

# Kenya - Enhancing Universal Health Coverage in Kenya through Digital Innovations: A Financial and Health Diaries evaluation study of the i-PUSH program, iPUSH-MIDLINE

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## Overview

### Identification

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DDI-KEN-APHRC-IPUSH-MIDLINE-2022-v01

### Version

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#### VERSION DESCRIPTION

#### PRODUCTION DATE

2022-08-17

#### NOTES

N/A

### Overview

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#### ABSTRACT

**Background:** The goal of Universal Health Coverage (UHC) is ensuring that populations have access to the health services they need without suffering financial hardship in paying for them. This is marred by significant resource shortages and service delivery gaps leading to lack of access to quality health services. In addition to this, poor populations suffer from more challenges like cost, which impedes access to healthcare. Saving for healthcare is an intervention that involves building capacities of individuals, families and communities to take up appropriate self-care, prevention, and care-seeking behavior in order to improve access to much needed healthcare. The Innovative Partnership for Universal Sustainable Healthcare (i-PUSH) program developed by African Medical and Research Foundation (AMREF) and PharmAccess, aims to empower low-income reproductive age women and their families by offering them the opportunity to save for health care on their mobile phones ("health wallet"), have subsidized health insurance, access upgraded quality healthcare, and improve their knowledge through digitally trained Community Health Volunteers (CHVs).

**Objectives:** To provide under-the-skin insights into the target populations in Kakamega, Kisumu and Nairobi; to evaluate the impact of i-PUSH program on maternal healthcare utilization, financial protection and women's empowerment; and to evaluate the impact of the LEAP training tool on CHVs and women's health literacy including their knowledge, behavior and uptake of respective services.

**Study design:** The study will use a three-pronged approach: year-long weekly Financial and Health Diaries, Baseline and Endline surveys, and qualitative interviews. The Diaries and the Surveys will be carried out in two Counties, Kakamega and Kisumu. The qualitative interviews will be carried out in the two counties and Nairobi as an additional county. The study will use a cluster randomized control trial design in Kakamega to evaluate the impact of i-PUSH program. In Kisumu, selected households will be followed-up to capture the health-seeking behavior, health insurance, and health expenditure pattern of households over time. The study will be initially for 17 months and will continue for three years subject to additional funding.

#### UNITS OF ANALYSIS

The unit of analysis or observation that the study describes: individuals, households

### Scope

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#### NOTES

Midline

Background, household roster, socio demographics, education, health outcomes, health of children, health care utilization, food consumption, housing and assets, employment and income, women's empowerment, preferred clinics and mobile money, mental health, women's health (reproductive health experiences including family planning, previous and/or current

Kenya - Enhancing Universal Health Coverage in Kenya through Digital Innovations: A Financial and Health Diaries evaluation study of the i-PUSH program, iPUSH-MIDLINE pregnancy and uptake of respective services.), health knowledge, health of children, savings groups and cooperatives, Financial instruments (savings, loans/credit, insurance, M-Pesa)

## Coverage

### GEOGRAPHIC COVERAGE

National coverage (Kakamega and Kisumu county)

### UNIVERSE

Women of reproductive age (18-49) who have at least one child below age 5 years that is living with her or pregnant.

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

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### OTHER PRODUCER(S)

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### FUNDING

Name	Abbreviation	Role
Amsterdam Insitute of Global Health and Development (AIGHD) through the Dutch lottery.	AIGHD)	Funder

## Metadata Production

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African population and health research center	APHRC		Documentation of the DDI

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## Sampling

### Sampling Procedure

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#### Sampling Strategy

##### Quantitative study

With regards to sample size, we followed Hemming et al. [61]'s study for sample size calculation by fixing the number of clusters per arm to be 12 clusters, and then estimate the cluster size and total sample size as well. In the current study, we assume that the current i-PUSH program could yield an effect size of 0.4 in terms of healthcare utilization with an intracluster correlation (ICC) of  $\rho=0.014$ . The estimates of the ICC was derived from Geng et al. [62]'s study conducted in Nandi County where they used high-frequency data on diaries on health-seeking behaviors and financial expenditures over one year (October 2012-October 2013). The calculation of the ICC is based on healthcare utilization measured as visits to any formal health provider, regardless of any reported health symptoms. We also hypothesize a confidence interval of 95%, a margin-of-error of 5% and a power of 80%. The cluster size per arm, total women per clusters is therefore 10 and 12 women, respectively. Appendix 2 gives the details for sample size estimates.

Furthermore, for Kisumu, since we did not conduct any impact evaluation in that County, sample size estimates of 100 women was based on previous studies which used at least 100 participants for financial and health diaries data [62], [63]. We randomized at the level of the community units (CUs), proceeding as follows.

In Kakamega, we aligned RCT design with the i-PUSH expansion strategy in Kakamega. There are currently two options that were decided by AMREF and PharmAccess.

1) The i-PUSH program will expand to several new sub-counties; or 2) The i-PUSH program will expand to new Community Units within the existing four sub-counties where the program is currently implemented.

In either case, the treatment group consisted of randomly selected Community Units (CUs) in the catchment area of the clinics selected purposively by the program. Each treatment CU is served by a number of Community Health Workers (CHVs) who are trained on the i-PUSH program.

The control group consisted of CUs where the CHVs were not be trained by i-PUSH. We randomized at the level of the CU because within CUs, CHVs received the same training (hence cannot be assigned to treatment or control).

Option 1) In the new sub-counties: Out of a longlist of about 90 eligible CUs, approximately 80 CUs received training for the program. We randomly selected 10 CUs to be in the study control group (that were not be included) and 10 CUs in the study treatment group (after matching pairs of CUs); the remaining 70 CUs were included in the program but not in the study sample. Within CUs, we randomly selected 12 households for the dairies.

Option 2) In the existing sub-counties: Out of a list of at least 20 eligible CUs where i-Push has not been rolled out yet, the research team randomly selected 10 CUs to be in the study control group and 10 CUs to be in the study treatment group (after matching pairs of CUs); the remaining CUs in the existing sub-counties were included in the program but were not in the study sample.

### Deviations from Sample Design

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N/A

### Response Rate

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N/A

### Weighting

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N/A

# Questionnaires

## Overview

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### Midline

Background, household roster, socio demographics, education, health outcomes, health of children, health care utilization, food consumption, housing and assets, employment and income, preferred clinics and mobile money, mental health, women's health (reproductive health experiences including family planning, previous and/or current pregnancy and uptake of respective services.), health knowledge, health of children

## Data Collection

### Data Collection Dates

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<b>Start</b>	<b>End</b>	<b>Cycle</b>
2020-12-01	2020-12-15	Midline

### Data Collection Mode

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Face-to-face [f2f]

### Questionnaires

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#### Midline

Background, household roster, socio demographics, education, health outcomes, health of children, health care utilization, food consumption, housing and assets, employment and income, preferred clinics and mobile money, mental health, women's health (reproductive health experiences including family planning, previous and/or current pregnancy and uptake of respective services.), health knowledge, health of children

### Supervision

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Trained field supervisors were situated in the field (Kakamega and Kisumu) to supervise real time data collection. During fieldwork, data quality for quantitative data was ensured by APHRC team leads through regular spot checks and sit-ins to approximately 5-10% of each field worker's daily work to verify authenticity of data collected.

The field supervisors certified the quality of the data through editing of the data before they were transferred to the database.

Data collection was done electronically using tablets/phones, with spot checks for quality control. Once the data collection was completed, all inconsistencies were resolved prior to data analysis.

An automated routine to check on the data completeness, correctness and consistency was also be run on 100% of the collected data. A discrepancy report was then generated that helped in following up on any inconsistencies or errors in the data with the responsible interviewer.

## Data Processing

### **Data Editing**

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Data collection was done electronically using tablets/phones, with spot checks for quality control.

### **Other Processing**

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N/A

## Data Appraisal

### **Estimates of Sampling Error**

N/A

## **File Description**

## **Variable List**

## household anthropometrics\_midline

Content	The file contain data from; Module 5:HEALTH OF CHILDREN - ANTHROPOMETRICS
Cases	113
Variable(s)	10
Structure	Type: relational Keys: household_id(Household Id), individual_id(ID of the individual)
Version	Version 1.0
Producer	African population and health research center (APHRC)
Missing Data	na

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1	household_id	Household Id	discrete	character	na
V2	individual_id	ID of the individual	discrete	character	na
V3	mod7_ageyrs	age (in years) of the child at last birthday	discrete	numeric	na
V4	mod7_agemth	age (in months) of the child at last birthday	contin	numeric	na
V5	mod7_lineno	child's line number in the household	discrete	numeric	na
V6	mod7_gender	gender of the child	discrete	numeric	na
V7	mod5_q527	child's height	discrete	numeric	na
V8	mod5_q527a	how the length was taken	discrete	numeric	na
V9	mod5_q528	child's muac measurement	discrete	numeric	na
V10	mod5_q529	the weight of the child in grams	discrete	numeric	na

## household diaries\_midline

Content	The file contain data from; Module 11: WOMEN'S EMPOWERMENT Module 12: PREFERRED CLINICS AND MOBILE MONEY Module 13: MENTAL HEALTH Module 14: WOMEN'S HEALTH Module 15: SAVINGS GROUPS AND COOPERATIVES Module 16: FINANCIAL INSTRUMENTS (SAVINGS, LOANS/CREDIT, INSURANCE, M-PESA) Module 17: HEALTH KNOWLEDGE
Cases	670
Variable(s)	542
Structure	Type: relational Keys: household_id(Household Id), individual_id(ID of the individual)
Version	Version 1.0
Producer	African population and health research center (APHRC)
Missing Data	na

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V11	household_id	Household Id	discrete	character	1.2. Household Code is: [q1_2]
V12	individual_id	ID of the individual	discrete	character	na
V13	mod10_age	age (in years) of individual at last birthday	contin	numeric	Member's age : [mod10_age] years, [mod10_q2_3_mth] months
V15	mod10_gender	gender of individual	discrete	numeric	Gender: [gender]
V16	mod10_q1000a	q1000a individual accepted to proceed in diaries	discrete	numeric	Mark the checkbox 'OK' to proceed after ensuring this is the right individual, DO NOT mark the checkbox if this is not the right individual or if the individual cannot proceed with interview.
V17	mod10_q1000b	reason why individual not accepted to proceed in diaries	discrete	character	Indicate reason for not proceeding
V18	mod12_q1201	have a phone number	discrete	numeric	1. Do you have your own phone number/sim card ?
V19	mod12_q1201b	have an alternative phone number	discrete	numeric	2. What is your phone number ?
V20	mod12_q1202	on average, how much the individual spend on airtime in a week	discrete	numeric	2. On average, how much do you spend on airtime in a week ? KES
V21	mod12_q1203_01	regular phone	discrete	numeric	3. Do you have your own mobile phone ?
V22	mod12_q1203_02	smart phone	discrete	numeric	3. Do you have your own mobile phone ?
V23	mod12_q1203_03	no phone	discrete	numeric	3. Do you have your own mobile phone ?
V24	mod12_q1204	individual makes use of mpesa	discrete	numeric	4. Do you make use of M-Pesa on your personal simcard?
V25	mod12_q1205	individual knows mtiba	discrete	numeric	5. Do you know M-TIBA ?
V26	mod12_q1206	individual uses mtiba	discrete	numeric	6. Do you use M-TIBA?
V27	mod12_q1207	date when individual started using mtiba	discrete	character	7. Since when did you start using M-TIBA?

V28	mod12_q1208	amount saved in mtiba	discrete	numeric	8. How much have you saved on M-TIBA? KES
V29	mod12_q1208a	grant permission to link survey data to mtiba	discrete	numeric	8. (i) Do you give permission for us to link our survey data to your MTIBA data from the MTIBA platform?
V30	mod12_q12chv1	have you been visited by a CHV in the last 1 month to be given health or COVID i	discrete	numeric	6 (i). Have you been visited by a CHV in the last 1 month to be given health information or Information on COVID ?
V31	mod12_q12chv2	how many times were you visited by the CHV?	discrete	numeric	6 (iix). How many times were you visited by the CHV ?
V32	mod12_q12chv3_01	health information on COVID	discrete	numeric	6 (ii). Which services did you get from the CHV ?
V33	mod12_q12chv3_02	health education on nutrition, healthcare, sanitation and hygiene (deworming and	discrete	numeric	6 (ii). Which services did you get from the CHV ?
V34	mod12_q12chv3_03	mtiba enrollment	discrete	numeric	6 (ii). Which services did you get from the CHV ?
V35	mod12_q12chv3_04	birth certificate collection	discrete	numeric	6 (ii). Which services did you get from the CHV ?
V36	mod12_q12chv3_05	anthropometric measurements	discrete	numeric	6 (ii). Which services did you get from the CHV ?
V37	mod12_q12chv3_96	other services	discrete	numeric	6 (ii). Which services did you get from the CHV ?
V38	mod12_q12chv3_96spy	other services_specified	discrete	character	6 (ii). Which services did you get from the CHV ?
V39	mod12_q12nhif1	do you use NHIF	discrete	numeric	6 (iii). Do you use NHIF ?
V40	mod12_q12nhif2_01	mwhila mission hospital	discrete	numeric	6 (iv) Which health facilities are you able to access with your NHIF card ?
V41	mod12_q12nhif2_02	sonak community health	discrete	numeric	6 (iv) Which health facilities are you able to access with your NHIF card ?
V42	mod12_q12nhif2_03	namasoli HC	discrete	numeric	6 (iv) Which health facilities are you able to access with your NHIF card ?
V43	mod12_q12nhif2_04	kwisero sub-county hospital	discrete	numeric	6 (iv) Which health facilities are you able to access with your NHIF card ?
V44	mod12_q12nhif2_05	st.elizabeth hospital kisumu	discrete	numeric	6 (iv) Which health facilities are you able to access with your NHIF card ?
V45	mod12_q12nhif2_06	nightingale medical centre	discrete	numeric	6 (iv) Which health facilities are you able to access with your NHIF card ?
V46	mod12_q12nhif2_07	kombewa district hospital	discrete	numeric	6 (iv) Which health facilities are you able to access with your NHIF card ?
V47	mod12_q12nhif2_08	chiga dispensary	discrete	numeric	6 (iv) Which health facilities are you able to access with your NHIF card ?

