KENYA - Sustainable model for Cardiovascular health by Adjusting Lifestyle and treatment with Economic perspective in settings of Urban Poverty, A community-based intervention for primary prevention of cardiovascular diseases in the slums of Nairobi

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Overview

Identification

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Overview

ABSTRACT
Background: The burden of cardiovascular disease is rising in sub-Saharan Africa with hypertension being the main

risk factor. However, context-specific evidence on effective interventions for primary prevention of cardiovascular diseases in resource-poor settings is limited. This study aims to evaluate the feasibility and cost-effectiveness of one such intervention-the "Sustainable model for cardiovascular health by adjusting lifestyle and treatment with economic perspective in settings of urban poverty".

Methods/Design: Design: A prospective quasi-experimental community-based intervention study.

Setting: Two slum settlements (Korogocho and Viwandani) in Nairobi, Kenya.

Study population: Adults aged 35 years and above in the two communities.

Intervention: The intervention community (Korogocho) will be exposed to an intervention package for primary prevention of cardiovascular disease that comprises awareness campaigns, household screening for cardiovascular diseases risk factors, and referral and treatment of people with high cardiovascular diseases risk at a primary health clinic. The control community (Viwandani) will continue accessing the usual standard of care for primary prevention of cardiovascular diseases in Kenya.

Data: Demographic and socioeconomic data; anthropometric and clinical measurements including blood pressure. Population-based data will be collected at the baseline and endline-12 months after implementing the intervention. These data will be collected from a random sample of 1,610 adults aged 35 years and above in the intervention and control sites at both baseline and endline. Additionally, operational (including cost) and clinic-based data will be collected on an ongoing basis.

Main outcomes:

(1) A positive difference in the change in the proportion of the intervention versus control study populations that are at moderate or high risk of cardiovascular disease;

(2) a difference in the change in mean systolic blood pressure in the intervention versus control study populations;

(3) the net cost of the complete intervention package per disability-adjusted life year gained.

Analysis: Primary outcomes comparing pre- and post-, and operational data will be analyzed descriptively and "impact" of the intervention will be calculated using double-difference methods. We will also conduct a cost-effectiveness analysis of the intervention using World Health Organization guidelines

UNITS OF ANALYSIS
Individuals

Scope

NOTES
Socioeconomic status, cardiovascular related lifestyle like diet, smoking and physical exercise, involvement in earlier CVD projects of APHRC and biomedical measurements

KEYWORDS
Prevention, Cost-effectiveness, Cardiovascular risk factors, Slums, Sub-Saharan Africa

Coverage

GEOGRAPHIC COVERAGE
Korogocho and Viwandani informal settlements in Nairobi

UNIVERSE
Adults 35 years and above in Korogocho and Viwandani who have given informed consent

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

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African Population and Health Research Center	APHRC

OTHER PRODUCER(S)

Name	Affiliation	Role
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Prof. Dr. M. Levi, Prof. Dr. L. Gunning, Mr. H. van Poelvoorde, Prof. Jacques van der Gaag and Dr. Dermot Maher		The coaching committee of the SCALE UP Study
Boston Consulting Group (BCG)		Developing Cost effectiveness framework
Academic Medical Center (AMC) Foundation		Financial Support

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Name	Abbreviation	Affiliation	Role
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Sampling

Sampling Procedure

In order to detect a 5% reduction at endline in the proportion of adults aged 35 years and above who are at moderate or high risk of CVD in the intervention population versus no change in the control population (assuming both populations have similar start prevalence at 25%), we need 2,927 respondents in both intervention and control sites, using an alpha of 0.05 and power (1-beta) of 0.90. Taking into account a non-response rate of 10%, we will approach 3,220 individuals per cross-sectional study-that is, 1,610 per site at baseline and endline surveys, respectively. The sampling frame will be based on the most recently updated NUHDSS database. This database contains details of about 72,000 individuals including names, locations, gender, dates of birth and residential status in both slums. In the control site, we will use computer randomization (STATA® statistical software) to select the 1,610 individuals aged 35 years and older per site for each cross-sectional survey. In the intervention site, the same computer randomization process will be followed. However, unlike the control site, the 1,610 individuals to be included in the cross-sectional survey analysis will be collected retrospectively. In other words, the intervention package will be delivered to all adults aged 35 years or older in the intervention site-that is, 6,780 individuals according to the DSS database (as at 15 June 2012). At the clinic level, we calculated that in order to detect a 10 mmHg reduction in blood pressure (at 20 mmHg standard deviation, alpha of 0.05 and 1-ß on 0.9), about 44 participants are needed. However, it is projected that approximately 1,350 participants (out of 6780) will be referred from the door-to-door visit. This number is derived from a 20% prevalence of hypertension among adults aged 35 years and older in the study area. We estimate that roughly half of these 1,350 participants, being 675, will continue visiting the clinic for treatment. Hence, this number of people is more than
sufficient for the analysis of our main primary outcome at the clinic level.

Deviations from Sample Design

No deviation.

Response Rate

Population baseline response rate in Korogocho (intervention) was 56.7% and 40.3% in Viwandani (control)
Population endline response rate was 50.2% in Korogocho (intervention) , 77.0% in Viwandani screened at baseline (first control) and 53.6% in Viwandani not screened (second control)

Questionnaires

Overview

POPULATION:
1. Identification Information And Consent
2. Demographics 3 History Of Chronic Conditions
3. Exposure To Health Promotion And Behavior Change
4. Risk Factors And Preventive Behavior 6 Perceived Personal Risk
5. Anthropometrics And Biomarkers 8 Interviewer Assessment

CLINIC:
1. Identification Information And Consent
2. Clinic History
3. Knowledge Of Prevention / Evaluation Intervention
4. Anthropometrics And Biomarkers

Data Collection

Data Collection Dates

Start	End	Cycle
2012-08-01	2014-04-30	N/A

Data Collection Mode

Face-to-face [f2f]

Questionnaires

POPULATION:
1. Identification Information And Consent
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1. Identification Information And Consent
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Supervision

