KENYA - NUHDSS-Pregnancy Outcome and Birth Registration 2002-2015

African Population and Health Research Center

Report generated on: June 2, 2017

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

Overview

Identification

ID NUMBER
APHRC-NUHDSS-PREGNANCY-OUTCOME-AND-BIRTH-REGISTRATION-v1.0

Version

VERSION DESCRIPTION

PRODUCTION DATE
2017-06-02

Overview

ABSTRACT
The Nairobi Urban Health and Demographic Surveillance System (NUHDSS) was set up in 2002 in two Nairobi informal settlements (Korogocho and Viwandani) to provide a platform for investigating linkages between urban poverty, health, and demographic and other socioeconomic outcomes, and to facilitate the evaluation of interventions to improve the wellbeing of the urban poor. All households are visited every four months to collect demographic and health information. The present module refers to 'Pregnancy Outcome and Birth Registration'.

UNITS OF ANALYSIS
All female household members who had a pregnancy outcome.

Scope

NOTES
This includes the Background, repondent's particulars, child's details, child's father details and child's mother details.

Coverage

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

UNIVERSE
The survey covered all female DSS members who had a pregnancy outcome.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
African Population and Health Research Center	

OTHER PRODUCER(S)

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

Metadata Production

METADATA PRODUCED BY

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

DATE OF METADATA PRODUCTION
2017-06-02

DDI DOCUMENT VERSION
Version 1.0, June 2017.

DDI DOCUMENT ID
APHRC-NUHDSS-PREGNANCY-OUTCOME-AND-BIRTH-REGISTRATION-v1.0

Sampling

No content available

Questionnaires

Overview

Rounds 11-12, 14
1. PREGNANCY OUTCOME FORM
2. CHILD REGISTRATION FORM

Rounds 1-10, 13, 15+
1. PREGNANCY OUTCOME AND BIRTH REGISTRATION FORM

Data Collection

Data Collection Dates

Start	End	Cycle
2002-12-01	2002-12-20	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

Rounds 11-12, 14
1. PREGNANCY OUTCOME FORM
2. CHILD REGISTRATION FORM

Rounds 1-10, 13, 15+
1. PREGNANCY OUTCOME AND BIRTH REGISTRATION FORM

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
- Editting Team Leader: Editting 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 editting 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

NUHDSS_Pegnancy_Outcome_2002-2015

Content	The file contains data related to the Background, the repondent's particulars and pregnancy outcome details.
Cases	25550
Variable(s)	11
Structure	Type: relational Keys: pgo_bth_id(ID to merge to birth registration)
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
V66	pgo_bth_id	ID to merge to birth registration	discrete	character	na
V67	pgo_individualid_anon	NUHDSS individual (anonymizer all rounds)	discrete	character	WOMAN'S ID
V68	pgo_round_intvw	round of interview (created from OBSERVATIONID)	contin	numeric	na
V69	pgo_slumarea	slum area in NUHDSS	discrete	numeric	na
V70	pgo_intvwdate	date of interview (%td format)	discrete	character	DATE OF INTERVIEW (DD/MM/YYYY)
V71	pgo_intvwresult	result of interview	discrete	numeric	RESULT OF INTERVIEW (CODE SHEET A7)
V72	pgo_intwwrating	interview rating	discrete	numeric	RATE THE INTERVIEW
V73	pgo_respismother	the respondent is the mother	discrete	numeric	IS RESPONDENT THE WOMAN WHO WAS PREGNANT?
V74	pgo_resplivesinHH	the respondent lives in the household	discrete	numeric	Do you live in the same household as (NAME OF WOMAN WHO WAS PREGNANT)?
V75	pgo_respreltowom	respondent's relationship to woman	discrete	numeric	na
V76	pgo_numpregstotal	# of total pregnancies in lifetime (with/without live birth)	discrete	numeric	How many times have you ever been pregnant in your life?