V48	mod12_q12nhif2_09	chalbit clinic	discrete	numeric	6 (iv) Which health facilities are you able to access with your NHIF card ?
V49	mod12_q12nhif2_196	other facilities	discrete	numeric	6 (iv) Which health facilities are you able to access with your NHIF card ?
V50	mod12_q12nhif2_296	other facilities	discrete	numeric	6 (iv) Which health facilities are you able to access with your NHIF card ?
V51	mod12_q12nhif2_96spy	other facilities_specified	discrete	character	6 (iv) Which health facilities are you able to access with your NHIF card ?
V52	mod12_q1209	whether the individual would be able to borrow 6,000 kes, if he/she have an emer	discrete	numeric	9. Would you be able to borrow 6,000 KES in an emergency , if God forbid you have an emergency?
V53	mod12_q1210	number of people individual would be able to borrow 6,000 kes	discrete	numeric	10. How many people would you need to ask to gather 6,000 KES?
V54	mod12_q1211	choose one clinic for your primary care	discrete	numeric	11. If you had to choose one clinic for your primary care, what is your preferred clinic ?
V55	mod12_q1211_spy	choose one clinic for your primary care	discrete	character	11. If you had to choose one clinic for your primary care, what is your preferred clinic ?
V56	mod12_q1212_01	cheap/free	discrete	numeric	Why is [ [pref_11_name]] your preferred clinic?
V57	mod12_q1212_02	distance	discrete	numeric	Why is [ [pref_11_name]] your preferred clinic?
V58	mod12_q1212_03	good service	discrete	numeric	Why is [ [pref_11_name]] your preferred clinic?
V59	mod12_q1212_04	easy to get medicine	discrete	numeric	Why is [ [pref_11_name]] your preferred clinic?
V60	mod12_q1212_05	linked to insurance	discrete	numeric	Why is [ [pref_11_name]] your preferred clinic?
V61	mod12_q1212_06	my friends/ relatives recommended	discrete	numeric	Why is [ [pref_11_name]] your preferred clinic?
V62	mod12_q1212_07	cleanliness	discrete	numeric	Why is [ [pref_11_name]] your preferred clinic?
V63	mod12_q1212_08	good staff attitude	discrete	numeric	Why is [ [pref_11_name]] your preferred clinic?
V64	mod12_q1212_09	short waiting time	discrete	numeric	Why is [ [pref_11_name]] your preferred clinic?
V65	mod12_q1212_96	other services	discrete	numeric	Why is [ [pref_11_name]] your preferred clinic?
V66	mod12_q1212_96spy	other reason_specified	discrete	character	Why is [ [pref_11_name]] your preferred clinic?
V67	mod12_q1212_98	don't know	discrete	numeric	Why is [ [pref_11_name]] your preferred clinic?
V68	mod12_q1213	visited the clinic in the last 12 months	discrete	numeric	13. Have you or another household member visited [[mod12_q1211_name]] in the last 12 months?

V69	mod12_q1214	duration to the clinic in minutes	discrete	numeric	14. How long does it usually take you to reach the [ [pref_11_name]]? Minutes
V70	mod12_q1215	waiting times to see a doctor/clinical officer	discrete	numeric	How would you rate the following aspects of [ [pref_11_name]] ? 15. Waiting times to see a doctor/clinical officer?
V71	mod12_q1216	attitude of the staff towards you	discrete	numeric	How would you rate the following aspects of [ [pref_11_name]] ? 16. Attitude of the staff towards you?
V72	mod12_q1217	quality of the information/treatment/service	discrete	numeric	How would you rate the following aspects of [ [pref_11_name]] ? 17. Quality of the information/treatment/service?
V73	mod12_q1218	cleanliness	discrete	numeric	How would you rate the following aspects of [ [pref_11_name]] ? 18. Cleanliness?
V74	mod12_q1219	availability of medicines	discrete	numeric	How would you rate the following aspects of [ [pref_11_name]] ? 19. Availability of medicines?
V75	mod12_q1220	cost for services and treatments	discrete	numeric	How would you rate the following aspects of [ [pref_11_name]] ? 20. Cost of services and treatment?
V76	mod12_q1221	convenience of the opening hours	discrete	numeric	How would you rate the following aspects of [ [pref_11_name]] ? 21. Convenience of the opening hours?
V77	mod12_q1222	how would you rate your overall experience	discrete	numeric	How would you rate the following aspects of [ [pref_11_name]] ? 22. How would you rate your overall experience of [ [pref_11_name]]?
V78	mod12_q12uhc1	do you have UHC card?	discrete	numeric	Do you have UHC card ?You are registered and can access the service
V79	mod12_q12uhc2	date when individual started using uhc card	discrete	character	1.25 Since when did you start using the UHC card ? IF MONTH NOT KNOWN, ONLY ENTER YEAR
V80	mod12_q12uhc3	what were you using before the UHC Card	discrete	numeric	1.26 What were you using before the UHC Card ?
V81	mod12_q12uhc3_spy	what were you using before the UHC Card	discrete	numeric	1.26 What were you using before the UHC Card ?
V82	mod18_q1801	in the last 12 months Have you been in a situation where you had a health emerge	discrete	numeric	1.27 In the last 12 months have you been in a situation where you had a health emergency for yourself or another household member ?
V83	mod18_q1802_01	health insurance	discrete	numeric	1.28 How did you finance for the health emergency ?
V84	mod18_q1802_02	savings	discrete	numeric	1.28 How did you finance for the health emergency ?
V85	mod18_q1802_03	loan	discrete	numeric	1.28 How did you finance for the health emergency ?
V86	mod18_q1802_04	harambee	discrete	numeric	1.28 How did you finance for the health emergency ?
V87	mod18_q1802_96	other finance for health	discrete	numeric	1.28 How did you finance for the health emergency ?

V88	mod18_q1802_96spy	other finance for health_specified	discrete	character	1.28 How did you finance for the health emergency ?
V89	mod18_q1803_01	NHIF	discrete	numeric	1.29 If Health insurance, which insurance did you use?
V90	mod18_q1803_02	AON Minet	discrete	numeric	1.29 If Health insurance, which insurance did you use?
V91	mod18_q1803_03	Resolution	discrete	numeric	1.29 If Health insurance, which insurance did you use?
V92	mod18_q1803_04	Madison	discrete	numeric	1.29 If Health insurance, which insurance did you use?
V93	mod18_q1803_05	Amaco	discrete	numeric	1.29 If Health insurance, which insurance did you use?
V94	mod18_q1803_06	Jubilee	discrete	numeric	1.29 If Health insurance, which insurance did you use?
V95	mod18_q1803_07	Old Mutual	discrete	numeric	1.29 If Health insurance, which insurance did you use?
V96	mod18_q1803_08	Britam	discrete	numeric	1.29 If Health insurance, which insurance did you use?
V97	mod18_q1803_09	UAP	discrete	numeric	1.29 If Health insurance, which insurance did you use?
V98	mod18_q1803_10	linda mama	discrete	numeric	1.29 If Health insurance, which insurance did you use?
V99	mod18_q1803_12	UHC	discrete	numeric	1.29 If Health insurance, which insurance did you use?
V100	mod18_q1803_13	Oparanya Care	discrete	numeric	1.29 If Health insurance, which insurance did you use?
V101	mod18_q1803_14	momcare	discrete	numeric	1.29 If Health insurance, which insurance did you use?
V102	mod18_q1803_96	other insurance	discrete	numeric	1.29 If Health insurance, which insurance did you use?
V103	mod18_q1803_96spy	other insurance_specified	discrete	character	1.29 If Health insurance, which insurance did you use?
V104	mod18_q1804	In the last 12 months did you have to forego seeking healthcare because of finan	discrete	numeric	1.30 In the last 12 months did you have to forego seeking healthcare because of finance shortage (hardships) ?
V105	mod18_q1805	In the last 12 months did you forego seeking healthcare because you were afraid	discrete	numeric	1.31 In the last 12 months did you forego seeking healthcare because you were afraid to becoming infected by COVID-19 at the clinic ?
V106	mod18_q1806	in the last 12 months did you have to forego seeking healthcare because of COVID	discrete	numeric	1.32 In the last 12 months did you have to forego seeking healthcare because of COVID-19 restrictions (e.g. curfew, masks, cessation of movement ) ?
V107	mod18_q1807	did you have to forego some household needs to spend on healthcare	discrete	numeric	1.33 Did you have to forego some household needs to spend on healthcare ?
V108	mod18_q1808	In the last 12 months did you have to spend out of pocket to seek healthcare whe	discrete	numeric	1.34 In the last 12 months did you have to spend out of pocket to seek healthcare when having health insurance card ?

V109	mod18_q1809_01	Purchase drugs/medicine	discrete	numeric	1.35 What was the reason for the out of pocket spending
V110	mod18_q1809_02	Laboratory tests	discrete	numeric	1.35 What was the reason for the out of pocket spending
V111	mod18_q1809_03	Consultation	discrete	numeric	1.35 What was the reason for the out of pocket spending
V112	mod18_q1809_04	Registration	discrete	numeric	1.35 What was the reason for the out of pocket spending
V113	mod18_q1809_05	Dependants not covered by health insurance	discrete	numeric	1.35 What was the reason for the out of pocket spending
V114	mod18_q1809_96	other reason	discrete	numeric	1.35 What was the reason for the out of pocket spending
V115	mod18_q1809_96spy	other reason_specified	discrete	character	1.35 What was the reason for the out of pocket spending
V116	mod12_q12uhc4	since introduction_Availability of required health services	discrete	numeric	1 Availability of required health services
V117	mod12_q12uhc5	since introduction_Availability of healthcare staff to provide the required serv	discrete	numeric	2 Availability of healthcare staff to provide the required services
V118	mod12_q12uhc6	since introduction_Healthcare Staff attitude	discrete	numeric	3 Healthcare Staff attitude
V119	mod12_q12uhc7	since introduction_Availability of Medicine	discrete	numeric	4 Availability of Medicine
V120	mod12_q12uhc8	since introduction_Waiting times to see a doctor/nurse	discrete	numeric	5 Waiting times to see a doctor/nurse
V121	mod12_q12uhc9	since introduction_Availability of health promotion messages	discrete	numeric	6 Availability of health promotion messages
V122	mod12_q12uhc10	since introduction_Cost of services	discrete	numeric	7 Cost of services
V123	mod12_q12uhc11	before_Availability of required health services	discrete	numeric	1 Availability of required health services
V124	mod12_q12uhc12	before_Availability of healthcare staff to provide the required services	discrete	numeric	2 Availability of healthcare staff to provide the required services
V125	mod12_q12uhc13	before_Healthcare Staff attitude	discrete	numeric	3 Healthcare Staff attitude
V126	mod12_q12uhc14	before_Availability of Medicine	discrete	numeric	4 Availability of Medicine
V127	mod12_q12uhc15	before_Waiting times to see a doctor/nurse	discrete	numeric	5 Waiting times to see a doctor/nurse
V128	mod12_q12uhc16	before_Availability of health promotion messages	discrete	numeric	6 Availability of health promotion messages
V129	mod12_q12uhc17	before_Cost of services	discrete	numeric	7 Cost of services
V130	mod12_q12uhc18	How would you rate your level of satisfaction of the coverage of health services before UHC	discrete	numeric	1.38 How would you rate your level of satisfaction of the coverage of health services before UHC
V131	mod12_q12uhc19	How would you rate your level of satisfaction of the coverage of health services after UHC	discrete	numeric	1.39 How would you rate your level of satisfaction of the coverage of health services after UHC

V132	mod12_q12uhc20	How would you rate the level of financial protection you feel after introduction of UHC	discrete	numeric	1.40 How would you rate the level of financial protection (being able to seek healthcare without struggling financially) you feel after introduction of UHC
V133	mod14_q1400	mod14 privacy	discrete	numeric	[ENUMERATOR: Check for presence of others before continuing. Make every effort to ensure privacy. Move to secluded or private place if necessary, Questions must be asked directly to respondent. TERMINATE INTERVIEW IF PRIVACY IS NOT ASSURED.] Mark the checkbox 'OK' to proceed after ensuring there is privacy.
V134	mod14_q1400a	reason why individual not accepted to proceed in module 14	discrete	numeric	Indicate reason for not proceeding
V135	mod14_q1401	have you ever had sex	discrete	numeric	1. Have you ever had sex ?
V136	mod14_q1402	woman's age when she first had sex	discrete	numeric	2. How old were you when you had sexual intercourse for the first time? Age in Years
V137	mod14_q1403	have you ever used any form of birth control	discrete	numeric	3. Have you ever used any form of birth control ?
V138	mod14_q1404a	the woman have ever used male condom	discrete	numeric	4. Indicate all methods of birth control that you have ever used when having sex Male Condom
V139	mod14_q1404b	the woman have ever used female condom	discrete	numeric	4. Indicate all methods of birth control that you have ever used when having sex Female Condom
V140	mod14_q1404c	the woman have ever used pills	discrete	numeric	4. Indicate all methods of birth control that you have ever used when having sex pills
V141	mod14_q1404d	the woman have ever used injection	discrete	numeric	4. Indicate all methods of birth control that you have ever used when having sex injection
V142	mod14_q1404e	traditional method	discrete	numeric	4. Indicate all methods of birth control that you have ever used when having sex Traditional Methods (Calendar / beads, withdrawal)
V143	mod14_q1404e_spy	other traditional methods	discrete	numeric	4. Indicate all methods of birth control that you have ever used when having sex other traditional methods
V144	mod14_q1404f	implants method	discrete	numeric	4. Indicate all methods of birth control that you have ever used when having sex implants method
V145	mod14_q1404f_spy	the woman have ever used other method	discrete	character	4. Indicate all methods of birth control that you have ever used when having sex Other specify (3)
V146	mod14_q1404g	the woman have ever used other method	discrete	numeric	4. Indicate all methods of birth control that you have ever used when having sex Other specify (3)
V147	mod14_q1404g_spy	the woman have ever used other method	discrete	character	4. Indicate all methods of birth control that you have ever used when having sex Other specify (3)

V148	mod14_q1405	do you currently use any methods of birth control	discrete	numeric	6. Indicate all methods of birth control that you currently use when having sex
V149	mod14_q1406a	the woman is currently using male condom	discrete	numeric	6. Indicate all methods of birth control that you currently use when having sex male condom
V150	mod14_q1406b	the woman is currently using female condom	discrete	numeric	6. Indicate all methods of birth control that you currently use when having sex female condom
V151	mod14_q1406c	the woman is currently using pills	discrete	numeric	6. Indicate all methods of birth control that you currently use when having sex pills
V152	mod14_q1406d	the woman is currently using injection	discrete	numeric	6. Indicate all methods of birth control that you currently use when having sex injection
V153	mod14_q1406e	traditional method	discrete	numeric	6. Indicate all methods of birth control that you currently use when having sex traditional method
V154	mod14_q1406e_spy	the woman is currently using other method	discrete	numeric	6. Indicate all methods of birth control that you currently use when having sex other method
V155	mod14_q1406f	implant method	discrete	numeric	6. Indicate all methods of birth control that you currently use when having sex implant method
V156	mod14_q1406f_spy	the woman is currently using other method	discrete	character	6. Indicate all methods of birth control that you currently use when having sex other method
V157	mod14_q1406g	the woman is currently using other method	discrete	numeric	6. Indicate all methods of birth control that you currently use when having sex other method
V158	mod14_q1406g_spy	the woman is currently using other method	discrete	character	6. Indicate all methods of birth control that you currently use when having sex other method
V159	q1406cov_i	Since COVID-19, participants had a problem in obtaining a method of birth contro	discrete	numeric	6 (i) Since December 2020, did you ever have problems in obtaining a method of birth control? Yes/no
V160	q1406cov_01	female sterilization	discrete	numeric	6 (new) Which methods of birth control were difficult for you to obtain?
V161	q1406cov_02	male sterilization	discrete	numeric	6 (new) Which methods of birth control were difficult for you to obtain?
V162	q1406cov_03	iud	discrete	numeric	6 (new) Which methods of birth control were difficult for you to obtain?
V163	q1406cov_04	injectable	discrete	numeric	6 (new) Which methods of birth control were difficult for you to obtain?
V164	q1406cov_05	implants	discrete	numeric	6 (new) Which methods of birth control were difficult for you to obtain?
V165	q1406cov_06	pill	discrete	numeric	6 (new) Which methods of birth control were difficult for you to obtain?