The supervision in the field has been managed by the two research officers and executed by the research assistant and the team leaders through spot checks, sit ins, double entry of data, cross checking and regular meetings

Data Processing

No content available

Data Appraisal

No content available

File Description

Variable List

Population_baseline

Content	
Cases	5695
Variable(s)	282
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V582	q1_2	Study site	discrete	numeric	
V583	q1_3	Date of interview (dd/mm/yyyy)	discrete	character	DATE OF INTERVIEW (DD/MM/YYYY)
V584	individ	Respondent Individual ID	contin	numeric	
V585	q1_5	Respondent's date of birth (dd/mm/yyyy)	discrete	character	RESPONDENT'S DATE OF BIRTH (DD/MM/YYYY)
V586	q1_6	Respondent's sex	discrete	numeric	RESPONDENT'S SEX (F=Female; M=Male)
V587	q1_10	Start time (24 hr-format)	contin	numeric	START TIME (24 HR-FORMAT)
V588	q2_10	How long have you lived in Korogocho/Viwandani?	contin	numeric	How long have you lived in Korogocho/Viwandani?
V589	q2_11	What is your current marital status?	discrete	numeric	What is your current marital status?
V590	q2_12	Have you ever been to school?	discrete	numeric	Have you ever been to school?
V591	q2_13	What is the highest level of education that you have completed?	discrete	numeric	What is the highest level of education that you have completed?
V592	q2_14	What would you say is your main source of livelihood currently?	discrete	numeric	What would you say is your main source of livelihood currently?
V593	q2_15	How much would you say you earn monthly on average?	discrete	numeric	How much would you say your earn monthly on average?
V594	q2_16	Regular source of livelihood during the last 12 months?	discrete	numeric	What would you say has been your regular source of livelihood that you have been involved in during the last 12 months?
V595	q2_16other	Other source of livelihood during the last 12 months?	discrete	character	
V596	q2_17	Duration involved in the source of livelihood mentioned?	contin	numeric	For how long have you been involved in the source of livelihood mentioned?
V597	q2_18	On average, days worked in a week ?	discrete	numeric	On average, how many days in week do you do this work?
V598	q2_19	On average, hours worked in a day ?	contin	numeric	On average, how many hours in a day do you do this work?
V599	q2_20a	Work next to a busy road	discrete	numeric	How would you describe the place where you work/have been working in the last 12 months: would you say it is: Next to a busy road Near a place where cooking takes place (e.g. road side food) In a dusty place In a factory where the air is 'bad' Not fixed (itinerant trader)

ID	Name	Label	Type	Format	Question
V600	q2_20b	Work near a place where cooking takes place (e.g. road side food)	discrete	numeric	How would you describe the place where you work/have been working in the last 12 months: would you say it is: Next to a busy road Near a place where cooking takes place (e.g. road side food) In a dusty place In a factory where the air is 'bad' Not fixed (itinerant trader)
V601	q2_20c	Work in a dusty place	discrete	numeric	How would you describe the place where you work/have been working in the last 12 months: would you say it is: Next to a busy road Near a place where cooking takes place (e.g. road side food) In a dusty place In a factory where the air is 'bad' Not fixed (itinerant trader)
V602	q2_20d	Work in a factory where the air is 'bad'	discrete	numeric	How would you describe the place where you work/have been working in the last 12 months: would you say it is: Next to a busy road Near a place where cooking takes place (e.g. road side food) In a dusty place In a factory where the air is 'bad' Not fixed (itinerant trader)
V603	q2_20e	Work not in fixed (itinerant trader)	discrete	numeric	How would you describe the place where you work/have been working in the last 12 months: would you say it is: Next to a busy road Near a place where cooking takes place (e.g. road side food) In a dusty place In a factory where the air is 'bad' Not fixed (itinerant trader)
V604	q2_21	Participate in study on CVD conducted by APHRC from 2008-2009?	discrete	numeric	Did you participate in study on CVD conducted by APHRC from 2008-2009?
V605	q2_22	Told that you had either hypertension or diabetes at that time?	discrete	numeric	Were you told by the interviewer that you had either hypertension or diabetes at that time?
V606	q2_23	Were you referred to a clinic to receive free treatment ?	discrete	numeric	Were you referred to a clinic to receive free treatment for your hypertension or diabetes?
V607	q2_24	Did you attend the clinic?	discrete	numeric	Did you attend the clinic?
V608	q2_25	Are you still enrolled in the clinic?	discrete	numeric	Are you still enrolled in the clinic?
V609	q2_26	Why did you drop out of the clinic?	discrete	numeric	Why did you drop out of the clinic?
V610	q2_26other	Other reason of dropping out of the clinic specified	discrete	character	
V611	q2_27	Why did you not attend the free clinic ?	discrete	numeric	Why did you not attend the free clinic even after you were told about your condition?
V612	q2_27other	Other reason why you did not attend free clinic specified	discrete	character	
V613	q3_3_1a	Have you ever been diagnosed with diabetes?	discrete	numeric	Have you ever been diagnosed with diabetes (high blood sugar)? (Not including diabetes associated with a pregnancy)
V614	q3_3_1b_months	When were you diagnosed with diabetes-month?	discrete	numeric	When were you diagnosed with diabetes?
V615	q3_3_1b_years	When were you diagnosed with diabetes-year?	discrete	numeric	When were you diagnosed with diabetes?
V616	q3_3_1c_units	Duration with diabetes-Units ?	discrete	numeric	For how long have you had diabetes (since the time you were diagnosed)?
V617	q3_3_1c_no	Duration with diabetes-No. of units ?	contin	numeric	For how long have you had diabetes (since the time you were diagnosed)?
V618	q3_3_1d	Have you been taking diabetic medications in the last 2 weeks?	discrete	numeric	Have you been taking insulin or other blood sugar lowering medications in the last 2 weeks?
V619	q3_3_1e	Have you been taking diabetic medications in the last 12 months?	discrete	numeric	Have you been taking insulin or other blood sugar lowering medications in the last 12 months?