NUHDSS_Births_2002-2015

Content	The file contains data related to the Background, the repondent's particulars, pregnancy outcome details, child details, child's father details and child's mother details.
Cases	25518
Variable(s)	25
Structure	Type: relational Keys: bth_pgo_id(ID to merge to pregnancy outcome)
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
V77	bth_pgo_id	ID to merge to pregnancy outcome	discrete	character	na
V83	bth_round_intvw	round of interview (created from OBSERVATIONID)	contin	numeric	na
V79	bth_hhid_anon	NUHDSS socialgroup (anonymizer all rounds)	discrete	character	WOMAN'S HOUSEHOLD ID
V86	bth_momindividualid_anon	NUHDSS individual (anonymizer all rounds)	discrete	character	WOMAN'S ID
V87	bth_momdatebirth	biological mother's date of birth	discrete	character	na
V88	bth_momageatbirth	biological mother's age at birth of individual	discrete	numeric	na
V84	bth_round_event	round of delivery/pregnancy termination	contin	numeric	na
V99	bth_multiplebirth	multiple birth	discrete	numeric	How many foetuses were in this pregnancy?
V92	bth_pregoutcome	outcome of the pregnancy	discrete	numeric	What was/were the outcome(s) of the pregnancy?
V85	bth_datebirth	date of birth/pregnancy termination (%td format)	discrete	character	On what date did the delivery occur/ pregnancy end?
V93	bth_preg_dur	duration of pregnancy (months)	discrete	numeric	What was the duration (in months) of pregnancy when the delivery occurred/ pregnancy ended?
V94	bth_delivplace	place of delivery/pregnancy termination	discrete	numeric	Where did you deliver?
V95	bth_birth_province	province in Kenya in which delivered/pregnancy terminated	discrete	numeric	Please tell me the name of the area where the delivery occurred/pregnancy ended.

13

ID	Name	Label	Type	Format	Question
V96	bth_birth_district	district in Kenya in which delivered/pregnancy terminated	discrete	numeric	Please tell me the name of the area where the delivery occurred/pregnancy ended.
V97	bth_birth_areatype	type of area in Kenya in which delivered/pregnancy terminated	discrete	numeric	RECORD PLACE OF DELIVERY/PREGNANCY ENDING
V98	bth_bordlivebirths	birth order amongst all live births	discrete	numeric	What is (NAME OF CHILD) birth order considering all live births?
V100	bth_delivassisted	assisted at delivery/pregnancy termination	discrete	numeric	Did you get any assistance to end the pregnancy?
V101	bth_delivassistedby	assistance at delivery/pregnancy termination	discrete	numeric	Who assisted you during delivery/ to end the pregnancy?
V80	bth_wherestays	where child stays	discrete	numeric	Where does (NAME) live?
V78	bth_childindividualid_anon	NUHDSS individual (anonymizer all rounds)	discrete	character	CHILD'S ID
V82	bth_slumarea	slum area in NUHDSS	discrete	numeric	na
V81	bth_reltohhh	child's relationship to household head	discrete	numeric	What is the relationship of the child to (NAME OF HOUSEHOLD HEAD)?
V89	bth_popindividualid_anon	NUHDSS individual (anonymizer all rounds)	discrete	character	FATHER'S ID FROM RELEVANT HRB
V90	bth_popdatebirth	biological father's date of birth	discrete	character	na
V91	bth_popageatbirth	biological father's age at birth of individual	discrete	numeric	na

ID to merge to birth registration (pgo_bth_id)
File: NUHDSS_Pegnancy_Outcome_2002-2015

Overview	
Type: Discrete	Valid cases: 25550
Format: character	Invalid: 0
Width: 36	

Description

ID to merge to birth registration.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

NUHDSS individual (anonymizer all rounds) (pgo_individualid_anon)
File: NUHDSS_Pegnancy_Outcome_2002-2015

Overview	
Type: Discrete	Valid cases: 25550
Format: character	Invalid: 0
Width: 36	

Description

The NUHDSS individual id (anonymizer all rounds).

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The interviewer.

