

# Kenya - Evaluating a service model for management of hypertension and diabetes among low- and middle income patients enrolled on M-TIBA in Nairobi, Kenya, Ngao Ya Afya

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## Overview

### Identification

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#### ID NUMBER

DDI-KEN-APHRC-NgaoYaAfia-2018-v10

### Version

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#### VERSION DESCRIPTION

#### PRODUCTION DATE

2025-03-11

#### NOTES

N/A

## Overview

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#### ABSTRACT

##### Abstract

Background: Both hypertension (HTN) and diabetes represent two major risk factors for atherosclerotic cardiovascular diseases (CVD), the number one cause of death globally<sup>1</sup>

. Despite the

clear evidence that lowering blood pressure (BP) and blood sugar through lifestyle changes and drug treatment can greatly reduce the risk of CVD, HTN-control (defined as the proportion of people who reach their target for BP lowering) and diabetes control (defined as HbA1c<7%) is still poor.

Objective: aim to develop, implement and evaluate a model that improves BP and blood sugar control for patients and streamlines and partly finances the provision of hypertension and diabetes care for healthcare providers while potentially reducing cost and improving access to quality care

Methodology: The core of the model is the interaction between M-TIBA (a mobile health platform for financial inclusion in healthcare that enables people to save, send, receive and pay money for medical treatment through a mobile health wallet on their phone) and mobile phone application (Afya-pap) for patients and a patient tracker for healthcare providers, which will improve access and allow for home-based measuring and monitoring of BP and blood sugar in both low and middle socio economic status populations in Nairobi, Kenya. The project will test the acceptability of the mobile application and feasibility of integrating the mHealth model into clinical care, including the effectiveness in controlling BP and blood sugar respectively when patients receive regular text messages encouraging them to take measurements at home or using a mini-tracker calendar. For the text messaging

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behavioural intervention patients will be randomized to reminders on blood pressure measurements

in three arms (daily, weekly and no messages), and two arms for blood sugar measurements (weekly and no messages). Three surveys (baseline, midline and endline-6 months apart) will be conducted to estimate the proportion of patients with blood pressure and blood sugar controlled. The mini-tracker behavioural intervention will be conducted among patients and evaluated through one-group prepost design. Cost-effectiveness of the intervention will also be evaluated.

Duration and budget: The project will be undertaken for 2 years. Interviews will be conducted with healthcare providers and the patients. The total budget will be 151,688 USD

Conclusion: The outcomes of this project will inform the integration of the mHealth based service model into the daily routine of the participating clinics. This generation of real-time clinical data, will ensure easy translation into clinical practice, and will facilitate rapid scale-up.

#### UNITS OF ANALYSIS

-Hypertension and Diabetes patients

-Doctors

- Pharmacy staff

## Scope

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#### NOTES

The scope of the study includes; Introduction, Actions in response to COVID-19, Household impact of COVID-19, Tobacco and Alcohol use, Dietary diversity, Physical activity, Clinic visits, Occupational costs, Satisfaction with care & adherence, Underlying conditions, Treatment burden, Anthropometric measurements and blood pressure measurements for pregnant women

## Coverage

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#### GEOGRAPHIC COVERAGE

National ( Nairobi low and middle income)

#### UNIVERSE

Patients of Hypertension and Diabetes in low and middle socio economic parts of Nairobi

## Producers and Sponsors

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#### PRIMARY INVESTIGATOR(S)

| Name                      | Affiliation   |
|---------------------------|---|
| Catherine Kyobutungi, PhD | African Population and Health Research Center (APHRC) |

#### OTHER PRODUCER(S)

| Name               | Affiliation                                   | Role                      |
|--------------------|---|---------------------------|
| Gershim Asiki, PhD | African Population and Health Research Center | Co-Principal Investigator |

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|                       |   |                           |
|-----------------------|---|---------------------------|
| Herrmann Dounfet, PhD | African Population and Health Research Center | Co-Principal Investigator |
| Peter Otieno MPH      | African Population and Health Research Center | Co-Investigator           |
| Bonface Ingumba       | African Population and Health Research Center | Data Governance Officer   |

#### FUNDING

| Name   | Abbreviation | Role   |
|--|--------------|--------|
| Sanofi through PharmAccess   |              | Funder |
| Boehringer Ingelheim through PharmAccess<br>Boehringer Ingelheim through PharmAccess<br>Boehringer Ingelheim through PharmAccess |              | Funder |

## Metadata Production

#### METADATA PRODUCED BY

| Name  | Abbreviation | Affiliation | Role                     |
|---|--------------|-------------|--------------------------|
| African Population and Health Research Center | APHRC        | APHRC       | Documentation of the DDI |

#### DATE OF METADATA PRODUCTION

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#### DDI DOCUMENT VERSION

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#### DDI DOCUMENT ID

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## Sampling

### Sampling Procedure

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This will be a prospective cohort study with a pre-post design. It will be divided into two phases:

#### (i) Pilot phase

This will involve recruitment of patients on Afyapap and each patient followed for four months to assess the acceptability of and feasibility of using the service module and home based management of hypertension or diabetes. Within the cohort, we aim to test patient retention in care as primary outcome. However, secondary outcomes include the optimal frequency of home blood-pressure measurements and uptake of the behavioral intervention and patient satisfaction with the use of the applications. This pilot group will receive BP devices plus behavior intervention and measure their BP daily (to be recruited in October 2018) and followed for four months. Depending on the lessons learnt on the feasibility of scaling up, this group could be followed for one year. The lessons learnt from the pilot will provide insights into the scale up phase.

The patients will be screened for eligibility (the inclusion and exclusion criteria is outlined above). The reasons that patients are not eligible will be recorded. If patients are eligible, they will be asked to participate in the study. If patients are eligible and unwilling to participate in the study, they will be asked to fill out a short quantitative questionnaire describing their reasons for not participating, they will however not be forced to fill in the questionnaire. In the pilot phase, 500 eligible patients with hypertension or diabetes will be enrolled consecutively on to Afya pap and will be asked to monitor their BP daily or fasting blood sugar weekly if they have diabetes. This arm also contains a behavioral intervention in the form of reminders to measure their BP prior to each prescribed measurement and is treated as a pilot arm to examine the feasibility of the study procedures in the first 4 months.

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We additionally propose to pilot a behavioural intervention that entails using a mini-tracker by patients enrolled on Afyapap. The mini-tracker is a card including a small calendar, instructions on how to enter measurements into Afya Pap in the USSD platform, and a goal chart where patients can indicate their BP or blood glucose goal for the end of the month. The calendar will display one month's worth of days and times for which patients can indicate their measurement results after each reading. Every month new cards will be issued through patient group leaders while cards of their previous months are returned. Patients will also receive various reminders to measure, based on their chosen day and time of measuring during the onboarding phase. To determine the most effective source of messages on measurement adherence, we will provide reminders coming from their preferred clinic, their patient group leader, their chosen physician, or a family member of their choice. These more personalized messages serve to increase the patient's motivation to continue monitoring their blood pressure and/or blood sugar levels and to engage with the Afya pap platform.

Patients will also be assigned a patient group based on their geographic location. These groups exist to provide support to each patient through group discussions of chronic disease management, practice and information on measuring their BP or blood sugar, and social support through other patient members dealing with either HTN or Diabetes. We anticipate including approximately 1,000 Afya Pap users who are not receiving the SMS intervention and each will be followed for 6 months to test these iterations of the tracker. Based on previous research with providing calendars to help new or expectant mothers save for health insurance, we postulate that the tracker will provide a similar function for Afya Pap users and can be accomplished at a reduced cost compared to providing full annual calendars.

#### (ii) Scale up phase

After the learning from the pilot phase of 4 months, the subsequent enrolments will be randomized to two arms in the ratio of 1:1. The patients will be randomly assigned to 2 groups defined by frequency of measuring BP or blood sugar and the presence or absence of behavioral interventions. The study design is outlined in figures 2 and 3. In arm A, patients with hypertension or diabetes will be asked to monitor their BP or blood sugar weekly using a BP device or glucometer provided to them by the study team and will enter the measurements on afyapap. Patients with diabetes using smartphones will be provided with glucometers that are connected by a device that automatically relays blood sugar readings to the smartphone. Those with non-smartphones (feature phones) will use a USSD code to activate Afyapap and enter blood sugar measurements manually. Arm A has behavioral intervention in the form of weekly SMS reminders to increase adherence to BP or blood glucose measurements. In arm B devices will also be provided for measurement of BP and blood sugar at home, however the participants will choose when to take the measurements. There will be no SMS reminders to the

participants.

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### Study population

The study population will be lower income and middle income adult patients with HTN or diabetes or both, recruited from selected health facilities: divided into the two arms of the intervention. The patients will be selected based on the inclusion and exclusion criteria outlined before.

Description of the steps in enrolment and follow up.

Following randomization to one of the two study arms, day 0 of the study starts with a baseline study assessment and onboarding of the patient on M-TIBA and in the self-management application.

Healthcare providers or a study nurse will assist patients with installing the application on their smart phone, and instruct them in its use. During the patient set-up in the application, patients will complete a personal profile that allows for tailoring of the behavioral intervention.

Patients will then receive training in the use of a home based BP or blood sugar monitoring device.

Patients will be instructed to perform weekly BP measurements (or more, if national guidelines prescribe more frequent monitoring). Once at home and using the BP monitor, patients will enter their measurement results in the application. We will set up protocols for extreme BP and blood sugar values based on best practice and national guidelines.

### Study setting

The study will take place in health care clinics servicing the low and middle- income populations in Nairobi, Kiambu and Vihiga Counties in Kenya. The choice of this population is based the challenges of affording care and inability to enrol in private health insurance. But the patient population included will be those patients who have some means to afford HTN or diabetes treatment or who are not insured whose access can be enhanced through the financing model and home based management. There will be selected health facilities from Nairobi, Kiambu and Vihiga Counties in Kenya where patients will be enrolled from. The health facilities are; Langata hospital, Access Afya kwa Njenga clinic, Access Afya Taasia Clinic, Limuru Nursing Home, Kalimoni Mission Hospital, Coptic Mission Hospital, Kima Mission Hospital, Jumua Friends Kamusinga Hospital, Mungoma Hospital and St. Marys hospital. In the event that we will not be able to get the required sample in the nine health facilities, we will recruit more facilities. These facilities are purposely selected because they have patient populations of interest to the study, as informed by the experiences of PHARMACCESS. Currently, PharmAcces is rolling out the service model for management and financing hypeternsion in three counties (Nairobi, Kiambu and Vihiga) targeting approximately 4000 patients in total. Permission will also be sought from relevant authorities including local authorities, county and sub-county to allow entry into the selected health facilities in Nairobi, Kiambu and Vihiga counties. The evaluation will be conducted in a representative sample as shown below.

### Sample size calculation and recruitment

#### Sample size for patients with hypertension

From Van De Vijver et al. 10 's study, we estimate that among people who are in treatment, 50% were able to achieve glycemic control. We assume that the current intervention will increase the BP control by 20% in one year of follow-up. Thus, we posit a 20% meaningful difference, and 80% power with 5% level of significance (one-sided test) to detect that difference. Since our study design is a pre-post design, we estimate the sample size following Connor's study 64. The conservative necessary sample

size is 75 hypertensive patients per study arm. Furthermore, we assume a dropout rate of 20%, implying that the final sample size is 94 hypertensive patients to be recruited at the pre-intervention phase (baseline), and 94 hypertensive patients to be surveyed at the post-intervention phase (midline and end line) in each of the 3 selected counties. Hence for baseline, midline and end line, the total sample size required for patients with HTN is 282 (94×3) respondents at each time point. When it is not feasible to recruit the minimum number from a particular county, we will oversample in the other counties to achieve the required total sample.

Figure 2 represents the survey design and distribution of patients by study arm in each county

Figure 2 represents the survey design and distribution of hypertensive patients by study arm. Group A will receive the BP device plus behavior intervention and measure their BP daily (to be recruited from January 2019- scale up phase) and each patient followed for one year.

Group B will receive the BP device plus behavior intervention and measure their BP weekly (to be recruited from January 2019- scale up phase) and each patient followed for one year. Group C will receive the BP device no behavior intervention and measure their BP at their discretion (to be recruited from January 2019- scale up phase) and each patient followed for one year.

### Sample size and recruitment of patients with diabetes

In reference to a study by Otieno C et al.,<sup>22</sup> we estimate that among patients with diabetes who are in treatment, 30% were able to achieve glycemic control. We assume that the current intervention will

increase the BP control by 30% in one year of follow-up based on findings from a randomized control trial in 3 Low and Middle Income countries including Democratic Republic of Congo<sup>65</sup>. Thus, we posit a 30% meaningful difference, and 80% power with 5% level of significance (one-sided test) to detect that difference. Since our study design is a pre-post design, we estimate the sample size of 49 patients with diabetes per study arm. Furthermore, we assume a dropout rate of 20%, implying at baseline, midline and end line survey, 62 patients with diabetes will be enrolled in each arm, a total 124 (62X2) in each of the 3 counties at baseline, midline and endline surveys respectively. In the event that we can not get the minimum number of patients in a particular county, we will oversample in the other counties to achieve the total number required per survey round.

Figure 3 represents the survey design and distribution of diabetic patients by study arm. Group A will receive the glucometer device plus behavior intervention and measure their blood sugar weekly (to be recruited from January 2019- scale up phase) and each patient followed for one year. Group B will receive the glucometer device no behavior intervention and measure their blood sugar at their discretion (to be recruited from January 2019-scale up phase) and each patient followed for one year.

## 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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Digital questionnaire with following data:

demographics (age, sex), education, income, ethnicity, use of alcohol, smoking status, other CVD risk factors (physical inactivity and unhealthy diet), hours absence from work, travel costs to the clinic, adherence to drugs and medication adherence percentage (for patients already on treatment); data extraction from electronic health record if not available through digital questionnaire: co-morbidities, drug use (type, number of drugs, frequency), already receiving HTN care and physical examination done by the study nurse: height, weight, waist circumference, arm circumference, hip circumference, etc.

In-depth interviews and focus group discussions (FGDs) with purposively selected providers and a subset of the patients (those with the highest quartile of adherence to blood pressure or blood sugar and the lowest quartile of adherence) provided information on provider and patient experiences with the application.

## Data Collection

### Data Collection Dates

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| <b>Start</b> | <b>End</b> | <b>Cycle</b> |
|--------------|------------|--------------|
| 2018-09-17   | 2020-09-15 | N/A          |

### Data Collection Mode

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Face-to-face [f2f]

### Questionnaires

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Digital questionnaire with following data:

demographics (age, sex), education, income, ethnicity, use of alcohol, smoking status, other CVD risk factors (physical inactivity and unhealthy diet), hours absence from work, travel costs to the clinic, adherence to drugs and medication adherence percentage (for patients already on treatment); data extraction from electronic health record if not available through digital questionnaire: co-morbidities, drug use (type, number of drugs, frequency), already receiving HTN care and physical examination done by the study nurse: height, weight, waist circumference, arm circumference, hip circumference, etc.

In-depth interviews and focus group discussions (FGDs) with purposively selected providers and a subset of the patients (those with the highest quartile of adherence to blood pressure or blood sugar and the lowest quartile of adherence) provided information on provider and patient experiences with the application.

### Supervision

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Data collection was supervised by carefully trained team leaders and the research team. During fieldwork, data quality was enhanced 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 the data collected. The field supervisor certified the quality of the data through editing of the data before they were transferred to the database.

## Data Processing

### Data Editing

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Qualitative data were recorded and transcribed. Transcribed data was saved in word format and saved in a password protected computer for storage, audio-taped interviews were also labeled with the study identifier, rather than with names. The quantitative data collected through surveys at recruitment and during the research contained unique numbers for each patient, the data was collected by the health facility staff and analyzed by the research team. All study participants in this research were assigned unique study identifiers by the health facility to protect patient data confidentiality. The data will be accessible to both APHRC and the health facilities. The data has been stored in a computerized database and all study documentation and materials (including informed consent forms) stored in locked file cabinets when not in use at APHRC. Only project and assigned healthcare staff had access to the data.

Anonymized and aggregated data-insights were shared with the pharma-partner involved in this project, of which the project-management team is partly based in Kenya and partly based in France.

### Other Processing

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N/A

## Data Appraisal

### **Estimates of Sampling Error**

N/A

## **File Description**

## **Variable List**

## ngao ya afya (2)

|              |   |
|--------------|---|
| Content      | Digital questionnaire with following data: demographics (age, sex), education, income, ethnicity, use of alcohol, smoking status, other CVD risk factors (physical inactivity and unhealthy diet), hours absence from work, travel costs to the clinic, adherence to drugs and medication adherence percentage (for patients already on treatment); data extraction from electronic health record if not available through digital questionnaire: co-morbidities, drug use (type, number of drugs, frequency), already receiving HTN care and physical examination done by the study nurse: height, weight, waist circumference, arm circumference, hip circumference, etc. In-depth interviews and focus group discussions (FGDs) with purposively selected providers and a subset of the patients (those with the highest quartile of adherence to blood pressure or blood sugar and the lowest quartile of adherence) provided information on provider and patient experiences with the application. |
| Cases        | 1045  |
| Variable(s)  | 360   |
| Structure    | Type:<br>Keys: ()   |
| Version      | Version 1.0   |
| Producer     | African Population and Health Research Center   |
| Missing Data | N/A   |

## Variables

| ID  | NAME                 | LABEL                        | TYPE     | FORMAT    | QUESTION |
|-----|----------------------|------------------------------|----------|-----------|----------|
| V1  | contact              | contact                      | discrete | character | N/A      |
| V2  | hashed_phone         | phone_hash                   | discrete | character | N/A      |
| V3  | deviceid             |                              | discrete | character | N/A      |
| V4  | subscriberid         |                              | discrete | character | N/A      |
| V5  | simid                |                              | contin   | numeric   | N/A      |
| V6  | caseid               |                              | discrete | character | N/A      |
| V7  | devicephonenum       |                              | discrete | character | N/A      |
| V8  | duration             |                              | discrete | character | N/A      |
| V9  | accesscode           | LOGIN TO ACCESS SYSTEM       | discrete | numeric   | N/A      |
| V10 | is_diabetic_pre      |                              | discrete | character | N/A      |
| V11 | is_hypertensive_pre  |                              | discrete | character | N/A      |
| V12 | diagnosis_preloaded  |                              | discrete | character | N/A      |
| V13 | id_no                |                              | discrete | character | N/A      |
| V14 | dob_preloaded        |                              | discrete | character | N/A      |
| V15 | fullnames            |                              | discrete | character | N/A      |
| V16 | diagnosis_confirmed  | Please confirm the diagnosis | discrete | character | N/A      |
| V17 | erd_q1p2             | 1.2 FIELD OFFICER'S CODE     | discrete | character | N/A      |
| V18 | diagnosis            |                              | discrete | character | N/A      |
| V19 | is_diabetic          |                              | discrete | character | N/A      |
| V20 | is_hypertensive      |                              | discrete | character | N/A      |
| V21 | is_diabetic_text     |                              | discrete | character | N/A      |
| V22 | is_hypertensive_text |                              | discrete | character | N/A      |
| V23 | erd_q1p1             | 1.1 START TIME (24HRS)       | discrete | character | N/A      |

|     |               |  |          |           |  |
|-----|---------------|--|----------|-----------|--|
| V24 | facility      | 1.6 Enrollment Clinic  | discrete | numeric   | N/A  |
| V25 | facility_os   | 1.6 Other Specify  | discrete | character | N/A  |
| V26 | fw_name       |  | discrete | character | N/A  |
| V27 | dh_q1p9       | 1.9 Do you accept to participate in this study?                                  | discrete | numeric   | N/A  |
| V28 | dh_q1p10      | 1.10 Why don't you want to participate in this interview?                        | discrete | numeric   | N/A  |
| V29 | dh_q1p10_os   | 1.10 Other Specify ?   | discrete | character | N/A  |
| V30 | sex           | 1.1 Sex of the respondent  | discrete | numeric   | Sex of the respondent<br>Jinsia la mhojiwa   |
| V31 | dh_q1p4       | 1.4 What is your highest level of education?                                     | discrete | numeric   | What is your highest level of education? Kiwango chako cha juu zaidi ya elimu ni nini?   |
| V32 | dh_q1p5       | 1.5 What is your marital status?   | discrete | numeric   | What is your marital status? Nini hali yako ya ndoa?   |
| V33 | dh_q1p5_os    | 1.5 Other Specify ?  | discrete | character | What is your marital status? Nini hali yako ya ndoa? Others (SPECIFY)...   |
| V34 | dh_q1p6       | 1.6 What is your occupation?   | discrete | numeric   | What is your occupation? Kazi yako ni nini?  |
| V35 | dh_q1p6_os    | 1.6 Other ( Specify )  | discrete | character | What is your occupation? Kazi yako ni nini?  |
| V36 | dh_q2p1       | 2.1. Have you heard of COVID-19 or Coronavirus                                   | discrete | numeric   | Have you heard of COVID-19 or Coronavirus Je, umesikia kuhusu COVID-19 ama Coronavirus   |
| V37 | dh_q2p2       | 2.2. Have you been in close contact with someone confirmed to be infected with C | discrete | numeric   | Have you been in close contact with someone confirmed to be infected with COVID19 Je, umekua karibu na mtu aliyethibitishwa kuambukizwa na COVID19?  |
| V38 | dh_q2p3       | 2.3. If yes, where did you get in contact with this person?                      | discrete | numeric   | If yes, where did you get in contact with this person lkiwa ndio, je, ulikuwa na huyu mtu wapi?  |
| V39 | dh_q2p3_os    | 2.3. Other place ( Specify )   | discrete | character | If yes, where did you get in contact with this person lkiwa ndio, je, ulikuwa na huyu mtu wapi? Other (Specify)  |
| V40 | dh_q2p4_label | *****  | discrete | numeric   | Have you noticed any of the following over the last 14 days (select all that apply) Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita?  |
| V41 | dh_q2p4p1     | 2.4. 1-High temperature- ≥38C or subjective fever?                               | discrete | numeric   | Have you noticed any of the following over the last 14 days (select all that apply) Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita? High temperature- = 38C or subjective fever? |