ID	Name	Label	Type	Format	Question
V620	q3_3_1f	Following special diet, exercise or weight control in the last 2 weeks?	discrete	numeric	Are you following a special diet, exercise regime or weight control program for diabetes during the last 2 weeks? (As recommended by a health professional)
V621	q3_3_2a	Have you ever been diagnosed with hypertension?	discrete	numeric	Have you ever been diagnosed with high blood pressure (hypertension)?
V622	q3_3_2b_months	When were you diagnosed with hypertension-month?	discrete	numeric	When were you diagnosed with high blood pressure?
V623	q3_3_2b_years	When were you diagnosed with hypertension-year?	contin	numeric	When were you diagnosed with high blood pressure?
V624	q3_3_2c_units	Duration with hypertension-Units ?	discrete	numeric	For how long have you had high BP (since the time you were diagnosed)?
V625	q3_3_2c_no	Duration with hypertension-No. of units ?	contin	numeric	For how long have you had high BP (since the time you were diagnosed)?
V626	q3_3_2d	Taking Hypertension medications during the last 2 weeks?	discrete	numeric	Have you been taking medications or other treatment for it during the last 2 weeks?
V627	q3_3_2e	Taking hypertension medications during the last 12 months?	discrete	numeric	Have you been taking medications or other treatment for it during the last 12 months?
V628	q3_3_3a	Ever been told that you have had a stroke?	discrete	numeric	Have you ever been told by a health professional that you have had a stroke?
V629	q3_3_3b_months	When were you diagnosed with stroke-month?	discrete	numeric	When were you diagnosed with stroke?
V630	q3_3_3b_years	When were you diagnosed with stroke-year?	discrete	numeric	When were you diagnosed with stroke?
V631	q3_3_3c_units	Duration with stroke-Units ?	discrete	numeric	For how long have you had a stroke (since the time you were diagnosed)?
V632	q3_3_3c_no	Duration with stroke-No. of units ?	discrete	numeric	For how long have you had a stroke (since the time you were diagnosed)?
V633	q3_3_3d	Taking any medications for stroke during the last 2 weeks?	discrete	numeric	Have you been taking any medications or other treatment for stroke during the last 2 weeks?
V634	q3_3_3e	Taking any medications for stroke during the last 12 months?	discrete	numeric	Have you been taking any medications or other treatment for stroke during the last 12 months?
V635	q3_3_3f	Ever suffered sudden onset of paralysis for more than 24 hours?	discrete	numeric	Have you ever suffered from sudden onset of paralysis or weakness in your arms or legs on one side of your body for more than 24 hours?
V636	q3_3_3g	Ever had sudden onset of loss of feeling on one side of your body?	discrete	numeric	Have you ever had, for more than 24 hours, sudden onset of loss of feeling on one side of your body without anything having happened to you immediately before?
V637	q3_3_4a	Ever been diagnosed with angina or heart disease?	discrete	numeric	Have you ever been diagnosed with angina or angina pectoris (a heart disease)?
V638	q3_3_4b_months	When were you diagnosed with angina-month?	discrete	numeric	When were you diagnosed with angina?
V639	q3_3_4b_years	When were you diagnosed with angina-year?	contin	numeric	When were you diagnosed with angina?
V640	q3_3_4c_units	Duration with angina-Units ?	discrete	numeric	For how long have you had angina (since the time you were diagnosed)?
V641	q3_3_4c_no	Duration with angina-No. of units ?	discrete	numeric	For how long have you had angina (since the time you were diagnosed)?
V642	q3_3_4d	Taking any medications for angina in the last 2 weeks?	discrete	numeric	Have you been taking any medications or other treatment for angina in the last 2 weeks?
V643	q3_3_4e	Taking any medications for angina in the last 12 months?	discrete	numeric	Have you been taking any medications or other treatment for angina in the last 12 months?

ID	Name	Label	Type	Format	Question
V644	q3_3_4f	Experienced any pain/discomfort in your chest walking uphill or hurry?	discrete	numeric	During the last 12 months, have you experienced any pain or discomfort in your chest when you walk uphill or hurry?
V645	q3_3_4g	Experienced any pain/discomfort in your chest walking normally?	discrete	numeric	During the last 12 months, have you experienced any pain or discomfort in your chest when you walk at an ordinary pace on level ground?
V646	q3_3_4h	What do you do if you get the pain or discomfort ?	discrete	numeric	What do you do if you get the pain or discomfort when you are walking?
V647	q3_3_4i	If you stand still, what happens to the pain or discomfort?	discrete	numeric	If you stand still, what happens to the pain or discomfort?
V648	q3_3_4ja	Experience pain/discomfort in Upper or middle chest	discrete	numeric	Will you show me where you usually experience the pain or discomfort?
V649	q3_3_4jb	Experience pain/discomfort in Lower chest	discrete	numeric	Will you show me where you usually experience the pain or discomfort?
V650	q3_3_4jc	Experience pain/discomfort in Left arm	discrete	numeric	Will you show me where you usually experience the pain or discomfort?
V651	q3_3_4jd	Experience pain/discomfort in Other	discrete	numeric	Will you show me where you usually experience the pain or discomfort?
V652	q3_3_4jd_other	Experience pain/discomfort in (Specify)	discrete	character	Will you show me where you usually experience the pain or discomfort?
V653	q3_3_4je	Experience pain/discomfort in Other	discrete	numeric	Will you show me where you usually experience the pain or discomfort?
V654	q3_3_4je_other	Experience pain/discomfort in (Specify)	discrete	character	Will you show me where you usually experience the pain or discomfort?
V655	q3_3_4k	Experienced these symptoms in the last 2 weeks?	discrete	numeric	These symptoms that you have said you experienced in the last 12 months, have you experienced them in the last 2 weeks?
V656	q4_10	Received any information that may prevent CVD?	discrete	numeric	In the last 12 months, have you received any information promoting bevahiours that may prevent cardiovascular diseases such as diabetes, heart disease, cancers ?
V657	q4_11a	Receive information about Stop Smoking	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V658	q4_11b	Receive information about Reduce alcohol intake	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V659	q4_11c	Receive information about Reduce weight	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V660	q4_11d	Receive information about Reduce salt intake	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V661	q4_11e	Receive information about Eat more vegetables	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V662	q4_11f	Receive information about Eat more fruits	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V663	q4_11g	Receive information about Do regular exercises	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V664	q4_11h	Receive information about Reduce fat intake	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V665	q4_11i	Receive information about Other	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V666	q4_11other	Receive information about (Specify)	discrete	character	What behaviours did you receive information about? Probe: And what else?
V667	q4_12a	Got information from Newspaper	discrete	numeric	Where did you get this information from?