Pre question

na

Literal question

WOMAN'S ID

Post question

na

Interviewer instructions

Obtain the woman's 14-digit ID from the HRB, and record it in the boxes provided on the Form.
1.6 ID OF ROOM WHERE WOMAN SLEEPS. Record the ID for the rentable room where the woman is currently sleeping. You may get it from the HRB if the woman was registered in the previous round and sleeping in the same room where she was last found or enumerated. Otherwise record the ID of the room where the woman currently sleeps. .

round of interview (created from OBSERVATIONID) (pgo_round_intvw)
File: NUHDSS_Pegnancy_Outcome_2002-2015

round of interview (created from OBSERVATIONID) (pgo_round_intvw)
File: NUHDSS_Pegnancy_Outcome_2002-2015

Overview	
Type: Continuous	Valid cases: 25550
Format: numeric	Invalid: 0
Width: 10	Minimum: 1
Decimals: 0	Maximum: 38
Range: 1-38	Mean: 20.4
	Standard deviation: 10.4

Description

The round of interview (created from OBSERVATIONID).

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

slum area in NUHDSS (pgo_slumarea)
File: NUHDSS_Pegnancy_Outcome_2002-2015

Overview	
Type: Discrete	Valid cases: 25550
Format: numeric	Invalid: 0
Width: 14	
Decimals: 0	
Range: 1-9999995	

Description

The slum area in NUHDSS.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

date of interview (%td format) (pgo_intvwdate)
File: NUHDSS_Pegnancy_Outcome_2002-2015

Overview	

Type: Discrete
Format: character
Width: 11

Valid cases: 25550
Minimum: NaN
Maximum: NaN

Description

The date of interview.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The interviewer.

Pre question

na

Literal question

DATE OF INTERVIEW (DD/MM/YYYY)

Post question

na

Interviewer instructions

Fill out the date when you conduct the interview for the Pregnancy Outcome. Fill out the Day (two digits), Month (2 digits) and Year (4 digits) in the cells provided on the questionnaire in the form DD/MM/YYYY

result of interview (pgo_intvwresult)
File: NUHDSS_Pegnancy_Outcome_2002-2015

Overview	

Type: Discrete
Format: numeric
Width: 38
Decimals: 0
Range: 1-9999995

Valid cases: 25550
Invalid: 0

Description

The result of the interview.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The interviewer.

Pre question

na

Literal question

RESULT OF INTERVIEW (CODE SHEET A7)

Post question

na

Interviewer instructions

Record the final result of the interview in the cell provided. The codes used are:
1=Completed; 2=No Competent Respondent At Home; 3=Entire HH Absent For Extended Period; 4=Refused; 8=Other

interview rating (pgo_intwwrating)
File: NUHDSS_Pegnancy_Outcome_2002-2015

Overview	

interview rating (pgo_intwwrating)
File: NUHDSS_Pegnancy_Outcome_2002-2015

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

Valid cases: 25550
Invalid: 0

Description

The interview rating.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The interviewer.

Pre question

na

Literal question

RATE THE INTERVIEW

Post question

na

Interviewer instructions

Records if the interview was very good to very bad according to your judgement.

the respondent is the mother (pgo_respismother)
File: NUHDSS_Pegnancy_Outcome_2002-2015

Overview

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

Valid cases: 25550
Invalid: 0

Description

Whether the respondent is the mother.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

IS RESPONDENT THE WOMAN WHO WAS PREGNANT?

Post question

[IF 1 SKIP TO Q3.1]

Interviewer instructions

na

the respondent lives in the household (pgo_resplivesinHH)
File: NUHDSS_Pegnancy_Outcome_2002-2015

Overview

the respondent lives in the household (pgo_resplivesinHH)
File: NUHDSS_Pegnancy_Outcome_2002-2015

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

Valid cases: 25550
Invalid: 0

Description

Whether the respondent lives in the same household as the mother.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

Do you live in the same household as (NAME OF WOMAN WHO WAS PREGNANT)?