V166	q1406cov_07	male condom	discrete	numeric	6 (new) Which methods of birth control were difficult for you to obtain?
V167	q1406cov_08	female condom	discrete	numeric	6 (new) Which methods of birth control were difficult for you to obtain?
V168	q1406cov_09	diaphragm	discrete	numeric	6 (new) Which methods of birth control were difficult for you to obtain?
V169	q1406cov_10	foam/jelly	discrete	numeric	6 (new) Which methods of birth control were difficult for you to obtain?
V170	q1406cov_11	lactational amenorrhoea method (Lam)	discrete	numeric	6 (new) Which methods of birth control were difficult for you to obtain?
V171	q1406cov_12	periodic abstinence / rhythm	discrete	numeric	6 (new) Which methods of birth control were difficult for you to obtain?
V172	q1406cov_13	withdrawal	discrete	numeric	6 (new) Which methods of birth control were difficult for you to obtain?
V173	q1406cov_96	other	discrete	numeric	6 (new) Which methods of birth control were difficult for you to obtain?
V174	q1406cov_96spy	other:specified	discrete	character	6 (new) Which methods of birth control were difficult for you to obtain?
V175	q1406cov_98	don't know	discrete	numeric	6 (new) Which methods of birth control were difficult for you to obtain?
V176	q1406cov_ii	did you switch to another method	discrete	numeric	6 (new) (ii) Did you switch to another method?
V177	q1406cov_iii	to which method did you switch	discrete	numeric	6 (new) (iii) To which method did you switch ?
V178	mod14_q1407	last time the woman had sex	discrete	character	7. When was the last time you had sexual intercourse ?
V179	mod14_q1408	the last time you had sexual intercourse, did you use a condom	discrete	numeric	8. The last time you had sexual intercourse, did you use a condom ?
V180	mod14_q1409	the last time you had sexual intercourse, use any other form of birth control	discrete	numeric	9. The last time you had sexual intercourse, did you use any other form of birth control ?
V181	mod14_q1410a	the woman used male condom last time	discrete	numeric	10. Indicate all methods of birth control that you used the last time? Male Condom
V182	mod14_q1410b	the woman used female condom last time	discrete	numeric	10. Indicate all methods of birth control that you used the last time? Female Condom
V183	mod14_q1410c	the woman used pills last time	discrete	numeric	10. Indicate all methods of birth control that you used the last time? Pills
V184	mod14_q1410d	the woman used injection last time	discrete	numeric	10. Indicate all methods of birth control that you used the last time? Injection

V185	mod14_q1410e	the woman used traditional method last time	discrete	numeric	10. Indicate all methods of birth control that you used the last time? Traditional Methods (Calendar / beads, withdrawal)
V186	mod14_q1410e_spy	the woman used other method last time	discrete	numeric	10. Indicate all methods of birth control that you used the last time? other method
V187	mod14_q1410f	the woman used implant method last time	discrete	numeric	10. Indicate all methods of birth control that you used the last time? Implants
V188	mod14_q1410f_spy	the woman used other method last time	discrete	character	10. Indicate all methods of birth control that you used the last time? other method
V189	mod14_q1410g	the woman used other method last time	discrete	numeric	10. Indicate all methods of birth control that you used the last time? other method
V190	mod14_q1410g_spy	the woman used other method last time	discrete	character	10. Indicate all methods of birth control that you used the last time? other method
V191	mod14_q1411	the number of children to have in your whole life, how many would that be?	discrete	numeric	IF NO LIVING CHILDREN : If you could choose exactly the number of children to have in your whole life, how many would that be? IF ANY LIVING CHILDREN : If you could go back to the time you did not have any children and could choose exactly the number of children to have in your whole life, how many would that be?
V192	mod14_q1412	how long would you wait before you have a child?	discrete	numeric	12. How long would you like to wait from now before the birth of a child?
V193	mod14_q1413	have a stable partner	discrete	numeric	13. Do you currently have a stable partner ?
V194	mod14_q1414	how many children do you think your partner would like to have in total	discrete	numeric	14. How many children do you think your partner would like to have in total?
V195	mod14_q1415	in the past have you been pregnant?	discrete	numeric	15. In the past two years, have you been pregnant ?
V196	mod14_q1416	how old were you when you were pregnant the first time	discrete	numeric	16. How old were you when you were pregnant the first time? Age in Years
V197	mod14_q1417	how many times have you been pregnant	discrete	numeric	17. In the past two years , how many times have you been pregnant?
V198	mod14_q1418	how many live children did you give birth	discrete	numeric	18. In the past two years, how many live children did you give birth to?
V199	mod14_q1419	how many alive children do you have	discrete	numeric	19. How many living children do you have?
V200	mod14_q1420	are you currently pregnant	discrete	numeric	20. Are you currently pregnant ?
V201	mod14_q1421_months	how long would you like to wait before having another child in months	discrete	numeric	21. How long would you like to wait before having another child?Months
V202	mod14_q1421_years	how long would you like to wait before having another child in years	discrete	numeric	21. How long would you like to wait before having another child?Years

V203	mod14_q1422	how many months are you currently pregnant	discrete	numeric	22. How many months pregnant are you? 98 = Don't know
V204	mod14_q1423	was this pregnancy planned	discrete	numeric	23. Was this pregnancy planned ?
V205	mod14_q1424	how long would you have wanted to wait before becoming pregnant	discrete	numeric	24. How long would you have wanted to wait before becoming pregnant?
V206	mod14_q1425	did you have an antenatal care(anc)visit	discrete	numeric	25. Did you have an antenatal care (ANC) visit?
V207	mod14_q1426_01	did not think anc was important	discrete	numeric	26. Why did you not receive ANC?
V208	mod14_q1426_02	did not have time	discrete	numeric	26. Why did you not receive ANC?
V209	mod14_q1426_03	health facility too far	discrete	numeric	26. Why did you not receive ANC?
V210	mod14_q1426_04	money consuming	discrete	numeric	26. Why did you not receive ANC?
V211	mod14_q1426_05	family member decision	discrete	numeric	26. Why did you not receive ANC?
V212	mod14_q1426_06	too soon	discrete	numeric	26. Why did you not receive ANC?
V213	mod14_q1426_07	cultural/religious reasons	discrete	numeric	26. Why did you not receive ANC?
V214	mod14_q1426_96	other	discrete	numeric	26. Why did you not receive ANC?
V215	mod14_q1426_96spy	other_specified	discrete	character	26. Why did you not receive ANC?
V216	mod14_q1427	how many anc visits did you have?	discrete	numeric	27. How many ANC visits did you have?
V217	mod14_q1428_01	doctor	discrete	numeric	28. Who did you see for Ante Natal Care?
V218	mod14_q1428_02	nurse	discrete	numeric	28. Who did you see for Ante Natal Care?
V219	mod14_q1428_03	midwife	discrete	numeric	28. Who did you see for Ante Natal Care?
V220	mod14_q1428_04	traditional birth attendant	discrete	numeric	28. Who did you see for Ante Natal Care?
V221	mod14_q1428_05	community health worker	discrete	numeric	28. Who did you see for Ante Natal Care?
V222	mod14_q1428_96	other	discrete	numeric	28. Who did you see for Ante Natal Care?
V223	mod14_q1428_96spy	specified	discrete	character	28. Who did you see for Ante Natal Care?
V224	mod14_q1429	where did you go for ante-natal care	discrete	numeric	29. Where did you go for Ante-natal care?
V225	mod14_q1429_96spy	where did you go for ante-natal care	discrete	character	29. Where did you go for Ante-natal care?
V226	mod14_q1430_01	cheap	discrete	numeric	30. What were the reason you chose [ 999] for ANC?
V227	mod14_q1430_02	nearby	discrete	numeric	30. What were the reason you chose [ 999] for ANC?
V228	mod14_q1430_03	acquaintance	discrete	numeric	30. What were the reason you chose [ 999] for ANC?
V229	mod14_q1430_04	health staffs advice	discrete	numeric	30. What were the reason you chose [ 999] for ANC?
V230	mod14_q1430_05	family/friends advice	discrete	numeric	30. What were the reason you chose [ 999] for ANC?
V231	mod14_q1430_06	enough equipment	discrete	numeric	30. What were the reason you chose [ 999] for ANC?

V232	mod14_q1430_07	not other choice	discrete	numeric	30. What were the reason you chose [ 999] for ANC?
V233	mod14_q1430_08	linked to my health insurance	discrete	numeric	30. What were the reason you chose [ 999] for ANC?
V234	mod14_q1430_96	other	discrete	numeric	30. What were the reason you chose [ 999] for ANC?
V235	mod14_q1430_96spy	other_specified	discrete	character	30. What were the reason you chose [ 999] for ANC?
V236	mod14_q1431	how far is the facility from your house?	discrete	numeric	31. How far is [ facility] from your house?
V237	mod14_q1431a	how far is the facility from your house?	discrete	numeric	31. How far is [ facility] from your house?
V238	mod14_q1432	how long does it take you to reach the health facility?	discrete	numeric	32. How long does it take you to reach the health facility? Minutes
V239	mod14_q1433	how many months pregnant were you when you first received anc for this pregnancy	discrete	numeric	33. How many months pregnant were you when you first received ANC for this pregnancy?
V240	mod14_q1434_01	clean the wound	discrete	numeric	34. What services have you received so far?
V241	mod14_q1434_02	got injection	discrete	numeric	34. What services have you received so far?
V242	mod14_q1434_03	examine uterus contraction	discrete	numeric	34. What services have you received so far?
V243	mod14_q1434_04	examine/take care of breast	discrete	numeric	34. What services have you received so far?
V244	mod14_q1434_05	teach how to breastfeed	discrete	numeric	34. What services have you received so far?
V245	mod14_q1434_06	advise how to take care of baby	discrete	numeric	34. What services have you received so far?
V246	mod14_q1434_07	advise how to take care of mother herself	discrete	numeric	34. What services have you received so far?
V247	mod14_q1434_08	examine baby condition	discrete	numeric	34. What services have you received so far?
V248	mod14_q1434_09	bathe the baby	discrete	numeric	34. What services have you received so far?
V249	mod14_q1434_10	prevention/management of neonatal illnesses	discrete	numeric	34. What services have you received so far?
V250	mod14_q1434_11	vitamin a supplementation	discrete	numeric	34. What services have you received so far?
V251	mod14_q1434_12	intermittent preventive treatment/itn for malaria prevention	discrete	numeric	34. What services have you received so far?
V252	mod14_q1434_13	prescribe medicines to prevent haemorrhage	discrete	numeric	34. What services have you received so far?
V253	mod14_q1434_14	hiv screening/pmtct rx	discrete	numeric	34. What services have you received so far?
V254	mod14_q1434_15	mental status assessment	discrete	numeric	34. What services have you received so far?
V255	mod14_q1434_16	provide health education on hygiene, warmth, breastfeeding, kangaroo mother care	discrete	numeric	34. What services have you received so far?

V256	mod14_q1434_17	provide health education for prevention of tuberculosis	discrete	numeric	34. What services have you received so far?
V257	mod14_q1434_18	blood pressure measure	discrete	numeric	34. What services have you received so far?
V258	mod14_q1434_19	weight measure	discrete	numeric	34. What services have you received so far?
V259	mod14_q1434_20	blood test	discrete	numeric	34. What services have you received so far?
V260	mod14_q1434_21	urine test	discrete	numeric	34. What services have you received so far?
V261	mod14_q1434_22	stethoscope exam	discrete	numeric	34. What services have you received so far?
V262	mod14_q1434_23	ultrasound exam	discrete	numeric	34. What services have you received so far?
V263	mod14_q1434_24	doppler exam	discrete	numeric	34. What services have you received so far?
V264	mod14_q1434_25	screening for hypertension	discrete	numeric	34. What services have you received so far?
V265	mod14_q1434_26	screening for anemia	discrete	numeric	34. What services have you received so far?
V266	mod14_q1434_27	blood pressure measure	discrete	numeric	34. What services have you received so far?
V267	mod14_q1434_28	prescribe de-worming prescribe iron	discrete	numeric	34. What services have you received so far?
V268	mod14_q1434_29	prescribe calcium to prevent hypertension	discrete	numeric	34. What services have you received so far?
V269	mod14_q1434_30	iron and folic acid	discrete	numeric	34. What services have you received so far?
V270	mod14_q1434_31	counselling on fp	discrete	numeric	34. What services have you received so far?
V271	mod14_q1434_32	prevention and treatment (if any) of hiv (pmtct)	discrete	numeric	34. What services have you received so far?
V272	mod14_q1434_33	prevention of malaria with insecticide treated bed nets	discrete	numeric	34. What services have you received so far?
V273	mod14_q1434_34	health education for birth preparedness and pregnancy complication readiness	discrete	numeric	34. What services have you received so far?
V274	mod14_q1434_96	other	discrete	numeric	34. What services have you received so far?
V275	mod14_q1434_96spy	specified	discrete	character	34. What services have you received so far?
V276	mod14_q1435_01	no,i did not pay for anc	discrete	numeric	35. Did you pay for ANC?
V277	mod14_q1435_02	yes,for consultation	discrete	numeric	35. Did you pay for ANC?
V278	mod14_q1435_03	yes, for medicines	discrete	numeric	35. Did you pay for ANC?
V279	mod14_q1435_04	yes, for lab tests	discrete	numeric	35. Did you pay for ANC?
V280	mod14_q1435_05	yes, for other services	discrete	numeric	35. Did you pay for ANC?
V281	mod14_q1436	how would you rate your overall experience with the anc services received	discrete	numeric	36. How would you rate your overall experience with the ANC services received?