ID	Name	Label	Type	Format	Question
V668	q4_12b	Got information from Television	discrete	numeric	Where did you get this information from?
V669	q4_12c	Got information from Radio	discrete	numeric	Where did you get this information from?
V670	q4_12d	Got information from Baraaza	discrete	numeric	Where did you get this information from?
V671	q4_12e	Got information from Religous services	discrete	numeric	Where did you get this information from?
V672	q4_12f	Got information from Community Health Worker	discrete	numeric	Where did you get this information from?
V673	q4_12g	Got information from Religious Service	discrete	numeric	Where did you get this information from?
V674	q4_12h	Got information from Posters or Flyers	discrete	numeric	Where did you get this information from?
V675	q4_12i	Got information from Other	discrete	numeric	Where did you get this information from?
V676	q4_12other	Got information from (Specify)	discrete	character	Where did you get this information from?
V677	q4_13	Change behaviour after you received this information?	discrete	numeric	Did you change your own behaviour after you received this information?
V678	q4_14a	Stopped Smoking	discrete	numeric	What specific behaviours did you change?
V679	q4_14b	Reduced alcohol intake	discrete	numeric	What specific behaviours did you change?
V680	q4_14c	Reduced weight..	discrete	numeric	What specific behaviours did you change?
V681	q4_14d	Reduced salt intake.	discrete	numeric	What specific behaviours did you change?
V682	q4_14e	Eating more vegetables..	discrete	numeric	What specific behaviours did you change?
V683	q4_14f	Eating more fruits.	discrete	numeric	What specific behaviours did you change?
V684	q4_14g	Doing regular exercises..	discrete	numeric	What specific behaviours did you change?
V685	q4_14h	Reduced fat intake	discrete	numeric	What specific behaviours did you change?
V686	q4_14i	Other behaviour change.	discrete	numeric	What specific behaviours did you change?
V687	q4_14other	Other behaviour change Specified	discrete	character	What specific behaviours did you change?
V688	q5_1	Have you ever smoked tobacco or used smokeless tobacco?	discrete	numeric	Have you ever smoked tobacco or used smokeless tobacco?
V689	q5_2	Do you currently smoke any tobacco products?	discrete	numeric	Do you currently smoke any tobacco products, such as cigarettes, cigars or pipes?
V690	q5_3	Do you currently smoke tobacco products daily?	discrete	numeric	Do you currently smoke tobacco products daily?
V691	q5_4	How old were you when you first started smoking daily?	contin	numeric	How old were you when you first started smoking daily?
V692	q5_5_units	Duration when you started smoking daily-units?	discrete	numeric	How long ago was it when you started smoking daily?
V693	q5_5_no	Duration when you started smoking daily-No. of units ?	contin	numeric	How long ago was it when you started smoking daily?
V694	q5_6a	On average, Manufactured cigarettes.. daily	contin	numeric	On average, how many of the following do you smoke each day?
V695	q5_6b	On average, Hand-rolled cigarettes daily	contin	numeric	On average, how many of the following do you smoke each day?
V696	q5_6c	On average, Pipes full of tobacco. daily	contin	numeric	On average, how many of the following do you smoke each day?
V697	q5_6d	On average, Cigars, cheroots, cigarillos.. daily	contin	numeric	On average, how many of the following do you smoke each day?
V698	q5_6e	On average, Other daily	contin	numeric	On average, how many of the following do you smoke each day?

ID	Name	Label	Type	Format	Question
V699	q5_6f	On average, (Specify) daily	contin	numeric	On average, how many of the following do you smoke each day?
V700	q5_7	In the past, did you ever smoke daily?	discrete	numeric	In the past, did you ever smoke daily?
V701	q5_8	How old were you when you stopped smoking daily?	contin	numeric	How old were you when you stopped smoking daily?
V702	q5_9_units	Duration when you stopped smoking daily-units?	discrete	numeric	How long ago did you stop smoking daily?
V703	q5_9_no	Duration when you stopped smoking daily-No. of units ?	contin	numeric	How long ago did you stop smoking daily?
V704	q5_10	What has been your typical exposure to tobacco smoke?	discrete	numeric	Over the past 12 months, what has been your typical exposure to other peoples tobacco smoke?
V705	q5_11	Have you consumed alcohol within last 12 months?	discrete	numeric	Have you consumed alcohol (such as beer, wine, spirits, chang'aa, busa, muratina, kumi-kumi or other alcoholic drink within the past 12 months?
V706	q5_12	How frequently did you have at least one alcoholic drink?	discrete	numeric	In the past 12 months, how frequently did you have at least one alcoholic drink?
V707	q5_12other	Other frequency of drinking specified	discrete	character	
V708	q5_13name	Type/Name of alcohol consumed	discrete	character	When you drink alcohol, in a typical day, what type of alcoholic drink do you take?
V709	q5_13code	Alcohol code using show cards	discrete	numeric	When you drink alcohol, in a typical day, what type of alcoholic drink do you take?
V710	q5_14type	Type in terms of bottle, glass...	discrete	character	How much of _____(type of drink in 5.13) do you drink during one day?
V711	q5_14amount	Amount in terms of numbers named under type	discrete	character	How much of _____(type of drink in 5.13) do you drink during one day?
V712	q5_14qty	Quantity consumed	contin	numeric	How much of _____(type of drink in 5.13) do you drink during one day?
V713	q5_14unit	The units of the quantity consumed	discrete	character	How much of _____(type of drink in 5.13) do you drink during one day?
V714	q5_14a	Daily amount of alcohol in standard drinks	contin	numeric	
V715	q5_14b	Weekly amount of alcohol in standard drinks	contin	numeric	
V716	q5_16	In a typical week, on how many days do you eat fruit?	discrete	numeric	In a typical week, on how many days do you eat fruit?
V717	q5_17	How many servings of fruit do you eat in one of those days?	discrete	numeric	How many servings of fruit do you eat in one of those days?
V718	q5_18	In a typical week, on how many days do you eat vegetables?	discrete	numeric	In a typical week, on how many days do you eat vegetables?
V719	q5_19	How many servings of vegetables do you eat in one of those days?	contin	numeric	How many servings of vegetables do you eat in one of those days?
V720	q5_20	Do you cook in your household in which you live?	discrete	numeric	Do you cook in your household/ are meals prepared in the household in which you live?
V721	q5_21a	What is the name of the oil or fat that is most often used?	discrete	character	What is the name of the oil or fat that is most often used for meal preparation in your household?
V722	q5_21b	Code of the fat most often used	discrete	character	What is the name of the oil or fat that is most often used for meal preparation in your household?