|     |           |  |          |         |   |
|-----|-----------|--|----------|---------|---|
| V42 | dh_q2p4p2 | 2.4. 2- Persistent dry cough?  | discrete | numeric | Have you noticed any of the following over the last 14 days (select all that apply) Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita? Persistent dry cough?   |
| V43 | dh_q2p4p3 | 2.4. 3-Sore throat or pain when swallowing)                                      | discrete | numeric | Have you noticed any of the following over the last 14 days (select all that apply) Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita? Sore throat or pain when swallowing   |
| V44 | dh_q2p4p4 | 2.4. 4-Breathlessness or a difficulty breathing that you’ve noticed recently?    | discrete | numeric | Have you noticed any of the following over the last 14 days (select all that apply) Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita? Breathlessness or a difficulty breathing that you’ve noticed recently?        |
| V45 | dh_q2p4p5 | 2.4. 5-Pain in your body, especially your muscles hurting more than usual?       | discrete | numeric | Have you noticed any of the following over the last 14 days (select all that apply) Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita? Pain in your body, especially your muscles hurting more than usual?           |
| V46 | dh_q2p4p6 | 2.4. 6-Recent changes in your ability to taste or smell things?                  | discrete | numeric | Have you noticed any of the following over the last 14 days (select all that apply) Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita? Recent changes in your ability to taste or smell things?                      |
| V47 | dh_q2p4p7 | 2.4. 7- Unusual nausea or vomiting?  | discrete | numeric | Have you noticed any of the following over the last 14 days (select all that apply) Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita? Unusual nausea or vomiting?   |
| V48 | dh_q2p4p8 | 2.4. 8- Diarrhea?  | discrete | numeric | Have you noticed any of the following over the last 14 days (select all that apply) Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita? Diarrhea?   |
| V49 | dh_q2p4p9 | 2.4. 9-Feeling more tired/sleepy/unable to concentrate/physical weakness than us | discrete | numeric | Have you noticed any of the following over the last 14 days (select all that apply) Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita? Feeling more tired/sleepy/unable to concentrate/physical weakness than usual? |

|     |           |  |          |           |   |
|-----|-----------|--|----------|-----------|---|
| V50 | dh_q2p6   | 2.6. Have you been tested for COVID-19?  | discrete | numeric   | Have you been tested for COVID- 19? Je, umepata kipimo cha COVID19?   |
| V51 | dh_q2p7   | 2.7. Outcome of the test   | discrete | numeric   | Outcome of the test Matokeo   |
| V52 | dh_q2p8   | 2.8. Have you or members of your household changed anything you do as a result o | discrete | numeric   | Have you or members of your household changed anything you do as a result of hearing about COVID-19 or Coronavirus? Je, wewe au familia yako mmebadilisha chochote mlchokua mkifanya kutokana na COVID19?                                   |
| V53 | dh_q2p9   | 2.9. What things have you or your household changed as a result of hearing about | discrete | character | What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply) Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19?                          |
| V54 | dh_q2p9_1 |  | discrete | numeric   | What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply) Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19? Washed hands more often; |
| V55 | dh_q2p9_2 |  | discrete | numeric   | What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply) Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19? Avoiding crowded areas;  |
| V56 | dh_q2p9_3 |  | discrete | numeric   | What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply) Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19? Avoided social events    |
| V57 | dh_q2p9_4 |  | discrete | numeric   | What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply) Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19? Avoided taking taxis     |

|     |            |          |         |  |
|-----|------------|----------|---------|--|
| V58 | dh_q2p9_5  | discrete | numeric | What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply) Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19? Avoided going out                 |
| V59 | dh_q2p9_7  | discrete | numeric | What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply) Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19? Avoided going to work             |
| V60 | dh_q2p9_8  | discrete | numeric | What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply) Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19? Avoided travelling long distances |
| V61 | dh_q2p9_9  | discrete | numeric | What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply) Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19? Using face masks                  |
| V62 | dh_q2p9_10 | discrete | numeric | What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply) Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19? Wearing gloves                    |
| V63 | dh_q2p9_11 | discrete | numeric | What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply) Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19? Using hand sanitizer              |

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| V64 | dh_q2p9_12 |  | discrete | numeric   | What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply) Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19? Others (Specify other) |
| V65 | dh_q2p9_96 |  | discrete | numeric   | What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply) Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19? Others (Specify other) |
| V66 | dh_q2p9_os | 2.9. Other ( Specify )   | discrete | character | What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply) Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19? Others (Specify other) |
| V67 | dh_q2p10   | 2.10. How much do you feel you know about the COVID-19 pandemic?                 | discrete | numeric   | How much do you feel you know about the COVID-19 pandemic? Je, unahisi una ufahamu gani kuhusu janga la COVID19   |
| V68 | dh_q2p11   | 2.11. Over the past one month , have you wanted to access healthcare but have be | discrete | numeric   | Over the past seven days, have you wanted to access healthcare but have been unable to do so? Je, ulihitaji kupata huduma za afya katika muda wa siku saba zilizopita lakini hukuweza?  |
| V69 | dh_q2p12   | 2.12. Over the past one month , has your family been able to get all food and ot | discrete | numeric   | Over the past seven days, has your family been able to get all food and other household necessities they need?  |
| V70 | dh_q2p13   | 2.13. Over the past one month , have COVID-19 laws/regulations/rules affected th | discrete | numeric   | Over the past seven days, have COVID-19 laws/regulations/rules affected the ability of you or your household to earn money? Katika siku saba zilizopita, je! Sharia/kanuni za COVID19 zimeathiri uwezo wako au familia yako kupata pesa?  |

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| V71 | dh_q2p14    | 2.14. Which of the following statement is true regarding the ability of you or y | discrete | character | Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days?<br>Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita?  |
| V72 | dh_q2p14_1  |  | discrete | numeric   | Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days?<br>Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita? Someone in the household has lost a job      |
| V73 | dh_q2p14_2  |  | discrete | numeric   | Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days?<br>Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita? Someone in the household is on unpaid leave. |
| V74 | dh_q2p14_3  |  | discrete | numeric   | Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days?<br>Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita? Others (Specify)                             |
| V75 | dh_q2p14_4  |  | discrete | numeric   | Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days?<br>Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita? Others (Specify)                             |
| V76 | dh_q2p14_96 |  | discrete | numeric   | Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days?<br>Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita? Others (Specify)                             |

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| V77 | dh_q2p14_99 |   | discrete | numeric   | Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days? Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita? Others (Specify) |
| V78 | dh_q2p14_os | 2.14. Other ( Specify )   | discrete | character | Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days? Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita? Others (Specify) |
| V79 | dh_q2p15    | 2.15. What are you doing/planning to do as a result of this financial hardship? | discrete | character | What are you planning to do to as a result of this financial hardship? Je, unapanga kufanya nini kutokana na hali hii ngumu ya kifedha?   |
| V80 | dh_q2p15_1  |   | discrete | numeric   | What are you planning to do to as a result of this financial hardship? Je, unapanga kufanya nini kutokana na hali hii ngumu ya kifedha? Not pay bills that are due;   |
| V81 | dh_q2p15_2  |   | discrete | numeric   | What are you planning to do to as a result of this financial hardship? Je, unapanga kufanya nini kutokana na hali hii ngumu ya kifedha? Take out a loan;  |
| V82 | dh_q2p15_3  |   | discrete | numeric   | What are you planning to do to as a result of this financial hardship? Je, unapanga kufanya nini kutokana na hali hii ngumu ya kifedha? Skip meals  |
| V83 | dh_q2p15_4  |   | discrete | numeric   | What are you planning to do to as a result of this financial hardship? Je, unapanga kufanya nini kutokana na hali hii ngumu ya kifedha? Others  |
| V84 | dh_q2p15_96 |   | discrete | numeric   | What are you planning to do to as a result of this financial hardship? Je, unapanga kufanya nini kutokana na hali hii ngumu ya kifedha? Others  |

|     |                |  |          |           |   |
|-----|----------------|--|----------|-----------|---|
| V85 | dh_q2p15_os    | 2.15. Other plans ( Specify )  | discrete | character | What are you planning to do to as a result of this financial hardship? Je, unapanga kufanya nini kutokana na hali hii ngumu ya kifedha? Others  |
| V86 | dh_q2p16       | 2.16. Over the past seven days , have you had access to soap and water at home f | discrete | numeric   | Over the past seven days, have you had access to soap and water at home for hand hygiene? Je, katika siku saba zilizopita, umeweza kupata sabuni na maji nyumbani kwa usafi wa mkono?   |
| V87 | dh_q2p17       | 2.17. Over the past seven days , how often have you been bothered by having litt | discrete | numeric   | Over the past seven days, how often have you been bothered by having little interest or pleasure in doing things?   |
| V88 | dh_q2p18       | 2.18. Over the past seven days , how often have you been bothered by feeling dow | discrete | numeric   | Over the past seven days, how often have you been bothered by feeling down, depressed or hopeless? Je! Katika siku saba zilizopita, ni mara ngapi umesumbuliwa na kuhisi kuwa chini, kuwa na huzuni au kupoteza tumaini?                                  |
| V89 | dh_q2p19       | 2.19. Over the past seven days , how often have you been bothered by feeling ner | discrete | numeric   | Over the past seven days, how often have you been bothered by feeling nervous, anxious or on edge?  |
| V90 | dh_q2p20       | 2.20. Over the past seven days , how often have you been bothered by not being a | discrete | numeric   | Over the past seven days, how often have you been bothered by not be able to stop or control worrying. Katika siku saba zilizopita, mara ngapi umekuwa ukisumbuliwa na kutoweza kuacha au kudhibiti wasiwasi?   |
| V91 | dh_q2p21_label | *****  | discrete | numeric   | Which of the following affected you in managing your Chronic disease condition for which you have been seeking care (Tick all that apply) Ni yapi kati ya haya yalikuathiri katika kudhibiti hali yako ya magonjwa sugu ambayo umekua ukitafuta matibabu? |

|     |            |  |          |         |  |
|-----|------------|--|----------|---------|--|
| V92 | dh_q2p21p1 | 1-. Difficulty in securing appointments with a doctor                        | discrete | numeric | Which of the following affected you in managing your Chronic disease condition for which you have been seeking care (Tick all that apply) Ni yapi kati ya haya yalikuathiri katika kudhibiti hali yako ya magonjwa sugu ambayo umekua ukitafula matibabu? Difficulty in securing appointments with a doctor                        |
| V93 | dh_q2p21p2 | 2-. Hesitation in going out of home due to a health risk of COVID-19         | discrete | numeric | Which of the following affected you in managing your Chronic disease condition for which you have been seeking care (Tick all that apply) Ni yapi kati ya haya yalikuathiri katika kudhibiti hali yako ya magonjwa sugu ambayo umekua ukitafula matibabu? Hesitation in going out of home due to a health risk of COVID-19         |
| V94 | dh_q2p21p3 | 3-. Difficulty in buying infection control supplies such as sanitizer, masks | discrete | numeric | Which of the following affected you in managing your Chronic disease condition for which you have been seeking care (Tick all that apply) Ni yapi kati ya haya yalikuathiri katika kudhibiti hali yako ya magonjwa sugu ambayo umekua ukitafula matibabu? Difficulty in buying infection control supplies such as sanitizer, masks |
| V95 | dh_q2p21p4 | 4-. Difficulty seeking community and social services                         | discrete | numeric | Which of the following affected you in managing your Chronic disease condition for which you have been seeking care (Tick all that apply) Ni yapi kati ya haya yalikuathiri katika kudhibiti hali yako ya magonjwa sugu ambayo umekua ukitafula matibabu? Difficulty seeking community and social services                         |
| V96 | dh_q2p21p5 | 5-. Transport cost too high  | discrete | numeric | Which of the following affected you in managing your Chronic disease condition for which you have been seeking care (Tick all that apply) Ni yapi kati ya haya yalikuathiri katika kudhibiti hali yako ya magonjwa sugu ambayo umekua ukitafula matibabu? Transport cost too high  |

|      |            |  |          |         |   |
|------|------------|--|----------|---------|---|
| V97  | dh_q2p21p6 | 6-. Lack of money to buy medications   | discrete | numeric | Which of the following affected you in managing your Chronic disease condition for which you have been seeking care (Tick all that apply) Ni yapi kati ya haya yalikuathiri katika kudhibiti hali yako ya magonjwa sugu ambayo umekua ukitaafuta matibabu? Lack of money to buy medications |
| V98  | dh_q3p2    | 3.2. Have you ever smoked tobacco or used smokeless tobacco?                     | discrete | numeric | Have you ever smoked tobacco or used smokeless tobacco? Je! Umewahi kuvuta sigara au kutumia tumbaku usio na moshi?   |
| V99  | dh_q3p1    | 3.1. Do you currently use any tobacco products, such as cigarettes, cigars or pi | discrete | numeric | Do you currently use any tobacco products, such as cigarettes, cigars or pipes? Je! kwa sasa unatumia bidha zozote za tumbaku kama vile sigara, biri au bomba?  |
| V100 | dh_q3p3    | 3.3. In the last 12 months , how frequently have you had at least one alcoholic  | discrete | numeric | In the last 12 months, how frequently have you had at least one alcoholic drink? Katika miezi 12 iliyopita, ni mara ngapi umetumia angalau aina moja ya kileo?  |
| V101 | dh_q4p1    | 4.1. In a typical week, how many servings of fruit do you usually eat?           | contin   | numeric | In a typical week, how many servings of fruit do you usually eat? (No. of servings)   |
| V102 | dh_q4p2    | 4.2. In a typical week, how many servings of vegetables do you usually eat?      | contin   | numeric | In a typical week, how many servings of vegetables do you usually eat? (No. of servings) Je! Unakula mboga mara ngapi katika wiki ya kawaida?   |
| V103 | dh_q4p3    | 4.3. How often is salt, salty seasoning or salty sauces added in cooking or prep | discrete | numeric | How often is salt, salty seasoning or salty sauces added in cooking or preparing foods in your household Ni mara ngapi chumvi hutumika katika mapishi nyumbani kwako?   |
| V104 | dh_q4p4    | 4.4. How often do you add salt, salty seasoning or salty sauces on food on the t | discrete | numeric | How often do you add salt, salty seasoning or salty sauces on food on the table? Ni mara ngapi huwa unaongeza chumvi kwa chakula mezani?  |

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|------|----------|--|----------|---------|---|
| V105 | dh_q4p5  | 4.5. How often do you eat processed foods high in salt ? By processed food high  | discrete | numeric | How often do you eat processed foods high in salt? By processed food high in salt I mean foods that have been altered from their natural state, such as packaged salty snacks, canned salty foods including pickles and preserves, salty food prepared at a fast food restaurant, chees, bacon and processed meat. Ni mara ngapi wewe hula vyakula vilivyo na kiwango cha juu cha chumvi? Hivi namaanisha vyakula vilivyobadilishwa hali yao ya asili kama vile vyakula vilivyo na vihifadhi, vyakula vinavyotayarishwa mkahawani vilivyo na kiwango cha juu cha chumvi, cheese, bacon na nyama ya kushindikwa? |
| V106 | dh_q4p5i | 4.5. How often do you add sugar to your beverages right before you drink them or | discrete | numeric | How often do you add sugar to your beverages right before you drink them or as you are drinking them? (SELECT ONLY ONE) Ni mara ngapi wewe huongeza sukari kwenye vinywaji vyako kabla au unapovinywa?  |
| V107 | dh_q4p6  | 4.6. In a typical week how many (+-300 ml) bottles of soda (like fanta, coca col | contin   | numeric | In a typical week how many 300 ml bottles of soda (like fanta, coca cola, Afya or other sugary drinks) do you drink? Je, kwa wiki ya kawaida unakunywa chupa ngapi ya 300 ml?   |
| V108 | dh_q4p7  | 4.7. How often do you eat processed food high in sugar ? By processed food high  | discrete | numeric | How often do you eat processed food high in sugar? By processed food high in sugar, I mean biscuits, wafers, cakes, candy, sweets and chocolate and alike? Je! Unakula vyakula vilivyo na kiwango cha juu cha sukari mara ngapi?  |

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|------|-----------|--|----------|-----------|--|
| V109 | dh_q5p1   | 5.1. In the past week, on how many days have you done a total of 30 minutes or m | discrete | numeric   | In the past week, on how many days have you done a total of 30 minutes or more of physical activity, which was enough to raise your breathing rate? This may include sport, exercise, and brisk walking or cycling for recreation or to get to and from places, but should not include housework or physical activity that may be part of your job. Katika wiki iliyopita, ni siku ngapi umefanya jumla ya dakika 30 au zaidi ya mazoezi ya mwili, ambayo yalitisha kuongeza kiwango chako cha kupumua? Hii inaweza kujumuisha michezo, mazoezi na kutembea kwa kasi au baisikeli kwa burudani au kufika na kutoka mahali, lakini haipaswi kujumuisha kazi ya nyumbani au shughuli za mazoezi ambazo zinaweza kuwa sehemu ya kazi yako |
| V110 | dh_q6p1   | 6.1. In the past 6 months , on average, how many times have you sought healthcar | contin   | numeric   | In the past 6 months, on average, how many times have you sought healthcare for any cardiovascular disease at this primary healthcare facility? Je, kwa kipindi cha miezi 6 zilizopita, kwa wastani, ni mara ngapi umetafuta matibabu dhidi ya ugonjwa wa moyo na mishipa katika kituo hiki cha afya?  |
| V111 | dh_q6p2   | 6.2. Have you been in a situation in the past 6 months that you could not obtain | discrete | numeric   | Were all the medications you needed available at this facility? Ulipata dawa zote ulizohitaji katika kituo hiki?   |
| V112 | dh_q6p3   | 6.3. What were the reasons why you were unable to obtain the medications that yo | discrete | character | Why were you unable to obtain the medicines from your primary during the most recent related visit? Mbona hukupata dawa hizo mara ya mwisho ulipotembelea kituoni?   |
| V113 | dh_q6p3_1 |  | discrete | numeric   | Why were you unable to obtain the medicines from your primary during the most recent related visit? Mbona hukupata dawa hizo mara ya mwisho ulipotembelea kituoni? Too expensive   |

|      |                   |  |          |           |  |
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| V114 | dh_q6p3_2         |  | discrete | numeric   | Why were you unable to obtain the medicines from your primary during the most recent related visit?<br>Mbona hukupata dawa hizo mara ya mwisho ulipotembelea kituoni?<br>Medicine(s) not in stock  |
| V115 | dh_q6p3_96        |  | discrete | numeric   | Why were you unable to obtain the medicines from your primary during the most recent related visit?<br>Mbona hukupata dawa hizo mara ya mwisho ulipotembelea kituoni?<br>Referred elsewhere by the medical professional                  |
| V116 | dh_q6p3_os        | 6.3. Other reason ( Specify )  | discrete | character | Why were you unable to obtain the medicines from your primary during the most recent related visit?<br>Mbona hukupata dawa hizo mara ya mwisho ulipotembelea kituoni?<br>Other (Specify)   |
| V117 | dh_q6p4           | 6.4. How far away do you live from your primary healthcare facility ?            | discrete | numeric   | How far away do you live from your primary health facility? Je, unaishi umbali wa kiasi gani na kituo chako cha afya?  |
| V118 | dh_q6p5           | 6.5. Can you please mention the most common form of transport you often use to g | discrete | numeric   | Can you please mention the most common form of transport you often use to go to your primary facility<br>Wewe hutumia mbinu gani mara nyingi kufika kituoni humu?  |
| V119 | dh_q6p5_os        | 6.5. Other form of transport ( Specify )   | discrete | character | Can you please mention the most common form of transport you often use to go to your primary facility<br>Wewe hutumia mbinu gani mara nyingi kufika kituoni humu? Other (Specify)_   |
| V120 | dh_q6p6           | 6.6. How long does it take for you to get to your primary healthcare facility?   | contin   | numeric   | How long does it take for you to get to your primary facility? Inakuchukua takriban muda wa kiasi gani kufika kituoni chako cha afya?  |
| V121 | dh_q6p6_time_unit | 6.6. Unit  | discrete | numeric   | Estimated Hours:  __ __ <br>Estimated minutes __ __  |
| V122 | dh_q6p7           | 6.7. During the past 6 months , was there ever a time that you felt you needed m | discrete | numeric   | During the past 12 months, was there ever a time that you felt you needed medical help (examination or treatment) but you did not receive it?" Kwa miezi 12 zilizopita, je, kuna wakati ulihisi kuwa unahitaji matibabu lakini hukupata? |

|      |               |  |          |         |  |
|------|---------------|--|----------|---------|--|
| V123 | dh_q6p8_label | *****  | discrete | numeric | Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)<br>Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?  |
| V124 | dh_q6p8p1     | 1. Fear of the risk of contracting Covid 19 in the facility. | discrete | numeric | Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)<br>Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?<br>Fear of the risk of contracting Covid 19 in the facility. |
| V125 | dh_q6p8p2     | 2. Curfew and other Covid 19 bans on travel                  | discrete | numeric | Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)<br>Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?<br>Curfew and other Covid 19 ban on travel                   |
| V126 | dh_q6p8p3     | 3. lacked transport (or money for transport)                 | discrete | numeric | Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)<br>Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?<br>lacked transport (or money for transport)                 |
| V127 | dh_q6p8p4     | 4. I was too sick to move                                    | discrete | numeric | Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)<br>Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?<br>Because I was too sick to walk                            |