V282	mod14_q1437	receive any injection in the arm or shoulder to prevent the baby from getting te	discrete	numeric	37. During this pregnancy, did you receive any injection in the arm or shoulder to prevent the baby from getting tetanus, that is convulsions after birth?
V283	mod14_q1438	did you receive any tetanus injection at any time before this pregnancy, either	discrete	numeric	38. Did you receive any tetanus injection at any time before this pregnancy, either to protect yourself or another baby?
V284	mod14_q1439	during this pregnancy, were you given or did you take iron supplements	discrete	numeric	39. During this pregnancy, were you given or did you take iron supplements?
V285	mod14_q1440	during this pregnancy, did you take folic acid?	discrete	numeric	40. During this pregnancy, did you take folic acid?
V286	mod14_q1441	during this pregnancy, did you take/use malaria prevention (inc. bed nets)	discrete	numeric	41. During this pregnancy, did you take/use malaria prevention (inc. bed nets)?
V287	mod14_q1442_01	high blood pressure	discrete	numeric	42. During this pregnancy, did you experience any pregnancy-related problems? Select all that apply
V288	mod14_q1442_02	gestational diabetes	discrete	numeric	42. During this pregnancy, did you experience any pregnancy-related problems? Select all that apply
V289	mod14_q1442_03	infections	discrete	numeric	42. During this pregnancy, did you experience any pregnancy-related problems? Select all that apply
V290	mod14_q1442_04	preterm labour	discrete	numeric	42. During this pregnancy, did you experience any pregnancy-related problems? Select all that apply
V291	mod14_q1442_05	anaemia	discrete	numeric	42. During this pregnancy, did you experience any pregnancy-related problems? Select all that apply
V292	mod14_q1442_06	pregnancy loss	discrete	numeric	42. During this pregnancy, did you experience any pregnancy-related problems? Select all that apply
V293	mod14_q1442_07	none	discrete	numeric	42. During this pregnancy, did you experience any pregnancy-related problems? Select all that apply
V294	mod14_q1442_96	other	discrete	numeric	42. During this pregnancy, did you experience any pregnancy-related problems? Select all that apply
V295	mod14_q1442_96spy	other specified	discrete	character	42. During this pregnancy, did you experience any pregnancy-related problems? Select all that apply
V296	mod14_q1443	were you pregnant at any other time in the past six months	discrete	numeric	43. Were you pregnant at any other time in the past 6 months?
V297	mod14_q1444	last time the woman was pregnant	discrete	character	44. When was the last/previous time you were pregnant?
V298	mod14_q1445	was this pregnancy planned	discrete	numeric	45. Was this pregnancy planned?
V299	mod14_q1446	how long would you have wanted to wait before becoming pregnant	discrete	numeric	46. How long would you have wanted to wait before becoming pregnant? Months
V300	mod14_q1447	did you have an antenatal care(anc)visit	discrete	numeric	47. Did you have an antenatal care (ANC) visit?
V301	mod14_q1448_01	did not think anc was important	discrete	numeric	48. Why did you not receive ANC?

V302	mod14_q1448_02	did not have time	discrete	numeric	48. Why did you not receive ANC?
V303	mod14_q1448_03	health facility too far	discrete	numeric	48. Why did you not receive ANC?
V304	mod14_q1448_04	money consuming	discrete	numeric	48. Why did you not receive ANC?
V305	mod14_q1448_05	family members decision	discrete	numeric	48. Why did you not receive ANC?
V306	mod14_q1448_06	too soon	discrete	numeric	48. Why did you not receive ANC?
V307	mod14_q1448_07	cultural/religious reasons	discrete	numeric	48. Why did you not receive ANC?
V308	mod14_q1448_96	other	discrete	numeric	48. Why did you not receive ANC?
V309	mod14_q1448_96spy	specified	discrete	character	48. Why did you not receive ANC?
V310	mod14_q1449	how many anc visits did you have?	discrete	numeric	49. How many ANC visits did you have?
V311	mod14_q1450_01	doctor	discrete	numeric	50. Who did you see for Ante Natal Care?
V312	mod14_q1450_02	nurse	discrete	numeric	50. Who did you see for Ante Natal Care?
V313	mod14_q1450_03	midwife	discrete	numeric	50. Who did you see for Ante Natal Care?
V314	mod14_q1450_04	traditional birth attendant	discrete	numeric	50. Who did you see for Ante Natal Care?
V315	mod14_q1450_05	community health worker	discrete	numeric	50. Who did you see for Ante Natal Care?
V316	mod14_q1450_96	other	discrete	numeric	50. Who did you see for Ante Natal Care?
V317	mod14_q1450_96spy	specified	discrete	character	50. Who did you see for Ante Natal Care?
V318	mod14_q1451	where did you go for ante-natal care	discrete	numeric	51. Where did you go for Ante-natal care?
V319	mod14_q1451_96spy	where did you go for ante-natal care	discrete	character	51. Where did you go for Ante-natal care?
V320	mod14_q1452_01	cheap	discrete	numeric	52. What were the reason you chose this place for ANC?
V321	mod14_q1452_02	nearby	discrete	numeric	52. What were the reason you chose this place for ANC?
V322	mod14_q1452_03	acquaintance	discrete	numeric	52. What were the reason you chose this place for ANC?
V323	mod14_q1452_04	health staff advice	discrete	numeric	52. What were the reason you chose this place for ANC?
V324	mod14_q1452_05	family/friend advice	discrete	numeric	52. What were the reason you chose this place for ANC?
V325	mod14_q1452_06	enough equipment	discrete	numeric	52. What were the reason you chose this place for ANC?
V326	mod14_q1452_07	not other choice	discrete	numeric	52. What were the reason you chose this place for ANC?
V327	mod14_q1452_08	linked to my health insurance	discrete	numeric	52. What were the reason you chose this place for ANC?
V328	mod14_q1452_96	other	discrete	numeric	52. What were the reason you chose this place for ANC?
V329	mod14_q1452_96spy	specified	discrete	character	52. What were the reason you chose this place for ANC?

V330	mod14_q1453	how far is the facility from your house?	discrete	numeric	53. How far is/was this health facility from your house?
V331	mod14_q1453a	how far is the facility from your house?	discrete	numeric	53. How far is/was this health facility from your house?
V332	mod14_q1454	how long does it take you to reach the health facility	discrete	numeric	54. How long did it take you to reach the health facility? Minutes
V333	mod14_q1455	how many months pregnant were you when you first received anc for this pregnancy	discrete	numeric	55. How many months pregnant were you when you first received ANC for that pregnancy?
V334	mod14_q1456_01	clean the wound	discrete	numeric	56. What services did you receive during that pregnancy?
V335	mod14_q1456_02	got injection	discrete	numeric	56. What services did you receive during that pregnancy?
V336	mod14_q1456_03	examine uterus contraction	discrete	numeric	56. What services did you receive during that pregnancy?
V337	mod14_q1456_04	examine/take care of breast	discrete	numeric	56. What services did you receive during that pregnancy?
V338	mod14_q1456_05	teach how to breastfeed	discrete	numeric	56. What services did you receive during that pregnancy?
V339	mod14_q1456_06	advise how to take care of baby	discrete	numeric	56. What services did you receive during that pregnancy?
V340	mod14_q1456_07	advise how to take care of mother herself	discrete	numeric	56. What services did you receive during that pregnancy?
V341	mod14_q1456_08	examine baby condition	discrete	numeric	56. What services did you receive during that pregnancy?
V342	mod14_q1456_09	bathe the baby	discrete	numeric	56. What services did you receive during that pregnancy?
V343	mod14_q1456_10	prevention/management of neonatal illnesses	discrete	numeric	56. What services did you receive during that pregnancy?
V344	mod14_q1456_11	vitamin a supplementation	discrete	numeric	56. What services did you receive during that pregnancy?
V345	mod14_q1456_12	intermittent preventive treatment/itn for malaria prevention	discrete	numeric	56. What services did you receive during that pregnancy?
V346	mod14_q1456_13	prescribe medicines to prevent haemorrhage	discrete	numeric	56. What services did you receive during that pregnancy?
V347	mod14_q1456_14	hiv screening/pmtct rx	discrete	numeric	56. What services did you receive during that pregnancy?
V348	mod14_q1456_15	mental status assessment	discrete	numeric	56. What services did you receive during that pregnancy?
V349	mod14_q1456_16	provide health education on hygiene, warmth, breastfeeding, kangaroo mother care	discrete	numeric	56. What services did you receive during that pregnancy?
V350	mod14_q1456_17	provide health education for prevention of tuberculosis	discrete	numeric	56. What services did you receive during that pregnancy?
V351	mod14_q1456_18	blood pressure measure	discrete	numeric	56. What services did you receive during that pregnancy?
V352	mod14_q1456_19	weight measure	discrete	numeric	56. What services did you receive during that pregnancy?
V353	mod14_q1456_20	blood test	discrete	numeric	56. What services did you receive during that pregnancy?

V354	mod14_q1456_21	urine test	discrete	numeric	56. What services did you receive during that pregnancy?
V355	mod14_q1456_22	stethoscope exam	discrete	numeric	56. What services did you receive during that pregnancy?
V356	mod14_q1456_23	ultrasound exam	discrete	numeric	56. What services did you receive during that pregnancy?
V357	mod14_q1456_24	doppler exam	discrete	numeric	56. What services did you receive during that pregnancy?
V358	mod14_q1456_25	screening for hypertension	discrete	numeric	56. What services did you receive during that pregnancy?
V359	mod14_q1456_26	screening for anemia	discrete	numeric	56. What services did you receive during that pregnancy?
V360	mod14_q1456_27	blood pressure measure	discrete	numeric	56. What services did you receive during that pregnancy?
V361	mod14_q1456_28	prescribe de-worming prescribe iron	discrete	numeric	56. What services did you receive during that pregnancy?
V362	mod14_q1456_29	prescribe calcium to prevent hypertension	discrete	numeric	56. What services did you receive during that pregnancy?
V363	mod14_q1456_30	iron and folic acid	discrete	numeric	56. What services did you receive during that pregnancy?
V364	mod14_q1456_31	counselling on fp	discrete	numeric	56. What services did you receive during that pregnancy?
V365	mod14_q1456_32	prevention and treatment (if any) of hiv (pmtct)	discrete	numeric	56. What services did you receive during that pregnancy?
V366	mod14_q1456_33	prevention of malaria with insecticide treated bed nets	discrete	numeric	56. What services did you receive during that pregnancy?
V367	mod14_q1456_34	health education for birth preparedness and pregnancy complication readiness	discrete	numeric	56. What services did you receive during that pregnancy?
V368	mod14_q1456_96	other	discrete	numeric	56. What services did you receive during that pregnancy?
V369	mod14_q1456_96spy	specified	discrete	character	56. What services did you receive during that pregnancy?
V370	mod14_q1457_01	no,i did not pay for anc	discrete	numeric	57. During that pregnancy, did you pay for ANC?
V371	mod14_q1457_02	yes,for consultation	discrete	numeric	57. During that pregnancy, did you pay for ANC?
V372	mod14_q1457_03	yes, for medicines	discrete	numeric	57. During that pregnancy, did you pay for ANC?
V373	mod14_q1457_04	yes, for lab tests	discrete	numeric	57. During that pregnancy, did you pay for ANC?
V374	mod14_q1457_05	yes, for other services	discrete	numeric	57. During that pregnancy, did you pay for ANC?
V375	mod14_q1458	how would you rate your overall experience with the anc services received	discrete	numeric	58. How would you rate your overall experience with the ANC services received during that pregnancy?
V376	mod14_q1459	during that pregnancy did you receive any injection in the arm/shoulder	discrete	numeric	59. During that pregnancy, did you receive any injection in the arm or shoulder to prevent the baby from getting tetanus, that is convulsions after birth?

V377	mod14_q1460	did you receive any tetanus injection at any time before this pregnancy, either	discrete	numeric	60. Did you receive any tetanus injection at any time before that pregnancy, either to protect yourself or another baby?
V378	mod14_q1461	during this pregnancy, were you given or did you take iron supplements	discrete	numeric	61. During that pregnancy, were you given or did you take iron supplements ?
V379	mod14_q1462	during this pregnancy, did you take folic acid?	discrete	numeric	62. During that pregnancy, did you take folic acid ?
V380	mod14_q1463	during this pregnancy, did you take/use malaria prevention (inc. bed nets)	discrete	numeric	63. During that pregnancy, did you take/use malaria prevention (inc. bed nets)?
V381	mod14_q1464_01	high blood pressure	discrete	numeric	64. Did you experience any pregnancy-related problems during that pregnancy?
V382	mod14_q1464_02	gestational diabetes	discrete	numeric	64. Did you experience any pregnancy-related problems during that pregnancy?
V383	mod14_q1464_03	infections	discrete	numeric	64. Did you experience any pregnancy-related problems during that pregnancy?
V384	mod14_q1464_04	preterm labour	discrete	numeric	64. Did you experience any pregnancy-related problems during that pregnancy?
V385	mod14_q1464_05	anaemia	discrete	numeric	64. Did you experience any pregnancy-related problems during that pregnancy?
V386	mod14_q1464_06	pregnancy loss	discrete	numeric	64. Did you experience any pregnancy-related problems during that pregnancy?
V387	mod14_q1464_07	none	discrete	numeric	64. Did you experience any pregnancy-related problems during that pregnancy?
V388	mod14_q1464_96	other	discrete	numeric	64. Did you experience any pregnancy-related problems during that pregnancy?
V389	mod14_q1464_96spy	other specified	discrete	character	64. Did you experience any pregnancy-related problems during that pregnancy?
V390	mod14_q1465a	did this pregnancy end in a live birth	discrete	numeric	65a. Did this pregnancy end in a live birth?
V391	mod14_q1465	got the service from a health facility	discrete	numeric	65. Did you get [ 999] in a health facility?
V392	mod14_q1466_01	too costly	discrete	numeric	66. What were reasons you did not deliver in a health facility?
V393	mod14_q1466_02	too far	discrete	numeric	66. What were reasons you did not deliver in a health facility?
V394	mod14_q1466_03	no means of transportation	discrete	numeric	66. What were reasons you did not deliver in a health facility?
V395	mod14_q1466_04	waiting time too long	discrete	numeric	66. What were reasons you did not deliver in a health facility?
V396	mod14_q1466_05	delivery was easy/no need for professional	discrete	numeric	66. What were reasons you did not deliver in a health facility?

