Kenya - KENYA HOUSEHOLD AND HEALTH EXPENDITURE AND UTILIZATION SURVEY (KHHEUS) 2018

DEPARTMENT OF POLICY PLANNING AND HEALTH FINANCING

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Overview

Identification

ID NUMBER
DDI-KEN-KNBS-KHHEUS-2018-V01

Version

VERSION DESCRIPTION
Version 1

PRODUCTION DATE
2018

Overview

ABSTRACT
The 2018 Kenya Household Health Expenditure and Utilization Survey (KHHEUS) is the fourth in a series of similar national surveys undertaken in 2003, 2007 and 2013 that explores the health seeking behavior, utilization of health services, health spending and health insurance penetration amongst the population. The survey will provide necessary information for monitoring progress in achieving the UHC agenda the progress of Universal Health Care (UHC) which is one of the government's big four agenda.

UNITS OF ANALYSIS
Household and individuals

TOPICS

Topic	Vocabulary	URI
KENYA HOUSEHOLD HEALTH EXPENDITURE AND UILIZATION SURVEY		

KEYWORDS
KHHEUS, HEALTH

Coverage

GEOGRAPHIC COVERAGE
The Entire Country

UNIVERSE
All Sampled Households in Kenya

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
DEPARTMENT OF POLICY PLANNING AND HEALTH FINANCING	MINISTRY OF HEALTH

OTHER PRODUCER(S)

Name	Affiliation	Role
KENYA NATIONAL BUREAU OF STATISTICS	STATE DEPARTMENT OF PLANNING	
DEPARTMENT OF POLICY PLANNING AND HEALTH FINANCING	MINISTRY OF HEALTH	

FUNDING

Name	Abbreviation	Role
WORLD BANK	WB	FUNDING

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
MINISTRY OF HEALTH	MOH		
KENYA NATIONAL BUREAU OF STATISTICS	KNBS	STATE DEPARTMENT OF PLANNING	

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Sampling

Sampling Procedure

The 2018 Kenya Household Health Expenditure and Utilization Survey (2018 KHHEUS) was household-based survey designed to provide estimates for various indicators at the national level, each of the 47 Counties, and residence (rural and urban areas).The survey used the fifth National Sample Survey and Evaluation Programme (NASSEP V) household sampling frame. This is the frame that the Bureau currently operates to conduct household-based surveys in Kenya. The primary sampling unit for NASSEP V master sampling frame is a cluster, which constitutes one or more EAs, with an average of 100 households per cluster. The frame consists of 5,360 clusters and is stratified into urban and rural areas within each of 47 counties resulting
into 92 sampling strata with Nairobi and Mombasa counties being wholly urban.

The sample was designed to have 37,500 households selected from 1,500 clusters (577 in urban and 923 in rural areas) spread across the country. Selection of the sample followed a two-stage stratified cluster sampling design in which 1,500 clusters were sampled from NASSEP V in the first stage. The second stage involved random selection of a uniform sample of 25 households in each cluster from a roster of households in the cluster using systematic random sampling method. Due to the nonproportional allocation of the sample, the survey was not self-weighting. The resulting data has, therefore been weighted to be representative at the national level as well as at county level.

Weighting

Weights for the 2018 KHHEUS were computed and applied during analysis. This is because the survey was not self-weighting since the sample allocation was not proportional to the size of the strata. Additionally, some of the sampled households did not respond to the interviews while others could not be accessed due to various reasons. Accordingly, the sample required weighting adjustments to cater for non-proportional distribution of clusters and non-response, in order to provide estimates that are representative of target population at national and county levels. The design weights incorporated the probabilities of selection of the clusters from the census EAs database into the NASSEP V sample frame, the probabilities of selection of the KHHEUS clusters from NASSEP V frame and the probabilities of selection of the households from each of the Sampled KHHEUS clusters. These design weights were then adjusted for household and cluster non-response. Non-response was adjusted at stratum level.

Eventually, the weights were adjusted to ensure consistency with the projectedpopulation figures.

Questionnaires

No content available

Data Collection

Data Collection Dates

Start	End	Cycle	
2018	2018	N/A	6

Time Periods

Start	End	Cycle
2018	2018	N/A

Data Collection Mode

Face to Face using CAPI

Data Processing

No content available

Data Appraisal

No content available