

KENYA - NUHDSS - Household Headship 2002-2015

African Population and Health Research Center - APHRC

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Overview

Identification

ID NUMBER

APHRC-NUHDSS-HOUSEHOLD-HEAD-1.0

Version

VERSION DESCRIPTION

PRODUCTION DATE

2017-06-07

Overview

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 householdship of each individual for each round and the householdheadship of each household for each round.

UNITS OF ANALYSIS

All individuals

Scope

NOTES

Householdship:

This includes the ID of NUHDSS individual, ID of NUHDSS household, relationship to household head at start event, round of household membership.

Householdheadship:

This includes round of householdheadship, ID of NUHDSS household head, householdheadship start date, householdheadship end date, date of birth of NUHDSS household head, gender of NUHDSS household head and ethnicity of NUHDSS household head.

Coverage

GEOGRAPHIC COVERAGE

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

UNIVERSE

The survey covers all the individuals in all the households in the DSA.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
African Population and Health Research Center	APHRC

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
The 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

METADATA PRODUCED BY

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

DATE OF METADATA PRODUCTION

2017-06-07

DDI DOCUMENT VERSION

Version 1.0, June 2017.

DDI DOCUMENT ID

APHRC-NUHDSS-HOUSEHOLD-HEAD-1.0

Sampling

Sampling Procedure

No sampling was done, all the individuals in all the households in the DSA were interviewed.

Questionnaires

Overview

NA

Data Collection

Data Collection Dates

Start	End	Cycle
2002-08-01	2002-12-20	Round 0 and Round 1
2003-01-13	2003-12-19	Round 2, Round 3 and Round 4
2004-01-12	2004-12-22	Round 5, Round 6 and Round 7
2005-01-10	2005-11-18	Round 8, Round 9 and Round 10
2006-01-09	2006-12-22	Round 11, Round 12 and Round 13
2007-01-08	2007-12-21	Round 14, Round 15 and Round 16
2008-01-07	2008-12-19	Round 17 and Round 18
2009-01-05	2009-12-18	Round 19, Round 20 and Round 21
2010-01-04	2010-12-17	Round 22, Round 23 and Round 24
2011-01-03	2011-12-22	Round 25, Round 26 and Round 27
2012-01-09	2012-12-21	Round 28, Round 29 and Round 30
2013-01-07	2013-12-20	Round 31 and Round 32
2014-01-06	2014-12-19	Round 33, Round 34 and Round 35
2015-01-05	2015-12-21	Round 37 and Round 38

Data Collection Mode

Face-to-face [f2f]

Questionnaires

NA

Supervision

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) and using Netbooks (Round 39 onwards) in assigned zone within the study site
- 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

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

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).
2. Using Netbooks (Round 39 onwards).

In both cases, data were 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

Householdship_anon

Content	The file contains data related to the ID of NUHDSS individual, ID of NUHDSS household, relationship to household head at start event and round of household membership.
Cases	2330820
Variable(s)	6
Structure	Type: relational Keys: hhd_hhid_anon(ID of NUHDSS household), hhd_round_event(round of household membership)
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
V39	hhd_individualid_anon	ID of NUHDSS individual	discrete	character	na
V40	hhd_hhid_anon	ID of NUHDSS household	discrete	character	na
V41	hhd_reltohhh	relationship to household head at start event	discrete	numeric	na
V42	hhd_round_event	round of household membership	contin	numeric	na
V43	hhd_startdate	householdship start date	discrete	character	na
V44	hhd_enddate	householdship end date	discrete	character	na

Household_heads_anon

Content	The file contains data related to the ID of NUHDSS household, round of NUHDSS data collection, household headship start date, household headship end date, ID of NUHDSS household head, full name of NUHDSS household head, date of birth of NUHDSS household head, gender of NUHDSS household head and ethnicity of NUHDSS household head.
Cases	1016491
Variable(s)	8
Structure	Type: relational Keys: hhh_hhid_anon(ID of NUHDSS household), hhh_round(round of household headship)
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
V31	hhh_hhid_anon	ID of NUHDSS household	discrete	character	na
V32	hhh_round	round of household headship	contin	numeric	na
V33	hhh_startdate	household headship start date	discrete	character	na
V34	hhh_enddate	household headship end date	discrete	character	na
V35	hhh_individualid_anon	ID of NUHDSS household head	discrete	character	na
V36	hhh_datebirth	date of birth of NUHDSS household head (%td format)	discrete	character	na
V37	hhh_gender	gender of NUHDSS household head	discrete	numeric	na
V38	hhh_ethnicity	ethnicity of NUHDSS household head	discrete	numeric	na

ID of NUHDSS individual (hhd_individualid_anon)

File: Householdship_anon

Overview

Type: Discrete
 Format: character
 Width: 36

Valid cases: 2330820
 Invalid: 0

Description

ID of the NUHDSS individual.