V397	mod14_q1466_06	dont know where to go	discrete	numeric	66. What were reasons you did not deliver in a health facility?
V398	mod14_q1466_07	prefer tba, relative, husband	discrete	numeric	66. What were reasons you did not deliver in a health facility?
V399	mod14_q1466_08	no one looks after the house/children	discrete	numeric	66. What were reasons you did not deliver in a health facility?
V400	mod14_q1466_09	family/relatives advice	discrete	numeric	66. What were reasons you did not deliver in a health facility?
V401	mod14_q1466_10	not friendly	discrete	numeric	66. What were reasons you did not deliver in a health facility?
V402	mod14_q1466_11	service providers are male	discrete	numeric	66. What were reasons you did not deliver in a health facility?
V403	mod14_q1466_96	other	discrete	numeric	66. What were reasons you did not deliver in a health facility?
V404	mod14_q1466_96spy	other_specified	discrete	character	66. What were reasons you did not deliver in a health facility?
V405	mod14_q1467	where did you go for the service	discrete	numeric	67. Which health facility did you get [ 999]?
V406	mod14_q1467_96spy	where did you go for the service	discrete	character	67. Which health facility did you get [ 999]?
V407	mod14_q1468_01	doctor	discrete	numeric	68. Who assisted with the delivery/miscarriage/abortion?
V408	mod14_q1468_02	nurse	discrete	numeric	68. Who assisted with the delivery/miscarriage/abortion?
V409	mod14_q1468_03	midwife	discrete	numeric	68. Who assisted with the delivery/miscarriage/abortion?
V410	mod14_q1468_04	traditional birth attendant	discrete	numeric	68. Who assisted with the delivery/miscarriage/abortion?
V411	mod14_q1468_05	community health worker	discrete	numeric	68. Who assisted with the delivery/miscarriage/abortion?
V412	mod14_q1468_06	no one	discrete	numeric	68. Who assisted with the delivery/miscarriage/abortion?
V413	mod14_q1468_96	other	discrete	numeric	68. Who assisted with the delivery/miscarriage/abortion?
V414	mod14_q1468_96spy	other_specified	discrete	character	68. Who assisted with the delivery/miscarriage/abortion?
V415	mod14_q1469_01	cheap	discrete	numeric	69. What were the reason you chose this place for delivery/miscarriage/abortion?
V416	mod14_q1469_02	closeby	discrete	numeric	69. What were the reason you chose this place for delivery/miscarriage/abortion?
V417	mod14_q1469_03	received anc here	discrete	numeric	69. What were the reason you chose this place for delivery/miscarriage/abortion?
V418	mod14_q1469_04	know the person	discrete	numeric	69. What were the reason you chose this place for delivery/miscarriage/abortion?
V419	mod14_q1469_05	health staff advice	discrete	numeric	69. What were the reason you chose this place for delivery/miscarriage/abortion?

V420	mod14_q1469_06	family/friend advice	discrete	numeric	69. What were the reason you chose this place for delivery/miscarriage/abortion?
V421	mod14_q1469_07	enough equipment	discrete	numeric	69. What were the reason you chose this place for delivery/miscarriage/abortion?
V422	mod14_q1469_08	referral	discrete	numeric	69. What were the reason you chose this place for delivery/miscarriage/abortion?
V423	mod14_q1469_96	other	discrete	numeric	69. What were the reason you chose this place for delivery/miscarriage/abortion?
V424	mod14_q1469_96spy	other_specified	discrete	character	69. What were the reason you chose this place for delivery/miscarriage/abortion?
V425	mod14_q1470	how far is the facility from your house?	discrete	numeric	70. How far is this place from your house?
V426	mod14_q1470a	how far is the facility from your house?	discrete	numeric	70. How far is this place from your house?
V427	mod14_q1471_01	walked	discrete	numeric	71. What form of transport did you use to get to the health facility?
V428	mod14_q1471_02	bicycle	discrete	numeric	71. What form of transport did you use to get to the health facility?
V429	mod14_q1471_03	motocycle	discrete	numeric	71. What form of transport did you use to get to the health facility?
V430	mod14_q1471_04	public bus	discrete	numeric	71. What form of transport did you use to get to the health facility?
V431	mod14_q1471_05	car	discrete	numeric	71. What form of transport did you use to get to the health facility?
V432	mod14_q1471_06	tuktuk	discrete	numeric	71. What form of transport did you use to get to the health facility?
V433	mod14_q1471_07	ambulance	discrete	numeric	71. What form of transport did you use to get to the health facility?
V434	mod14_q1471_96	other	discrete	numeric	71. What form of transport did you use to get to the health facility?
V435	mod14_q1471_96spy	other_specified	discrete	character	71. What form of transport did you use to get to the health facility?
V436	mod14_q1472	how long does it take you to reach the health facility?	discrete	numeric	72. How long did it take you to reach the health care provider? Minutes
V437	q1472new1	how did you pay for the hospital delivery services	discrete	numeric	72.(i). How did you pay for the hospital delivery services?
V438	q1472new1_spy	how did you pay for the hospital delivery services	discrete	character	72.(i). How did you pay for the hospital delivery services?
V439	q1472new2	if out of pocket, how much did you spend	discrete	numeric	72.(ii). If out of pocket, how much did you spend?
V440	q1472new3	which insurance did you use	discrete	numeric	72.(iii). Which insurance did you use?
V441	q1472new3_spy	which insurance did you use	discrete	character	72.(iii). Which insurance did you use?
V442	mod14_q1473	was a c-section	discrete	numeric	73. Was it a C-section?

V443	mod14_q1474	did you experience any delivery-related problems?	discrete	numeric	74. Did you experience any delivery-related problems?
V444	mod14_q1475_01	c-section (emergency)	discrete	numeric	75. Which delivery-related problems?
V445	mod14_q1475_02	haemorrhage	discrete	numeric	75. Which delivery-related problems?
V446	mod14_q1475_03	obstructed labour	discrete	numeric	75. Which delivery-related problems?
V447	mod14_q1475_04	forcip	discrete	numeric	75. Which delivery-related problems?
V448	mod14_q1475_05	vacuum	discrete	numeric	75. Which delivery-related problems?
V449	mod14_q1475_06	sepsis	discrete	numeric	75. Which delivery-related problems?
V450	mod14_q1475_07	high blood pressure (eclampsia)	discrete	numeric	75. Which delivery-related problems?
V451	mod14_q1475_08	none	discrete	numeric	75. Which delivery-related problems?
V452	mod14_q1475_96	other	discrete	numeric	75. Which delivery-related problems?
V453	mod14_q1475_96spy	other_specified	discrete	character	75. Which delivery-related problems?
V454	mod14_q1476	baby had complications	discrete	numeric	76. Did any complications happen to your baby?
V455	mod14_q1477_01	premature birth	discrete	numeric	77. Which complications?
V456	mod14_q1477_02	low birth weight	discrete	numeric	77. Which complications?
V457	mod14_q1477_03	baby was not breathing	discrete	numeric	77. Which complications?
V458	mod14_q1477_96	other	discrete	numeric	77. Which complications?
V459	mod14_q1477_96spy	specified	discrete	character	77. Which complications?
V460	mod14_q1478	did anyone check on your health immediately upon delivery	discrete	numeric	78. Did anyone check on your health immediately upon delivery?
V461	mod14_q1479_01	doctor	discrete	numeric	79. Who checked on your health at that time?
V462	mod14_q1479_02	nurse	discrete	numeric	79. Who checked on your health at that time?
V463	mod14_q1479_03	midwife	discrete	numeric	79. Who checked on your health at that time?
V464	mod14_q1479_04	traditional birth attendant	discrete	numeric	79. Who checked on your health at that time?
V465	mod14_q1479_05	community health worker	discrete	numeric	79. Who checked on your health at that time?
V466	mod14_q1479_96	other	discrete	numeric	79. Who checked on your health at that time?
V467	mod14_q1479_96spy	specified	discrete	character	79. Who checked on your health at that time?
V468	mod14_q1480_01	clean the wound	discrete	numeric	80. What actually did this person do?
V469	mod14_q1480_02	got injection	discrete	numeric	80. What actually did this person do?

V470	mod14_q1480_03	examine uterus contraction	discrete	numeric	80. What actually did this person do?
V471	mod14_q1480_04	examine/take care of breast	discrete	numeric	80. What actually did this person do?
V472	mod14_q1480_05	teach how to breastfeed	discrete	numeric	80. What actually did this person do?
V473	mod14_q1480_06	advise how to take care of baby	discrete	numeric	80. What actually did this person do?
V474	mod14_q1480_07	advise how to take care of mother herself	discrete	numeric	80. What actually did this person do?
V475	mod14_q1480_08	examine baby condition	discrete	numeric	80. What actually did this person do?
V476	mod14_q1480_09	bathe the baby	discrete	numeric	80. What actually did this person do?
V477	mod14_q1480_10	prevention/management of neonatal illnesses	discrete	numeric	80. What actually did this person do?
V478	mod14_q1480_11	vitamin a supplementation	discrete	numeric	80. What actually did this person do?
V479	mod14_q1480_12	intermittent preventive treatment/itn for malaria prevention	discrete	numeric	80. What actually did this person do?
V480	mod14_q1480_13	prescribe medicines to prevent haemorrhage	discrete	numeric	80. What actually did this person do?
V481	mod14_q1480_14	hiv screening/pmtct rx	discrete	numeric	80. What actually did this person do?
V482	mod14_q1480_15	mental status assessment	discrete	numeric	80. What actually did this person do?
V483	mod14_q1480_16	provide health education on hygiene, warmth, breastfeeding, kangaroo mother care	discrete	numeric	80. What actually did this person do?
V484	mod14_q1480_17	provide health education for prevention of tuberculosis	discrete	numeric	80. What actually did this person do?
V485	mod14_q1480_18	blood pressure measure	discrete	numeric	80. What actually did this person do?
V486	mod14_q1480_19	weight measure	discrete	numeric	80. What actually did this person do?
V487	mod14_q1480_20	blood test	discrete	numeric	80. What actually did this person do?
V488	mod14_q1480_21	urine test	discrete	numeric	80. What actually did this person do?
V489	mod14_q1480_22	stethoscope exam	discrete	numeric	80. What actually did this person do?
V490	mod14_q1480_23	ultrasound exam	discrete	numeric	80. What actually did this person do?
V491	mod14_q1480_24	doppler exam	discrete	numeric	80. What actually did this person do?
V492	mod14_q1480_25	screening for hypertension	discrete	numeric	80. What actually did this person do?
V493	mod14_q1480_26	screening for anemia	discrete	numeric	80. What actually did this person do?

V494	mod14_q1480_27	blood pressure measure	discrete	numeric	80. What actually did this person do?
V495	mod14_q1480_28	prescribe de-worming prescribe iron	discrete	numeric	80. What actually did this person do?
V496	mod14_q1480_29	prescribe calcium to prevent hypertension	discrete	numeric	80. What actually did this person do?
V497	mod14_q1480_30	iron and folic acid	discrete	numeric	80. What actually did this person do?
V498	mod14_q1480_31	counselling on fp	discrete	numeric	80. What actually did this person do?
V499	mod14_q1480_32	prevention and treatment (if any) of hiv (pmtct)	discrete	numeric	80. What actually did this person do?
V500	mod14_q1480_33	prevention of malaria with insecticide treated bed nets	discrete	numeric	80. What actually did this person do?
V501	mod14_q1480_34	health education for birth preparedness and pregnancy complication readiness	discrete	numeric	80. What actually did this person do?
V502	mod14_q1480_96	other	discrete	numeric	80. What actually did this person do?
V503	mod14_q1480_96spy	other_specified	discrete	character	80. What actually did this person do?
V504	mod14_q1481	how would you rate your overall experience with the services received during del	discrete	numeric	81. How would you rate your overall experience with the services provided during delivery?
V505	mod14_q1482	did anyone check on your health after you went home with the baby	discrete	numeric	82. Did anyone check on your health after you went home with the baby?
V506	mod14_q1483	how long after the delivery the check was done in days	discrete	numeric	83. How long after delivery did this check take place?
V507	mod14_q1484_01	doctor	discrete	numeric	84. Who checked on your health at that time?
V508	mod14_q1484_02	nurse	discrete	numeric	84. Who checked on your health at that time?
V509	mod14_q1484_03	midwife	discrete	numeric	84. Who checked on your health at that time?
V510	mod14_q1484_04	traditional birth attendant	discrete	numeric	84. Who checked on your health at that time?
V511	mod14_q1484_05	community health worker	discrete	numeric	84. Who checked on your health at that time?
V512	mod14_q1484_96	other	discrete	numeric	84. Who checked on your health at that time?
V513	mod14_q1484_96spy	specified	discrete	character	84. Who checked on your health at that time?
V514	mod14_q1485	where did you go for the service	discrete	numeric	85. Where did this check take place?
V515	mod14_q1485_96spy	where did you go for the service	discrete	character	85. Where did this check take place?
V516	q1485new1_01	breastfeeding	discrete	numeric	85.(i) What information were you given during this check?
V517	q1485new1_02	how to manage stress	discrete	numeric	85.(i) What information were you given during this check?

