disaster-Related Statistics

## 6. Focus on Vulnerable Populations:

- Targeting data collection efforts on high-risk populations to ensure evidence-based disaster risk reduction strategies.
- Providing gender-sensitive and equity-focused data for inclusive climate resilience planning.

## 7. Regional Integration:

- Coordinating with neighboring countries to address transboundary climate issues and share best practices for data collection and utilization.

# Conclusion

By addressing the challenges and harnessing the opportunities, KNBS can play a transformative role in providing high-quality, actionable statistics for effective climate adaptation and disaster risk management in Kenya.



THANK YOU.