Post question

[IF 1 SKIP TO Q2.5]

Interviewer instructions

Record if the respondent lives in the same household as the pregnant woman?

respondent's relationship to woman (pgo_respreltowom)
File: NUHDSS_Pegnancy_Outcome_2002-2015

Overview

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

Valid cases: 25550
Invalid: 0

Description

The respondent's relationship to the woman.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

of total pregnancies in lifetime (with/without live birth) (pgo_numpregstotal)
File: NUHDSS_Pegnancy_Outcome_2002-2015

Overview

of total pregnancies in lifetime (with/without live birth) (pgo_numpregstotal)
File: NUHDSS_Pegnancy_Outcome_2002-2015

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

Valid cases: 25550
Invalid: 0

Description

The number of total pregnancies in lifetime (with/without live birth).

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

How many times have you ever been pregnant in your life?

Post question

[PLEASE INCLUDE ALL PREGNANCIES EVEN THOSE THAT DID NOT RESULT INTO LIVE BIRTHS].

Interviewer instructions

You should ask this question very carefully and sensitively because many women are not likely to include pregnancies that did not terminate in a live birth, particularly those that they terminated themselves (induced abortion) because of the stigma associated with abortion in our culture.

ID to merge to pregnancy outcome (bth_pgo_id)
File: NUHDSS_Births_2002-2015

Overview	
Type: Discrete	**Valid cases:** 25518
Format: character	Invalid: 0
Width: 36	

Description

ID to merge to pregnancy outcome.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

round of interview (created from OBSERVATIONID) (bth_round_intvw)
File: NUHDSS_Births_2002-2015

Overview	
Type: Continuous	**Valid cases:** 25518
Format: numeric	Invalid: 0
Width: 10	Minimum: 1
Decimals: 0	Maximum: 42
Range: 1-42	Mean: 20.8
	Standard deviation: 10.6

Description

The round the interview was conducted.(created from OBSERVATIONID).

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

NUHDSS socialgroup (anonymizer all rounds) (bth_hhid_anon)
File: NUHDSS_Births_2002-2015

NUHDSS socialgroup (anonymizer all rounds) (bth_hhid_anon)
File: NUHDSS_Births_2002-2015

Overview	
Type: Discrete	Valid cases: 25516
Format: character	Invalid: 0
Width: 36	

Description

The NUHDSS socialgroup (anonymizer all rounds).

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The interviewer.

Pre question

na

Literal question

WOMAN'S HOUSEHOLD ID

Post question

na

Interviewer instructions

From the HRB, obtain the Household ID for the household where the woman is currently residing, and record it in the boxes provided. Note that the household ID should not be inferred from the woman's ID because she could have moved from the household where she was enumerated to a new household. The Household ID is permanent for each household, and will never change even when the household or its head moves to another Rentable Room or different structure altogether that is within the NUHDSS. However, the ID for the household head can change.

NUHDSS individual (anonymizer all rounds) (bth_momindividualid_anon)
File: NUHDSS_Births_2002-2015

Overview	
Type: Discrete	Valid cases: 25491
Format: character	Invalid: 0
Width: 36	

Description

The NUHDSS individual id for the mother(anonymizer all rounds).

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The interviewer.

Pre question

na

Literal question

WOMAN'S ID

Post question

na

Interviewer instructions

Obtain the woman's 14-digit ID from the HRB, and record it in the boxes provided on the Form.
1.6 ID OF ROOM WHERE WOMAN SLEEPS. Record the ID for the rentable room where the woman is currently sleeping. You may get it from the HRB if the woman was registered in the previous round and sleeping in the same room where she was last found or enumerated. Otherwise record the ID of the room where the woman currently sleeps. .

biological mother's date of birth (bth_momdatebirth)
File: NUHDSS_Births_2002-2015

Overview	
Type: Discrete	Valid cases: 25491
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

Description

The biological mother's date of birth.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

biological mother's age at birth of individual (bth_momageatbirth)
File: NUHDSS_Births_2002-2015