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|------|-----------|--|----------|---------|--|
| V128 | dh_q6p8p5 | 5. Medication / drugs were out of stock              | discrete | numeric | Which of the following would you describes why you did not access healthcare when you should haveaccessed? (circle all those that apply)<br>Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo? I was told there were no drugs                    |
| V129 | dh_q6p8p6 | 6. Treated badly by the health workers on last visit | discrete | numeric | Which of the following would you describes why you did not access healthcare when you should haveaccessed? (circle all those that apply)<br>Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo? Treated badly by the health workers on last visit |
| V130 | dh_q6p8p7 | 7. I visited a traditional healer                    | discrete | numeric | Which of the following would you describes why you did not access healthcare when you should haveaccessed? (circle all those that apply)<br>Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo? I visited a traditional healer                    |
| V131 | dh_q6p8p8 | 8. I used traditional herbs                          | discrete | numeric | Which of the following would you describes why you did not access healthcare when you should haveaccessed? (circle all those that apply)<br>Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo? I used traditional herbs                          |
| V132 | dh_q6p8p9 | 9. I bought drugs from a pharmacy                    | discrete | numeric | Which of the following would you describes why you did not access healthcare when you should haveaccessed? (circle all those that apply)<br>Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo? I bought drugs from a pharmacy                    |

|      |                 |  |          |           |  |
|------|-----------------|--|----------|-----------|--|
| V133 | dh_q6p8p10      | 10 Other reasons ( Specify )   | discrete | numeric   | Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)<br>Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?<br>Other reasons (specify) |
| V134 | dh_q6p8p10_os   | 6.8. Other reasons ( Specify )   | discrete | character | Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)<br>Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?<br>Other reasons (specify) |
| V135 | dh_q6p9_hrs     | Hours  | contin   | numeric   | On your last clinic visit, how long did you wait between arriving at the facility and receiving medical attention? Ulisubiri muda wa kiasi gani tangu ulipofika kituoni na kupata matibabu? _Hours   |
| V136 | dh_q6p9_minutes | Minutes  | contin   | numeric   | On your last clinic visit, how long did you wait between arriving at the facility and receiving medical attention? Ulisubiri muda wa kiasi gani tangu ulipofika kituoni na kupata matibabu? Minutes  |
| V137 | dh_q6p10        | 6.10 In the past 6 months , How often did your doctor or other health service pr | discrete | numeric   | N/A  |
| V138 | dh_q6p11        | 6.11 In general, How often do you think the doctors that you communicate with, u | discrete | numeric   | N/A  |
| V139 | dh_q6p12        | 6.12 How often did your doctor or other health service providers such as nurses, | discrete | numeric   | N/A  |
| V140 | dh_q6p13        | 6.13 How often do you think other health care providers than your doctor such as | discrete | numeric   | N/A  |
| V141 | dh_q6p14        | 6.14 In the past 6 months, how often has a health service provider like either y | discrete | numeric   | N/A  |
| V142 | dh_q6p15        | 6.15 Thinking back about the care you received in the past 6 months, How often d | discrete | numeric   | N/A  |
| V143 | dh_q6p16        | How often did you ever leave your doctor's office                                | discrete | numeric   | N/A  |

|      |         |   |          |         |   |
|------|---------|---|----------|---------|---|
| V144 | dh_q7p1 | 7.1. How many days did you miss work in the last 4 weeks as a result of your \$ { | contin   | numeric | How many days did you miss work in the last 4 weeks as a result of your diabetic or hypertensive condition? (Only count the missed work days in the last 4 weeks) (Only asked if employed on a payed work) Je, ni siku ngapi ulikosa kwenda kazini kwa kipindi cha wiki nne zilizopita kutokana na hali yako ya kisukari au shinikizo la damu   |
| V145 | dh_q7p2 | 7.2. How many days at work were you bothered by physical or psychological proble  | contin   | numeric | How many days at work were you bothered by physical or psychological problems? (Only count the days at work in the last 4 weeks) Je, ni siku ngapi kazini ulisumbuliwa na shida ya kisaikolojia au kimwili?   |
| V146 | dh_q7p3 | 7.3. On the days that you were bothered by physical or psychological problems re  | discrete | numeric | On the days that you were bothered by physical or psychological problems, how much work could you do on average? 0 - 10 Je, kwa hizi siku ulikuwa na tatizo ya kimwili au kisaikolojia, uliweza kufanya kazi kiasi gani kwa wastani?  |
| V147 | dh_q7p4 | 7.4. How many days were you forced to do less unpaid work because of physical or  | contin   | numeric | How many days were you forced to do less unpaid work because of physical or psychological problems? Only count the days in the last 4 weeks. Je, ni siku ngapi ulilazimika kufanya kazi kidogo isiyo na malipo kwa sababu ya matatizo yako ya kimwili au kisaikolojia? Hesabu siku kaika wiki 4 zilizopita  |
| V148 | dh_q7p5 | 7.5. Imagine that somebody , for example your partner, family member or friend h  | contin   | numeric | Imagine that somebody, for example your partner, family member or friend helped you on these days, and he or she did all the work that you were unable to do for you. How many hours on average did that person spend doing this on these days? Fikiria kwamba mtu, kwa mfano mchumba wako, mtu yeyote katika familia au rafiki alikusaidia katika siku hizi, na akazifanya kazi zote hungewezafanya mwenyewe. Alichukua masaa mangapi kwa wastani kufanya kazi hizi? |

|      |           |  |          |           |  |
|------|-----------|--|----------|-----------|--|
| V149 | dh_q8p1   | 8.1. How satisfied are you with the care you have received for your hypertension | discrete | numeric   | How satisfied are you with the care you have received for your hypertension and/or diabetes at the clinic over the past 3 months? The level of satisfaction the respondent have over the care he/she have received for his/her hypertension and/or diabetes at the clinic over the past 3 months |
| V150 | dh_q8p2   | 8.2. How satisfied are you with the self-monitoring service Afya Pap (service on | discrete | numeric   | How satisfied were you with the self-monitoring service Afya Pap?  |
| V151 | dh_q8p21a | 8.21 a Did you receive a blood pressure machine during enrollment in Ngao Ya Afy | discrete | numeric   | N/A  |
| V152 | dh_q8p22a | 8.22a Did you receive a glucometer during enrollment in Ngao Ya Afya ?           | discrete | numeric   | N/A  |
| V153 | dh_q8p21  | 8.21 Do you currently have a functional blood pressure machine?                  | discrete | numeric   | N/A  |
| V154 | dh_q8p22  | 8.22 Do you currently have a functional glucometer?                              | discrete | numeric   | N/A  |
| V155 | dh_q8p4   | 8.4. How many days during the last week did you take your hypertension medicatio | discrete | numeric   | How many days during the last week did you take your hypertension medications? (0-7)   |
| V156 | dh_q8p5   | 8.5. How many days during the last week did you take your diabetes medications?  | discrete | numeric   | How many days during the last week did you take your diabetes medications? (0-7)   |
| V157 | dh_q8p6   | 8.6. In the past month, how often did you measure your blood pressure values at  | discrete | numeric   | In the past month, how often did you measure your blood pressure values?   |
| V158 | dh_q8p7   | 8.7. In the past month, how many times have you failed to relay your blood press | contin   | numeric   | In the past month, how many times have you failed to relay your blood pressure measurements through your phone   |
| V159 | dh_q8p8   | 8.8. What challenges have you faced in relaying your blood pressure measurements | discrete | character | What challenges have you faced in relaying your blood pressure measurements? List  |
| V160 | dh_q8p9   | 8.9. In the past month, How often did you measure your blood sugar values?       | discrete | numeric   | In the past month, how often did you measure your blood sugar values?  |
| V161 | dh_q8p10  | 8.10. In the past month, how many times have you failed to relay your blood suga | contin   | numeric   | In the past month, how many times have you failed to relay your blood sugar measurements through your phone  |
| V162 | dh_q8p11  | 8.11. What challenges have you faced in relaying your blood sugar measurements ? | discrete | character | What challenges have you faced in relaying your blood sugar measurements? List   |
| V163 | dh_q8p12  | 8.12 In the past one year have you ever participated in a peer group to help you | discrete | numeric   | N/A  |

|      |             |  |          |           |  |
|------|-------------|--|----------|-----------|--|
| V164 | dh_q8p13    | 8.13 How often have you been participating in peer support groups in the past on | discrete | numeric   | N/A  |
| V165 | dh_q8p13_os | 8.13 Other frequency (Specify)   | discrete | character | N/A  |
| V166 | dh_q8p14    | 8.14 Why haven't you joined any peer group?                                      | discrete | character | N/A  |
| V167 | dh_q8p14_1  |  | discrete | numeric   | N/A  |
| V168 | dh_q8p14_2  |  | discrete | numeric   | N/A  |
| V169 | dh_q8p14_3  |  | discrete | numeric   | N/A  |
| V170 | dh_q8p14_4  |  | discrete | numeric   | N/A  |
| V171 | dh_q8p14_96 |  | discrete | numeric   | N/A  |
| V172 | dh_q8p14_os | 8.14 Other reason (Specify)  | discrete | character | N/A  |
| V173 | dh_q9_label | *****  | discrete | numeric   | Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions   |
| V174 | dh_q9p2     | 9.2. Asthma  | discrete | numeric   | Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions<br>Asthma                                     |
| V175 | dh_q9p3     | 9.3. Cardiac disease   | discrete | numeric   | Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions.<br>Cardiac disease                           |
| V176 | dh_q9p4     | 9.4. Chronic liver disease   | discrete | numeric   | Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions<br>Chronic liver disease                      |
| V177 | dh_q9p4p1   | 9.4.1 Chronic kidney disease   | discrete | numeric   | Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions<br>Chronic kidney disease                     |
| V178 | dh_q9p5     | 9.5. Chronic neurological/neuromuscular disease                                  | discrete | numeric   | Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions<br>Chronic neurological/neuromuscular disease |
| V179 | dh_q9p6     | 9.6. COPD/Chronic pulmonary disease  | discrete | numeric   | Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions<br>COPD/Chronic pulmonary disease             |
| V180 | dh_q9p6p1   | 9.6.1 HIV/AIDs   | discrete | numeric   | N/A  |
| V181 | dh_q9p6p2   | 9.6.2 Mental illness   | discrete | numeric   | N/A  |

|      |            |   |          |           |   |
|------|------------|---|----------|-----------|---|
| V182 | dh_q9p6p3  | 9.6.3 Cancer  | discrete | numeric   | N/A   |
| V183 | dh_q9p6p4  | 9.6.4 Tuberculosis (TB)   | discrete | numeric   | N/A   |
| V184 | dh_q9p7    | 9.7. Other Chronic illness  | discrete | numeric   | Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions Other (Chronic illness) Please specify   |
| V185 | dh_q9p7_os | 9.7. Other Chronic illness ( Specify )                                    | discrete | character | Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions Other (Chronic illness) Please specify   |
| V186 | dh_q9p8p1  | 9.8.1. Taking lots of medications   | discrete | numeric   | We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you) Taking lots of medications The level of difficulty the respondent had with taking lots of medication |
| V187 | dh_q9p8p2  | 9.8.2. Remembering how and when to take medication                        | discrete | numeric   | We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you) Remembering how and when to take medication  |
| V188 | dh_q9p8p3  | 9.8.3. Paying for prescriptions, over the counter medication or equipment | discrete | numeric   | We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you) Paying for prescriptions, over the counter medication or equipment                                   |

|      |           |  |          |         |   |
|------|-----------|--|----------|---------|---|
| V189 | dh_q9p8p4 | 9.8.4. Collecting prescription medication  | discrete | numeric | We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you) Collecting prescription medication   |
| V190 | dh_q9p8p5 | 9.8.5. Monitoring your medical conditions (e.g. checking your blood pressure or  | discrete | numeric | We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you) Monitoring your medical conditions (e.g. checking your blood pressure or blood sugar, monitoring your symptoms etc.) |
| V191 | dh_q9p8p6 | 9.8.6. Arranging appointments with health professionals                          | discrete | numeric | We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you) Arranging appointments with health professionals   |
| V192 | dh_q9p8p7 | 9.8.7. Seeing lots of different health professionals                             | discrete | numeric | We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you) Seeing lots of different health professionals  |
| V193 | dh_q9p8p8 | 9.8.8. Attending appointments with health professionals (e.g. getting time off w | discrete | numeric | We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you) Attending appointments with health professionals (e.g. getting time off work, arranging transport etc.)              |

|      |            |  |          |         |   |
|------|------------|--|----------|---------|---|
| V194 | dh_q9p8p9  | 9.8.9. Getting health care in the evenings and at weekends                       | discrete | numeric | We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you)<br>Getting health care in the evenings and at weekends                             |
| V195 | dh_q9p8p10 | 9.8.10. Getting help from community services (e.g. physiotherapy, district nurse | discrete | numeric | We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you)<br>Getting help from community services (e.g. physiotherapy, district nurses etc.) |
| V196 | dh_q9p8p11 | 9.8.11. Obtaining clear and up-to date information about your condition          | discrete | numeric | We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you)<br>Obtaining clear and up-to date information about your condition                 |
| V197 | dh_q9p8p12 | 9.8.12. Having to rely on help from family and friends                           | discrete | numeric | We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you)<br>Having to rely on help from family and friends                                  |
| V198 | sys1       | Systolic 1   | contin   | numeric | Blood pressure measurement 1  |
| V199 | dys1       | Diastolic 1  | contin   | numeric | Blood pressure measurement 1  |
| V200 | pul_1      | pulse 1  | contin   | numeric | N/A   |
| V201 | sys2       | Systolic 2   | contin   | numeric | Blood pressure measurement 2  |
| V202 | dys2       | Diastolic 2  | contin   | numeric | Blood pressure measurement 2  |
| V203 | pul_2      | pulse 2  | contin   | numeric | N/A   |
| V204 | sys3       | Systolic 3   | contin   | numeric | N/A   |

|      |                    |  |          |           |                                     |
|------|--------------------|--|----------|-----------|-------------------------------------|
| V205 | dys3               | Diastolic 3  | contin   | numeric   | N/A                                 |
| V206 | pul_3              | pulse 3  | contin   | numeric   | N/A                                 |
| V207 | dh_q11p8           | 11.8. Have you eaten anything in the last 8 hours?               | discrete | numeric   | Eaten anything in the last 8 hours? |
| V208 | dh_q11p9           | 11.9. Blood glucose  | contin   | numeric   | N/A                                 |
| V209 | dh_q16p2           | 16.2 FW: RECORD QUESTIONS AND COMMENTS RAISED BY THE RESPONDENTS | discrete | character | N/A                                 |
| V210 | dh_q16p3           | 16.3 END TIME (24HOURS)  | discrete | character | N/A                                 |
| V211 | js_hh_tl_consent   | Are you the TL?  | discrete | numeric   | N/A                                 |
| V212 | passcode           | TL's Secret Code   | discrete | character | N/A                                 |
| V213 | tl_end_time        | END TIME   | discrete | numeric   | N/A                                 |
| V214 | tl_edited          | Mark Complete  | discrete | numeric   | N/A                                 |
| V215 | sensitive_passcode |  | discrete | character | N/A                                 |
| V216 | instancename       | instanceName   | discrete | character | N/A                                 |
| V217 | formdef_version    | Form version used on device                                      | contin   | numeric   | N/A                                 |
| V218 | key                | Unique submission ID   | discrete | character | N/A                                 |
| V219 | submissiondate     | Date/time submitted  | contin   | numeric   | N/A                                 |
| V220 | start              |  | contin   | numeric   | N/A                                 |
| V221 | end                |  | contin   | numeric   | N/A                                 |
| V222 | today              |  | discrete | character | N/A                                 |
| V223 | erd_q1p3           | 1.3 DATE OF INTERVIEW (DD/MM/YYYY)                               | discrete | character | N/A                                 |
| V224 | dh_q2p5            | 2.5. What was date of the first symptom ?                        | discrete | character | N/A                                 |
| V225 | tl_date            | TL Date  | discrete | character | N/A                                 |
| V226 | dh_q9p8p1_new      |  | discrete | numeric   | N/A                                 |
| V227 | dh_q9p8p2_new      |  | discrete | numeric   | N/A                                 |
| V228 | dh_q9p8p4_new      |  | discrete | numeric   | N/A                                 |
| V229 | dh_q9p8p5_new      |  | discrete | numeric   | N/A                                 |
| V230 | dh_q9p8p6_new      |  | discrete | numeric   | N/A                                 |
| V231 | dh_q9p8p7_new      |  | discrete | numeric   | N/A                                 |
| V232 | dh_q9p8p8_new      |  | discrete | numeric   | N/A                                 |
| V233 | dh_q9p8p10_new     |  | discrete | numeric   | N/A                                 |
| V234 | dh_q9p8p11_new     |  | discrete | numeric   | N/A                                 |
| V235 | dh_q9p8p12_new     |  | discrete | numeric   | N/A                                 |
| V236 | mtbq1              |  | discrete | numeric   | N/A                                 |
| V237 | mtbq2              |  | discrete | numeric   | N/A                                 |
| V238 | mtbq3              |  | discrete | numeric   | N/A                                 |
| V239 | mtbq4              |  | discrete | numeric   | N/A                                 |
| V240 | mtbq5              |  | discrete | numeric   | N/A                                 |
| V241 | mtbq6              |  | discrete | numeric   | N/A                                 |
| V242 | mtbq7              |  | discrete | numeric   | N/A                                 |
| V243 | mtbq8              |  | discrete | numeric   | N/A                                 |

|      |                       |          |           |     |
|------|-----------------------|----------|-----------|-----|
| V244 | mtbq9                 | discrete | numeric   | N/A |
| V245 | mtbq10                | discrete | numeric   | N/A |
| V246 | mtbq1_score           | contin   | numeric   | N/A |
| V247 | mtbq2_score           | contin   | numeric   | N/A |
| V248 | mtbq3_score           | contin   | numeric   | N/A |
| V249 | mtbq4_score           | contin   | numeric   | N/A |
| V250 | mtbq5_score           | contin   | numeric   | N/A |
| V251 | mtbq6_score           | contin   | numeric   | N/A |
| V252 | mtbq7_score           | contin   | numeric   | N/A |
| V253 | mtbq8_score           | contin   | numeric   | N/A |
| V254 | mtbq9_score           | contin   | numeric   | N/A |
| V255 | mtbq10_score          | contin   | numeric   | N/A |
| V256 | mtbq_avg              | contin   | numeric   | N/A |
| V257 | global_mtbq           | discrete | numeric   | N/A |
| V258 | follow_sugar          | contin   | numeric   | N/A |
| V259 | follow_fasting_sugar  | contin   | numeric   | N/A |
| V260 | follow_random_sugar   | contin   | numeric   | N/A |
| V261 | sugar_measurements    | discrete | numeric   | N/A |
| V262 | dm_control            | discrete | numeric   | N/A |
| V263 | follow_Systolic       | contin   | numeric   | N/A |
| V264 | follow_Diastolic      | contin   | numeric   | N/A |
| V265 | pressure_measurements | discrete | numeric   | N/A |
| V266 | follow_hcontrol       | discrete | numeric   | N/A |
| V267 | multimorbidity        | discrete | numeric   | N/A |
| V268 | birth_date            | discrete | character | N/A |
| V269 | birthdate_n           | contin   | numeric   | N/A |
| V270 | survey_date           | discrete | character | N/A |
| V271 | birth                 | discrete | numeric   | N/A |
| V272 | date1                 | discrete | character | N/A |
| V273 | age                   | contin   | numeric   | N/A |
| V274 | education_level_c     | discrete | numeric   | N/A |
| V275 | education_level       | discrete | numeric   | N/A |
| V276 | employ                | discrete | numeric   | N/A |
| V277 | marital               | discrete | numeric   | N/A |
| V278 | integration_1         | discrete | numeric   | N/A |
| V279 | integration_2         | discrete | numeric   | N/A |
| V280 | integration_3         | discrete | numeric   | N/A |
| V281 | integration_4         | discrete | numeric   | N/A |
| V282 | integration_5         | discrete | numeric   | N/A |
| V283 | integration_7         | discrete | numeric   | N/A |
| V284 | integration_6         | discrete | numeric   | N/A |
| V285 | integration_score     | contin   | numeric   | N/A |

