

Kenya - National Information and Communication Technology Survey 2010

Kenya National Bureau of Statistics

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Overview

Identification

ID NUMBER
KNE-KNBS-NICTS-2010-v01

Version

VERSION DESCRIPTION
v01

Overview

ABSTRACT

In researching ICT penetration rates of a country, it is necessary to look at the target population demographic characteristics that facilitate use, access and ownership of the ICT facilities and equipments. As such, the ICT survey sought information on the general characteristics of the sampled population, including composition by age and sex, household size, education, employment, literacy, disability and source of electricity to households.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

District

Scope

NOTES

The survey was distributed into four domains, namely:

1. National,
2. Major Urban areas,
3. Other Urban areas, and
4. Rural areas.

Coverage

GEOGRAPHIC COVERAGE

Kenya

UNIVERSE

Kenya

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Kenya National Bureau of Statistics	

FUNDING

Name	Abbreviation	Role
Communication Commission of Kenya	CCK	Funding Partner

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Kenya National Bureau of statistics	KNBS	Ministry of Planning, National Development and Vision 2030	Implementing Agency

DDI DOCUMENT ID

KEN-KNBS-NICTS-2010-v01

Sampling

Sampling Procedure

Stratified Sample methodology

Response Rate

Owing to the some logistical challenges the following clusters were partially or not covered at all:

- One cluster in Tana River due to floods.
- Two clusters in Molo where households shifted to safer areas after the Post Election Violence (PEV). As a result, fewer than the expected households were covered.
- One cluster in Koibatek was covered halfway due to relocation of households to pave way for a large plantation.

Weighting

Weights were developed to account for the selection probabilities using the NASSEP IV sampling frame

Questionnaires

No content available

Data Collection

Data Collection Dates

Start **End** **Cycle**

Data Collection Mode

Face-to-face [f2f]

Data Processing

Data Editing

As a matter of procedure initial manual editing was done in the field by the RAs. The supervisors further checked the questionnaires and validated the data in the field by randomly sampling 20 per cent of the filled questionnaires. After the questionnaires were received from the field, an office editing team was constituted to do office editing.

Data was captured using Census and Survey Processing System (CSPRO) version 4.0 through a data entry screen specially created with checks to ensure accuracy during data entry. All questionnaires were double entered to ensure data quality. Erroneous entries and potential outliers were then verified and corrected appropriately. A total of 20 data entry personnel were engaged during the exercise.

The captured data were exported to Statistical Package for Social Sciences (SPSS) for cleaning and analysis. The cleaned data was weighted before final analysis. The weighting of the data involved application of inflation factors derived from the selection probabilities of the EAs and households detailed in section 2.2.7, on weighting the Sample Data.

Data Appraisal

No content available

File Description

Variable List

Documentation

Reports

2010 National ICT Survey

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