Overview	
Type: Discrete	Valid cases: 25491
Format: numeric	Invalid: 27
Width: 21	
Decimals: 0	
Range: 0-9999995	

Description

The biological mother's age at birth of the child.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

round of delivery/pregnancy termination (bth_round_event)
File: NUHDSS_Births_2002-2015

Overview	

round of delivery/pregnancy termination (bth_round_event)
File: NUHDSS_Births_2002-2015

Type: Continuous	Valid cases: 25518
Format: numeric	Invalid: 0
Width: 9	Minimum: 0
Decimals: 0	Maximum: 39
Range: 0-39	Mean: 19.9
	Standard deviation: 10.7

Description

The round of delivery/pregnancy termination.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The interviewer.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

multiple birth (bth_multiplebirth)
File: NUHDSS_Births_2002-2015

Overview

Type: Discrete	Valid cases: 25518
Format: numeric	Invalid: 0
Width: 21	
Decimals: 0	
Range: 1-9999995	

Description

The multiple birth.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

How many foetuses were in this pregnancy?

Post question

na

Interviewer instructions

na

outcome of the pregnancy (bth_pregoutcome)
File: NUHDSS_Births_2002-2015

Overview

outcome of the pregnancy (bth_pregoutcome)
File: NUHDSS_Births_2002-2015

Type: Discrete
Format: numeric
Width: 33
Decimals: 0
Range: 1-9999995

Valid cases: 25518
Invalid: 0

Description

The outcome of the pregnancy.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

What was/were the outcome(s) of the pregnancy?

Post question

[IF Q3.4 IS NOT LIVE BIRTH, SKIP TO Q8.1]
[IF MORE THAN 1 LIVE BIRTH, FILL 4A FOR EACH LIVE BIRTH]

Interviewer instructions

Ask for outcome of each foetus according to the number in Q 3.1 and record in the boxes

1 = Live Birth: This covers all births where the child showed signs of life, such as movement or crying, after being born. As such, all children who were born alive should be under this category, irrespective of how long they lived after birth. Note that there might be a tendency for some women to report a pregnancy outcome whose child died immediately after birth as a stillbirth; this should be a live birth. You should also be aware of some cultural practices that may affect a response to this question. For instance, in some cultures, a child is not considered as a "human being" until after certain rituals are conducted.

2 = Still Birth: Record "STB" if the child was born dead (i.e. there were no signs of life at the time of birth). Any pregnancy that results into delivery of a dead child after pregnancy duration of 28 weeks or more should be categorized as a stillbirth.

NB: The spaces 2.4a, 2.4b and 2.4c are for multiple outcomes from a Pregnancy as described in Q2.3

3 = Miscarriage: A miscarriage refers to a pregnancy that is spontaneously (i.e. involuntarily) terminated between the date of conception and 27 weeks. The important thing to bear in mind here is that the pregnant woman did not induce the termination, and the fact that the woman was pregnant for 27 weeks or less (less than 7 months) at the time the pregnancy was terminated. If a pregnancy is terminated in the same way, but its duration is 28 weeks or more (7 months or more), the pregnancy outcome should be "STB"

4 = Abortion: Abortion refers to a situation where the termination of the pregnancy is instigated or induced by the woman. Note that because of the privacy and stigma associated with induced abortion in our society, many women may be reluctant to report that they deliberately terminated a pregnancy. As such, it is important that you ask the question tactfully and with sensitivity. This is one of the areas where building appropriate rapport with the respondent helps a lot. In general, the woman has to treat you as a "friend" to divulge such information to you. So, when a woman says that she lost a pregnancy through a miscarriage, you should probe further to establish whether the woman instigated the termination (in which case the code becomes ABT), or it happened spontaneously (in which case the code becomes MIS or STB depending on the gestation period of the pregnancy when it was terminated).