|      |                      |                      |          |           |     |
|------|----------------------|----------------------|----------|-----------|-----|
| V286 | integration_cate     |                      | discrete | numeric   | N/A |
| V287 | date_created         | date_created         | discrete | character | N/A |
| V288 | status               | status               | discrete | character | N/A |
| V289 | AccountStatus        | AccountStatus        | discrete | character | N/A |
| V290 | name                 | name                 | discrete | character | N/A |
| V291 | V291                 | Diagnosis            | discrete | character | N/A |
| V292 | Arm                  | Arm                  | discrete | character | N/A |
| V293 | H                    |                      | discrete | character | N/A |
| V294 | study_arm            |                      | discrete | numeric   | N/A |
| V295 | study_arm_htn        |                      | discrete | numeric   | N/A |
| V296 | study_arm_dm         |                      | discrete | numeric   | N/A |
| V297 | follow_bp_frequency  |                      | discrete | numeric   | N/A |
| V298 | peer_groups          |                      | discrete | numeric   | N/A |
| V299 | order_freq_bpmeasure |                      | discrete | numeric   | N/A |
| V300 | bpmeasure_category   |                      | discrete | numeric   | N/A |
| V301 | peer_groups_cat      |                      | discrete | numeric   | N/A |
| V302 | bgmeasure_category   |                      | discrete | numeric   | N/A |
| V303 | functional_bp        |                      | discrete | numeric   | N/A |
| V304 | ldh_q8p21_2          | dh_q8p21==2          | discrete | numeric   | N/A |
| V305 | lpeer_grou_2         | peer_groups_cat==2   | discrete | numeric   | N/A |
| V306 | lsex_2               | sex==2               | discrete | numeric   | N/A |
| V307 | leducation_2         | education_level_c==2 | discrete | numeric   | N/A |
| V308 | leducation_3         | education_level_c==3 | discrete | numeric   | N/A |
| V309 | leducation_4         | education_level_c==4 | discrete | numeric   | N/A |
| V310 | lemploy_2            | employ==2            | discrete | numeric   | N/A |
| V311 | lemploy_3            | employ==3            | discrete | numeric   | N/A |
| V312 | lemploy_4            | employ==4            | discrete | numeric   | N/A |
| V313 | lemploy_5            | employ==5            | discrete | numeric   | N/A |
| V314 | multimorbidity_trial |                      | discrete | numeric   | N/A |
| V315 | alcohol_use          |                      | discrete | numeric   | N/A |
| V316 | age_cat              |                      | discrete | numeric   | N/A |
| V317 | sugar_consu          |                      | discrete | numeric   | N/A |
| V318 | salt_consu           |                      | discrete | numeric   | N/A |
| V319 | unhealthy_diet       |                      | discrete | numeric   | N/A |
| V320 | htn_med_adh          |                      | discrete | numeric   | N/A |
| V321 | dm_med_adh           |                      | discrete | numeric   | N/A |
| V322 | group_measure_htn    |                      | discrete | numeric   | N/A |
| V323 | group_measure_dm     |                      | discrete | numeric   | N/A |
| V324 | home_measure         |                      | discrete | numeric   | N/A |
| V325 | unmet_need           |                      | discrete | numeric   | N/A |
| V326 | r_unmet_need         |                      | discrete | numeric   | N/A |
| V327 | foll_freq_health     |                      | contin   | numeric   | N/A |

|      |                          |                    |          |           |     |
|------|--------------------------|--------------------|----------|-----------|-----|
| V328 | vlookup                  | vlookup            | discrete | character | N/A |
| V329 | sugar_reading_date       | sugar_reading_date | discrete | character | N/A |
| V330 | bpreading_date           | bpreading_date     | discrete | character | N/A |
| V331 | systolic                 | systolic           | contin   | numeric   | N/A |
| V332 | diastolic                | diastolic          | contin   | numeric   | N/A |
| V333 | bloodsugar               | bloodsugar         | contin   | numeric   | N/A |
| V334 | type                     | type               | discrete | character | N/A |
| V335 | date_sugar_reading       |                    | discrete | character | N/A |
| V336 | date_pressure_reading    |                    | discrete | character | N/A |
| V337 | year_bpreading           |                    | discrete | numeric   | N/A |
| V338 | month_bpreading          |                    | discrete | numeric   | N/A |
| V339 | year_sugar_reading       |                    | discrete | numeric   | N/A |
| V340 | month_sugar_reading      |                    | discrete | numeric   | N/A |
| V341 | period_bp                |                    | discrete | numeric   | N/A |
| V342 | meansystolic             |                    | contin   | numeric   | N/A |
| V343 | meandiastolic            |                    | contin   | numeric   | N/A |
| V344 | meanbloodsugar           |                    | contin   | numeric   | N/A |
| V345 | dup                      |                    | discrete | numeric   | N/A |
| V346 | n1p                      |                    | discrete | numeric   | N/A |
| V347 | n2p                      |                    | discrete | numeric   | N/A |
| V348 | totals                   |                    | discrete | numeric   | N/A |
| V349 | frequency_bp             |                    | contin   | numeric   | N/A |
| V350 | enrollment_date          |                    | discrete | character | N/A |
| V351 | date_enrollment          |                    | discrete | character | N/A |
| V352 | bpperiod_year            |                    | contin   | numeric   | N/A |
| V353 | follow_up_pperiod_months |                    | contin   | numeric   | N/A |
| V354 | monthly_bpfreq           |                    | contin   | numeric   | N/A |
| V355 | ceil_monthly_bpfreq      |                    | discrete | numeric   | N/A |
| V356 | frequency_sugar          |                    | contin   | numeric   | N/A |
| V357 | monthly_sugarfreq        |                    | contin   | numeric   | N/A |
| V358 | ceil_monthly_sugarfreq   |                    | discrete | numeric   | N/A |
| V359 | cat_monthly_bpfreq       |                    | discrete | numeric   | N/A |
| V360 | cat_monthly_sugarfreq    |                    | discrete | numeric   | N/A |



contact (contact)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 12

Valid cases: 1045

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

phone\_hash (hashed\_phone)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 64

Valid cases: 1045

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(deviceid)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 16

Valid cases: 1045

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(subscriberid)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 15

Valid cases: 54

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(simid)

File: ngao ya afya (2)

**Overview**

Type: Continuous

Format: numeric

Width: 10

Decimals: 0

Range: 8.92540210741959e+19-8.92540700003527e+19

Valid cases: 54

Invalid: 991

Minimum: 8925400000000000000

Maximum: 8925410000000000000

Mean: 8925400000000000000

Standard deviation: 5126112477870

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(caseid)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 8

Valid cases: 1045

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(devicephonenum)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 1

Valid cases: 0

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(duration)

File: ngao ya afya (2)

| Overview                 |                   |
|--------------------------|-------------------|
| Type: Discrete           | Valid cases: 1045 |
| Format: character        | Invalid: 0        |
| Width: 5                 |                   |
| Description              |                   |
| N/A                      |                   |
| Universe                 |                   |
| N/A                      |                   |
| Source of information    |                   |
| N/A                      |                   |
| Pre question             |                   |
| N/A                      |                   |
| Literal question         |                   |
| N/A                      |                   |
| Post question            |                   |
| N/A                      |                   |
| Interviewer instructions |                   |
| N/A                      |                   |

LOGIN TO ACCESS SYSTEM (accesscode)

File: ngao ya afya (2)

| Overview                 |                   |
|--------------------------|-------------------|
| Type: Discrete           | Valid cases: 1045 |
| Format: numeric          | Invalid: 0        |
| Width: 12                |                   |
| Decimals: 0              |                   |
| Range: 22881202-22881202 |                   |
| Description              |                   |
| N/A                      |                   |
| Universe                 |                   |
| N/A                      |                   |
| Source of information    |                   |
| N/A                      |                   |
| Pre question             |                   |
| N/A                      |                   |
| Literal question         |                   |
| N/A                      |                   |
| Post question            |                   |
| N/A                      |                   |
| Interviewer instructions |                   |
| N/A                      |                   |

(is\_diabetic\_pre)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 447  
Invalid: 0

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

(is\_hypertensive\_pre)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 819  
Invalid: 0

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

(diagnosis\_preloaded)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: character  
Width: 12

Valid cases: 1036  
Invalid: 0

### Description

N/A

### Universe

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(id\_no)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 8

Valid cases: 1045

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(dob\_preloaded)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 10

Valid cases: 1045

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(fullnames)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 34

Valid cases: 1045

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

Please confirm the diagnosis (diagnosis\_confirmed)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 12

Valid cases: 992

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## 1.2 FIELD OFFICER'S CODE (erd\_q1p2)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: character  
Width: 21

Valid cases: 1045  
Invalid: 0

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

(diagnosis)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: character  
Width: 12

Valid cases: 1045  
Invalid: 0

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

(is\_diabetic)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 1012  
Invalid: 0

### Description

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(is\_hypertensive)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 1

Valid cases: 1032

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(is\_diabetic\_text)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 3

Valid cases: 1045

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(is\_hypertensive\_text)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 3

Valid cases: 1045

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

1.1 START TIME (24HRS) (erd\_q1p1)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 11

Valid cases: 1045

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## 1.6 Enrollment Clinic (facility)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 20  
Decimals: 0  
Range: 1-96

Valid cases: 1045  
Invalid: 0

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

## 1.6 Other Specify (facility\_os)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: character  
Width: 72

Valid cases: 146  
Invalid: 0

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

(fw\_name)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: character  
Width: 22

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## 1.9 Do you accept to participate in this study? (dh\_q1p9)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## 1.10 Why don't you want to participate in this interview? (dh\_q1p10)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 25  
Decimals: 0  
Range: 1-96

Valid cases: 0  
Invalid: 1045

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## 1.10 Other Specify ? (dh\_q1p10\_os)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Valid cases: 0

Format: character

Width: 163

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## 1.1 Sex of the respondent (sex)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Valid cases: 1045

Format: numeric

Invalid: 0

Width: 8

Decimals: 0

Range: 1-2

**Description**

The sex or gender of the respondent. Whether male or female

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

N/A

#### Literal question

Sex of the respondent  
Jinsia la mhojiwa

#### Post question

N/A

#### Interviewer instructions

N/A

## 1.4 What is your highest level of education? (dh\_q1p4)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 29  
Decimals: 0  
Range: 1-7

Valid cases: 1045  
Invalid: 0

#### Description

The highest level of education of the respondent and the level of completion

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

N/A

#### Literal question

What is your highest level of education?  
Kiwango chako cha juu zaidi ya elimu ni nini?

#### Post question

N/A

#### Interviewer instructions

N/A

## 1.5 What is your marital status? (dh\_q1p5)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 35  
Decimals: 0  
Range: 1-96

Valid cases: 1045  
Invalid: 0

#### Description

The marital status of the respondent, whether married, never married, divorced, separated, widowed or other

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

N/A

#### Literal question

What is your marital status?

Nini hali yako ya ndoa?

**Post question**

N/A

**Interviewer instructions**

N/A

## 1.5 Other Specify ? (dh\_q1p5\_os)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Valid cases: 3

Format: character

Invalid: 0

Width: 6

**Description**

Any other marital status of the respondent, other than the options provided

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

N/A

**Literal question**

What is your marital status?

Nini hali yako ya ndoa?

Others

(SPECIFY)...

**Post question**

N/A

**Interviewer instructions**

N/A

## 1.6 What is your occupation? (dh\_q1p6)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Valid cases: 1045

Format: numeric

Invalid: 0

Width: 19

Decimals: 0

Range: 1-96

**Description**

The economic activity of the respondent, that is whether it is fromal employment, informal employment, unemployed, casual worker etc

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

N/A

**Literal question**

What is your occupation?  
Kazi yako ni nini?

**Post question**

N/A

**Interviewer instructions**

N/A

## 1.6 Other ( Specify ) (dh\_q1p6\_os)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Valid cases: 40

Format: character

Invalid: 0

Width: 15

**Description**

The economic activity of the respondent, that is whether it is fromal employment, informal employment, unemployed, casual worker etc

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

N/A

**Literal question**

What is your occupation?  
Kazi yako ni nini?

**Post question**

N/A

**Interviewer instructions**

N/A

## 2.1. Have you heard of COVID-19 or Coronavirus (dh\_q2p1)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Valid cases: 1045

Format: numeric

Invalid: 0

Width: 12

Decimals: 0

Range: 1-98

**Description**

Whether the respondent has ever heard of COVID-19 or Coronavirus or not

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Actions in response to COVID-19  
Vitendo katikakukabiliiana na COVID-19

**Literal question**

Have you heard of COVID-19 or  
Coronavirus  
Je, umesikia kuhusu COVID-19 ama  
Coronavirus

**Post question**

N/A

**Interviewer instructions**

N/A

## 2.2. Have you been in close contact with someone confirmed to be infected with C (dh\_q2p2) File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

**Description**

Whether the respondent has ever been in close contact with someone confirmed to be infected with COVID19 or not

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

**Literal question**

Have you been in close contact with someone confirmed to be infected with COVID19  
Je, umekua karibu na mtu aliyethibitishwa kuambukizwa na COVID19?

**Post question**

N/A

**Interviewer instructions**

N/A

## 2.3. If yes, where did you get in contact with this person? (dh\_q2p3) File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 24  
Decimals: 0  
Range: 1-96

Valid cases: 34  
Invalid: 1011

**Description**

If the respondent reported to have been in close contact with someone confirmed to be infected with COVID19, then where did he/she get in contact with the person. Was it in a healthcare setting, at home, work place, public transport setting or any other place

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

**Literal question**

If yes, where did you get in contact with this person  
Ikiwa ndio, je, ulikuwa na huyu mtu wapi?

**Post question**

N/A

**Interviewer instructions**

N/A

### 2.3. Other place ( Specify ) (dh\_q2p3\_os) File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: character  
Width: 46  
Valid cases: 4  
Invalid: 0

**Description**

whether the respondent got into contact with the person in other places, other than those specified in the options

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

**Literal question**

If yes, where did you get in contact with this person  
Ikiwa ndio, je, ulikuwa na huyu mtu wapi?

Other (Specify)

**Post question**

N/A

**Interviewer instructions**

N/A

\*\*\*\*\* (dh\_q2p4\_label)

### File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2  
Valid cases: 0  
Invalid: 1045

**Description**

Whether the respondent has ever experienced or noticed the listed symptoms in the last 14 days

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

#### Literal question

Have you noticed any of the following over the last 14 days (select all that apply)  
Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita?

#### Post question

If none of the above skip to 10.7

#### Interviewer instructions

N/A

## 2.4. 1-High temperature- ≥ 38C or subjective fever? (dh\_q2p4p1) File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

#### Description

Whether the respondent ever had High temperature- = 38C or subjective fever in the last 14 days

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

#### Literal question

Have you noticed any of the following over the last 14 days (select all that apply)  
Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita?

High temperature- = 38C or subjective fever?

#### Post question

If none of the above skip to 10.7

#### Interviewer instructions

N/A

## 2.4. 2- Persistent dry cough? (dh\_q2p4p2) File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

#### Description

Whether the respondent has ever had persistent dry cough in the last 14 days

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

**Literal question**

Have you noticed any of the following over the last 14 days (select all that apply)  
Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita?

Persistent dry cough?

**Post question**

If none of the above skip to 10.7

**Interviewer instructions**

N/A

## 2.4. 3-Sore throat or pain when swallowing) (dh\_q2p4p3)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

**Description**

Whether the respondent has ever had sore throat or pain when swallowing in the last 14 days

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

**Literal question**

Have you noticed any of the following over the last 14 days (select all that apply)  
Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita?

Sore throat or pain when swallowing

**Post question**

If none of the above skip to 10.7

**Interviewer instructions**

N/A

## 2.4. 4-Breathlessness or a difficulty breathing that youâ€™ve noticed recently? (dh\_q2p4p4)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

### Description

Whether the respondent has ever had breathlessness or a difficulty breathing that he/she noticed recently in the last 14 days

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

### Literal question

Have you noticed any of the following over the last 14 days (select all that apply)  
Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita?

Breathlessness or a difficulty breathing that you've noticed recently?

### Post question

If none of the above skip to 10.7

### Interviewer instructions

N/A

## 2.4. 5-Pain in your body, especially your muscles hurting more than usual? (dh\_q2p4p5)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

### Description

Whether the respondent experienced pain in his/her body, especially the muscles hurting more than usual in the last 14 days or not

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

### Literal question

Have you noticed any of the following over the last 14 days (select all that apply)  
Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita?

Pain in your body, especially your muscles hurting more than usual?

### Post question

If none of the above skip to 10.7

#### Interviewer instructions

N/A

## 2.4. 6-Recent changes in your ability to taste or smell things?

(dh\_q2p4p6)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

#### Description

Whether the respondent experienced recent changes in his/her ability to taste or smell things in the last 14 days

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliiana na COVID-19

#### Literal question

Have you noticed any of the following over the last 14 days (select all that apply)  
Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita?

Recent changes in your ability to taste or smell things?

#### Post question

If none of the above skip to 10.7

#### Interviewer instructions

N/A

## 2.4. 7- Unusual nausea or vomiting? (dh\_q2p4p7)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

#### Description

Whether the respondent had unusual nausea or vomiting in the last 14 days

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliiana na COVID-19

#### Literal question

Have you noticed any of the following over the last 14 days (select all that apply)  
Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita?

Unusual nausea or vomiting?

#### Post question

If none of the above skip to 10.7

#### Interviewer instructions

N/A

## 2.4. 8- Diarrhea? (dh\_q2p4p8)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

#### Description

Whether the respondent had diarrhea in the last 14 days

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

#### Literal question

Have you noticed any of the following over the last 14 days (select all that apply)  
Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita?

Diarrhea?

#### Post question

If none of the above skip to 10.7

#### Interviewer instructions

N/A

## 2.4. 9-Feeling more tired/sleepy/unable to concentrate/physical weakness than us (dh\_q2p4p9)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

#### Description

Whether the respondent felt more tired/sleepy/unable to concentrate/physical weakness than usual in the last 14 days

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliiana na COVID-19

#### Literal question

Have you noticed any of the following over the last 14 days (select all that apply)  
Je, umeona dalili zozote zifuatazo katika siku 14 zilizopita?

Feeling more tired/sleepy/unable to concentrate/physical weakness than usual?

#### Post question

If none of the above skip to 10.7

#### Interviewer instructions

N/A

## 2.6. Have you been tested for COVID- 19? (dh\_q2p6)

### File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

#### Description

Whether the respondent has ever been tested for COVID- 19 or not

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliiana na COVID-19

#### Literal question

Have you been tested for COVID- 19?  
Je, umepata kipimo cha COVID19?

#### Post question

N/A

#### Interviewer instructions

N/A

## 2.7. Outcome of the test (dh\_q2p7)

### File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-3

Valid cases: 50  
Invalid: 995

#### Description

If the respondent had been tested of COVID 19, then was the results positive, negative or he/she does not know

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

**Literal question**

Outcome of the test  
Matokeo

**Post question**

N/A

**Interviewer instructions**

N/A

## 2.8. Have you or members of your household changed anything you do as a result o (dh\_q2p8)

File: ngao ya afya (2)

**Overview**

|                 |                   |
|-----------------|-------------------|
| Type: Discrete  | Valid cases: 1045 |
| Format: numeric | Invalid: 0        |
| Width: 12       |                   |
| Decimals: 0     |                   |
| Range: 1-98     |                   |

**Description**

Whether the respondent or members of his/her household changed anything they normally as a result of hearing about COVID-19 or Coronavirus or not

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

**Literal question**

Have you or members of your household changed anything you do as a result of hearing about COVID-19 or Coronavirus?

Je, wewe au familia yako mmebadilisha chochote mlichokua mkifanya kutokana na COVID19?

**Post question**

N/A

**Interviewer instructions**

N/A

## 2.9. What things have you or your household changed as a result of hearing about (dh\_q2p9)

File: ngao ya afya (2)

**Overview**

|                   |                  |
|-------------------|------------------|
| Type: Discrete    | Valid cases: 987 |
| Format: character | Invalid: 0       |
| Width: 20         |                  |

### Description

The specific things, the respondent or his/her household changed as a result of hearing about COVID-19 or Coronavirus

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Actions in response to COVID-19

Vitendo katikakukabiliana na COVID-19

### Literal question

What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply)

Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19?

### Post question

N/A

### Interviewer instructions

N/A

(dh\_q2p9\_1)

File: ngao ya afya (2)

### Overview

Type: Discrete

Format: numeric

Width: 8

Decimals: 0

Range: 0-1

Valid cases: 987

Invalid: 58

### Description

Whether the respondent or his/her household washed hands more often as a result of hearing about COVID-19 or Coronavirus

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Actions in response to COVID-19

Vitendo katikakukabiliana na COVID-19

### Literal question

What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply)

Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19?

Washed hands more often;

### Post question

N/A

### Interviewer instructions

N/A

(dh\_q2p9\_2)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 987  
Invalid: 58

#### Description

Whether the respondent or his/her household started avoiding crowded areas as a result of hearing about COVID-19 or Coronavirus?

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliiana na COVID-19

#### Literal question

What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply)

Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19?

Avoiding crowded areas;

#### Post question

N/A

#### Interviewer instructions

N/A

(dh\_q2p9\_3)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 987  
Invalid: 58

#### Description

Whether the respondent or his/her household avoided social events as a result of hearing about COVID-19 or Coronavirus?

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliiana na COVID-19

#### Literal question

What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply)

Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19?

Avoided social events

#### Post question

N/A

#### Interviewer instructions

N/A

(dh\_q2p9\_4)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 987  
Invalid: 58

#### Description

Whether the respondent or his/her household avoided taking taxis as a result of hearing about COVID-19 or Coronavirus?

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

#### Literal question

What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply)

Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19?

Avoided taking taxis

#### Post question

N/A

#### Interviewer instructions

N/A

(dh\_q2p9\_5)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 987  
Invalid: 58

#### Description

Whether the respondent or his/her household avoided going out as a result of hearing about COVID-19 or Coronavirus?

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

#### Literal question

What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply)

Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19?

Avoided going out

#### Post question

N/A

### Interviewer instructions

N/A

(dh\_q2p9\_7)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 987  
Invalid: 58

### Description

Whether the respondent or his/her household avoided going to work as a result of hearing about COVID-19 or Coronavirus?

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

### Literal question

What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply)

Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19?

Avoided going to work

### Post question

N/A

### Interviewer instructions

N/A

(dh\_q2p9\_8)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 987  
Invalid: 58

### Description

Whether the respondent or his/her household avoided travelling long distances as a result of hearing about COVID-19 or Coronavirus?

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

### Literal question

What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply)

Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19?

Avoided travelling long distances

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q2p9\_9)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: numeric

Width: 8

Decimals: 0

Range: 0-1

Valid cases: 987

Invalid: 58

**Description**

Whether the respondent or his/her household started using face masks as a result of hearing about COVID-19 or Coronavirus?

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Actions in response to COVID-19

Vitendo katikakukabiliiana na COVID-19

**Literal question**

What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply)

Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19?