V518	q1485new1_03	childcare	discrete	numeric	85.(i) What information were you given during this check?
V519	q1485new1_04	nutrition	discrete	numeric	85.(i) What information were you given during this check?
V520	q1485new1_05	Post natal check up	discrete	numeric	85.(i) What information were you given during this check?
V521	q1485new1_96	other	discrete	numeric	85.(i) What information were you given during this check?
V522	q1485new1_96spy	other:specified	discrete	character	85.(i) What information were you given during this check?
V523	q1485new2	how long did the check take in minutes	discrete	numeric	85.(ii) How long did the check take? MINUTES
V524	q1485new3	how many times did you go for checkup after delivery	discrete	numeric	85.(iii) How many times did you go for checkup after delivery? NUMBER OF TIMES
V525	mod14_q1486	did anyone check on the baby health after the delivery	discrete	numeric	86. Did anyone check on the baby's health after the delivery?
V526	mod14_q1487_01	doctor	discrete	numeric	87. Who checked on the baby?
V527	mod14_q1487_02	nurse	discrete	numeric	87. Who checked on the baby?
V528	mod14_q1487_03	midwife	discrete	numeric	87. Who checked on the baby?
V529	mod14_q1487_04	traditional birth attendant	discrete	numeric	87. Who checked on the baby?
V530	mod14_q1487_05	community health worker	discrete	numeric	87. Who checked on the baby?
V531	mod14_q1487_96	other	discrete	numeric	87. Who checked on the baby?
V532	mod14_q1487_96spy	specified	discrete	character	87. Who checked on the baby?
V533	mod14_q1488	where the check took place	discrete	numeric	88. Where did this check take place?
V534	mod14_q1488_96spy	where the check took place	discrete	character	88. Where did this check take place?
V535	mod17_q1700	mod17 privacy	discrete	numeric	[ENUMERATOR: Check for presence of others before continuing. Make every effort to ensure privacy. Move to secluded or private place if necessary, Questions must be asked directly to respondent.
V536	mod17_q1700a	reason why individual not accepted to proceed in module 16	discrete	numeric	reason why individual not accepted to proceed in module 16
V537	mod17_q1701	it is recommended that a woman waits at least two or three years between pregnan	discrete	numeric	1. It is recommended that a woman waits at least two or three years between pregnancies
V538	mod17_q1702	if a man wears a condom during sex, you can avoid a pregnancy	discrete	numeric	2. If a man wears a condom during sex, you can avoid a pregnancy
V539	mod17_q1703	a pregnant woman should only go to the health clinic if she has a major health p	discrete	numeric	3. A pregnant woman should only go to the health clinic if she has a major health problem
V540	mod17_q1704	a pregnant woman should go for antenatal care only toward the end of her pregnan	discrete	numeric	4. A pregnant woman should go for antenatal care only toward the end of her pregnancy

V541	mod17_q1705	one of the reasons to go to ANC is to monitor the health of the baby and the mother	discrete	numeric	5. One of the reasons to go to ANC is to monitor the health of the baby and the mother
V542	mod17_q1706	if a pregnant woman has swollen feet, that is a danger sign	discrete	numeric	6. If a pregnant woman has swollen feet, that is a danger sign
V543	mod17_q1707	it is dangerous for a woman if she has high fever after the delivery of her baby	discrete	numeric	7. It is dangerous for a woman if she has high fever after the delivery of her baby
V544	mod17_q1708	the first immunization for a child should be given when the child is one year old	discrete	numeric	8. The first immunization for a child should be given when the child is one year old
V545	mod17_q1709	immunizations are only given through an injection	discrete	numeric	9. Immunizations are only given through an injection
V546	mod17_q1710	if a child has a lack of energy and cannot function normally, it may be a sign that the child is undernourished	discrete	numeric	10. If a child has a lack of energy and cannot function normally, it may be a sign that the child is undernourished
V547	mod17_q1711	when a child has diarrhoea, you should just wait until it is over	discrete	numeric	11. When a child has diarrhoea, you should just wait until it is over
V548	mod17_q1712	the first food a baby should receive, is water	discrete	numeric	12. The first food a baby should receive, is water
V549	mod17_q1713	a baby should have other liquids and foods beside breastmilk during the first 6 months	discrete	numeric	13. A baby should have other liquids and foods beside breastmilk during the first 6 months of life
V550	mod17_q1714	it is recommended that a child is breastfed for at least 24 months	discrete	numeric	14. It is recommended that a child is breastfed for at least 24 months
V551	mod17_q1715	washing hands is a good strategy to avoid sickness from germs	discrete	numeric	15. Washing hands is a good strategy to avoid sickness from germs
V552	mod17_q1716	it is important to wash your hands before feeding a child	discrete	numeric	16. It is important to wash your hands before feeding a child
V553	mod17_q1717	if you take/draw water from a nearby river, it is safe to drink	discrete	numeric	17. If you take/draw water from a nearby river, it is safe to drink.

## household education\_midline

Content	The file contain data from; Module 4: EDUCATION
Cases	1271
Variable(s)	15
Structure	Type: relational Keys: household_id(Household Id), individual_id(ID of the individual)
Version	Version 1.0
Producer	African population and health research center (APHRC)
Missing Data	na

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V554	household_id	Household Id	discrete	character	1.2. Household Code is: [q1_2]
V555	individual_id	ID of the individual	discrete	character	na
V556	mod4_age	age (in years) of individual at last birthday	contin	numeric	age (in years) of individual at last birthday
V557	mod4_lineno	individual's line number in the household	discrete	numeric	individual's line number in the household
V558	mod4_gender	gender of individual	discrete	numeric	gender of individual
V559	mod4_q401	can read in any language	discrete	numeric	1. Can [ [mod4_name]] read in any language?
V560	mod4_q402	can write in any language	discrete	numeric	2. Can [ [mod4_name]] write a letter in any language?
V561	mod4_q403	ever attended school	discrete	numeric	3. Has [ [mod4_name]] ever attended school ?
V562	mod4_q404	currently in school	discrete	numeric	4. Is [ [mod4_name]] currently in school ?
V563	mod4_q405	currently attending level	discrete	numeric	5. What level does [ [mod4_name]] currently attend in school?
V564	mod4_q405_spy	currently attending level_specified	discrete	character	5. What level does [ [mod4_name]] currently attend in school?
V565	mod4_q405a	highest grade the individual has completed in school	discrete	numeric	5.grade. What is the highest grade that [ [mod4_name]] has completed in school?
V566	mod4_q406	highest level completed	discrete	numeric	6. What level did [ [mod4_name]] complete?
V567	mod4_q406_spy	highest level completed_specified	discrete	character	6. What level did [ [mod4_name]] complete?
V568	mod4_q406a	highest grade completed	discrete	numeric	6.grade. What is the highest grade [ [mod4_name]] completed in school?

## household employment and income\_midline

Content	The file contain data from; Module 9: EMPLOYMENT AND INCOME
Cases	888
Variable(s)	23
Structure	Type: relational Keys: household_id(Household Id), individual_id(ID of the individual)
Version	Version 1.0
Producer	African population and health research center (APHRC)
Missing Data	na

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V569	household_id	Household Id	discrete	character	1.2. Household Code is: [q1_2]
V570	individual_id	ID of the individual	discrete	character	na
V571	mod9_age	age (in years) of individual at last birthday	contin	numeric	age (in years) of individual at last birthday
V572	mod9_lineno	individual's line number in the household	discrete	numeric	individual's line number in the household
V573	mod9_gender	gender of individual	discrete	numeric	gender of individual
V574	mod9_q901	individual works	discrete	numeric	1. Does [ [mod9_name]] work?
V575	mod9_q902_01	reason for not working:sick, injury	discrete	numeric	2. Why does [ [mod9_name]] not work?
V576	mod9_q902_02	reason for not working:student	discrete	numeric	2. Why does [ [mod9_name]] not work?
V577	mod9_q902_03	reason for not working:caring for ill family	discrete	numeric	2. Why does [ [mod9_name]] not work?
V578	mod9_q902_04	reason for not working:cannot find work	discrete	numeric	2. Why does [ [mod9_name]] not work?
V579	mod9_q902_05	reason for not working:do not want to work	discrete	numeric	2. Why does [ [mod9_name]] not work?
V580	mod9_q902_06	reason for not working:too young to work	discrete	numeric	2. Why does [ [mod9_name]] not work?
V581	mod9_q902_07	reason for not working:too old/pensioner	discrete	numeric	2. Why does [ [mod9_name]] not work?
V582	mod9_q902_08	reason for not working:taking care of family	discrete	numeric	2. Why does [ [mod9_name]] not work?
V583	mod9_q902_96	reason for not working:other	discrete	numeric	2. Why does [ [mod9_name]] not work?
V584	mod9_q902_96spy	reason for not working:other-specified	discrete	character	2. Why does [ [mod9_name]] not work?
V585	mod9_q903	the main work the individual does	discrete	numeric	3. What is the main work that [ [mod9_name]] does?
V586	mod9_q903_spy	the main work the individual does	discrete	character	3. What is the main work that [ [mod9_name]] does?
V587	mod9_q904	total amount the individual earns	discrete	numeric	4. How much did [ [mod9_name]] earn last month with your/ [ [mod9_name]] 's main work ?

V588	mod9_q905	individual have another job	discrete	numeric	5. Does [ [mod9_name]] have any other work ?
V589	mod9_q906	the main work the individual does	discrete	numeric	6. What is the second work that [ [mod9_name]] does?
V590	mod9_q906_spy	the main work the individual does	discrete	character	6. What is the second work that [ [mod9_name]] does?
V591	mod9_q907	total amount the individual earns	discrete	numeric	7. How much did [ [mod9_name]] earn last month with your/ [ [mod9_name]] 's second work?

## household food consumption\_midline

Content	The file contain data from; Module 7: FOOD CONSUMPTION
Cases	449
Variable(s)	37
Structure	Type: relational Keys: household_id(Household Id), individual_id(ID of the individual)
Version	Version 1.0
Producer	African population and health research center (APHRC)
Missing Data	na

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V592	household_id	Household Id	discrete	character	1.2. Household Code is: [q1_2]
V593	individual_id	ID of the individual	discrete	character	na
V594	mod7_age	age (in months) of individual at last birthday	discrete	numeric	
V595	mod7_lineno	individual's line number in the household	discrete	numeric	
V596	mod7_gender	gender of individual	discrete	numeric	
V597	mod7_q719	child drank plain water	discrete	numeric	Did [mod7_name] ] drink/eat: 14. Plain water?
V598	mod7_q720	child drank juice or juice drinks	discrete	numeric	Did [mod7_name] ] drink/eat: 15. Juice or juice drinks?
V599	mod7_q721	child drank clear soup	discrete	numeric	Did [mod7_name] ] drink/eat: 16. Soup?
V600	mod7_q722	child drank milk such as tinned,powdered,or fresh animal milk	discrete	numeric	Did [mod7_name] ] drink/eat: 17. Milk such as tinned, powdered, or fresh animal milk?
V601	mod7_q723	times child drank milk such as tinned,powdered,or fresh animal milk	discrete	numeric	18. If yes, how often did [[mod7_name] ] drink milk?
V602	mod7_q724	child drank infant formula	discrete	numeric	Did [mod7_name] ] drink/eat: 19. Did [mod7_name] ] take infant formula?
V603	mod7_q725	times child drank infant formula	discrete	numeric	20. If yes, how many times did [[mod7_name] ] drink infant formula
V604	mod7_q726	child drank any other liquids	discrete	numeric	Did [mod7_name] ] drink:21. Any other liquids?
V605	mod7_q727	child drank yoghurt	discrete	numeric	Did [mod7_name] ] drink:22. Yoghurt?
V606	mod7_q728	times child ate yoghurt	discrete	numeric	23. If yes, how often did [[mod7_name] ] eat yoghurt?
V607	mod7_q729	child ate any fortified baby food like cerelac	discrete	numeric	Did [mod7_name] ] drink:24. Did [mod7_name] ] eat any fortified baby food like cerelac?
V608	mod7_q730	# of times child ate fortified baby food like cerelac	discrete	numeric	25. If yes, how often did [[mod7_name] ] eat solid, semi-solid, or soft foods yesterday during the day or night?

V609	mod7_q701_01	child ate:maize, rice, wheat, porridge, sorghum, bread, or other foods made from	discrete	numeric	Did [[mod7_name] ] eat:Maize, rice, wheat, porridge, sorghum, bread, or other foods made from grains?
V610	mod7_q701_02	child ate:pumpkin, carrots, squash or yellow sweet potatoes that are yellow or o	discrete	numeric	Did [[mod7_name] ] eat:Pumpkin, carrots, squash or yellow sweet potatoes that are yellow or orange inside?
V611	mod7_q701_03	child ate:irish potatoes, yams, cassava, white sweet potatoes, or any other food	discrete	numeric	Did [[mod7_name] ] eat: Irish potatoes, yams, cassava, white sweet potatoes, or any other foods made from roots?
V612	mod7_q701_04	child ate:sukuma wiki or any dark green, leafy vegetables	discrete	numeric	Did [[mod7_name] ] eat:Sukuma wiki or any dark green, leafy vegetables?
V613	mod7_q701_05	child ate:ripe mangoes, pawpaw, guava?	discrete	numeric	Did [[mod7_name] ] eat:Ripe mangoes, pawpaw, guava?
V614	mod7_q701_06	child ate:any other fruits or vegetables?	discrete	numeric	Did [[mod7_name] ] eat:Any other fruits or vegetables?
V615	mod7_q701_07	child ate:liver, kidney, heart or other organ meats?	discrete	numeric	Did [[mod7_name] ] eat:Liver, kidney, heart or other organ meats?
V616	mod7_q701_08	child ate:any meat, such as beef, pork, lamb, goat, chicken, or duck?	discrete	numeric	Did [[mod7_name] ] eat:Any meat, such as beef, pork, lamb, goat, chicken, or duck?
V617	mod7_q701_09	child ate:eggs?	discrete	numeric	Did [[mod7_name] ] eat:Eggs?
V618	mod7_q701_10	child ate:fresh or dried fish or shellfish?	discrete	numeric	Did [[mod7_name] ] eat:Fresh or dried fish or shellfish?
V619	mod7_q701_11	child ate:any foods made from beans, peas	discrete	numeric	Did [[mod7_name] ] eat:Any foods made from beans, peas, lentils, or nuts?
V620	mod7_q701_12	child ate:cheese or other food made from milk?	discrete	numeric	Did [[mod7_name] ] eat:Cheese or other food made from milk?
V621	mod7_q701_13	child ate:any oil, fats, or butter, or foods made with any of these	discrete	numeric	Did [[mod7_name] ] eat:Any oil, fats, or butter, or foods made with any of these
V622	mod7_q701_14	child ate:any sugary foods such as chocolates, sweets, candies, pastries, cakes,	discrete	numeric	Did [[mod7_name] ] eat:Any sugary foods such as chocolates, sweets, candies, pastries, cakes, or biscuits
V623	mod7_q701_15	child ate:condiments for flavor, such as chilies, spices, herbs, or fish powder	discrete	numeric	Did [[mod7_name] ] eat:Condiments for flavor, such as chilies, spices, herbs, or fish powder
V624	mod7_q701_16	child ate:grubs, snails, or insects	discrete	numeric	Did [[mod7_name] ] eat:Grubs, snails, or insects
V625	mod7_q701_17	child ate:foods made with red palm oil, red palm nut, or red palm nut pulp sauce	discrete	numeric	Did [[mod7_name] ] eat:Foods made with red palm oil, red palm nut, or red palm nut pulp sauce
V626	mod7_q701_18	child ate:any other solid, semi-solid, or soft food?	discrete	numeric	Did [[mod7_name] ] eat:Any other solid, semi-solid, or soft food?
V627	mod7_q701_19	ate none of the food mentioned	discrete	numeric	Did [[mod7_name] ] eat:None
V628	mod7_q702	# of times child ate solid,semisolid,or soft foods yesterday	discrete	numeric	30. How many times did [[mod7_name] ] eat solid, semisolid, or soft foods yesterday during the day or at night?