ID	Name	Label	Type	Format	Question
V723	q5_22	How often do you have meals outside the home?	discrete	numeric	How often do you have meals outside the home (not including food packed from home) ?
V724	q5_22_other	How often do you have meals outside the home?	discrete	character	How often do you have meals outside the home (not including food packed from home) ?
V725	q5_23	Mostly, where do you have meals outside the home?	discrete	numeric	Where do you mostly get food from, when you eat outside the home?
V726	q5_23_other	Other place you have meals outside the home	discrete	character	Where do you mostly get food from, when you eat outside the home?
V727	q5_24	What are you most likely to eat outside the home?	discrete	character	What are you most likely to eat, when you eat outside the home?
V728	q5_25	Do you eat deep fried foods or snacks 3 or more times a week?	discrete	numeric	Do you eat deep fried foods or snacks or fast foods 3 or more times a week?
V729	q5_26	Do you add salt to your food when you are eating?	discrete	numeric	Do you add salt to your food when you are eating? (IF YES, HOW OFTEN?)
V730	q5_27	How much salt do you add to your food when you are eating?	discrete	numeric	How much salt do you add to your food when you are eating?
V731	q5_28	Do you eat salty food or snacks one or more time a day?	discrete	numeric	Do you eat salty food or snacks one or more time a day?
V732	q5_29	How often do you eat red meat (beef, pork, lamb, goat, game)?	discrete	numeric	How often do you eat red meat (beef, pork, lamb, goat, game)?
V733	q5_29_other	How often eat red meat specified	discrete	character	How often do you eat red meat (beef, pork, lamb, goat, game)?
V734	q5_30	How many spoons of sugar do you take on a typical day?	contin	numeric	How many spoons of sugar do you usually put in a cup?
V735	q5_31	In the past 12 months have you ever taken a soft drink?	discrete	numeric	In the past 12 months have you ever taken a soft drink (e.g. Cola, Sprite, Fanta, Pespi etc..)?
V736	q5_32	How frequently have you had at least one soft drink?	discrete	numeric	In the past 12 months, how frequently have you had at least one soft drink?
V737	q5_32_other	Other frequency of had at least one soft drink specified	discrete	character	In the past 12 months, how frequently have you had at least one soft drink?
V738	q5_33	How many drinks do you have during one day?	discrete	numeric	When you take soft drinks on average, how many drinks do you have during one day?
V739	q5_34a	Does your work involve vigorous-intensity activity ?	discrete	numeric	Are you engaged in any of the physical activities listed here:
V740	q5_34b	Does your work involve moderate-intensity activity ?	discrete	numeric	Are you engaged in any of the physical activities listed here:
V741	q5_34c	Do you walk or use a bicycle for at least 10 minutes continuously?	discrete	numeric	Are you engaged in any of the physical activities listed here:
V742	q5_34d	Do you do any vigorous-intensity sports?	discrete	numeric	Are you engaged in any of the physical activities listed here:
V743	q5_34e	Do you do any moderate-intensity sports?	discrete	numeric	Are you engaged in any of the physical activities listed here:
V744	q5_35a	How many days do you do vigorous-intensity activities ?	discrete	numeric	In a typical week, on how many days are you engaged in the following physical activities:
V745	q5_35b	How many days do you do moderate- intensity activities ?	discrete	numeric	In a typical week, on how many days are you engaged in the following physical activities:
V746	q5_35c	How many days do you walk or use a bicycle for at least 10 minutes?	discrete	numeric	In a typical week, on how many days are you engaged in the following physical activities:
V747	q5_35d	How many days do you do vigorous-intensity sports?	discrete	numeric	In a typical week, on how many days are you engaged in the following physical activities:

ID	Name	Label	Type	Format	Question
V748	q5_35e	How many days do you do moderate-intensity sports?	discrete	numeric	In a typical week, on how many days are you engaged in the following physical activities:
V749	q5_36a	Time spent doing vigorous-intensity activities on a typical day?	contin	numeric	How much time do you spend doing the following physical activities in a typical day:
V750	q5_36b	Time spent doing moderate-intensity activities on a typical day?	contin	numeric	How much time do you spend doing the following physical activities in a typical day:
V751	q5_36c	How much time do you spend walking or cycling on a typical day?	contin	numeric	How much time do you spend doing the following physical activities in a typical day:
V752	q5_36d	Time spent doing vigorous-intensity sports on a typical day?	contin	numeric	How much time do you spend doing the following physical activities in a typical day:
V753	q5_36e	Time spent doing moderate-intensity sports on a typical day?	discrete	numeric	How much time do you spend doing the following physical activities in a typical day:
V754	q5_37	Time spent sitting or reclining on a typical day ?	contin	numeric	How much time do you usually spend sitting or reclining on a typical day (not including sleeping)?
V755	q5_38	Hours usually spent sleeping in a typical 24 hour day?	contin	numeric	How many hours do you usually spend sleeping in a typical 24 hour day?
V756	q5_39	What level of financial stress do you feel?	discrete	numeric	What level of financial stress do you feel?
V757	q5_40	How often have you felt stress in the last year?	discrete	numeric	How often have you felt stress in the last year?
V758	q5_41	Ever felt sad, blue or depressed for two weeks or more in a row?	discrete	numeric	During the past 12 months, was there ever a time you felt sad, blue or depressed for two weeks or more in a row?
V759	q6_1	Chances of getting CVD (e.g. stroke or heart attack)	discrete	numeric	Do you think your chances of getting cardiovascular disease (e.g. stroke or heart attack) ten years are, very high, high, moderate, low or very low
V760	q6_2	Chances of getting another CVD?	discrete	numeric	Have you been screened for cardiovascular diseases in the 12 months?
V761	q6_3	Have you been screened for cardiovascular diseases in the 12 months?	discrete	numeric	Have you been screened for cardiovascular diseases in the 12 months?
V762	q6_4	Where did you get screened?	discrete	numeric	Where did you get screened?
V763	q6_4_other	Other place got screened specified	discrete	character	Where did you get screened?
V764	q6_5a	How did you find out about where to get screened?- Newspaper	discrete	numeric	How did you find out about where to get screened?
V765	q6_5b	How did you find out about where to get screened?- Television	discrete	numeric	How did you find out about where to get screened?
V766	q6_5c	How did you find out about where to get screened?- Radio..	discrete	numeric	How did you find out about where to get screened?
V767	q6_5d	How did you find out about where to get screened?- Baraaza.	discrete	numeric	How did you find out about where to get screened?
V768	q6_5e	How did you find out about where to get screened?- Religous services..	discrete	numeric	How did you find out about where to get screened?
V769	q6_5f	How did you find out about where to get screened?- CHW	discrete	numeric	How did you find out about where to get screened?

ID	Name	Label	Type	Format	Question
V770	q6_5g	How did you find out about where to get screened?- Religious Service..	discrete	numeric	How did you find out about where to get screened?
V771	q6_5h	How did you find out about where to get screened?- Posters or Flyers	discrete	numeric	How did you find out about where to get screened?
V772	q6_5i	How did you find out about where to get screened?- Other.	discrete	numeric	How did you find out about where to get screened?
V773	q6_5other	How did you find out about where to get screened?- Other.	discrete	character	How did you find out about where to get screened?
V774	q6_6	How would you rate the quality of air in the community?	discrete	numeric	How would you rate the quality of air in the community where you live (Viwandani/Korogocho)? Would you say it is:
V775	q6_7	How would you rate the quality of air in your house?	discrete	numeric	How would you rate the quality of air in your house? Would you say it is:
V776	q6_8a	Annoyance level of outdoor air pollution	discrete	numeric	Assume that people's level of annoyance due to indoor and outdoor air pollution from any source can be stacked on a ladder like the one shown here, with level 01 representing 'NO ANNOYANCE' and level 05 representing 'EXTREME ANNOYANCE'. Where would you place yourself on this ladder with regards to annoyance due to: OUTDOOR AIR POLLUTION
V777	q6_8b	Annoyance level of indoor air pollution	discrete	numeric	Assume that people's level of annoyance due to indoor and outdoor air pollution from any source can be stacked on a ladder like the one shown here, with level 01 representing 'NO ANNOYANCE' and level 05 representing 'EXTREME ANNOYANCE'. Where would you place yourself on this ladder with regards to annoyance due to:INDOOR AIR POLLUTION
V778	q6_9a	Dust is source of air pollution	discrete	numeric	Which of the following would you say are the sources of outdoor and indoor air pollution within Korogocho/Viwandani?
V779	q6_9b	Vehicle emissions is source of air pollution	discrete	numeric	Which of the following would you say are the sources of outdoor and indoor air pollution within Korogocho/Viwandani?
V780	q6_9c	Industrial emissions is source of air pollution	discrete	numeric	Which of the following would you say are the sources of outdoor and indoor air pollution within Korogocho/Viwandani?
V781	q6_9d	Cooking fuels is source of air pollution	discrete	numeric	Which of the following would you say are the sources of outdoor and indoor air pollution within Korogocho/Viwandani?
V782	q6_9e	Burning trash is source of air pollution	discrete	numeric	Which of the following would you say are the sources of outdoor and indoor air pollution within Korogocho/Viwandani?
V783	q6_9f	Smelly sewage is source of air pollution	discrete	numeric	Which of the following would you say are the sources of outdoor and indoor air pollution within Korogocho/Viwandani?
V784	q6_9g	Cigarette smoking is source of air pollution	discrete	numeric	Which of the following would you say are the sources of outdoor and indoor air pollution within Korogocho/Viwandani?
V785	q6_9h	Other is source of air pollution	discrete	numeric	Which of the following would you say are the sources of outdoor and indoor air pollution within Korogocho/Viwandani?
V786	q6_9_8_other	Other is source of air pollution specified	discrete	character	Which of the following would you say are the sources of outdoor and indoor air pollution within Korogocho/Viwandani?