Using face masks

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q2p9\_10)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: numeric

Width: 8

Decimals: 0

Range: 0-1

Valid cases: 987

Invalid: 58

**Description**

Whether the respondent or his/her household started wearing gloves as a result of hearing about COVID-19 or Coronavirus?

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

### Literal question

What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply)

Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19?

Wearing gloves

### Post question

N/A

### Interviewer instructions

N/A

(dh\_q2p9\_11)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 987  
Invalid: 58

### Description

Whether the respondent or his/her household started using hand sanitizer as a result of hearing about COVID-19 or Coronavirus?

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliana na COVID-19

### Literal question

What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply)

Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19?

Using hand sanitizer

### Post question

N/A

### Interviewer instructions

N/A

(dh\_q2p9\_12)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 987  
Invalid: 58

#### Description

Whether the respondent or his/her household started doing something else other than what has been provided in the options as a result of hearing about COVID-19 or Coronavirus?

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliiana na COVID-19

#### Literal question

What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply)

Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19?

Others (Specify other)

#### Post question

N/A

#### Interviewer instructions

N/A

(dh\_q2p9\_96)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 987  
Invalid: 58

#### Description

Whether the respondent or his/her household started doing something else other than what has been provided in the options as a result of hearing about COVID-19 or Coronavirus?

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Actions in response to COVID-19  
Vitendo katikakukabiliiana na COVID-19

#### Literal question

What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply)

Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19?

Others (Specify other)

#### Post question

N/A

#### Interviewer instructions

N/A

## 2.9. Other ( Specify ) (dh\_q2p9\_os)

### File: ngao ya afya (2)

#### Overview

Type: Discrete

Valid cases: 129

Format: character

Width: 108

#### Description

Whether the respondent or his/her household started doing something else other than what has been provided in the options as a result of hearing about COVID-19 or Coronavirus?

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Actions in response to COVID-19

Vitendo katikakukabiliana na COVID-19

#### Literal question

What things have you or your household changed as a result of hearing about COVID-19 or Coronavirus? (mark all that apply)

Je, ni nini haswa ambayo wewe au familia yako mnafanya au kubadili kutokana na COVID19?

Others (Specify other)

#### Post question

N/A

#### Interviewer instructions

N/A

## 2.10. How much do you feel you know about the COVID-19 pandemic? (dh\_q2p10)

### File: ngao ya afya (2)

#### Overview

Type: Discrete

Valid cases: 1045

Format: numeric

Invalid: 0

Width: 38

Decimals: 0

Range: 1-4

#### Description

The much the respondents feels he/she knows about the COVID-19 pandemic. is it;

1. Less than he/she should know;
2. A little but not enough; Enough;
3. A little more than most people.
4. He/she is up to date on the latest research

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Actions in response to COVID-19

Vitendo katikakukabiliana na COVID-19

#### Literal question

How much do you feel you know about the COVID-19 pandemic?

Je, unahisi una ufahamu gani kuhusu janga la COVID19

**Post question**

N/A

**Interviewer instructions**

N/A

2.11. Over the past one month , have you wanted to access healthcare but have be (dh\_q2p11)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

**Description**

Whether over the past seven days, the respondent wanted to access healthcare but have been unable to do so?

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

**Literal question**

Over the past seven days, have you wanted to access healthcare but have been unable to do so?

Je, ulihitaji kupata huduma za afya katika muda wa siku saba zilizopita lakini hukuweza?

**Post question**

N/A

**Interviewer instructions**

N/A

2.12. Over the past one month , has your family been able to get all food and ot (dh\_q2p12)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

**Description**

Whether over the past seven days, the respondent's family has been able to get all food and other household necessities they need?

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

#### Literal question

Over the past seven days, has your family been able to get all food and other household necessities they need?

#### Post question

N/A

#### Interviewer instructions

N/A

2.13. Over the past one month , have COVID-19 laws/regulations/rules affected th (dh\_q2p13)  
File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

#### Description

Whether over the past seven days, COVID-19 laws/regulations/rules affected the ability of the respondent or his/her household to earn money or not

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

#### Literal question

Over the past seven days, have COVID-19 laws/regulations/rules affected the ability of you or your household to earn money?

Katika siku saba zilizopita, je! Sharia/kanuni za COVID19 zimeathiri uwezo wako au familia yako kupata pesa?

#### Post question

N/A

#### Interviewer instructions

N/A

2.14. Which of the following statement is true regarding the ability of you or y (dh\_q2p14)  
File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: character  
Width: 8

Valid cases: 1045  
Invalid: 0

#### Description

The statement that is true regarding the ability of respondent or his/her household to earn money over the past seven days

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

#### Literal question

Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days?

Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita?

#### Post question

N/A

#### Interviewer instructions

N/A

(dh\_q2p14\_1)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

#### Description

Whether the loss of a job by the respondent's household member affected the ability of the household to earn money over the past seven days?

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

#### Literal question

Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days?

Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita?

Someone in the household has lost a job

#### Post question

N/A

#### Interviewer instructions

N/A

(dh\_q2p14\_2)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

#### Description

Whether being on unpaid leave by a member of the respondent's household, affected the ability of the respondent or his/her household to earn money over the past seven days?

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

**Literal question**

Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days?

Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita?

Someone in the household is on unpaid leave.

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q2p14\_3)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

**Description**

Whether there were other reasons, other the speciefied statements in the options, that affected the ability of the respondent or his/her household in eaning money over the past seven days

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

**Literal question**

Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days?

Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita?

Others (Specify)

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q2p14\_4)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

#### Description

Whether there were other reasons, other the speciefied statements in the options, that affected the ability of the respondent or his/her household in eaning money over the past seven days

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

#### Literal question

Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days?

Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita?

Others (Specify)

#### Post question

N/A

#### Interviewer instructions

N/A

(dh\_q2p14\_96)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

#### Description

Whether there were other reasons, other the speciefied statements in the options, that affected the ability of the respondent or his/her household in eaning money over the past seven days

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

#### Literal question

Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days?

Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita?

Others (Specify)

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q2p14\_99)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: numeric

Width: 8

Decimals: 0

Range: 0-1

Valid cases: 1045

Invalid: 0

**Description**

Whether there were other reasons, other the specified statements in the options, that affected the ability of the respondent or his/her household in earning money over the past seven days

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Household Impact of COVID-19

Athari ya COVID19 katika jamii

**Literal question**

Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days?

Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita?

Others (Specify)

**Post question**

N/A

**Interviewer instructions**

N/A

2.14. Other ( Specify ) (dh\_q2p14\_os)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 110

Valid cases: 92

**Description**

Whether there were other reasons, other the specified statements in the options, that affected the ability of the respondent or his/her household in earning money over the past seven days

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

**Literal question**

Which of the following statement is true regarding the ability of you or your household to earn money over the past seven days?

Je! Ni ipi kati ya taarifa ifuatayo ni kweli kuhusu uwezo wako au familia yako kupata pesa kwa siku saba zilizopita?

Others (Specify)

**Post question**

N/A

**Interviewer instructions**

N/A

## 2.15. What are you doing/planning to do as a result of this financial hardship? (dh\_q2p15)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 6

Valid cases: 1045

Invalid: 0

**Description**

The specific plans the respondent has in responding to the financial hardship

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

**Literal question**

What are you planning to do to as a result of this financial hardship?

Je, unapanga kufanya nini kutokana na hali hii ngumu ya kifedha?

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q2p15\_1)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: numeric

Width: 8

Decimals: 0

Range: 0-1

Valid cases: 1045

Invalid: 0

**Description**

Whether the respondent has decided not to pay bills when they are due, as a response to the financial hardship

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Household Impact of COVID-19

Athari ya COVID19 katika jamii

**Literal question**

What are you planning to do to as a result of this financial hardship?

Je, unapanga kufanya nini kutokana na hali hii ngumu ya kifedha?

Not pay bills that are due;

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q2p15\_2)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: numeric

Width: 8

Decimals: 0

Range: 0-1

Valid cases: 1045

Invalid: 0

**Description**

Whether the respondent has decided to take a loan in responding to the financial hardship

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Household Impact of COVID-19

Athari ya COVID19 katika jamii

**Literal question**

What are you planning to do to as a result of this financial hardship?

Je, unapanga kufanya nini kutokana na hali hii ngumu ya kifedha?

Take out a loan;

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q2p15\_3)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

#### Description

Whether the respondent has decided to be skipping meals as a respond measure to the financial hardship

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

#### Literal question

What are you planning to do to as a result of this financial hardship?

Je, unapanga kufanya nini kutokana na hali hii ngumu ya kifedha?

Skip meals

#### Post question

N/A

#### Interviewer instructions

N/A

(dh\_q2p15\_4)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

#### Description

Whether the respondent had other means of responding on the financial hardship, other than those provided in the options

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

#### Literal question

What are you planning to do to as a result of this financial hardship?

Je, unapanga kufanya nini kutokana na hali hii ngumu ya kifedha?

Others

#### Post question

N/A

#### Interviewer instructions

N/A

(dh\_q2p15\_96)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

#### Description

Whether the respondent had other means of responding on the financial hardship, other than those provided in the options

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

#### Literal question

What are you planning to do to as a result of this financial hardship?

Je, unapanga kufanya nini kutokana na hali hii ngumu ya kifedha?

Others

#### Post question

N/A

#### Interviewer instructions

N/A

2.15. Other plans ( Specify ) (dh\_q2p15\_os)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: character  
Width: 116

Valid cases: 544

#### Description

Whether the respondent had other means of responding on the financial hardship, other than those provided in the options

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

#### Literal question

What are you planning to do to as a result of this financial hardship?

Je, unapanga kufanya nini kutokana na hali hii ngumu ya kifedha?

Others

#### Post question

N/A

#### Interviewer instructions

N/A

## 2.16. Over the past seven days , have you had access to soap and water at home f (dh\_q2p16)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-3

Valid cases: 1045  
Invalid: 0

### Description

Whether the responmdent has had access to soap and water at home for hand hygiene, over the last seven days

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

### Literal question

Over the past seven days, have you had access to soap and water at home for hand hygiene?

Je, katika siku saba zilizopita, umeweza kupata sabuni na maji nyumbani kwa usafi wa mkono?

### Post question

N/A

### Interviewer instructions

N/A

## 2.17. Over the past seven days , how often have you been bothered by having litt (dh\_q2p17)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 23  
Decimals: 0  
Range: 1-4

Valid cases: 1045  
Invalid: 0

### Description

The number of times, the respondent has been bothered by having little interest or please in doing things, over the past seven days

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

### Literal question

Over the past seven days, how often have you been bothered by having little interest or pleasure in doing things?

### Post question

N/A

### Interviewer instructions

N/A

## 2.18. Over the past seven days , how often have you been bothered by feeling dow (dh\_q2p18)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 23  
Decimals: 0  
Range: 1-4

Valid cases: 1045  
Invalid: 0

### Description

The number of times, the respondent has been bothered by feeling down, depressed or hopeless, over the past seven days

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

### Literal question

Over the past seven days, how often have you been bothered by feeling down, depressed or hopeless?

Je! Katika siku saba zilizopita, ni mara ngapi umesumbuliwa na kuhisi kuwa chini, kuwa na huzuni au kupoteza tumaini?

### Post question

N/A

### Interviewer instructions

N/A

## 2.19. Over the past seven days , how often have you been bothered by feeling ner (dh\_q2p19)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 23  
Decimals: 0  
Range: 1-4

Valid cases: 1045  
Invalid: 0

### Description

The number of days, the respondent has been bothered by feeling nervous, anxious or old edge, over the past seven days

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

### Literal question

Over the past seven days, how often have you been bothered by feeling nervous, anxious or on edge?

### Post question

N/A

### Interviewer instructions

N/A

## 2.20. Over the past seven days , how often have you been bothered by not being a (dh\_q2p20)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 23  
Decimals: 0  
Range: 1-4

Valid cases: 1045  
Invalid: 0

### Description

The number of days, the respondent has been bothered by not being able to stop or control worrying, over the past seven days

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

### Literal question

Over the past seven days, how often have you been bothered by not be able to stop or control worrying.

Katika siku saba zilizopita, mara ngapi umekuwa ukisumbuliwa na kutoweza kuacha au kudhibiti wasiwasi?

### Post question

N/A

### Interviewer instructions

N/A

\*\*\*\*\* (dh\_q2p21\_label)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 1045

### Description

Specific issues or circumstances that affected the respondent in managing his/her Chronic disease condition for which he/she has been seeking care

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

### Literal question

Which of the following affected you in managing your Chronic disease condition for which you have been seeking care (Tick all that apply)

Ni yapi kati ya haya yalikuathiri katika kudhibiti hali yako ya magonjwa sugu ambayo umekua ukitafuta matibabu?

### Post question

N/A

### Interviewer instructions

N/A

## 1-. Difficulty in securing appointments with a doctor (dh\_q2p21p1) File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

### Description

Whether the respondent was affected by difficulty in securing appointments with a doctor in managing his/her Chronic disease condition for which he/she has been seeking care

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

### Literal question

Which of the following affected you in managing your Chronic disease condition for which you have been seeking care (Tick all that apply)

Ni yapi kati ya haya yalikuathiri katika kudhibiti hali yako ya magonjwa sugu ambayo umekua ukitafuta matibabu?

Difficulty in securing appointments with a doctor

### Post question

N/A

### Interviewer instructions

N/A

## 2-. Hesitation in going out of home due to a health risk of COVID-19 (dh\_q2p21p2) File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

### Description

Whether hesitation in going out of home due to a health risk of COVID-19,affected the respondent's management of his/her Chronic disease condition for which he/she has been seeking care

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

#### Literal question

Which of the following affected you in managing your Chronic disease condition for which you have been seeking care (Tick all that apply)

Ni yapi kati ya haya yalikuathiri katika kudhibiti hali yako ya magonjwa sugu ambayo umekua ukitaifuta matibabu?

Hesitation in going out of home due to a health risk of COVID-19

#### Post question

N/A

#### Interviewer instructions

N/A

### 3-. Difficulty in buying infection control supplies such as sanitizer, masks (dh\_q2p21p3)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

#### Description

Whether difficulty in buying infection control supplies such as sanitizer and masks, affected respondent in managing his/her Chronic disease condition for which he/she have been seeking care

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

#### Literal question

Which of the following affected you in managing your Chronic disease condition for which you have been seeking care (Tick all that apply)

Ni yapi kati ya haya yalikuathiri katika kudhibiti hali yako ya magonjwa sugu ambayo umekua ukitaifuta matibabu?

Difficulty in buying infection control supplies such as sanitizer, masks

#### Post question

N/A

#### Interviewer instructions

N/A

### 4-. Difficulty seeking community and social services (dh\_q2p21p4)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

#### Description

Whether difficulty in seeking community and social services, affected the respondent in managing his/her Chronic disease condition for which he/she have been seeking care

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

**Literal question**

Which of the following affected you in managing your Chronic disease condition for which you have been seeking care (Tick all that apply)

Ni yapi kati ya haya yalikuathiri katika kudhibiti hali yako ya magonjwa sugu ambayo umekua ukitafuta matibabu?

Difficulty seeking community and social services

**Post question**

N/A

**Interviewer instructions**

N/A

## 5-. Transport cost too high (dh\_q2p21p5)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

**Description**

Whether high transport cost affected the respondent in managing his/her Chronic disease condition for which he/she have been seeking care

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

**Literal question**

Which of the following affected you in managing your Chronic disease condition for which you have been seeking care (Tick all that apply)

Ni yapi kati ya haya yalikuathiri katika kudhibiti hali yako ya magonjwa sugu ambayo umekua ukitafuta matibabu?

Transport cost too high

**Post question**

N/A

**Interviewer instructions**

N/A

## 6-. Lack of money to buy medications (dh\_q2p21p6)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

### Description

Whether lack of money to buy medications affected the respondent in managing his/her Chronic disease condition for which he/she have been seeking care

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Household Impact of COVID-19  
Athari ya COVID19 katika jamii

### Literal question

Which of the following affected you in managing your Chronic disease condition for which you have been seeking care (Tick all that apply)

Ni yapi kati ya haya yalikuathiri katika kudhibiti hali yako ya magonjwa sugu ambayo umekua ukitafuta matibabu?

Lack of money to buy medications

### Post question

N/A

### Interviewer instructions

N/A

## 3.2. Have you ever smoked tobacco or used smokeless tobacco? (dh\_q3p2)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

### Description

Whether the respondent has ever smoked tobacco or used smokeless tobacco or not

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Tobacco & alcohol I will start by asking you some questions on tobacco and alcohol use  
Tumbaku na pombe. Nitaanza na kukuuliza maswali kuhusu utumiaji wa tumbaku na pombe

### Literal question

Have you ever smoked tobacco or used smokeless tobacco?

Je! Umewahi kuvuta sigara au kutumia tumbaku usio na moshi?

### Post question

N/A

### Interviewer instructions

N/A

### 3.1. Do you currently use any tobacco products, such as cigarettes, cigars or pi (dh\_q3p1)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 179  
Invalid: 866

#### Description

Whether the respondent uses any tobacco products, such as cigarettes, cigars or pipes?

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Tobacco & alcohol I will start by asking you some questions on tobacco and alcohol use  
Tumbaku na pombe. Nitaanza na kukuuliza maswali kuhusu utumiaji wa tumbaku na pombe

#### Literal question

Do you currently use any tobacco products, such as cigarettes, cigars or pipes?

Je! kwa sasa unatumia bidha zozote za tumbaku kama vile sigara, biri au bomba?

#### Post question

N/A

#### Interviewer instructions

N/A

### 3.3. In the last 12 months , how frequently have you had at least one alcoholic (dh\_q3p3)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

#### Description

The frequency with which the respondent has had at least one alcoholic drink in the last 12 months

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Tobacco & alcohol I will start by asking you some questions on tobacco and alcohol use  
Tumbaku na pombe. Nitaanza na kukuuliza maswali kuhusu utumiaji wa tumbaku na pombe

#### Literal question

In the last 12 months, how frequently have you had at least one alcoholic drink?

Katika miezi 12 iliyopita, ni mara ngapi umetumia angalau aina moja ya kileo?

#### Post question

N/A

#### Interviewer instructions

N/A

## 4.1. In a typical week, how many servings of fruit do you usually eat? (dh\_q4p1)

File: ngao ya afya (2)

### Overview

|                  |                         |
|------------------|-------------------------|
| Type: Continuous | Valid cases: 1045       |
| Format: numeric  | Invalid: 0              |
| Width: 8         | Minimum: 0              |
| Decimals: 0      | Maximum: 28             |
| Range: 0-28      | Mean: 3.8               |
|                  | Standard deviation: 3.4 |

### Description

The number of times, the respondent eats fruits in a typical week

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Fruits and Vegetables - The next questions ask about the fruits and vegetables that you usually eat.  
Matunda na mboga- maswali yafuatayo yanauliza juu ya matunda na mboga ambazo kawaida wewe hula

### Literal question

In a typical week, how many servings of fruit do you usually eat? (No. of servings)

### Post question

N/A

### Interviewer instructions

N/A

## 4.2. In a typical week, how many servings of vegetables do you usually eat? (dh\_q4p2)

File: ngao ya afya (2)

### Overview

|                  |                         |
|------------------|-------------------------|
| Type: Continuous | Valid cases: 1045       |
| Format: numeric  | Invalid: 0              |
| Width: 8         | Minimum: 1              |
| Decimals: 0      | Maximum: 35             |
| Range: 1-35      | Mean: 9                 |
|                  | Standard deviation: 4.3 |

### Description

The number of time, the respondent has been eating vegetables in a typical week

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Fruits and Vegetables - The next questions ask about the fruits and vegetables that you usually eat.  
Matunda na mboga- maswali yafuatayo yanauliza juu ya matunda na mboga ambazo kawaida wewe hula

### Literal question

In a typical week, how many servings of vegetables do you usually eat? (No. of servings)

Je! Unakula mboga mara ngapi katika wiki ya kawaida?

**Post question**

N/A

**Interviewer instructions**

N/A

### 4.3. How often is salt, salty seasoning or salty sauces added in cooking or prep (dh\_q4p3)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

**Description**

The frequency with which salt, salty seasoning or salty sauces is added in cooking or preparing foods in the respondent's household

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Dietary salt - With the next question. I would like to learn more about salt in your diet. Dietary salt include ordinary diet table salt, unrefined salt, iodized salt, salty sock cube and powders, salty souse such as fish source lfuatayo, ningependa kupata maelezo zaidi kuhusu chumvi katika chakula chako.

**Literal question**

How often is salt, salty seasoning or salty sauces added in cooking or preparing foods in your household

Ni mara ngapi chumvi hutumika katika mapishi nyumbani kwako?

**Post question**

N/A

**Interviewer instructions**

N/A

### 4.4. How often do you add salt, salty seasoning or salty sauces on food on the t (dh\_q4p4)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

**Description**

The number of time the respondent add salt, salty seasoning or salty sauces on food on the table?

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Dietary salt - With the next question. I would like to learn more about salt in your diet. Dietary salt include ordinary diet table salt, unrefined salt, iodized salt, salty sock cube and powders, salty souse such as fish source Ifuatayo, ningependa kupata maelezo zaidi kuhusu chumvi katika chakula chako.

#### Literal question

How often do you add salt, salty seasoning or salty sauces on food on the table?

Ni mara ngapi huwa unaongeza chumvi kwa chakula mezani?

#### Post question

N/A

#### Interviewer instructions

N/A

## 4.5. How often do you eat processed foods high in salt ? By processed food high (dh\_q4p5) File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

### Description

The number of time the respondent eat processed foods high in salt? By processed food high in salt means foods that have been altered from their natural state, such as packaged salty snacks, canned salty foods including pickles and preserves, salty food prepared at a fast food restaurant, chees, bacon and processed meat.