5 = Not Pregnant: Record NPG in situations where the respondent says that the woman whose pregnancy was recorded in a previous round was not pregnant as earlier indicated. This may be true if the respondent in a previous round was not the woman herself; most likely if it was the husband. It may, however, be true that the woman was pregnant but wants to conceal the fact that she deliberately terminated this pregnancy.

6 =Censored pregnancy: Record CEN for all women whose pregnancies were registered in a previous round and who changed residence by the time of your current visit. Pregnancy outcome censoring should be done at the place of origin while a normal pregnancy outcome should be captured at the point of destination. This will go along way in ensuring that we capture as many outcomes as possible, especially those that do not terminate into live birth or are concealed.

date of birth/pregnancy termination (%td format) (bth_datebirth)
File: NUHDSS_Births_2002-2015

Overview

Type: Discrete	Valid cases: 25518
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

Description

The date of birth/pregnancy termination.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

On what date did the delivery occur/ pregnancy end?

Post question

na

Interviewer instructions

Record the date the delivery occurred/pregnancy ended. This should be recorded in the date format DD/ MM/YYYY in the space provided.

duration of pregnancy (months) (bth_preg_dur)
File: NUHDSS_Births_2002-2015

Overview

Type: Discrete	Valid cases: 25518
Format: numeric	Invalid: 0
Width: 21	
Decimals: 0	
Range: 0-9999995	

Description

The duration of pregnancy in months.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

What was the duration (in months) of pregnancy when the delivery occurred/ pregnancy ended?

Post question

na

Interviewer instructions

Record the duration in months when the delivery occurred/pregnancy ended.

place of delivery/pregnancy termination (bth_delivplace)
File: NUHDSS_Births_2002-2015

Overview

place of delivery/pregnancy termination (bth_delivplace)
File: NUHDSS_Births_2002-2015

Type: Discrete
Format: numeric
Width: 27
Decimals: 0
Range: 1-9999995

Valid cases: 25518
Invalid: 0

Description

The place of delivery/pregnancy termination.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

Where did you deliver?

Post question

na

Interviewer instructions

Record where the delivery occurred. The responses to this question should be 1=House; 2=Health facility; 3=En route to health facility; 4=TBA Home; 5=TBA Facility; 6=Elsewhere (specify _____) 8=Don't know.

province in Kenya in which delivered/pregnancy terminated (bth_birth_province)
File: NUHDSS_Births_2002-2015

Overview

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

Valid cases: 25518
Invalid: 0

Description

The province in Kenya in which the mother delivered/pregnancy was terminated.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

Please tell me the name of the area where the delivery occurred/pregnancy ended.

Post question

na

Interviewer instructions

Please tell me the name of the area where the delivery occurred/pregnancy ended. Record the Name of the area where the delivery occurred/pregnancy ended. Write down the NAME specifying the Province and District in the boxes provided

district in Kenya in which delivered/pregnancy terminated (bth_birth_district)
File: NUHDSS_Births_2002-2015

Overview	
Type: Discrete	Valid cases: 25518
Format: numeric	Invalid: 0
Width: 39	
Decimals: 0	
Range: 100-9999995	

Description

The district in Kenya in which the mother delivered/pregnancy was terminated.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

Please tell me the name of the area where the delivery occurred/pregnancy ended.

Post question

na

Interviewer instructions

Please tell me the name of the area where the delivery occurred/pregnancy ended. Record the Name of the area where the delivery occurred/pregnancy ended. Write down the NAME specifying the Province and District in the boxes provided

type of area in Kenya in which delivered/pregnancy terminated (bth_birth_areatype)
File: NUHDSS_Births_2002-2015

Overview	
Type: Discrete	Valid cases: 25518
Format: numeric	Invalid: 0
Width: 21	
Decimals: 0	
Range: 1-9999995	

Description

The type of area in Kenya in which the mother delivered/pregnancy was terminated.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

RECORD PLACE OF DELIVERY/PREGNANCY ENDING

Post question

na

Interviewer instructions

Use the codes provided in code sheet A5 to fill in the appropriate codes for the province and district where delivery occurred/pregnancy ended.

birth order amongst all live births (bth_bordlivebirths)
File: NUHDSS_Births_2002-2015

Overview	
Type: Discrete	Valid cases: 25518
Format: numeric	Invalid: 0
Width: 21	
Decimals: 0	
Range: 1-9999995	

Description

The birth order amongst all live births.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

[FW: CHECK Q3.4, IF 1 ASK]

Literal question

What is (NAME OF CHILD) birth order considering all live births?