## household health outcomes\_midline

Content	The file contain data from; Module 5: HEALTH OUTCOMES
Cases	1736
Variable(s)	79
Structure	Type: relational Keys: household_id(Household Id), individual_id(ID of the individual)
Version	Version 1.0
Producer	African population and health research center (APHRC)
Missing Data	na

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V629	household_id	Household Id	discrete	character	1.2. Household Code is: [q1_2]
V630	individual_id	ID of the individual	discrete	character	na
V631	mod5_age	age (in years) of individual at last birthday	discrete	numeric	age (in years) of individual at last birthday
V632	mod5_calc_age_mths	age (in months) of individual at last birthday	contin	numeric	age (in months) of individual at last birthday
V633	mod5_lineno	individual's line number in the household	discrete	numeric	individual's line number in the household
V634	mod5_gender	gender of individual	discrete	numeric	gender of individual
V635	mod5_q501	in general the individual's health	discrete	numeric	1. In general, how would you say [[mod5_name] ]'s health is?
V636	mod5_q502	health rating in general	discrete	numeric	2. Compared to one year ago , how would you rate your/[[mod5_name] ]'s health in general now?
V637	mod5_q503_01	individual have:hypertension	discrete	numeric	3. Does [[mod5_name] ] have any of the following chronic illnesses?a. Hypertension
V638	mod5_q503_02	individual have:rheumatism/athritis	discrete	numeric	3. Does [[mod5_name] ] have any of the following chronic illnesses?b. Rheumatism/Arthritis
V639	mod5_q503_03	individual have:hiv/aids	discrete	numeric	3. Does [[mod5_name] ] have any of the following chronic illnesses? c. HIV/AIDs
V640	mod5_q503_04	individual have:physical disability	discrete	numeric	3. Does [[mod5_name] ] have any of the following chronic illnesses? d. Physical disability
V641	mod5_q503_05	individual have:diabetes	discrete	numeric	3. Does [[mod5_name] ] have any of the following chronic illnesses? e. Diabetes
V642	mod5_q503_06	individual have:heart disease	discrete	numeric	3. Does [[mod5_name] ] have any of the following chronic illnesses? f. Heart Disease
V643	mod5_q503_07	individual have:asthma	discrete	numeric	3. Does [[mod5_name] ] have any of the following chronic illnesses? g. Asthma

V644	mod5_q503_08	individual have:tuberculosis	discrete	numeric	3. Does [[mod5_name] ] have any of the following chronic illnesses? h. Tuberculosis
V645	mod5_q503_09	individual have:cancer	discrete	numeric	3. Does [[mod5_name] ] have any of the following chronic illnesses? i. Cancer
V646	mod5_q503_10	individual have:sickle cell anaemia	discrete	numeric	3. Does [[mod5_name] ] have any of the following chronic illnesses? j. Sickle cell anaemia
V647	mod5_q503_96	individual have:other	discrete	numeric	3. Does [[mod5_name] ] have any of the following chronic illnesses? 3.x. Other chronic illnesses ... Specify
V648	mod5_q503_96spy	individual have:other-specified	discrete	character	3. Does [[mod5_name] ] have any of the following chronic illnesses? 3.x. Other chronic illnesses ... Specify
V649	mod5_q505	child was breastfed	discrete	numeric	1. Was [[mod5_name] ] ever breastfed ?
V650	mod5_q506_01	insufficient milk	discrete	numeric	2. Why was [[mod5_name] ] not breastfed?
V651	mod5_q506_02	no time	discrete	numeric	2. Why was [[mod5_name] ] not breastfed?
V652	mod5_q506_03	baby did no suck/drink	discrete	numeric	2. Why was [[mod5_name] ] not breastfed?
V653	mod5_q506_04	breastmilk is not good for health	discrete	numeric	2. Why was [[mod5_name] ] not breastfed?
V654	mod5_q506_96	other	discrete	numeric	2. Why was [[mod5_name] ] not breastfed?
V655	mod5_q506_96spy	other-specified	discrete	character	2. Why was [[mod5_name] ] not breastfed?
V656	mod5_q507	how long after birth was the child put on the breast	discrete	numeric	3. How long after birth was [[mod5_name] ] first put to the breast ?
V657	mod5_q507hrs	how long after birth was the child put on the breast	discrete	numeric	3. How long after birth was [[mod5_name] ] first put to the breast ?
V658	mod5_q507days	how long after birth was the child put on the breast	discrete	numeric	3. How long after birth was [[mod5_name] ] first put to the breast ?
V659	mod5_q508	breastfed exclusively the first 6 months	discrete	numeric	4. Was [[mod5_name] ] breastfed exclusively the first 6 months?
V660	mod5_q509	child was given anything to drink/eat	discrete	numeric	5. In the first three days after delivery , was [[mod5_name] ] given anything to drink/eat other than breast milk?
V661	mod5_q510_01	child was given to drink/eat:milk other than beast milk	discrete	numeric	6. What was [[mod5_name] ] given to drink or eat ?
V662	mod5_q510_02	child was given to drink/eat:infant formula	discrete	numeric	6. What was [[mod5_name] ] given to drink or eat ?
V663	mod5_q510_03	child was given to drink/eat:fruit juice	discrete	numeric	6. What was [[mod5_name] ] given to drink or eat ?
V664	mod5_q510_04	child was given to drink/eat:plain water	discrete	numeric	6. What was [[mod5_name] ] given to drink or eat ?

V665	mod5_q510_05	child was given to drink/eat:gripe water	discrete	numeric	6. What was [[mod5_name] ] given to drink or eat ?
V666	mod5_q510_06	child was given to drink/eat:sugar or glucose water	discrete	numeric	6. What was [[mod5_name] ] given to drink or eat ?
V667	mod5_q510_07	child was given to drink/eat:sugar-salt-water solution	discrete	numeric	6. What was [[mod5_name] ] given to drink or eat ?
V668	mod5_q510_08	child was given to drink/eat:honey	discrete	numeric	6. What was [[mod5_name] ] given to drink or eat ?
V669	mod5_q510_09	child was given to drink/eat:rice	discrete	numeric	6. What was [[mod5_name] ] given to drink or eat ?
V670	mod5_q510_96	child was given to drink/eat:other	discrete	numeric	6. What was [[mod5_name] ] given to drink or eat ?
V671	mod5_q510_96spy	child was given to drink/eat:other-specified	discrete	character	6. What was [[mod5_name] ] given to drink or eat ?
V672	mod5_q511	how long the child was breastfed	discrete	numeric	7. For how long (MONTHS) was [[mod5_name] ] breastfed
V673	mod5_q512	child received vaccinations	discrete	numeric	8. Did [[mod5_name] ] receive vaccinations ?
V674	mod5_q513_01	lack of time	discrete	numeric	9. If [[mod5_name] ] has not received any vaccine, why did [[mod5_name] ] NOT get vaccines ?
V675	mod5_q513_02	not considered important	discrete	numeric	9. If [[mod5_name] ] has not received any vaccine, why did [[mod5_name] ] NOT get vaccines ?
V676	mod5_q513_03	forgot	discrete	numeric	9. If [[mod5_name] ] has not received any vaccine, why did [[mod5_name] ] NOT get vaccines ?
V677	mod5_q513_04	too far to health facility	discrete	numeric	9. If [[mod5_name] ] has not received any vaccine, why did [[mod5_name] ] NOT get vaccines ?
V678	mod5_q513_05	fear of side effects	discrete	numeric	9. If [[mod5_name] ] has not received any vaccine, why did [[mod5_name] ] NOT get vaccines ?
V679	mod5_q513_06	traditional restrictions/beliefs	discrete	numeric	9. If [[mod5_name] ] has not received any vaccine, why did [[mod5_name] ] NOT get vaccines ?
V680	mod5_q513_07	family member's advice	discrete	numeric	9. If [[mod5_name] ] has not received any vaccine, why did [[mod5_name] ] NOT get vaccines ?
V681	mod5_q513_08	did not know when/where to go	discrete	numeric	9. If [[mod5_name] ] has not received any vaccine, why did [[mod5_name] ] NOT get vaccines ?
V682	mod5_q513_96	other	discrete	numeric	9. If [[mod5_name] ] has not received any vaccine, why did [[mod5_name] ] NOT get vaccines ?
V683	mod5_q513_96spy	other-specified	discrete	character	9. If [[mod5_name] ] has not received any vaccine, why did [[mod5_name] ] NOT get vaccines ?
V684	mod5_q514_01	vaccination received:bcg	discrete	numeric	10. Please select all the immunization given to [[mod5_name] ]:

V685	mod5_q514_02	vaccination received:polio 0	discrete	numeric	10. Please select all the immunization given to [[mod5_name] ]:
V686	mod5_q514_03	vaccination received:polio 1	discrete	numeric	10. Please select all the immunization given to [[mod5_name] ]:
V687	mod5_q514_04	vaccination received:polio 2	discrete	numeric	10. Please select all the immunization given to [[mod5_name] ]:
V688	mod5_q514_05	vaccination received:polio 3	discrete	numeric	10. Please select all the immunization given to [[mod5_name] ]:
V689	mod5_q514_06	vaccination received:hepb 0 at birth	discrete	numeric	10. Please select all the immunization given to [[mod5_name] ]:
V690	mod5_q514_07	vaccination received:dpt-hepb- hib/pcv 1	discrete	numeric	10. Please select all the immunization given to [[mod5_name] ]:
V691	mod5_q514_08	vaccination received:dpt-hepb- hib/pcv 2	discrete	numeric	10. Please select all the immunization given to [[mod5_name] ]:
V692	mod5_q514_09	vaccination received:dpt-hepb- hib/pcv 3	discrete	numeric	10. Please select all the immunization given to [[mod5_name] ]:
V693	mod5_q514_10	vaccination received:measles and rubella	discrete	numeric	10. Please select all the immunization given to [[mod5_name] ]:
V694	mod5_q514_11	vaccination received:pneumococcal	discrete	numeric	10. Please select all the immunization given to [[mod5_name] ]:
V695	mod5_q514_12	vaccination received:rotavirus	discrete	numeric	10. Please select all the immunization given to [[mod5_name] ]:
V696	mod5_q514_13	vaccination received:yellow fever	discrete	numeric	10. Please select all the immunization given to [[mod5_name] ]:
V697	mod5_q514_14	vaccination received:vitamin a most recent	discrete	numeric	10. Please select all the immunization given to [[mod5_name] ]:
V698	mod5_q524	child slept under a bed net last night	discrete	numeric	12. Did [[mod5_name] ] sleep under a bed net last night?
V699	mod5_q526	child's weight at birth	discrete	numeric	13. What was [[mod5_name] ]'s weight at birth in grams
V700	mod5_q523	child was unwell in the last 2 weeks	discrete	numeric	11. Was [[mod5_name] ] unwell in the last 2 weeks?
V701	mod5_q525_01	diarrhoea	discrete	numeric	5.25 What was [[mod5_name] ] suffering from ?
V702	mod5_q525_02	malaria	discrete	numeric	5.25 What was [[mod5_name] ] suffering from ?
V703	mod5_q525_03	pneumonia	discrete	numeric	5.25 What was [[mod5_name] ] suffering from ?
V704	mod5_q525_04	cold/flu	discrete	numeric	5.25 What was [[mod5_name] ] suffering from ?

V705	mod5_q525_05	eczema/contact dermatitis	discrete	numeric	5.25 What was [[mod5_name] ] suffering from ?
V706	mod5_q525_96spy	other illness_specified	discrete	character	5.25 What was [[mod5_name] ] suffering from ?
V707	mod5_q525_96	other illness	discrete	numeric	5.25 What was [[mod5_name] ] suffering from ?

## household healthcare insurance\_midline

Content	The file contain data from; Module 6: HEALTH CARE UTILIZATION
Cases	811
Variable(s)	7
Structure	Type: relational Keys: household_id(Household Id), individual_id(ID of the individual)
Version	Version 1.0
Producer	African population and health research center (APHRC)
Missing Data	na

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V708	household_id	Household Id	discrete	character	1.2. Household Code is: [q1_2]
V709	individual_id	ID of the individual	discrete	character	na
V710	mod6_q611	date when the individual got the health insurance	discrete	character	11. Since when did you/ [[mod6_name]] have [insurance_selected_label] ?
V711	insurance_selected	insurance selected	discrete	numeric	10. What type of health insurance does [[mod6_name]] have?
V712	mod6_q612	the facility the individual chose for insurance	discrete	numeric	12. Which outpatient clinic did [[mod6_name]] select for [insurance_selected_label] insurance?
V713	mod6_q612_96spy	the facility the individual chose for insurance	discrete	character	12. Which outpatient clinic did [[mod6_name]] select for [insurance_selected_label] insurance?
V714	mod6_q609	individual currently have health insurance	discrete	numeric	9. Does [[mod6_name]] currently have health insurance?