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Dietary salt - With the next question. I would like to learn more about salt in your diet. Dietary salt include ordinary diet table salt, unrefined salt, iodized salt, salty sock cube and powders, salty souse such as fish source Ifuatayo, ningependa kupata maelezo zaidi kuhusu chumvi katika chakula chako.

### Literal question

How often do you eat processed foods high in salt? By processed food high in salt I mean foods that have been altered from their natural state, such as packaged salty snacks, canned salty foods including pickles and preserves, salty food prepared at a fast food restaurant, chees, bacon and processed meat.

Ni mara ngapi wewe hula vyakula vilivyo na kiwango cha juu cha chumvi? Hivi namaanisha vyakula vilivyobadilishwa hali yao ya asili kama vile vyakula vilivyo na vihifadhi, vyakula vinavyotayarishwa mkahawani vilivyo na kiwango cha juu cha chumvi, cheese, bacon na nyama ya kushindikwa?

### Post question

N/A

### Interviewer instructions

N/A

## 4.5. How often do you add sugar to your beverages right before you drink them or (dh\_q4p5i) File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 37  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

#### Description

The number of times the respondent add sugar to his/her beverages right before drinking them or while drinking them

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Dietary Sugar - Dietary sugar includes ordinary sugar, refined sugar such as candy, chocolate and fizzy drinks.  
Sukari katika chakula haswa hutokana: sukari ya kawaida, candy, chocolate na vinywaji vilivyo na vihifadhi.

#### Literal question

How often do you add sugar to your beverages right before you drink them or as you are drinking them?  
(SELECT ONLY ONE)

Ni mara ngapi wewe huongeza sukari kwenye vinywaji vyako kabla au unapovinywa?

#### Post question

N/A

#### Interviewer instructions

N/A

## 4.6. In a typical week how many (+-300 ml) bottles of soda (like fanta, coca col (dh\_q4p6)

### File: ngao ya afya (2)

#### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-80

Valid cases: 1045  
Invalid: 0  
Minimum: 0  
Maximum: 80  
Mean: 0.2  
Standard deviation: 2.5

#### Description

In a typical week, the number of 300 ml bottles of soda (like fanta, coca cola, Afya or other sugary drinks) the respondent drink

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Dietary Sugar - Dietary sugar includes ordinary sugar, refined sugar such as candy, chocolate and fizzy drinks.  
Sukari katika chakula haswa hutokana: sukari ya kawaida, candy, chocolate na vinywaji vilivyo na vihifadhi.

#### Literal question

In a typical week how many 300 ml bottles of soda (like fanta, coca cola, Afya or other sugary drinks) do you drink?

Je, kwa wiki ya kawaida unakunywa chupa ngapi ya 300 ml?

#### Post question

N/A

#### Interviewer instructions

N/A

## 4.7. How often do you eat processed food high in sugar ? By processed food high (dh\_q4p7)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 22  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

### Description

The number of times the respondent eat processed food high in sugar? By processed food high in sugar, it means biscuits, wafers, cakes, candy, sweets and chocolate and alike

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Dietary Sugar - Dietary sugar includes ordinary sugar, refined sugar such as candy, chocolate and fizzy drinks.  
Sukari katika chakula haswa hutokana: sukari ya kawaida, candy, chocolate na vinywaji vilivyo na vihifadhi.

### Literal question

How often do you eat processed food high in sugar? By processed food high in sugar, I mean biscuits, wafers, cakes, candy, sweets and chocolate and alike?

Je! Unakula vyakula vilivyo na kiwango cha juu cha sukari mara ngapi?

### Post question

N/A

### Interviewer instructions

N/A

## 5.1. In the past week, on how many days have you done a total of 30 minutes or m (dh\_q5p1)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-7

Valid cases: 1045  
Invalid: 0

### Description

In the past week, the number of days the respondent has done a total of 30 minutes or more of physical activity, which was enough to raise his/her breathing rate? This may include sport, exercise, and brisk walking or cycling for recreation or to get to and from places, but should not include housework or physical activity that may be part of his/her job.

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Physical activity

### Literal question

In the past week, on how many days have you done a total of 30 minutes or more of physical activity, which was enough to raise your breathing rate? This may include sport, exercise, and brisk walking or cycling for recreation or to get to and from places, but should not include housework or physical activity that may be part of your job.

Katika wiki iliyopita, ni siku ngapi umefanya jumla ya dakika 30 au zaidi ya mazoezi ya mwili, ambayo yalitisha kuongeza kiwango chako cha kupumua? Hii inaweza kujumuisha michezo, mazoezi na kutembea kwa kasi au baisikeli kwa burudani au kufika na kutoka mahali, lakini haipaswi kujumuisha kazi ya nyumbani au shughuli za mazoezi ambazo zinaweza kuwa sehemu ya kazi yako

#### Post question

N/A

#### Interviewer instructions

N/A

## 6.1. In the past 6 months, on average, how many times have you sought healthcare (dh\_q6p1)

File: ngao ya afya (2)

### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-48

Valid cases: 1045  
Invalid: 0  
Minimum: 0  
Maximum: 48  
Mean: 3.1  
Standard deviation: 4

### Description

In the past 6 months, on average, the number of times the respondent sought healthcare for any cardiovascular disease at the particular primary healthcare facility?

### Universe

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Clinic visits

### Literal question

In the past 6 months, on average, how many times have you sought healthcare for any cardiovascular disease at this primary healthcare facility?

Je, kwa kipindi cha miezi 6 zilizopita, kwa wastani, ni mara ngapi umetafuta matibabu dhidi ya ugonjwa wa moyo na mishipa katika kituo hiki cha afya?

### Post question

N/A

### Interviewer instructions

N/A

## 6.2. Have you been in a situation in the past 6 months that you could not obtain (dh\_q6p2)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

### Description

Whether all the medications the respondent needed were available at the facility or not

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Clinic visits

**Literal question**

Were all the medications you needed available at this facility?

Ulipata dawa zote ulizohitaji katika kituo hiki?

**Post question**

N/A

**Interviewer instructions**

N/A

### 6.3. What were the reasons why you were unable to obtain the medications that yo (dh\_q6p3)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 4

Valid cases: 407

Invalid: 0

**Description**

The reason why the respondent was unable to obtain the medicines from his/her primary during the most recent related visit

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Clinic visits

**Literal question**

Why were you unable to obtain the medicines from your primary during the most recent related visit?

Mbona hukupata dawa hizo mara ya mwisho ulipotembelea kituoni?

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q6p3\_1)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: numeric

Width: 8

Decimals: 0

Range: 0-1

Valid cases: 407

Invalid: 638

**Description**

Whether it was too expensive for the respondent to obtain the medicines from his/her primary health facility during the most recent related visit

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Clinic visits

**Literal question**

Why were you unable to obtain the medicines from your primary during the most recent related visit?

Mbona hukupata dawa hizo mara ya mwisho ulipotembelea kituoni?

Too expensive

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q6p3\_2)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: numeric

Width: 8

Decimals: 0

Range: 0-1

Valid cases: 407

Invalid: 638

**Description**

Whether the medicine(s) was not in stock in the primary health care during the respondent's most recent related visit

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Clinic visits

**Literal question**

Why were you unable to obtain the medicines from your primary during the most recent related visit?

Mbona hukupata dawa hizo mara ya mwisho ulipotembelea kituoni?

Medicine(s) not in stock

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q6p3\_96)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 407  
Invalid: 638

#### Description

Whether the respondent was referred elsewhere by the medical professional

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Clinic visits

#### Literal question

Why were you unable to obtain the medicines from your primary during the most recent related visit?

Mbona hukupata dawa hizo mara ya mwisho ulipotembelea kituoni?

Referred elsewhere by the medical professional

#### Post question

N/A

#### Interviewer instructions

N/A

### 6.3. Other reason ( Specify ) (dh\_q6p3\_os)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: character  
Width: 181

Valid cases: 46

#### Description

Whether the respondent had other reasons that made him/her unable to obtain the medicines from his/herr primary health care during the most recent related visit

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Clinic visits

#### Literal question

Why were you unable to obtain the medicines from your primary during the most recent related visit?

Mbona hukupata dawa hizo mara ya mwisho ulipotembelea kituoni?

Other (Specify

#### Post question

N/A

#### Interviewer instructions

N/A

## 6.4. How far away do you live from your primary healthcare facility ?

(dh\_q6p4)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: 1-3

Valid cases: 1045  
Invalid: 0

### Description

The distance between the respondent and his/her primary health facility

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Clinic visits

### Literal question

How far away do you live from your primary health facility?

Je, unaishi umbali wa kiasi gani na kituo chako cha afya?

### Post question

N/A

### Interviewer instructions

N/A

## 6.5. Can you please mention the most common form of transport you often use to go (dh\_q6p5)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 26  
Decimals: 0  
Range: 1-96

Valid cases: 1045  
Invalid: 0

### Description

The most common form of transport the respondent often uses to go to his/her primary health facility

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Clinic visits

### Literal question

Can you please mention the most common form of transport you often use to go to your primary facility

Wewe hutumia mbinu gani mara nyingi kufika kituoni humu?

### Post question

N/A

### Interviewer instructions

N/A

## 6.5. Other form of transport ( Specify ) (dh\_q6p5\_os)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: character  
Width: 6

Valid cases: 1  
Invalid: 0

### Description

Other common forms of transport used by the respondent to get to his/her primary health facility

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Clinic visits

### Literal question

Can you please mention the most common form of transport you often use to go to your primary facility

Wewe hutumia mbinu gani mara nyingi kufika kituoni humu?

Other (Specify)\_

### Post question

N/A

### Interviewer instructions

N/A

## 6.6. How long does it take for you to get to your primary healthcare facility? (dh\_q6p6)

File: ngao ya afya (2)

### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-90

Valid cases: 1045  
Invalid: 0  
Minimum: 1  
Maximum: 90  
Mean: 21.5  
Standard deviation: 15.9

### Description

The distance it takes the respondent to get to his/her primary health facility

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Clinic visits

### Literal question

How long does it take for you to get to your primary facility?

Inakuchukua takriban muda wa kiasi gani kufika kituoni chako cha afya?

### Post question

N/A

### Interviewer instructions

N/A

## 6.6. Unit (dh\_q6p6\_time\_unit)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

### Description

Estimated hours and minutes in figures

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Clinic visits

### Literal question

Estimated Hours: |\_|\_|  
Estimated minutes |\_|\_|

### Post question

N/A

### Interviewer instructions

N/A

## 6.7. During the past 6 months , was there ever a time that you felt you needed m (dh\_q6p7)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

### Description

Whether during the past 12 months, there was a time when the respondent felt he/she needed medical help (examination or treatment) but he/she did not receive it

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Clinic visits

### Literal question

During the past 12 months, was there ever a time that you felt you needed medical help (examination or treatment) but you did not receive it?"

Kwa miezi 12 zilizopita, je, kuna wakati ulihisi kuwa unahitaji matibabu lakini hukupata?

### Post question

N/A

### Interviewer instructions

N/A

\*\*\*\*\* (dh\_q6p8\_label)

## File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 1045

### Description

The reason why the respondent did not access healthcare when he/she should have accessed

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Clinic visits

### Literal question

Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)

Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?

### Post question

N/A

### Interviewer instructions

N/A

## 1. Fear of the risk of contracting Covid 19 in the facility. (dh\_q6p8p1)

## File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 296  
Invalid: 749

### Description

Whether fear of the risk of contracting Covid 19 in the health facility was the reason why the respondent did not access healthcare when when he/she should have accessed it

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Clinic visits

### Literal question

Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)

Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?

Fear of the risk of contracting Covid 19 in the facility.

### Post question

N/A

### Interviewer instructions

N/A

## 2. Curfew and other Covid 19 bans on travel (dh\_q6p8p2)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 296  
Invalid: 749

### Description

Whether curfew and other Covid 19 ban on travel was the reason why the respondent did not access healthcare when when he/she should have accessed it

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Clinic visits

### Literal question

Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)

Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?

Curfew and other Covid 19 ban on travel

### Post question

N/A

### Interviewer instructions

N/A

## 3. lacked transport (or money for transport) (dh\_q6p8p3)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 296  
Invalid: 749

### Description

Whether lack of the transport (or money for transport) was the reason why the respondent did not access healthcare when when he/she should have accessed it

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Clinic visits

### Literal question

Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)

Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?

lacked transport (or money for transport)

**Post question**

N/A

**Interviewer instructions**

N/A

## 4. I was too sick to move (dh\_q6p8p4)

### File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 296  
Invalid: 749

**Description**

Whether the respondent being too sick was the reason why he/she did not access healthcare when when he/she should have accessed it

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Clinic visits

**Literal question**

Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)

Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?

Because I was too sick to walk

**Post question**

N/A

**Interviewer instructions**

N/A

## 5. Medication / drugs were out of stock (dh\_q6p8p5)

### File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 296  
Invalid: 749

**Description**

Whether the respondent being told that there were no drugs why he/she did not access healthcare when he/she should have accessed it

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Clinic visits

**Literal question**

Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)

Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?

I was told there were no drugs

**Post question**

N/A

**Interviewer instructions**

N/A

## 6. Treated badly by the health workers on last visit (dh\_q6p8p6) File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: numeric

Width: 8

Decimals: 0

Range: 1-2

Valid cases: 296

Invalid: 749

**Description**

Whether the respondent having been treated badly by the health workers on his/her last visi twas the reason why the he/she did not access healthcare when when he/she should have accessed it

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Clinic visits

**Literal question**

Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)

Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?

Treated badly by the health workers on last visit

**Post question**

N/A

**Interviewer instructions**

N/A

## 7. I visited a traditional healer (dh\_q6p8p7) File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 296  
Invalid: 749

#### Description

Whether the visit by the respondent to the traditional healer was the reason why he/she did not access healthcare when he/she should have accessed it

#### Universe

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Clinic visits

#### Literal question

Which of the following would you describe why you did not access healthcare when you should have accessed? (circle all those that apply)

Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?

I visited a traditional healer

#### Post question

N/A

#### Interviewer instructions

N/A

## 8. I used traditional herbs (dh\_q6p8p8)

### File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 296  
Invalid: 749

#### Description

Whether the respondent's use of traditional herbs was the reason why he/she did not access healthcare when he/she should have accessed it

#### Universe

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Clinic visits

#### Literal question

Which of the following would you describe why you did not access healthcare when you should have accessed? (circle all those that apply)

Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?

I used traditional herbs

#### Post question

N/A

#### Interviewer instructions

N/A

## 9. I bought drugs from a pharmacy (dh\_q6p8p9)

### File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 296  
Invalid: 749

#### Description

Whether the reason why the respondent did not access healthcare when when he/she should have accessed was because, he/she bought drugs from a pharmacy

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Clinic visits

#### Literal question

Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)

Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?

I bought drugs from a pharmacy

#### Post question

N/A

#### Interviewer instructions

N/A

## 10 Other reasons ( Specify ) (dh\_q6p8p10)

### File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 296  
Invalid: 749

#### Description

Whether there were other reasons why the respondent did not access healthcare when when he/she should have accessed it

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Clinic visits

#### Literal question

Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)

Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?

Other reasons (specify)

**Post question**

N/A

**Interviewer instructions**

N/A

## 6.8. Other reasons ( Specify ) (dh\_q6p8p10\_os)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Valid cases: 45

Format: character

Width: 129

**Description**

Whether there were other reasons why the respondent did not access healthcare when when he/she should have accessed it

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Clinic visits

**Literal question**

Which of the following would you describes why you did not access healthcare when you should have accessed? (circle all those that apply)

Ni nini haswa katika orodha hii ungesema kilikuwa chanzo cha kukosa matibabu wakati ulipaswa kupata matibabu hayo?

Other reasons (specify)

**Post question**

N/A

**Interviewer instructions**

N/A

## Hours (dh\_q6p9\_hrs)

File: ngao ya afya (2)

**Overview**

Type: Continuous

Valid cases: 1045

Format: numeric

Invalid: 0

Width: 8

Minimum: 0

Decimals: 0

Maximum: 30

Range: 0-30

Mean: 0.4

Standard deviation: 1.3

**Description**

The number of hours, the respondent had to wait between arriving at the health facility and receiving medical attention?

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Clinic visits

#### Literal question

On your last clinic visit, how long did you wait between arriving at the facility and receiving medical attention?

Ulisubiri muda wa kiasi gani tangu ulipofika kituoni na kupata matibabu?

\_Hours

#### Post question

N/A

#### Interviewer instructions

N/A

Minutes (dh\_q6p9\_minutes)

File: ngao ya afya (2)

#### Overview

Type: Continuous

Format: numeric

Width: 8

Decimals: 0

Range: 0-50

Valid cases: 1045

Invalid: 0

Minimum: 0

Maximum: 50

Mean: 16.9

Standard deviation: 13

#### Description

The number of minutes, the respondent had to wait between arriving at the health facility and receiving medical attention?

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Clinic visits

#### Literal question

On your last clinic visit, how long did you wait between arriving at the facility and receiving medical attention?

Ulisubiri muda wa kiasi gani tangu ulipofika kituoni na kupata matibabu?

Minutes

#### Post question

N/A

#### Interviewer instructions

N/A

6.10 In the past 6 months , How often did your doctor or other health service pr (dh\_q6p10)

File: ngao ya afya (2)

#### Overview

Type: Discrete

Format: numeric

Width: 9

Decimals: 0

Range: 1-5

Valid cases: 1045

Invalid: 0

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Clinic visits

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

6.11 In general, How often do you think the doctors that you communicate with, u (dh\_q6p11)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Clinic visits

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

6.12 How often did your doctor or other health service providers such as nurses, (dh\_q6p12)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Clinic visits

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

### 6.13 How often do you think other health care providers than your doctor such as (dh\_q6p13)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Clinic visits

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

### 6.14 In the past 6 months, how often has a health service provider like either y (dh\_q6p14)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Clinic visits

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

6.15 Thinking back about the care you received in the past 6 months,  
How often d (dh\_q6p15)  
File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Clinic visits

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

How often did you ever leave your doctor's office (dh\_q6p16)  
File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Clinic visits

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

7.1. How many days did you miss work in the last 4 weeks as a result of your  $\{ (dh\_q7p1)$

File: ngao ya afya (2)

**Overview**

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-28

Valid cases: 610  
Invalid: 435  
Minimum: 0  
Maximum: 28  
Mean: 0.9  
Standard deviation: 3.3

**Description**

The number of days the respondent missed work in the last 4 weeks as a result his/her diabetic or hypertensive condition

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Occupational costs

**Literal question**

How many days did you miss work in the last 4 weeks as a result of your diabetic or hypertensive condition? (Only count the missed work days in the last 4 weeks) (Only asked if employed on a payed work)

Je, ni siku ngapi ulikosa kwenda kazini kwa kipindi cha wiki nne zilizopita kutokana na hali yako ya kisukari au shinikizo la damu

**Post question**

N/A

**Interviewer instructions**

N/A

7.2. How many days at work were you bothered by physical or psychological proble (dh\_q7p2)

File: ngao ya afya (2)

**Overview**

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-28

Valid cases: 610  
Invalid: 435  
Minimum: 0  
Maximum: 28  
Mean: 1.1  
Standard deviation: 3.4

**Description**

The number of days the respondent was bothered by his/he physical or psychological probes while at work

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Occupational costs

#### Literal question

How many days at work were you bothered by physical or psychological problems? (Only count the days at work in the last 4 weeks)

Je, ni siku ngapi kazini ulisumbuliwa na shida ya kisaikolojia au kimwili?

#### Post question

N/A

#### Interviewer instructions

N/A

### 7.3. On the days that you were bothered by physical or psychological problems re (dh\_q7p3) File: ngao ya afya (2)

#### Overview

Type: Discrete

Format: numeric

Width: 8

Decimals: 0

Range: 0-10

Valid cases: 136

Invalid: 909

#### Description

The amount of work on average, the respondent could do on the days he/she was bothered by physical or psychological problems

#### Universe

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Occupational costs

#### Literal question

On the days that you were bothered by physical or psychological problems, how much work could you do on average? 0 - 10

Je, kwa hizi siku ulikuwa na tatizo ya kimwili au kisaikolojia, uliweza kufanya kazi kiasi gani kwa wastani?

#### Post question

Look at the figures below. 10 means that you were able to do as much work as you normally do. 0 means that you were unable to do any work on these days. Circle the figure that fits best

#### Interviewer instructions

N/A

### 7.4. How many days were you forced to do less unpaid work because of physical or (dh\_q7p4) File: ngao ya afya (2)

#### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-28

Valid cases: 1045  
Invalid: 0  
Minimum: 0  
Maximum: 28  
Mean: 0.9  
Standard deviation: 3.1

#### Description

The number of days the respondent was forced to do less unpaid work because of physical or psychological problems in the last 4 weeks.

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Occupational costs

#### Literal question

How many days were you forced to do less unpaid work because of physical or psychological problems? Only count the days in the last 4 weeks.

Je, ni siku ngapi ulilazimika kufanya kazi kidogo isiyo na malipo kwa sababu ya matatizo yako ya kimwili au kisaikolojia? Hesabu siku kaika wiki 4 zilizopita

#### Post question

N/A

#### Interviewer instructions

N/A

## 7.5. Imagine that somebody , for example your partner, family member or friend h (dh\_q7p5) File: ngao ya afya (2)

#### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-70

Valid cases: 1045  
Invalid: 0  
Minimum: 0  
Maximum: 70  
Mean: 1.4  
Standard deviation: 4.9

#### Description

Imagine that somebody, for example your partner, family member or friend helped you on these days, and he or she did all the work that you were unable to do for you. How many hours on average did that person spend doing this on these days?