Post question

[IF FIRST BIRTH, GO TO 3.12]

Interviewer instructions

Record the birth order of the child, is the child the first second third etc? If the child is the first Birth, SKIP TO Q 3.12

assisted at delivery/pregnancy termination (bth_delivassisted)
File: NUHDSS_Births_2002-2015

Overview	
Type: Discrete	Valid cases: 25518
Format: numeric	Invalid: 0
Width: 21	
Decimals: 0	
Range: 0-9999995	

Description

The assisted the mother got at delivery/pregnancy termination.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

[FW: CHECK Q3.4; IF NOT 4 SKIP TO Q3.13]

Literal question

Did you get any assistance to end the pregnancy?

Post question

na

Interviewer instructions

If she got any assistance record(Y) if not record (NO).

assistance at delivery/pregnancy termination (bth_delivassistedby)
File: NUHDSS_Births_2002-2015

Overview

assistance at delivery/pregnancy termination (bth_delivassistedby)
File: NUHDSS_Births_2002-2015

Type: Discrete	Valid cases: 25518
Format: numeric	Invalid: 0
Width: 24	
Decimals: 0	
Range: 1-9999995	

Description

The person who gave assistance to the mather at delivery/pregnancy termination.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Literal question

Who assisted you during delivery/ to end the pregnancy?

Post question

na

Interviewer instructions

Record who assisted the woman to deliver or have her pregnancy terminated and enter "01" if it was a Doctor, "02' if it was a clinical officer, "03" Nurse/midwife, "04" if Nurse aid, "05" if TBA, "06"IF Neighbour/relative/friend; "07" if No one and "96" other (specify)------------

where child stays (bth_wherestays)
File: NUHDSS_Births_2002-2015

Overview

Type: Discrete	Valid cases: 25518
Format: numeric	Invalid: 0
Width: 26	
Decimals: 0	
Range: 1-9999995	

Description

The place where the child stays.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

Where does (NAME) live?

Post question

na

Interviewer instructions

Record if the child lives within the same household as the respondent(1), Other household in the DAS(2), or elsewhere in Nairobi(4)

NUHDSS individual (anonymizer all rounds) (bth_childindividualid_anon)
File: NUHDSS_Births_2002-2015

Overview

NUHDSS individual (anonymizer all rounds) (bth_childindividualid_anon)
File: NUHDSS_Births_2002-2015

Type: Discrete	Valid cases: 25518
Format: character	Invalid: 0
Width: 36	

Description

The NUHDSS individual (anonymizer all rounds) for the child.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The interviewer.

Pre question

na

Literal question

CHILD'S ID

Post question

na

Interviewer instructions

Obtain the child's 14-digit ID from the HRB, and record it in the boxes provided on the Form

slum area in NUHDSS (bth_slumarea)
File: NUHDSS_Births_2002-2015

Overview

Type: Discrete	Valid cases: 25518
Format: numeric	Invalid: 0
Width: 14	
Decimals: 0	
Range: 1-9999995	

Description

The slum area in NUHDSS.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

child's relationship to household head (bth_reltohhh)
File: NUHDSS_Births_2002-2015

Overview

child's relationship to household head (bth_reltohhh)
File: NUHDSS_Births_2002-2015

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

Valid cases: 25518
Invalid: 0

Description

The child's relationship to household head.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

What is the relationship of the child to (NAME OF HOUSEHOLD HEAD)?

Post question

na

Interviewer instructions

Record the relationship of the child to the household head. Use code sheet A1 to guide in the code to record based on the relationship recorded.

