

Quality Report for 2023/24 Kenya Housing Survey

A. General information

This Quality report is an assurance of the quality of the statistical product regarding the quality dimensions of relevance, accuracy, reliability, timeliness, punctuality, accessibility, clarity, coherence, comparability, consistency, methodological soundness and integrity as outlined in the Kenya Statistical Quality Assurance Framework (KeSQAf). The report documents the statistics production process to inform on the adequacy and appropriateness on the use of the statistics contained in the 2023/24 Kenya Housing Survey (2023/24 KHS).

A.1. Statistical Classification

A.1.1 Statistical Product

The 2023/24 Kenya Housing Survey.

A.1.2 Subject Area

The 2023/24 Kenya Housing Survey subject area is social-economic statistics focusing on housing and living conditions.

A.1.3 Statistical Area

2023/24 KHS was to provide up-to-date statistics on housing conditions, affordability, tenure status and access to basic services.

A.2. Name of Producing Institution

The Kenya National Bureau of Statistics (KNBS)

Collaborating Partners

- State Department for Housing and Urban Development
- State Department for Labour and Skills Development
- Kenya Space Agency
- Directorate of Resource Survey and Remote Sensing and
- Central Bank of Kenya.

A.3. Legal Framework

The survey was conducted under the Statistics Act, 2006, and adheres to relevant regulations governing data collection and dissemination.

A.4. Confidentiality and Data Security

All data collected is safeguarded under the Statistics Act, 2006 and the Data Protection Act 2019. Measures have been put in place to ensure confidentiality during collection, storage and dissemination.

B. Quality Declaration

B.1. Relevance

The survey provides up to date housing statistics given that the last housing survey was done in 2011.

B.1.1 Objective of the statistics

The primary objective of the 2023/24 Kenya Housing Survey was to provide up-to-date statistics on housing in Kenya. The specific objectives of the survey were to:

- Assess the quality and condition of housing units.
- Evaluate the level of access to infrastructure and services
- Evaluate housing affordability by providing insights into housing costs and rent.
- Assess the level of awareness and perceptions regarding the Affordable Housing Program, housing regulations, and comfort in dwellings.
- Track progress towards national housing goals (Vision 2030 and Sustainable Development Goals (SDG) 1, 5, 6, 7, 9, 11, 16 and 17 indicators related to housing).
- Assess the change in land consumption using geospatial tools from 2016 to 2023.

B.1.2 Use of the Statistics

User	Type of Measure	Uses
State Department for Housing And Urban Development	Housing Affordability Index	Policy Formulation
County Governments	Housing Infrastructure Data	Urban Planning
World Bank, UN-Habitat	Housing Quality Indicators	Global Comparisons

Private Sector	Market Trends	Real Estate Investment
Researchers	Household Tenure Data	Academic Analysis

B.2. Methodological Soundness

The survey followed internationally recognized methodologies, including:

- United Nations Principles and Recommendations for Housing Statistics.
- Classification of housing structures based on UN-Habitat guidelines.
- Probability-based sampling design to ensure representativeness across Kenya's diverse regions.
- Use of digital data collection methods (CAPI) to enhance data accuracy and reduce processing time.

B.3. Accuracy and reliability

B.3.1 Sampling Error

- The survey used KHSMP sampling frame which is based on the 2019 Kenya Population and Housing Census.
- A stratified multi-stage sampling approach was used to ensure national and regional representation.

B.3.2 Non-Sampling Errors

- **Measurement errors:** These were addressed through rigorous training of survey personnel and pre-testing of survey tools.
- **Non-response:** Mitigated by call-back visits and alternative response collection methods.
- **Data processing errors:** Controlled through the automated consistency checks.

B.4. Timeliness and Punctuality

- **Reference period:** 2022 – 2023.
- **Data collection period:** March 2024 – May 2024.
- **Release date:** Basic report released on 15th January 2025.
- **Frequency:** Conducted every ten years.

B.5. Accessibility and Clarity

- Data is available on the KNBS website and the online platforms.
- Formats include PDF reports, summary infographics, and datasets for researchers.
- Metadata will be published alongside datasets for transparency.

B.6. Coherence and Comparability/consistency

The survey data is comparable with previous housing surveys and census data.

Factors affecting comparability include:

- Methodological changes in data collection.
- Adjustments in definitions (e.g., classification of informal housing).
- Updates to housing affordability metrics.