ID	Name	Label	Type	Format	Question
V787	q6_10a	How severe is air pollution from Dust ?	discrete	numeric	[IF ANY OF 6.10 IS YES]: How severe would you say is air pollution in Korogocho/ Viwandani from (SOURCE)?
V788	q6_10b	How severe is air pollution from Vehicle emissions?	discrete	numeric	[IF ANY OF 6.10 IS YES]: How severe would you say is air pollution in Korogocho/ Viwandani from (SOURCE)?
V789	q6_10c	How severe is air pollution from Industrial emissions?	discrete	numeric	[IF ANY OF 6.10 IS YES]: How severe would you say is air pollution in Korogocho/ Viwandani from (SOURCE)?
V790	q6_10d	How severe is air pollution from Cooking fuels?	discrete	numeric	[IF ANY OF 6.10 IS YES]: How severe would you say is air pollution in Korogocho/ Viwandani from (SOURCE)?
V791	q6_10e	How severe is air pollution from Burning trash?	discrete	numeric	[IF ANY OF 6.10 IS YES]: How severe would you say is air pollution in Korogocho/ Viwandani from (SOURCE)?
V792	q6_10f	How severe is air pollution from Smelly sewage?	discrete	numeric	[IF ANY OF 6.10 IS YES]: How severe would you say is air pollution in Korogocho/ Viwandani from (SOURCE)?
V793	q6_10g	How severe is air pollution from Cigarette smoking?	discrete	numeric	[IF ANY OF 6.10 IS YES]: How severe would you say is air pollution in Korogocho/ Viwandani from (SOURCE)?
V794	q6_10h	How severe is air pollution from Other ?	discrete	numeric	[IF ANY OF 6.10 IS YES]: How severe would you say is air pollution in Korogocho/ Viwandani from (SOURCE)?
V795	q6_11a	Health risk from Dust	discrete	numeric	How much health risk do you think each of the following is to you and your family?
V796	q6_11b	Health risk from Vehicle emissions	discrete	numeric	How much health risk do you think each of the following is to you and your family?
V797	q6_11c	Health risk from Industrial emissions	discrete	numeric	How much health risk do you think each of the following is to you and your family?
V798	q6_11d	Health risk from Cooking fuels	discrete	numeric	How much health risk do you think each of the following is to you and your family?
V799	q6_11e	Health risk from Burning trash	discrete	numeric	How much health risk do you think each of the following is to you and your family?
V800	q6_11f	Health risk from Smelly sewage	discrete	numeric	How much health risk do you think each of the following is to you and your family?
V801	q6_11g	Health risk from Cigarette smoking	discrete	numeric	How much health risk do you think each of the following is to you and your family?
V802	q6_11h	Health risk from Other	discrete	numeric	How much health risk do you think each of the following is to you and your family?
V803	q6_12a	Health problems brought by air pollution - Cough/cold	discrete	numeric	What health problems do you think are brought about by air pollution?
V804	q6_12b	Health problems brought by air pollution - Difficulty breathing	discrete	numeric	What health problems do you think are brought about by air pollution?
V805	q6_12c	Health problems brought by air pollution - Eye problems	discrete	numeric	What health problems do you think are brought about by air pollution?
V806	q6_12d	Health problems brought by air pollution - Asthma	discrete	numeric	What health problems do you think are brought about by air pollution?
V807	q6_12e	Health problems brought by air pollution - Cancer	discrete	numeric	What health problems do you think are brought about by air pollution?
V808	q6_12f	Health problems brought by air pollution - Heart problems	discrete	numeric	What health problems do you think are brought about by air pollution?
V809	q6_12g	Health problems brought by air pollution - Headache	discrete	numeric	What health problems do you think are brought about by air pollution?

ID	Name	Label	Type	Format	Question
V810	q6_12h	Health problems brought by air pollution - don't know	discrete	numeric	What health problems do you think are brought about by air pollution?
V811	q6_12i	Health problems brought by air pollution - Other	discrete	numeric	What health problems do you think are brought about by air pollution?
V812	q6_12iother	Health problems brought by air pollution - specify	discrete	character	What health problems do you think are brought about by air pollution?
V813	q6_12j	Health problems brought by air pollution - Other	discrete	numeric	What health problems do you think are brought about by air pollution?
V814	q6_12jother	Health problems brought by air pollution - specify	discrete	character	What health problems do you think are brought about by air pollution?
V815	q6_13a	Source of information regarding air pollution- Radio	discrete	numeric	In the past 12 months, have you received any information regarding air pollution including information on health risks associated with air pollution from any of the following sources?
V816	q6_13b	Source of information regarding air pollution- Television	discrete	numeric	In the past 12 months, have you received any information regarding air pollution including information on health risks associated with air pollution from any of the following sources?
V817	q6_13c	Source of information regarding air pollution- Newsapers/magazines	discrete	numeric	In the past 12 months, have you received any information regarding air pollution including information on health risks associated with air pollution from any of the following sources?
V818	q6_13d	Source of information regarding air pollution- Barazas	discrete	numeric	In the past 12 months, have you received any information regarding air pollution including information on health risks associated with air pollution from any of the following sources?
V819	q6_13e	Source of information regarding air pollution- Health workers/facilities	discrete	numeric	In the past 12 months, have you received any information regarding air pollution including information on health risks associated with air pollution from any of the following sources?
V820	q6_13f	Source of information regarding air pollution- Other sources	discrete	numeric	In the past 12 months, have you received any information regarding air pollution including information on health risks associated with air pollution from any of the following sources?
V821	q6_13other	Other source of information regarding air pollution-specified	discrete	character	In the past 12 months, have you received any information regarding air pollution including information on health risks associated with air pollution from any of the following sources?
V822	q6_13g	Source of information regarding air pollution- Never heard	discrete	numeric	In the past 12 months, have you received any information regarding air pollution including information on health risks associated with air pollution from any of the following sources?
V823	q7_11a	1st BP Reading-Systolic	contin	numeric	1st BP Reading
V824	q7_11b	1st BP Reading-Diastolic	contin	numeric	1st BP Reading
V825	q7_11c	1st BP Reading-Pulse rate	contin	numeric	1st BP Reading
V826	q7_12a	2nd BP Reading-Systolic	contin	numeric	2n BP Reading
V827	q7_12b	2nd BP Reading-Diastolic	contin	numeric	2n BP Reading
V828	q7_12c	2nd BP Reading-Pulse rate	contin	numeric	2n BP Reading
V829	q7_13a	3rd BP Reading-Systolic	contin	numeric	3rd BP Reading
V830	q7_13b	3rd BP Reading-Diastolic	contin	numeric	3rd BP Reading
V831	q7_13c	3rd BP Reading-Pulse rate	contin	numeric	3rd BP Reading
V832	q7_14a	Average BP Reading-Systolic	contin	numeric	Average BP Reading
V833	q7_14b	Average BP Reading-Diastolic	contin	numeric	Average BP Reading