Universe

All the individuals

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

ID of NUHDSS household (hhd_hhid_anon)

File: Householdship_anon

Overview

Type: Discrete
 Format: character
 Width: 36

Valid cases: 2330820
 Invalid: 0

Description

ID of the NUHDSS household.

Universe

All the individuals

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

relationship to household head at start event (hhd_reltohhh)

File: Householdship_anon

Overview

relationship to household head at start event (hhd_reltohhh)

File: Householdship_anon

Type: Discrete
 Format: numeric
 Width: 32
 Decimals: 0
 Range: 1-9999995

Valid cases: 2330820
 Invalid: 0

Description

The relationship to the household head at start event.

Universe

All the individuals

Source of information

The respondent.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

round of household membership (hhd_round_event)

File: Householdship_anon

Overview

Type: Continuous
 Format: numeric
 Width: 9
 Decimals: 0
 Range: 0-42

Valid cases: 2330820
 Invalid: 0
 Minimum: 0
 Maximum: 42
 Mean: 21.1
 Standard deviation: 12.5

Description

The round of household membership.

Universe

All the individuals

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

householdship start date (hhd_startdate)

File: Householdship_anon

Overview

householdship start date (hhd_startdate)

File: Householdship_anon

Type: Discrete

Format: character

Width: 11

Valid cases: 2330820

Minimum: NaN

Maximum: NaN

Description

The householdship start date.

Universe

All the individuals

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

householdship end date (hhd_enddate)

File: Householdship_anon

Overview

Type: Discrete

Format: character

Width: 11

Valid cases: 2330820

Minimum: NaN

Maximum: NaN

Description

The householdship end date.

Universe

All the individuals

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

ID of NUHDSS household (hhh_hhid_anon)

File: Household_heads_anon

Overview

Type: Discrete	Valid cases: 1016491
Format: character	Invalid: 0
Width: 36	

Description

ID of the NUHDSS household.

Universe

All the households.

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

round of householdheadship (hhh_round)

File: Household_heads_anon

Overview

Type: Continuous	Valid cases: 1016491
Format: numeric	Invalid: 0
Width: 10	Minimum: 0
Decimals: 0	Maximum: 39
Range: 0-42	Mean: 20.5
	Standard deviation: 11.3

Description

The round of NUHDSS data collection.

Universe

All the households.

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

household headship start date (hhh_startdate)

File: Household_heads_anon

Overview

household headship start date (hhh_startdate)

File: Household_heads_anon

Type: Discrete

Format: character

Width: 11

Valid cases: 1016491

Minimum: NaN

Maximum: NaN

Description

The household headship start date.

Universe

All the households.

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

household headship end date (hhh_enddate)

File: Household_heads_anon

Overview

Type: Discrete

Format: character

Width: 11

Valid cases: 1016491

Minimum: NaN

Maximum: NaN

Description

The household headship end date.

Universe

All the households.

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

ID of NUHDSS household head (hhh_individualid_anon)

File: Household_heads_anon

Overview

Type: Discrete

Format: character

Width: 36

Valid cases: 1016491

Invalid: 0

Description

ID of the NUHDSS household head.

ID of NUHDSS household head (hhh_individualid_anon)

File: Household_heads_anon

Universe

All the households.

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

date of birth of NUHDSS household head (%td format) (hhh_datebirth)

File: Household_heads_anon

Overview

Type: Discrete

Format: character

Width: 11

Valid cases: 1016491

Minimum: NaN

Maximum: NaN

Description

The date of birth of NUHDSS household head.

Universe

All the households.

Source of information

The respondent.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

gender of NUHDSS household head (hhh_gender)

File: Household_heads_anon

Overview

Type: Discrete

Format: numeric

Width: 21

Decimals: 0

Range: 1-9999995

Valid cases: 1016491

Invalid: 0

Description

The gender of NUHDSS household head.

Universe

All the households.

Source of information

gender of NUHDSS household head (hhh_gender)

File: Household_heads_anon

The respondent.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

ethnicity of NUHDSS household head (hhh_ethnicity)

File: Household_heads_anon

Overview

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

Valid cases: 1016491
 Invalid: 0

Description

The ethnicity of NUHDSS household head.

Universe

All the households.

Source of information

The respondent.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na