

# KENYA - NUHDSS - Individual Characteristics data for all DSS Residents - 2002 to 2015

**African Population and Health Research Center - APHRC**

Report generated on: July 18, 2017

Visit our data catalog at: <http://aphrc.org/catalog/microdata/index.php>

## Overview

### Identification

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ID NUMBER  
APHRC-NUHDSS-INDIVIDUAL-CHARACTERISTICS-1.1

### Version

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VERSION DESCRIPTION

PRODUCTION DATE  
2017-05-31

NOTES  
Version 1.1 with datasets up to 2015

### Overview

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ABSTRACT  
Under the NUHDSS the households are visited in two informal settlements in Nairobi every four months to collect information on health and other related issues so that we can understand the health and well-being of members of these communities. Specifically, we would like to know about the individual characteristics.

UNITS OF ANALYSIS  
All NUHDSS individuals.

### Scope

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NOTES  
This includes the NUHDSS individual id, date of birth, gender, ethnicity and date introduced to the DSA.

### Coverage

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GEOGRAPHIC COVERAGE  
Two informal settlements (slums) in Nairobi county, Kenya (specifically, Korogocho and Viwandani slums).

UNIVERSE  
The survey covered all DSS members.

### Producers and Sponsors

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PRIMARY INVESTIGATOR(S)

Name	Affiliation
African Population and Health Research Center	APHRC

OTHER PRODUCER(S)

Name	Affiliation	Role
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Name	Affiliation	Role
African Population and Health Research Center		Data Collection, Processing, and Documentation

## FUNDING

Name	Abbreviation	Role
Wellcome Trust		Funder
Rockefeller Foundation (USA),		Funder
William and Flora Hewlett Foundation (USA)		Funder
Comic Relief (UK)		Funder
Swedish International Development Cooperation	SIDA	Funder
Bill and Melinda Gates Foundation (USA).		Funder

## OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
Residents of Korogocho and Viwandani Slums		Study Subjects
Community leaders - chiefs and village elders		Support to field teams

## Metadata Production

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## METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
African Population and Health Research Center	APHRC	APHRC	Data Collection, Processing, and Documentation

## DATE OF METADATA PRODUCTION

2017-05-31

## DDI DOCUMENT VERSION

Version 1.1, May 2017.

## DDI DOCUMENT ID

APHRC-NUHDSS-INDIVIDUAL-CHARACTERISTICS-1.1

## Sampling

### **Sampling Procedure**

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All individuals who are the household members (usual residents) in the geographic coverage area.

### **Deviations from Sample Design**

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NA

# Questionnaires

## Overview

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NA

## Data Collection

### Data Collection Dates

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<b>Start</b>	<b>End</b>	<b>Cycle</b>
2002-08-05	2015-12-31	Round 1 to Round 38

### Data Collection Mode

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Face-to-face [f2f]

### Questionnaires

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NA

### Supervision

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Interviewing teams in the two sites of study comprised of:

- Korogocho: 1 field supervisor, 2 editing team leaders, 1 data quality control team leader, 1 deaths' monitoring team leader, 2 data quality control officers, 12 interviewers
- Viwandani: 1 field supervisor, 2 editing team leaders, 1 data quality control team leader, 1 deaths' monitoring team leader, 3 data quality control officers, 17 interviewers

The roles of the various members of the interviewing teams were:

- Interviewer: Conducting face-to-face paper-based interviews(Round 0- Round 38)
- Data Quality Control Officer: Performing random spot-checks on 10% of the questionnaires and reporting inconsistencies to the Data Quality Control Team Leader for harmonization within the study community
- Data Quality Control Team Leader: Harmonizing inconsistencies within questionnaires and performing a random spot-check on 10% of the 10% questionnaires that have already undergone spot-checking
- Editing Team Leader: Editing 100% of questionnaires from randomly selected field workers and documenting issues emerging during data collection
- Field supervisor: Responsible for overseeing general operations, resolving issues that cannot be harmonized by data quality control and ensuring that field work progressed on schedule. They also conducted sit-in interviews along with Data Quality Control Team Leader

The Field Co-ordinator, Research Officer and/or Project Managers visited the field and field teams regularly to monitor and review progress and support field operations.

## Data Processing

### Data Editing

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Data editing took place at a number of stages throughout the processing, including:

1. Quality control through back-checks on 10 percent of completed questionnaires and editing of all completed questionnaires by supervisors and project management staff.
2. A quality control officer performed internal consistency checks for all questionnaires and edited all paper questionnaires coming from the field before their submission for data entry with return of incorrectly filled questionnaires to the field for error-resolution.
3. During data entry, any questionnaires that were found to be inconsistent were returned to the field for resolution.
4. Data cleaning and editing was carried out using STATA Version 13 software.