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Occupational costs

#### Literal question

Imagine that somebody, for example your partner, family member or friend helped you on these days, and he or she did all the work that you were unable to do for you. How many hours on average did that person spend doing this on these days?

Fikiria kwamba mtu, kwa mfano mchumba wako, mtu yeyote katika familia au rafiki alikusaidia katika siku hizi, na akazifanya kazi zote hungewezafanya mwenyewe. Alichukua masaa mangapi kwa wastani kufanya kazi hizi?

#### Post question

N/A

#### Interviewer instructions

N/A

## 8.1. How satisfied are you with the care you have received for your hypertension (dh\_q8p1)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 33  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

### Description

The level of satisfaction the respondent have over the care he/she have received for his/her hypertension and/or diabetes at the clinic over the past 3 months

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

How satisfied are you with the care you have received for your hypertension and/or diabetes at the clinic over the past 3 months?

The level of satisfaction the respondent have over the care he/she have received for his/her hypertension and/or diabetes at the clinic over the past 3 months

### Post question

N/A

### Interviewer instructions

N/A

## 8.2. How satisfied are you with the self-monitoring service Afya Pap (service on (dh\_q8p2)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 33  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

### Description

The amount or level of satisfaction the respondent has with the self-monitoring service Afya Pap

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

How satisfied were you with the self-monitoring service Afya Pap?

### Post question

N/A

**Interviewer instructions**

N/A

## 8.21 a Did you receive a blood pressure machine during enrollment in Ngao Ya Afy (dh\_q8p21a)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 878  
Invalid: 167

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Satisfaction with care & Adherence

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## 8.22a Did you receive a glucometer during enrollment in Ngao Ya Afya ? (dh\_q8p22a)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 479  
Invalid: 566

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Satisfaction with care & Adherence

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## 8.21 Do you currently have a functional blood pressure machine? (dh\_q8p21)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 889  
Invalid: 156

### Description

N/A

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

## 8.22 Do you currently have a functional glucometer? (dh\_q8p22) File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 560  
Invalid: 485

### Description

N/A

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

## 8.4. How many days during the last week did you take your hypertension medication (dh\_q8p4)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-7

Valid cases: 878  
Invalid: 167

### Description

The number of days, the respondent took his/her hypertension medication during the last one week

### Universe

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

How many days during the last week did you take your hypertension medications? (0-7)

### Post question

N/A

### Interviewer instructions

N/A

## 8.5. How many days during the last week did you take your diabetes medications? (dh\_q8p5)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-7

Valid cases: 479  
Invalid: 566

### Description

The number of days during the last week, the respondent took his/her diabetes medication

### Universe

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

How many days during the last week did you take your diabetes medications? (0-7)

### Post question

N/A

### Interviewer instructions

N/A

## 8.6. In the past month, how often did you measure your blood pressure values at (dh\_q8p6)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-4

Valid cases: 878  
Invalid: 167

### Description

The number of times the respondent measured his/her blood pressure over the past one month

### Universe

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

In the past month, how often did you measure your blood pressure values?

### Post question

N/A

### Interviewer instructions

N/A

## 8.7. In the past month, how many times have you failed to relay your blood press (dh\_q8p7)

File: ngao ya afya (2)

### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-30

Valid cases: 687  
Invalid: 358  
Minimum: 0  
Maximum: 30  
Mean: 15  
Standard deviation: 13.5

### Description

The number of times the respondent failed to relay his/her blood pressure measurements through his/her phone over the past one month

### Universe

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

In the past month, how many times have you failed to relay your blood pressure measurements through your phone

### Post question

N/A

### Interviewer instructions

N/A

## 8.8. What challenges have you faced in relaying your blood pressure measurements (dh\_q8p8)

File: ngao ya afya (2)

### Overview

Type: Discrete

Valid cases: 581

Format: character

Width: 105

### Description

The type and number of challenges the respondent may have faced in relaying his/her blood pressure measurements

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

What challenges have you faced in relaying your blood pressure measurements? List

### Post question

N/A

### Interviewer instructions

N/A

## 8.9. In the past month, How often did you measure your blood sugar values? (dh\_q8p9)

File: ngao ya afya (2)

### Overview

Type: Discrete

Valid cases: 479

Format: numeric

Invalid: 566

Width: 8

Decimals: 0

Range: 1-4

### Description

The number of times, the respondent measured his/her blood sugar in the past one month

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

In the past month, how often did you measure your blood sugar values?

### Post question

N/A

### Interviewer instructions

N/A

## 8.10. In the past month, how many times have you failed to relay your blood suga (dh\_q8p10)

File: ngao ya afya (2)

### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-30

Valid cases: 479  
Invalid: 566  
Minimum: 0  
Maximum: 30  
Mean: 12.9  
Standard deviation: 13.4

### Description

The number of times, the respondent failed to relay his/her blood sugar measurements through his/her phone in hte past one month

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

In the past month, how many times have you failed to relay your blood sugar measurements through your phone

### Post question

N/A

### Interviewer instructions

N/A

## 8.11. What challenges have you faced in relaying your blood sugar measurements ? (dh\_q8p11)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: character  
Width: 148

Valid cases: 479

### Description

The type and number of challenges the respondent may have faced in relaying his/her blood sugar measurements

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

What challenges have you faced in relaying your blood sugar measurements? List

### Post question

N/A

### Interviewer instructions

N/A

## 8.12 In the past one year have you ever participated in a peer group to help you (dh\_q8p12)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

### Description

N/A

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

## 8.13 How often have you been participating in peer support groups in the past on (dh\_q8p13)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 1-96

Valid cases: 504  
Invalid: 541

### Description

N/A

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

## 8.13 Other frequency (Specify) (dh\_q8p13\_os)

File: ngao ya afya (2)

### Overview

Type: Discrete

Format: character

Width: 92

Valid cases: 25

Invalid: 0

### Description

N/A

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

## 8.14 Why haven't you joined any peer group? (dh\_q8p14)

File: ngao ya afya (2)

### Overview

Type: Discrete

Format: character

Width: 5

Valid cases: 541

Invalid: 0

### Description

N/A

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

Satisfaction with care & Adherence

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

(dh\_q8p14\_1)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 541  
Invalid: 504

#### Description

N/A

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Satisfaction with care & Adherence

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

(dh\_q8p14\_2)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 541  
Invalid: 504

#### Description

N/A

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Satisfaction with care & Adherence

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

(dh\_q8p14\_3)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 541  
Invalid: 504

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Satisfaction with care & Adherence

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q8p14\_4)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 541  
Invalid: 504

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Satisfaction with care & Adherence

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q8p14\_96)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 541  
Invalid: 504

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Satisfaction with care & Adherence

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## 8.14 Other reason (Specify) (dh\_q8p14\_os)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Valid cases: 84

Format: character

Width: 133

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Satisfaction with care & Adherence

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## \*\*\*\*\* (dh\_q9\_label)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Valid cases: 0

Format: numeric

Invalid: 1045

Width: 12

Decimals: 0

Range: 1-98

**Description**

Whether the respondent has ever been told by a doctor or a qualified health service provider that he/she has any of the following conditions

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Underlying conditions

**Literal question**

Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions

**Post question**

N/A

**Interviewer instructions**

N/A

## 9.2. Asthma (dh\_q9p2)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

**Description**

Whether the respondent has ever been told by a doctor or a qualified health service provider that he/she has Asthma or not

**Universe**

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Underlying conditions

**Literal question**

Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions

Asthma

**Post question**

N/A

**Interviewer instructions**

N/A

## 9.3. Cardiac disease (dh\_q9p3)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

**Description**

Whether the respondent has ever been told by a doctor or a qualified health service provider that he/she has Cardiac disease or not

**Universe**

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Underlying conditions

**Literal question**

Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions.

Cardiac disease

**Post question**

N/A

**Interviewer instructions**

N/A

## 9.4. Chronic liver disease (dh\_q9p4)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

**Description**

Whether the respondent has ever been told by a doctor or a qualified health service provider that he/she has Chronic liver disease or not

**Universe**

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Underlying conditions

**Literal question**

Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions

Chronic liver disease

**Post question**

N/A

**Interviewer instructions**

N/A

## 9.4.1 Chronic kidney disease (dh\_q9p4p1)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

**Description**

Whether the respondent has ever been told by a doctor or a qualified health service provider that he/she has Chronic kidney disease or not

**Universe**

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Underlying conditions

**Literal question**

Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions

Chronic kidney disease

**Post question**

N/A

**Interviewer instructions**

N/A

## 9.5. Chronic neurological/neuromuscular disease (dh\_q9p5)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

**Description**

Whether the respondent has ever been told by a doctor or a qualified health service provider that he/she has Chronic neurological/neuromuscular disease or not

**Universe**

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Underlying conditions

**Literal question**

Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions

Chronic neurological/neuromuscular disease

**Post question**

N/A

**Interviewer instructions**

N/A

## 9.6. COPD/Chronic pulmonary disease (dh\_q9p6)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

**Description**

Whether the respondent has ever been told by a doctor or a qualified health service provider that he/she has COPD/Chronic pulmonary disease or not

**Universe**

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Underlying conditions

**Literal question**

Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions

COPD/Chronic pulmonary disease

**Post question**

N/A

**Interviewer instructions**

N/A

## 9.6.1 HIV/AIDs (dh\_q9p6p1)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Underlying conditions

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## 9.6.2 Mental illness (dh\_q9p6p2)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Underlying conditions

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

### 9.6.3 Cancer (dh\_q9p6p3)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Underlying conditions

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

### 9.6.4 Tuberculosis (TB) (dh\_q9p6p4)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-98

Valid cases: 1036  
Invalid: 9

**Description**

N/A

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Underlying conditions

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## 9.7. Other Chronic illness (dh\_q9p7)

### File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 1-98

Valid cases: 1045  
Invalid: 0

#### Description

Whether the respondent has ever been told by a doctor or a qualified health service provider that he/she has Other (Chronic illness) which are not part of those provided in the options

#### Universe

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Underlying conditions

#### Literal question

Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions

Other (Chronic illness) Please specify

#### Post question

N/A

#### Interviewer instructions

N/A

## 9.7. Other Chronic illness ( Specify ) (dh\_q9p7\_os)

### File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: character  
Width: 56

Valid cases: 107  
Invalid: 0

#### Description

Whether the respondent has ever been told by a doctor or a qualified health service provider that he/she has Other (Chronic illness) which are not part of those provided in the options

#### Universe

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Underlying conditions

#### Literal question

Have you ever been told by a doctor or a qualified health service provider that you have any of the following conditions

Other (Chronic illness) Please specify

#### Post question

N/A

#### Interviewer instructions

N/A

### 9.8.1. Taking lots of medications (dh\_q9p8p1)

#### File: ngao ya afya (2)

##### Overview

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

##### Description

The level of difficulty the respondent had with taking lots of medication

##### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

##### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

##### Pre question

Treatment Burden

##### Literal question

We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you)

Taking lots of medications

The level of difficulty the respondent had with taking lots of medication

##### Post question

N/A

##### Interviewer instructions

N/A

### 9.8.2. Remembering how and when to take medication (dh\_q9p8p2)

#### File: ngao ya afya (2)

##### Overview

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

##### Description

The level of difficulty the respondent had with remembering how and when to take medication

##### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

##### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

##### Pre question

Treatment Burden

##### Literal question

We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you)

Remembering how and when to take medication

##### Post question

N/A

#### Interviewer instructions

N/A

### 9.8.3. Paying for prescriptions, over the counter medication or equipment (dh\_q9p8p3)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

#### Description

The level of difficulty the respondent had with Paying for prescriptions, over the counter medication or equipment

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Treatment Burden

#### Literal question

We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you)

Paying for prescriptions, over the counter medication or equipment

#### Post question

N/A

#### Interviewer instructions

N/A

### 9.8.4. Collecting prescription medication (dh\_q9p8p4)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

#### Description

The level of difficulty the respondent had with Collecting prescription medication

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Treatment Burden

#### Literal question

We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us how much difficulty you have with the following: (Please tick the box that most applies to you)

Collecting prescription medication

**Post question**

N/A

**Interviewer instructions**

N/A

## 9.8.5. Monitoring your medical conditions (e.g. checking your blood pressure or (dh\_q9p8p5)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

The level of difficulty the respondent had with Monitoring his/her medical conditions (e.g. checking his/her blood pressure or blood sugar, monitoring his/her symptoms etc.)

**Universe**

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Treatment Burden

**Literal question**

We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us how much difficulty you have with the following: (Please tick the box that most applies to you)

Monitoring your medical conditions (e.g. checking your blood pressure or blood sugar, monitoring your symptoms etc.)

**Post question**

N/A

**Interviewer instructions**

N/A

## 9.8.6. Arranging appointments with health professionals (dh\_q9p8p6)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

The level of difficulty the respondent had with arranging appointments with health professionals

**Universe**

Patients of Hypertension and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Treatment Burden

**Literal question**

We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us how much difficulty you have with the following: (Please tick the box that most applies to you)

Arranging appointments with health professionals

**Post question**

N/A

**Interviewer instructions**

N/A

### 9.8.7. Seeing lots of different health professionals (dh\_q9p8p7) File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

The level of difficulty the respondent had with Seeing lots of different health professionals

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Treatment Burden

**Literal question**

We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us how much difficulty you have with the following: (Please tick the box that most applies to you)

Seeing lots of different health professionals

**Post question**

N/A

**Interviewer instructions**

N/A

### 9.8.8. Attending appointments with health professionals (e.g. getting time off w (dh\_q9p8p8) File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

The level of difficulty the respondent had with Attending appointments with health professionals (e.g. getting time off work, arranging transport etc.)

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Treatment Burden

**Literal question**

We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you)

Attending appointments with health professionals (e.g. getting time off work, arranging transport etc.)

**Post question**

N/A

**Interviewer instructions**

N/A

### 9.8.9. Getting health care in the evenings and at weekends (dh\_q9p8p9)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: numeric

Width: 19

Decimals: 0

Range: 1-5

Valid cases: 1045

Invalid: 0

**Description**

The level of difficulty the respondent had with Getting health care in the evenings and at weekends

**Universe**

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

**Source of information**

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

**Pre question**

Treatment Burden

**Literal question**

We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you)

Getting health care in the evenings and at weekends

**Post question**

N/A

**Interviewer instructions**

N/A

### 9.8.10. Getting help from community services (e.g. physiotherapy, district nurse (dh\_q9p8p10))

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

#### Description

The level of difficulty the respondent had with getting help from community services (e.g. physiotherapy, district nurses etc.)

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Treatment Burden

#### Literal question

We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you)

Getting help from community services (e.g. physiotherapy, district nurses etc.)

#### Post question

N/A

#### Interviewer instructions

N/A

## 9.8.11. Obtaining clear and up-to date information about your condition (dh\_q9p8p11) File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

#### Description

The level of difficulty the respondent had with obtaining clear and up-to date information about his/her condition

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Treatment Burden

#### Literal question

We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us know how much difficulty you have with the following: (Please tick the box that most applies to you)

Obtaining clear and up-to date information about your condition

#### Post question

N/A

#### Interviewer instructions

N/A

## 9.8.12. Having to rely on help from family and friends (dh\_q9p8p12)

### File: ngao ya afya (2)

#### Overview

|                 |                   |
|-----------------|-------------------|
| Type: Discrete  | Valid cases: 1045 |
| Format: numeric | Invalid: 0        |
| Width: 19       |                   |
| Decimals: 0     |                   |
| Range: 1-5      |                   |

#### Description

The level of difficulty the respondent had with having to rely on help from family and friends

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

Treatment Burden

#### Literal question

We are interested in finding out about the effort you have to make to look after your health and how this impacts on your day-to-day life. Please tell us how much difficulty you have with the following: (Please tick the box that most applies to you)

Having to rely on help from family and friends

#### Post question

N/A

#### Interviewer instructions

N/A

## Systolic 1 (sys1)

### File: ngao ya afya (2)

#### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 562         |
| Format: numeric  | Invalid: 483             |
| Width: 8         | Minimum: 87              |
| Decimals: 0      | Maximum: 220             |
| Range: 87-220    | Mean: 137.7              |
|                  | Standard deviation: 18.1 |

#### Description

Readings of systolic part of the blood pressure measurement for the first time

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

ANTHROPOMETRIC MEASUREMENTS

#### Literal question

Blood pressure measurement 1

#### Post question

N/A

#### Interviewer instructions

N/A

## Diastolic 1 (dys1)

### File: ngao ya afya (2)

#### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 562         |
| Format: numeric  | Invalid: 483             |
| Width: 8         | Minimum: 53              |
| Decimals: 0      | Maximum: 141             |
| Range: 53-141    | Mean: 87.3               |
|                  | Standard deviation: 11.9 |

#### Description

Readings of diastolic part of the blood pressure measurement for the first time

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

ANTHROPOMETRIC MEASUREMENTS

#### Literal question

Blood pressure measurement 1

#### Post question

N/A

#### Interviewer instructions

N/A

## pulse 1 (pul\_1)

### File: ngao ya afya (2)

#### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 605         |
| Format: numeric  | Invalid: 440             |
| Width: 8         | Minimum: 0               |
| Decimals: 0      | Maximum: 127             |
| Range: 0-127     | Mean: 72.7               |
|                  | Standard deviation: 22.8 |

#### Description

N/A

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

ANTHROPOMETRIC MEASUREMENTS

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

## Systolic 2 (sys2)

### File: ngao ya afya (2)

### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 560         |
| Format: numeric  | Invalid: 485             |
| Width: 8         | Minimum: 80              |
| Decimals: 0      | Maximum: 204             |
| Range: 80-204    | Mean: 134.8              |
|                  | Standard deviation: 17.5 |

### Description

Readings of systolic part of the blood pressure measurement taken for the second time

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

ANTHROPOMETRIC MEASUREMENTS

### Literal question

Blood pressure measurement 2

### Post question

N/A

### Interviewer instructions

N/A

## Diastolic 2 (dys2)

### File: ngao ya afya (2)

### Overview

|                  |                        |
|------------------|------------------------|
| Type: Continuous | Valid cases: 560       |
| Format: numeric  | Invalid: 485           |
| Width: 8         | Minimum: 49            |
| Decimals: 0      | Maximum: 129           |
| Range: 49-129    | Mean: 85.8             |
|                  | Standard deviation: 11 |

### Description

Readings of diastolic part of the blood pressure measurement taken for the second time

### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

### Pre question

ANTHROPOMETRIC MEASUREMENTS

### Literal question

Blood pressure measurement 2

### Post question

N/A

### Interviewer instructions

N/A

## pulse 2 (pul\_2)

### File: ngao ya afya (2)

### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 604         |
| Format: numeric  | Invalid: 441             |
| Width: 8         | Minimum: 0               |
| Decimals: 0      | Maximum: 191             |
| Range: 0-191     | Mean: 72.4               |
|                  | Standard deviation: 23.1 |

#### Description

N/A

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

ANTHROPOMETRIC MEASUREMENTS

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

## Systolic 3 (sys3)

File: ngao ya afya (2)

#### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 559         |
| Format: numeric  | Invalid: 486             |
| Width: 8         | Minimum: 70              |
| Decimals: 0      | Maximum: 211             |
| Range: 70-211    | Mean: 133.4              |
|                  | Standard deviation: 18.3 |

#### Description

N/A

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

ANTHROPOMETRIC MEASUREMENTS

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

## Diastolic 3 (dys3)

File: ngao ya afya (2)

#### Overview

|                  |                        |
|------------------|------------------------|
| Type: Continuous | Valid cases: 559       |
| Format: numeric  | Invalid: 486           |
| Width: 8         | Minimum: 38            |
| Decimals: 0      | Maximum: 185           |
| Range: 38-185    | Mean: 85.2             |
|                  | Standard deviation: 12 |

#### Description

N/A

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

ANTHROPOMETRIC MEASUREMENTS

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

pulse 3 (pul\_3)

File: ngao ya afya (2)

#### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 604         |
| Format: numeric  | Invalid: 441             |
| Width: 8         | Minimum: 0               |
| Decimals: 0      | Maximum: 118             |
| Range: 0-118     | Mean: 71.6               |
|                  | Standard deviation: 22.8 |

#### Description

N/A

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

ANTHROPOMETRIC MEASUREMENTS

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

11.8. Have you eaten anything in the last 8 hours? (dh\_q11p8)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 618  
Invalid: 427

#### Description

Whether the respondent has eaten anything in the last 8 hours or not

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Literal question

Eaten anything in the last 8 hours?