NUHDSS individual (anonymizer all rounds) (bth_popindividualid_anon)
File: NUHDSS_Births_2002-2015

Overview

Type: Discrete
Format: character
Width: 36

Valid cases: 19584
Invalid: 0

Description

The NUHDSS individual id for the father(anonymizer all rounds).

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The interviewer.

Pre question

na

Literal question

FATHER'S ID FROM RELEVANT HRB

Post question

na

Interviewer instructions

na

biological father's date of birth (bth_popdatebirth)
File: NUHDSS_Births_2002-2015

Overview

biological father's date of birth (bth_popdatebirth)
File: NUHDSS_Births_2002-2015

Type: Discrete	Valid cases: 19584
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

Description

The biological father's date of birth.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

biological father's age at birth of individual (bth_popageatbirth)
File: NUHDSS_Births_2002-2015

Overview	
Type: Discrete	Valid cases: 19584
Format: numeric	Invalid: 5934
Width: 21	
Decimals: 0	
Range: 0-9999995	

Description

The biological father's age at birth of the child.

Universe

All the households with a female DSS members who had a pregnancy outcome.

Source of information

The respondent.

Pre question

na

Literal question

na

Post question

na

Interviewer instructions

na

Related Materials

Questionnaires

PREG & BTH REG QUESTIONNAIRE_ROUND 4-5

Title   PREG & BTH REG QUESTIONNAIRE_ROUND 4-5
Filename PREG & BTH REG QUESTIONNAIRE_ROUND 4-5.pdf

PREG QUESTIONNAIRE_ROUND 11-12

Title   PREG QUESTIONNAIRE_ROUND 11-12
Filename PREG QUESTIONNAIRE_ROUND 11-12.pdf

CODE SHEET

Title   CODE SHEET
Filename CODE SHEET A.pdf

PREG & BTH REG QUESTIONNAIRE_ROUND 13

Title   PREG & BTH REG QUESTIONNAIRE_ROUND 13
Filename PREG & BTH REG QUESTIONNAIRE_ROUND 13.pdf

PREG & BTH REG QUESTIONNAIRE_ROUND 19 ONWARDS

Title   PREG & BTH REG QUESTIONNAIRE_ROUND 19 ONWARDS
Filename PREG & BTH REG QUESTIONNAIRE_ROUND 19 ONWARDS.pdf

PREG & BTH REG QUESTIONNAIRE_ROUND 8

Title   PREG & BTH REG QUESTIONNAIRE_ROUND 8
Filename PREG & BTH REG QUESTIONNAIRE_ROUND 8.pdf

BTH REG QUESTIONNAIRE_ROUND 14

Title   BTH REG QUESTIONNAIRE_ROUND 14
Filename BTH REG QUESTIONNAIRE_ROUND 14.pdf

BTH REG QUESTIONNAIRE_ROUND 11-12

Title   BTH REG QUESTIONNAIRE_ROUND 11-12
Filename BTH REG QUESTIONNAIRE_ROUND 11-12.pdf

PREG & BTH REG QUESTIONNAIRE_ROUND 9-10

Title   PREG & BTH REG QUESTIONNAIRE_ROUND 9-10
Filename   PREG & BTH REG QUESTIONNAIRE_ROUND 9-10.pdf

PREG & BTH REG QUESTIONNAIRE_ROUND 1-3

Title   PREG & BTH REG QUESTIONNAIRE_ROUND 1-3
Filename   PREG & BTH REG QUESTIONNAIRE_ROUND 1-3.pdf

PREG QUESTIONNAIRE_ROUND 14

Title   PREG QUESTIONNAIRE_ROUND 14
Filename   PREG QUESTIONNAIRE_ROUND 14.pdf

PREG & BTH REG QUESTIONNAIRE_ROUND 6-7

Title   PREG & BTH REG QUESTIONNAIRE_ROUND 6-7
Filename   PREG & BTH REG QUESTIONNAIRE_ROUND 6-7.pdf