Detailed documentation of the editing of data can be found in the "Standard Procedures Manual" document provided as an external resource.

Some corrections are made automatically by the program (80%) and the rest by visual control of the questionnaire (20%).

Where changes are made by the program, a cold deck imputation is preferred; where incorrect values are imputed using existing data from another dataset. If cold deck is found to be insufficient, hot deck imputation is used. In this case, a missing value is imputed from a randomly selected similar record in the same dataset.

### Other Processing

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Data were entered as follows:

1. Typed based on paper questionnaires at APHRC's headquarters on desktop computers. Double data entry was carried out on 10% of the questionnaires (Round 0- Round 38).

Data was captured using in-house software developed with a Visual Basic. Net front-end and a Microsoft Structured Query Language (SQL) Server back-end.

# Data Appraisal

No content available

# File Description

# Variable List

## individual\_anon

Content	The file contains data related to the NUHDSS individual id, date of birth, gender ,ethnicity and date first introduced to the DSA.
Cases	242787
Variable(s)	5
Structure	Type: Keys: ()
Version	V1.0
Producer	African Population & Health Research Center (APHRC).
Missing Data	Data are coded as follows: ·Missing Data: No data or a missing data code provided where data should have been collected. All missing values are coded as 9999995 "missing:impute". ·Other-specify: A data code of 6/96/996, etcetera "other" is assigned to any variable that is a filter leading to another variable where the respondent can provide more specific details about the filter variable ·Refused: A data code of 7/97/997, etcetera "refused" is assigned to any variable where the respondent refused to answer or participate ·Don't Know: A data code of 8/98/998, etcetera "don't know" is assigned to any variables where the respondent did not know the answer ·Skipped Questions: A data code of 9/99/999, etcetera "NIU (not in universe)" is assigned to any variable where the unit (in this case, household) is not in the universe/are not eligible to answer the question

## Variables

ID	Name	Label	Type	Format	Question
V1	ind_individualid_anon	NUHDSS individual (anonymizer all rounds)	discrete	character	na
V2	ind_datebirth	date of birth of NUHDSS individual (%td format)	discrete	character	na
V3	ind_gender	gender of NUHDSS individual	discrete	numeric	na
V4	ind_datetodsa	date of first introduction into of NUHDSS individual (%td format)	discrete	character	na
V5	ind_ethnicity	ethnicity of NUHDSS individual	discrete	numeric	na



## NUHDSS individual (anonymizer all rounds) (ind\_individualid\_anon)

File: individual\_anon

### Overview

Type: Discrete	Valid cases: 242787
Format: character	Invalid: 0
Width: 36	

### Description

The NUHDSS individual id.

### Universe

All the NUHDSS individual.

### Source of information

The interviewer.

### Pre question

na

### Literal question

na

### Post question

na

### Interviewer instructions

na

## date of birth of NUHDSS individual (%td format) (ind\_datebirth)

File: individual\_anon

### Overview

Type: Discrete	Valid cases: 242766
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

### Description

The date of birth of NUHDSS individual.

### Universe

All the NUHDSS individual.

### Source of information

The respondent.

### Pre question

na

### Literal question

na

### Post question

na

### Interviewer instructions

na

## gender of NUHDSS individual (ind\_gender)

File: individual\_anon

### Overview

## gender of NUHDSS individual (ind\_gender)

File: individual\_anon

Type: Discrete  
 Format: numeric  
 Width: 21  
 Decimals: 0  
 Range: 1-9999995

Valid cases: 242779  
 Invalid: 8

**Description**

The gender of NUHDSS individual.

**Universe**

All the NUHDSS individual.

**Source of information**

The respondent.

**Pre question**

na

**Literal question**

na

**Post question**

na

**Interviewer instructions**

na

date of first introduction into of NUHDSS individual (%td format)  
(ind\_datetodsa)

File: individual\_anon

**Overview**

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 201454  
 Minimum: NaN  
 Maximum: NaN

**Description**

The date of first introduction of the NUHDSS individual into the DSA.

**Universe**

All the NUHDSS individual.

**Source of information**

The respondent.

**Pre question**

na

**Literal question**

na

**Post question**

na

**Interviewer instructions**

na

## ethnicity of NUHDSS individual (ind\_ethnicity)

File: individual\_anon

**Overview**

# ethnicity of NUHDSS individual (ind\_ethnicity)

File: individual\_anon

Type: Discrete  
Format: numeric  
Width: 26  
Decimals: 0  
Range: 1-9999995

Valid cases: 242787  
Invalid: 0

## Description

The ethnicity of NUHDSS individual.

## Universe

All the NUHDSS individual.

## Source of information

The respondent.

## Pre question

na

## Literal question

na

## Post question

na

## Interviewer instructions

na