#### Post question

N/A

#### Interviewer instructions

N/A

## 11.9. Blood glucose (dh\_q11p9)

### File: ngao ya afya (2)

#### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-36

Valid cases: 377  
Invalid: 668  
Minimum: 0  
Maximum: 36  
Mean: 9.1  
Standard deviation: 5

#### Description

N/A

#### Universe

Patients of Hypertention and Diabetes in low and middle income parts of Nairobi, who are enrolled on M-TIBA

#### Source of information

Patient of Hypertension and Diabetes who are enrolled on M-TIBA

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

## 16.2 FW: RECORD QUESTIONS AND COMMENTS RAISED BY THE RESPONDENTS (dh\_q16p2)

### File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: character  
Width: 244

Valid cases: 599

#### Description

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## 16.3 END TIME (24HOURS) (dh\_q16p3)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 11

Valid cases: 1045

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## Are you the TL? (js\_hh\_tl\_consent)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: numeric

Width: 8

Decimals: 0

Range: 1-2

Valid cases: 1045

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## TL's Secret Code (passcode)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 1

Valid cases: 0

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## END TIME (tl\_end\_time)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: numeric

Width: 8

Decimals: 0

Valid cases: 0

Invalid: 1045

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## Mark Complete (tl\_edited)

### File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0

Valid cases: 0  
Invalid: 1045

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

## (sensitive\_passcode)

### File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0  
Invalid: 0

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

## instanceName (instancename)

### File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: character  
Width: 27

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## Form version used on device (formdef\_version)

### File: ngao ya afya (2)

**Overview**

Type: Continuous

Format: numeric

Width: 12

Decimals: 0

Range: 2009081118-2009151500

Valid cases: 1045

Invalid: 0

Minimum: 2009081118

Maximum: 2009151500

Mean: 2009138440.5

Standard deviation: 19349

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## Unique submission ID (key)

### File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 41

Valid cases: 1045

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

Date/time submitted (submissiondate)

File: ngao ya afya (2)

**Overview**

Type: Continuous  
Format: numeric  
Width: 11  
Decimals: 0  
Range: 1915192065000-1919082378000

Valid cases: 1045  
Invalid: 0  
Minimum: 1915192065000  
Maximum: 1919082378000  
Mean: 1916348431911  
Standard deviation: 665713392.1

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(start)

File: ngao ya afya (2)

**Overview**

Type: Continuous  
Format: numeric  
Width: 11  
Decimals: 0  
Range: 1915184134000-1918761095000

Valid cases: 1045  
Invalid: 0  
Minimum: 1915184134000  
Maximum: 1918761095000  
Mean: 1916263530152.2  
Standard deviation: 635986341.7

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(end)

File: ngao ya afya (2)

**Overview**

Type: Continuous  
Format: numeric  
Width: 11  
Decimals: 0  
Range: 1915191975000-1919082365000

Valid cases: 1045  
Invalid: 0  
Minimum: 1915191975000  
Maximum: 1919082365000  
Mean: 1916331455765.6  
Standard deviation: 662510954.5

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(today)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: character  
Width: 11

Valid cases: 1045  
Minimum: NaN  
Maximum: NaN

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

### 1.3 DATE OF INTERVIEW (DD/MM/YYYY) (erd\_q1p3)

File: ngao ya afya (2)

| Overview                 |                   |
|--------------------------|-------------------|
| Type: Discrete           | Valid cases: 1045 |
| Format: character        | Minimum: NaN      |
| Width: 11                | Maximum: NaN      |
| Description              |                   |
| N/A                      |                   |
| Universe                 |                   |
| N/A                      |                   |
| Source of information    |                   |
| N/A                      |                   |
| Pre question             |                   |
| N/A                      |                   |
| Literal question         |                   |
| N/A                      |                   |
| Post question            |                   |
| N/A                      |                   |
| Interviewer instructions |                   |
| N/A                      |                   |

### 2.5. What was date of the first symptom ? (dh\_q2p5)

File: ngao ya afya (2)

| Overview                 |                  |
|--------------------------|------------------|
| Type: Discrete           | Valid cases: 108 |
| Format: character        | Minimum: NaN     |
| Width: 11                | Maximum: NaN     |
| Description              |                  |
| N/A                      |                  |
| Universe                 |                  |
| N/A                      |                  |
| Source of information    |                  |
| N/A                      |                  |
| Pre question             |                  |
| N/A                      |                  |
| Literal question         |                  |
| N/A                      |                  |
| Post question            |                  |
| N/A                      |                  |
| Interviewer instructions |                  |
| N/A                      |                  |

### TL Date (tl\_date)

File: ngao ya afya (2)

| Overview |
|----------|
|----------|

Type: Discrete

Valid cases: 0

Format: character

Width: 11

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q9p8p1\_new)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Valid cases: 1045

Format: numeric

Invalid: 0

Width: 19

Decimals: 0

Range: 0-4

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q9p8p2\_new)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Valid cases: 1045

Format: numeric

Invalid: 0

Width: 19

Decimals: 0

Range: 0-4

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q9p8p4\_new)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q9p8p5\_new)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q9p8p6\_new)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q9p8p7\_new)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q9p8p8\_new)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q9p8p10\_new)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q9p8p11\_new)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(dh\_q9p8p12\_new)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq1)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq2)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq3)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq4)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq5)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq6)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq7)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq8)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq9)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq10)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq1\_score)

File: ngao ya afya (2)

**Overview**

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-100

Valid cases: 1045  
Invalid: 0  
Minimum: 0  
Maximum: 100  
Mean: 13.7  
Standard deviation: 27.5

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq2\_score)

File: ngao ya afya (2)

#### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 1045        |
| Format: numeric  | Invalid: 0               |
| Width: 9         | Minimum: 0               |
| Decimals: 0      | Maximum: 100             |
| Range: 0-100     | Mean: 9.4                |
|                  | Standard deviation: 20.7 |

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

(mtbq3\_score)

File: ngao ya afya (2)

#### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 1045        |
| Format: numeric  | Invalid: 0               |
| Width: 9         | Minimum: 0               |
| Decimals: 0      | Maximum: 100             |
| Range: 0-100     | Mean: 17.1               |
|                  | Standard deviation: 29.2 |

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

(mtbq4\_score)

File: ngao ya afya (2)

### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 1045        |
| Format: numeric  | Invalid: 0               |
| Width: 9         | Minimum: 0               |
| Decimals: 0      | Maximum: 100             |
| Range: 0-100     | Mean: 18.9               |
|                  | Standard deviation: 31.6 |

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

(mtbq5\_score)

File: ngao ya afya (2)

### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 1045        |
| Format: numeric  | Invalid: 0               |
| Width: 9         | Minimum: 0               |
| Decimals: 0      | Maximum: 100             |
| Range: 0-100     | Mean: 12.7               |
|                  | Standard deviation: 26.4 |

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

(mtbq6\_score)

File: ngao ya afya (2)

### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 1045        |
| Format: numeric  | Invalid: 0               |
| Width: 9         | Minimum: 0               |
| Decimals: 0      | Maximum: 100             |
| Range: 0-100     | Mean: 19.4               |
|                  | Standard deviation: 31.1 |

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq7\_score)

File: ngao ya afya (2)

**Overview**

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 1045        |
| Format: numeric  | Invalid: 0               |
| Width: 9         | Minimum: 0               |
| Decimals: 0      | Maximum: 100             |
| Range: 0-100     | Mean: 19.9               |
|                  | Standard deviation: 32.1 |

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq8\_score)

File: ngao ya afya (2)

**Overview**

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 1045        |
| Format: numeric  | Invalid: 0               |
| Width: 9         | Minimum: 0               |
| Decimals: 0      | Maximum: 100             |
| Range: 0-100     | Mean: 21.4               |
|                  | Standard deviation: 33.3 |

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq9\_score)

File: ngao ya afya (2)

**Overview**

|                  |                        |
|------------------|------------------------|
| Type: Continuous | Valid cases: 1045      |
| Format: numeric  | Invalid: 0             |
| Width: 9         | Minimum: 0             |
| Decimals: 0      | Maximum: 100           |
| Range: 0-100     | Mean: 12               |
|                  | Standard deviation: 24 |

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq10\_score)

File: ngao ya afya (2)

**Overview**

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 1045        |
| Format: numeric  | Invalid: 0               |
| Width: 9         | Minimum: 0               |
| Decimals: 0      | Maximum: 100             |
| Range: 0-100     | Mean: 25.3               |
|                  | Standard deviation: 34.5 |

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(mtbq\_avg)

File: ngao ya afya (2)

**Overview**

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 1045        |
| Format: numeric  | Invalid: 0               |
| Width: 9         | Minimum: 0               |
| Decimals: 0      | Maximum: 85              |
| Range: 0-85      | Mean: 17                 |
|                  | Standard deviation: 18.1 |

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(global\_mtbq)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: 1-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(follow\_sugar)

File: ngao ya afya (2)

**Overview**

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 2.40000009536743-36

Valid cases: 346  
Invalid: 699  
Minimum: 2.4  
Maximum: 36  
Mean: 9.9  
Standard deviation: 4.4

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(follow\_fasting\_sugar)

File: ngao ya afya (2)

**Overview**

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 2.40000009536743-18

Valid cases: 23  
Invalid: 1022  
Minimum: 2.4  
Maximum: 18  
Mean: 8.3  
Standard deviation: 3.9

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(follow\_random\_sugar)  
File: ngao ya afya (2)

**Overview**

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 3.40000009536743-36

Valid cases: 323  
Invalid: 722  
Minimum: 3.4  
Maximum: 36  
Mean: 10  
Standard deviation: 4.4

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(sugar\_measurements)  
File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(dm\_control)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 15  
Decimals: 0  
Range: 0-1

Valid cases: 346  
Invalid: 699

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(follow\_Systolic)

File: ngao ya afya (2)

**Overview**

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 89-209.66667175293

Valid cases: 559  
Invalid: 486  
Minimum: 89  
Maximum: 209.7  
Mean: 135.3  
Standard deviation: 17.2

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

(follow\_Diastolic)

File: ngao ya afya (2)

#### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 53.6666679382324-134.66667175293

Valid cases: 559  
Invalid: 486  
Minimum: 53.7  
Maximum: 134.7  
Mean: 86.1  
Standard deviation: 10.9

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

(pressure\_measurements)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(follow\_hcontrol)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 16  
Decimals: 0  
Range: 0-1

Valid cases: 559  
Invalid: 486

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(multimorbidity)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(birth\_date)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: character  
Width: 10

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(birthdate\_n)

File: ngao ya afya (2)

**Overview**

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -12783-13935

Valid cases: 1045  
Invalid: 0  
Minimum: -12783  
Maximum: 13935  
Mean: 1267.5  
Standard deviation: 4623.4

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(survey\_date)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 11

Valid cases: 1045

Minimum: NaN

Maximum: NaN

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(birth)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: numeric

Width: 9

Decimals: 0

Valid cases: 0

Invalid: 1045

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

### Interviewer instructions

N/A

(date1)

File: ngao ya afya (2)

### Overview

Type: Discrete

Format: character

Width: 11

Valid cases: 1045

Minimum: NaN

Maximum: NaN

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

(age)

File: ngao ya afya (2)

### Overview

Type: Continuous

Format: numeric

Width: 2

Decimals: 0

Range: 22.573579788208-95.7262115478516

Valid cases: 1045

Invalid: 0

Minimum: 22.6

Maximum: 95.7

Mean: 57.3

Standard deviation: 12.7

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

(education\_level\_c)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 1-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(education\_level)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-7

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(employ)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 19  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(marital)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 35  
Decimals: 0  
Range: 1-4

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(integration\_1)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(integration\_2)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(integration\_3)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(integration\_4)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(integration\_5)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(integration\_7)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(integration\_6)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(integration\_score)

File: ngao ya afya (2)

**Overview**

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-5

Valid cases: 1045  
Invalid: 0  
Minimum: 1  
Maximum: 5  
Mean: 3.1  
Standard deviation: 0.7

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(integration\_cate)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-3

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## date\_created (date\_created)

File: ngao ya afya (2)

### Overview

Type: Discrete

Format: character

Width: 10

Valid cases: 649

Invalid: 0

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

## status (status)

File: ngao ya afya (2)

### Overview

Type: Discrete

Format: character

Width: 7

Valid cases: 649

Invalid: 0

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

## AccountStatus (AccountStatus)

File: ngao ya afya (2)

### Overview

Type: Discrete

Format: character

Width: 8

Valid cases: 649

Invalid: 0

### Description

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

name (name)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 14

Valid cases: 649

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

Diagnosis (V291)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 12

Valid cases: 649

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## Arm (Arm)

### File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 9

Valid cases: 649

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## (H)

### File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 1

Valid cases: 0

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(study\_arm)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-4

Valid cases: 1045  
Invalid: 0

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

(study\_arm\_htn)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-3

Valid cases: 803  
Invalid: 242

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

(study\_arm\_dm)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-2

Valid cases: 357  
Invalid: 688

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(follow\_bp\_frequency)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-4

Valid cases: 878  
Invalid: 167

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(peer\_groups)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: 1-96

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(order\_freq\_bpmeasure)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-4

Valid cases: 878  
Invalid: 167

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(bpmeasure\_category)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-1

Valid cases: 878  
Invalid: 167

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(peer\_groups\_cat)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(bgmeasure\_category)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-1

Valid cases: 479  
Invalid: 566

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(functional\_bp)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-2

Valid cases: 889  
Invalid: 156

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

dh\_q8p21==2 (ldh\_q8p21\_2)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 889  
Invalid: 156

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

peer\_groups\_cat==2 (lpeer\_grou\_2)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

sex==2 (lsex\_2)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## education\_level\_c==2 (leducation\_2)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

## education\_level\_c==3 (leducation\_3)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

## education\_level\_c==4 (leducation\_4)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

employ==2 (lemploy\_2)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

employ==3 (lemploy\_3)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

employ==4 (lemploy\_4)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

employ==5 (lemploy\_5)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(multimorbidity\_trial)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(alcohol\_use)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(age\_cat)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-4

Valid cases: 1024  
Invalid: 21

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(sugar\_cons)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(salt\_consus)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(unhealthy\_diet)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(htn\_med\_adh)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-1

Valid cases: 877  
Invalid: 168

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

(dm\_med\_adh)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-1

Valid cases: 425  
Invalid: 620

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

(group\_measure\_htn)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 16  
Decimals: 0  
Range: 1-2

Valid cases: 634  
Invalid: 411

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(group\_measure\_dm)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 16  
Decimals: 0  
Range: 1-2

Valid cases: 415  
Invalid: 630

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(home\_measure)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-2

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(unmet\_need)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(r\_unmet\_need)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0-1

Valid cases: 1045  
Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(foll\_freq\_health)

File: ngao ya afya (2)

**Overview**

Type: Continuous

Format: numeric

Width: 9

Decimals: 0

Range: 0-48

Valid cases: 1045

Invalid: 0

Minimum: 0

Maximum: 48

Mean: 3.1

Standard deviation: 4

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

vlookup (vlookup)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 64

Valid cases: 435

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

sugar\_reading\_date (sugar\_reading\_date)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 24

Valid cases: 85

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

bpreading\_date (bpreading\_date)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 24

Valid cases: 435

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## systolic (systolic)

### File: ngao ya afya (2)

#### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 430         |
| Format: numeric  | Invalid: 615             |
| Width: 10        | Minimum: 80              |
| Decimals: 0      | Maximum: 189             |
| Range: 80-189    | Mean: 130.6              |
|                  | Standard deviation: 17.8 |

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

## diastolic (diastolic)

### File: ngao ya afya (2)

#### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 323         |
| Format: numeric  | Invalid: 722             |
| Width: 10        | Minimum: 50              |
| Decimals: 0      | Maximum: 120             |
| Range: 50-120    | Mean: 84.8               |
|                  | Standard deviation: 10.7 |

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

## bloodsugar (bloodsugar)

### File: ngao ya afya (2)

### Overview

|                  |                         |
|------------------|-------------------------|
| Type: Continuous | Valid cases: 37         |
| Format: numeric  | Invalid: 1008           |
| Width: 10        | Minimum: 3.3            |
| Decimals: 0      | Maximum: 18.5           |
| Range: 3.3-18.5  | Mean: 9.4               |
|                  | Standard deviation: 4.1 |

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

type (type)

File: ngao ya afya (2)

### Overview

|                   |                  |
|-------------------|------------------|
| Type: Discrete    | Valid cases: 435 |
| Format: character | Invalid: 0       |
| Width: 7          |                  |

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

(date\_sugar\_reading)

File: ngao ya afya (2)

### Overview

|                   |                 |
|-------------------|-----------------|
| Type: Discrete    | Valid cases: 67 |
| Format: character | Minimum: NaN    |
| Width: 11         | Maximum: NaN    |

### Description

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(date\_pressure\_reading)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 11

Valid cases: 386

Minimum: NaN

Maximum: NaN

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(year\_bpreading)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: numeric

Width: 9

Decimals: 0

Range: 2019-2020

Valid cases: 386

Invalid: 659

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(month\_bpreading)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-12

Valid cases: 386  
Invalid: 659

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(year\_sugar\_reading)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 2015-2020

Valid cases: 67  
Invalid: 978

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(month\_sugar\_reading)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-12

Valid cases: 67  
Invalid: 978

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(period\_bp)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 15  
Decimals: 0  
Range: 1-8

Valid cases: 386  
Invalid: 659

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(meansystolic)

File: ngao ya afya (2)

#### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 430         |
| Format: numeric  | Invalid: 615             |
| Width: 9         | Minimum: 80              |
| Decimals: 0      | Maximum: 189             |
| Range: 80-189    | Mean: 130.7              |
|                  | Standard deviation: 17.4 |

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

(meandiastolic)

File: ngao ya afya (2)

#### Overview

|                  |                          |
|------------------|--------------------------|
| Type: Continuous | Valid cases: 325         |
| Format: numeric  | Invalid: 720             |
| Width: 9         | Minimum: 50              |
| Decimals: 0      | Maximum: 120             |
| Range: 50-120    | Mean: 84.8               |
|                  | Standard deviation: 10.6 |

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

(meanbloodsugar)

File: ngao ya afya (2)

### Overview

|                              |                         |
|------------------------------|-------------------------|
| Type: Continuous             | Valid cases: 48         |
| Format: numeric              | Invalid: 997            |
| Width: 9                     | Minimum: 1.4            |
| Decimals: 0                  | Maximum: 18.5           |
| Range: 1.42499995231628-18.5 | Mean: 9.4               |
|                              | Standard deviation: 4.2 |

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

(dup)

File: ngao ya afya (2)

### Overview

|                 |                  |
|-----------------|------------------|
| Type: Discrete  | Valid cases: 435 |
| Format: numeric | Invalid: 610     |
| Width: 9        |                  |
| Decimals: 0     |                  |
| Range: 0-1      |                  |

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

(n1p)

File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-2

Valid cases: 435  
Invalid: 610

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(n2p)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-6

Valid cases: 435  
Invalid: 610

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(totals)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-6

Valid cases: 435  
Invalid: 610

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(frequency\_bp)

File: ngao ya afya (2)

**Overview**

Type: Continuous

Format: numeric

Width: 9

Decimals: 0

Range: 1-262

Valid cases: 435

Invalid: 610

Minimum: 1

Maximum: 262

Mean: 14.2

Standard deviation: 24.7

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(enrollment\_date)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 10

Valid cases: 1045

Invalid: 0

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(date\_enrollment)

File: ngao ya afya (2)

**Overview**

Type: Discrete

Format: character

Width: 11

Valid cases: 1045

Minimum: NaN

Maximum: NaN

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(bpperiod\_year)

File: ngao ya afya (2)

**Overview**

Type: Continuous

Format: numeric

Width: 9

Decimals: 0

Range: 0.824093103408814-1.72758388519287

Valid cases: 1045

Invalid: 0

Minimum: 0.8

Maximum: 1.7

Mean: 1.2

Standard deviation: 0.2

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(follow\_up\_pperiod\_months)

File: ngao ya afya (2)

**Overview**

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 9.88911724090576-20.7310066223145

Valid cases: 1045  
Invalid: 0  
Minimum: 9.9  
Maximum: 20.7  
Mean: 13.9  
Standard deviation: 2.4

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(monthly\_bpfreq)

File: ngao ya afya (2)

**Overview**

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0.0499794743955135-12.9039239883423

Valid cases: 435  
Invalid: 610  
Minimum: 0.1  
Maximum: 12.9  
Mean: 1  
Standard deviation: 1.5

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(ceil\_monthly\_bpfreq)

File: ngao ya afya (2)

#### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-13

Valid cases: 435  
Invalid: 610

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

(frequency\_sugar)

File: ngao ya afya (2)

#### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-91

Valid cases: 182  
Invalid: 863  
Minimum: 1  
Maximum: 91  
Mean: 13.1  
Standard deviation: 16.6

#### Description

N/A

#### Universe

N/A

#### Source of information

N/A

#### Pre question

N/A

#### Literal question

N/A

#### Post question

N/A

#### Interviewer instructions

N/A

## (monthly\_sugarfreq) File: ngao ya afya (2)

### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 0.0483134910464287-7.17568016052246

Valid cases: 182  
Invalid: 863  
Minimum: 0  
Maximum: 7.2  
Mean: 0.9  
Standard deviation: 1.2

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

## (ceil\_monthly\_sugarfreq) File: ngao ya afya (2)

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-8

Valid cases: 182  
Invalid: 863

### Description

N/A

### Universe

N/A

### Source of information

N/A

### Pre question

N/A

### Literal question

N/A

### Post question

N/A

### Interviewer instructions

N/A

## (cat\_monthly\_bpfreq) File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 16  
Decimals: 0  
Range: 1-3

Valid cases: 901  
Invalid: 144

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

(cat\_monthly\_sugarfreq)

File: ngao ya afya (2)

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 1-3

Valid cases: 442  
Invalid: 603

**Description**

N/A

**Universe**

N/A

**Source of information**

N/A

**Pre question**

N/A

**Literal question**

N/A

**Post question**

N/A

**Interviewer instructions**

N/A

## Documentation

### Other materials

#### Protocal\_Ngao Ya Afya-ammended-protocol\_and\_tool.pdf

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Title Protocal\_Ngao Ya Afya-ammended-protocol\_and\_tool.pdf  
Author(s) African Population and Health Research Center  
Date 28/01/2026  
Country Kenya  
Language ENGLISH  
Contributor(s) Catherine Kyobutungi, PhD  
Publisher(s) African Population and Health Research Center (APHRC)  
Filename Protocal\_Ngao Ya Afya-ammended-protocol\_and\_tool.pdf

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#### ddi-documentation-english-237.pdf

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Title ddi-documentation-english-237.pdf  
Author(s) African Population and Health Research Center  
Date 28/01/2026  
Country Kenya  
Language ENGLISH  
Contributor(s) Catherine Kyobutungi, PhD  
Publisher(s) African Population and Health Research Center (APHRC)  
Filename ddi-documentation-english-237.pdf

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