## household healthcare utilization\_midline

Content	The file contain data from; Module 6: HEALTH CARE UTILIZATION
Cases	1734
Variable(s)	35
Structure	Type: relational Keys: household_id(Household Id), individual_id(ID of the individual)
Version	Version 1.0
Producer	African population and health research center (APHRC)
Missing Data	na

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V715	household_id	Household Id	discrete	character	1.2. Household Code is: [q1_2]
V716	individual_id	ID of the individual	discrete	character	na
V717	mod6_age	age (in years) of individual at last birthday	discrete	numeric	age (in years) of individual at last birthday
V718	mod6_lineno	individual's line number in the household	discrete	numeric	individual's line number in the household
V719	mod6_gender	gender of individual	discrete	numeric	gender of individual
V720	mod6_q601	number of nights the individual was hospitalized	discrete	numeric	1. In the past 12 months, how many nights were you/[ mod6_name ] hospitalized?
V721	reasons_01	illness	discrete	numeric	2. What was the reason (s) for the hospitalization?
V722	reasons_02	injury/accident	discrete	numeric	2. What was the reason (s) for the hospitalization?
V723	reasons_03	delivery	discrete	numeric	2. What was the reason (s) for the hospitalization?
V724	reasons_04	pregnancy complications	discrete	numeric	2. What was the reason (s) for the hospitalization?
V725	reasons_96	other reason	discrete	numeric	2. What was the reason (s) for the hospitalization?
V726	reasons_96spy	other reason-specified	discrete	character	2. What was the reason (s) for the hospitalization?
V727	mod6_q603	outpatient visits the individual has made	discrete	numeric	3. In the past 12 months, how many outpatient visits did you/[ mod6_name ] make to a health centre or clinic?
V728	mod6_q604	times individual has consulted an informal vendor	discrete	numeric	4. In the past 12 months, how many times did you/[ mod6_name ] consult an informal vendor, drug shop, or drug seller for your own health?
V729	mod6_q605	times individual has consulted a traditional healer	discrete	numeric	5. In the past 12 months, how many times did you/[ mod6_name ] consult a traditional healer, spiritual healer, or religious leader for your own health?
V730	mod6_q606	times individual needed care but did not go due to lack of money	discrete	numeric	6. How many times in the past 12 months were you ill and needed care but did not go to doctor/clinic due to lack of money?

V731	mod6_q607	total amount spent on healthcare	discrete	numeric	7. How much money in KES was spent on [[mod6_name]]'s health care in total in the past 12 months, incl. medicines)
V732	mod6_q607a	how would you rate the overall experience of the last visit to facility	discrete	numeric	7a. How would you rate your/[[mod6_name]]'s overall experience of your/[[mod6_name]]'s last visit to this facility?
V733	mod6_q608	individual ever had health insurance in the past	discrete	numeric	8. Did [[mod6_name]] ever have health insurance in the past?
V734	mod6_q609	individual currently have health insurance	discrete	numeric	9. Does [[mod6_name]] currently have health insurance?
V735	mod6_q610_01	individual have:nhif	discrete	numeric	10. What type of health insurance does [[mod6_name]] have?
V736	mod6_q610_02	individual have:aon minet	discrete	numeric	10. What type of health insurance does [[mod6_name]] have?
V737	mod6_q610_03	individual have:resolution	discrete	numeric	10. What type of health insurance does [[mod6_name]] have?
V738	mod6_q610_04	individual have:madison	discrete	numeric	10. What type of health insurance does [[mod6_name]] have?
V739	mod6_q610_05	individual have:amaco	discrete	numeric	10. What type of health insurance does [[mod6_name]] have?
V740	mod6_q610_06	individual have:jubilee	discrete	numeric	10. What type of health insurance does [[mod6_name]] have?
V741	mod6_q610_07	individual have:old mutual	discrete	numeric	10. What type of health insurance does [[mod6_name]] have?
V742	mod6_q610_08	individual have:britam	discrete	numeric	10. What type of health insurance does [[mod6_name]] have?
V743	mod6_q610_09	individual have:uap	discrete	numeric	10. What type of health insurance does [[mod6_name]] have?
V744	mod6_q610_10	individual have:linda mama	discrete	numeric	10. What type of health insurance does [[mod6_name]] have?
V745	mod6_q610_12	individual have:uhc	discrete	numeric	10. What type of health insurance does [[mod6_name]] have?
V746	mod6_q610_13	individual have:oparanya care	discrete	numeric	10. What type of health insurance does [[mod6_name]] have?
V747	mod6_q610_14	individual have:mom care	discrete	numeric	10. What type of health insurance does [[mod6_name]] have?
V748	mod6_q610_96	individual have:other	discrete	numeric	10. What type of health insurance does [[mod6_name]] have?
V749	mod6_q610_96spy	individual have:other_specified	discrete	character	10. What type of health insurance does [[mod6_name]] have?

## household housing assets\_midline

Content	The file contain data from; Module 8: HOUSING AND ASSETS
Cases	343
Variable(s)	40
Structure	Type: relational Keys: household_id(Household Id)
Version	Version 1.0
Producer	African population and health research center (APHRC)
Missing Data	na

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V750	household_id	Household Id	discrete	character	1.2. Household Code is: [q1_2]
V751	mod8_age	age (in years) of individual at last birthday	contin	numeric	age (in years) of individual at last birthday
V752	mod8_lineno	individual's line number in the household	discrete	numeric	individual's line number in the household
V753	mod8_gender	gender of individual	discrete	numeric	gender of individual
V754	mod8_q809	household main energy source for lighting	discrete	numeric	9. What is your household's main energy source for lighting ?
V755	mod8_q809_spy	household main energy source for lighting-specified	discrete	numeric	9. What is your household's main energy source for lighting ?
V756	mod8_q810	households main energy source for cooking	discrete	numeric	10 What is your household's main energy source for cooking ?
V757	mod8_q810_spy	households main energy source for cooking-specified	discrete	numeric	10 What is your household's main energy source for cooking ?
V758	mod8_q811	the main type of appliance used for cooking	discrete	numeric	11. What is the main type of appliance used for cooking?
V759	mod8_q811_spy	the main type of appliance used for cooking-specified	discrete	numeric	11. What is the main type of appliance used for cooking?
V760	mod8_q811a	household have electricity	discrete	numeric	11a. Does your household have electricity?
V761	mod8_q812a	household have a functional television or Pay TV	discrete	numeric	12a. Does this household have a functional television or Pay TV ?
V762	mod8_q812_01	chair	discrete	numeric	12. How many of the following items does your household possess ?
V763	mod8_q812_02	radio	discrete	numeric	12. How many of the following items does your household possess ?
V764	mod8_q812_03	table	discrete	numeric	12. How many of the following items does your household possess ?
V765	mod8_q812_04	sofa	discrete	numeric	12. How many of the following items does your household possess ?
V766	mod8_q812_05	functional television	discrete	numeric	12. How many of the following items does your household possess ?
V767	mod8_q812_06	refrigerator	discrete	numeric	12. How many of the following items does your household possess ?

V768	mod8_q812_07	watch	discrete	numeric	12. How many of the following items does your household possess ?
V769	mod8_q812_08	dvd player	discrete	numeric	12. How many of the following items does your household possess ?
V770	mod8_q812_09	mosquito net	discrete	numeric	12. How many of the following items does your household possess ?
V771	mod8_q812_10	clock	discrete	numeric	12. How many of the following items does your household possess ?
V772	mod8_q812_11	bicycle	discrete	numeric	12. How many of the following items does your household possess ?
V773	mod8_q812_12	computer	discrete	numeric	12. How many of the following items does your household possess ?
V774	mod8_q812_13	mobile telephone	discrete	numeric	12. How many of the following items does your household possess ?
V775	mod8_q812_14	car	discrete	numeric	12. How many of the following items does your household possess ?
V776	mod8_q812_15	washing machine	discrete	numeric	12. How many of the following items does your household possess ?
V777	mod8_q812_16	cupboard	discrete	numeric	12. How many of the following items does your household possess ?
V778	mod8_q812_17	motorcycle	discrete	numeric	12. How many of the following items does your household possess ?
V779	mod8_q822	how often was the hh member was hungry but did not eat because of lack of money	discrete	numeric	22. In the last 4 weeks, how often were you or any other household member hungry but did not eat because of lack of money or other resources ?
V780	mod8_q823	were you or any other household member hungry but did not eat because of lack of	discrete	numeric	23. In the last 12 months, were you or any other household member hungry but did not eat because of lack of money or other resources ?
V781	mod8_q824_01	skipping meals	discrete	numeric	24. How did you cope with the challenges in accessing foods ?
V782	mod8_q824_02	prioritizing who eats	discrete	numeric	24. How did you cope with the challenges in accessing foods ?
V783	mod8_q824_03	selling assets to buy foods	discrete	numeric	24. How did you cope with the challenges in accessing foods ?
V784	mod8_q824_04	getting loans, credit from shops	discrete	numeric	24. How did you cope with the challenges in accessing foods ?
V785	mod8_q824_05	reducing portions on quantity of foods	discrete	numeric	24. How did you cope with the challenges in accessing foods ?
V786	mod8_q824_06	rely on food aids from relatives, neighbors, friends, community-based organizati	discrete	numeric	24. How did you cope with the challenges in accessing foods ?
V787	mod8_q824_07	sending children to eat from other households or functions	discrete	numeric	24. How did you cope with the challenges in accessing foods ?
V788	mod8_q824_96	other	discrete	numeric	24. How did you cope with the challenges in accessing foods ?
V789	mod8_q824_96spy	other_specified	discrete	character	24. How did you cope with the challenges in accessing foods ?

## household\_midline\_endline\_midline

Content	The file contain data from;Identification
Cases	346
Variable(s)	7
Structure	Type: relational Keys: household_id(Household Id)
Version	Version 1.0
Producer	African population and health research center (APHRC)
Missing Data	na

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V790	household_id	Household Id	discrete	character	1.2. Household Code is: [q1_2]
V791	today	date of interview	discrete	character	na
V792	hhd_county	county	discrete	character	na
V793	village	village	discrete	character	na
V794	villagetype	type of the village	discrete	numeric	na
V795	hhd_intvwresult_final	interview result:final result	discrete	numeric	na
V796	hhd_intvwresult_final_spy	interview result:final result-specified	discrete	character	na

## household schedule\_midline

Content	The file contain data from; Module 2: HOUSEHOLD ROSTER
Cases	1736
Variable(s)	8
Structure	Type: relational Keys: household_id(Household Id), individual_id(ID of the individual)
Version	Version 1.0
Producer	African population and health research center (APHRC)
Missing Data	na

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V800	household_id	Household Id	discrete	character	1.2. Household Code is: [q1_2]
V801	individual_id	ID of the individual	discrete	character	na
V802	age	age (in years) of individual at last birthday	contin	numeric	2.3. What is [ [cen_member_name]'s] age? (Record age in YEARS)
V803	age_mths	age (in months) of individual at last birthday	contin	numeric	Age: [members_age]
V804	mod2_lineno	individual's line number in the household	discrete	numeric	na
V805	mod2_q202	gender of individual	discrete	numeric	2.2. What is the gender of [ [individualname] ]?
V806	mod2_q204	q204 individual relationship to household head	discrete	numeric	2.4. What is [ [persons_name] 's] relationship to the head of the household?
V807	mod2_q204_spy	q204 individual relationship to household head-specified	discrete	character	2.4. What is [ [individualname] 's] relationship to the head of the household?

## household social demographics\_midline

Content	The file contain data from; Module 3: SOCIO DEMOGRAPHICS
Cases	1736
Variable(s)	23
Structure	Type: relational Keys: household_id(Household Id), individual_id(ID of the individual)
Version	Version 1.0
Producer	African population and health research center (APHRC)
Missing Data	na

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V808	household_id	Household Id	discrete	character	1.2. Household Code is: [q1_2]
V809	individual_id	ID of the individual	discrete	character	na
V810	mod3_age	age (in years) of individual at last birthday	contin	numeric	age (in years) of individual at last birthday
V811	mod3_linen	individual's line number in the household	discrete	numeric	individual's line number in the household
V812	mod3_gender	gender of individual	discrete	numeric	gender of individual
V813	mod3_q301	ethnicity	discrete	numeric	1. What is [[mod3_name]'s] ethnicity ?
V814	mod3_q301_spy	ethnicity_specified	discrete	character	1. What is [[mod3_name]'s] ethnicity ?
V815	mod3_q302	religion	discrete	numeric	2. What is [[mod3_name]'s] religion ?
V816	mod3_q302_spy	religion_specified	discrete	character	2. What is [[mod3_name]'s] religion ?
V818	mod3_q303	individual older than 12 years	discrete	numeric	3. Is [[mod3_name]] 12 years or older?
V817	mod3_q303a	individual is pregnant/has a child	discrete	numeric	Is [[mod3_name]] currently pregnant or has a child who is less than 4 years old ?
V819	mod3_q304	individual marital status	discrete	numeric	4. What is [[mod3_name]'s] present marital status ?
V820	mod3_q304_spy	individual marital status	discrete	character	4. What is [[mod3_name]'s] present marital status ?
V821	mod3_q305_01	court	discrete	numeric	5. How is [ [mod3_name]'s] married ?
V822	mod3_q305_02	church/mosque	discrete	numeric	5. How is [ [mod3_name]'s] married ?
V823	mod3_q305_03	traditionally	discrete	numeric	5. How is [ [mod3_name]'s] married ?
V824	mod3_q305_96	other way	discrete	numeric	5. How is [ [mod3_name]'s] married ?
V825	mod3_q305_96spy	other way-specified	discrete	character	5. How is [ [mod3_name]'s] married ?
V826	mod3_q306	does spouse live in this household	discrete	numeric	Does [[mod3_name]'s] spouse live in this household?
V827	mod3_q307a_months	duration of stay in the community in months	discrete	numeric	7. How long has [[mod3_name]] been living in this community ?
V828	mod3_q307b_years	duration of stay in the community in years	discrete	numeric	7. How long has [[mod3_name]] been living in this community ?
V829	mod3_q308	father's id code	discrete	numeric	Does [ [mod3_name]'s] father live in this household?

V830	mod3_q309	mother's id code	discrete	numeric	Does [ [mod3_name]'s] mother live in this household?
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