ID	Name	Label	Type	Format	Question
V834	q7_14c	Average BP Reading-Pulse rate	contin	numeric	Average BP Reading
V835	q7_20	Can respondent stand up?	discrete	numeric	
V836	q7_21a	Measured height in cm-1st Reading	contin	numeric	
V837	q7_21b	Measured height in cm-2nd Reading	contin	numeric	
V838	q7_21c	Average height in cm-2nd Reading	contin	numeric	
V839	q7_22a	Measured waist circumference in cm -1st Reading	contin	numeric	
V840	q7_22b	Measured waist circumference in cm -2nd Reading	contin	numeric	
V841	q7_22c	Average waist circumference in cm -2nd Reading	contin	numeric	
V842	q7_23a	Measured weight in kg - 1st Reading	contin	numeric	
V843	q7_23b	Measured weight in kg - 2nd Reading	contin	numeric	
V844	q7_23c	Average weight in kg - 2nd Reading	contin	numeric	
V845	q7_24a	Measured hip circumference in cm - 1st Reading	contin	numeric	
V846	q7_24b	Measured hip circumference in cm - 2nd Reading	contin	numeric	
V847	q7_24c	Average hip circumference in cm - 2nd Reading	contin	numeric	
V848	q7_23	Body Mass Index	contin	numeric	
V849	q7_24	Respondet eligible for Blood Glucose	discrete	numeric	Respondent eligible for Blood Glucose?
V850	q7_30	At what time did you last have a meal?	contin	numeric	At what time did you last have a meal? (RECORD TIME IN 24 HR FORMAT)
V851	q7_31	Current time	contin	numeric	
V852	q7_32	Blood glucose	contin	numeric	
V853	q8_3	End Time	contin	numeric	
V854	q9_1	Assessment of the respondent's cooperation	discrete	numeric	What is your assessment of the respondent's cooperation?
V855	q9_2	Accuracy and completeness of the respondent's answers	discrete	numeric	What is your evaluation of the accuracy and completeness of the respondent's answers?
V856	q9_3	Respondent's comprehension of issues discussed	discrete	numeric	What is your assessment of the respondent's comprehension of issues discussed?
V857	q9_4	Respondent's concentration and attentiveness during the interview	discrete	numeric	What is your assessment of the respondent's concentration and attentiveness during the interview?
V858	q9_5	Extent of the respondent digressing during the interview	discrete	numeric	What is your assessment on the extent of the respondent digressing during the interview ?
V859	q9_6	Questions with doubtful answers	discrete	character	Questions with doubtful answers
V860	q9_7	Questions needing follow-up or clarification from supervisor	discrete	character	Questions needing follow-up or clarification from supervisor
V861	q9_8	Questions respondent found difficult, embarrassing or confusing	discrete	character	What questions did respondent find difficult, embarrassing or confusing?

ID	Name	Label	Type	Format	Question
V862	q9_9	Questions interviewer found difficult, embarrassing or confusing	discrete	character	What questions did you the interviewer find difficult, embarrassing or confusing?
V863	q9_10	Intervuewer notes	discrete	character	

V862	q9_9	Questions interviewer found difficult, embarrassing or confusing	discrete	character	What questions did you the interviewer find difficult, embarrassing or confusing?

Population_endline

Content	
Cases	4519
Variable(s)	193
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V864	q1_2	1.2:Study group	discrete	numeric	
V865	q1_3	1.3:Date of interview (dd/mm/yyyy)	discrete	character	
V866	individ	Respondent Individual ID	contin	numeric	
V867	q1_5	1.5:Respondent's date of birth (dd/mm/yyyy)	discrete	character	
V868	q1_6	1.6:Respondent's sex (1=Female; 2=Male)	discrete	numeric	
V869	q1_10	1.10:Start time (24 hr-format)	contin	numeric	
V870	q1_11	1.11:Do you accept to participate in the study?	discrete	numeric	Do you accept to participate in the study?
V871	q1_12	1.12:Main reason why you do not want to participate in this study?	discrete	numeric	
V872	q1_12b	1.12:Respondent's Signature for acceptance	discrete	numeric	
V873	q1_13	1.13:Final result of interview	discrete	numeric	
V874	q1_13b	1.13:Other result of interview specified	discrete	character	
V876	q2_10	2.10:How long have you lived in Korogocho/Viwandani (units)?	discrete	numeric	How long have you lived in Korogocho/Viwandani?
V877	q2_10b	2.10:How long have you lived in Korogocho/Viwandani (no. of units)?	contin	numeric	How long have you lived in Korogocho/Viwandani?
V878	q2_11	2.11:What is your current marital status?	discrete	numeric	What is your current marital status?
V879	q2_12	2.12:Have you ever been to school?	discrete	numeric	Have you ever been to school?
V880	q2_13	2.13:What is the highest level of education completed?	discrete	numeric	What is the highest level of education that you have completed?
V881	q2_14	2.14:What is your current main source of livelihood?	discrete	numeric	What would you say is your main source of livelihood currently?
V882	q2_14b	2.14:Other source of livelihood specified	discrete	character	What would you say is your main source of livelihood currently?
V883	q2_15	2.15:How much do you earn monthly on average?	discrete	numeric	How much would you say your earn monthly on average?
V884	q2_21a	2.21a:Did you participate in the 2012 SCALE UP study ?	discrete	numeric	Did you participate in the SCALE UP study on CVD conducted by APHRC in Aug-Dec 2012 when CHW screened everyone above 35 years through door to door visits?

ID	Name	Label	Type	Format	Question
V885	q2_22a	2.22a:Were you told whether you had either hypertension or diabetes?	discrete	numeric	Were you told by the interviewer that you had either hypertension or diabetes at that time?
V886	q2_23a	2.23a:Were you referred to a clinic for treatment?	discrete	numeric	Were you referred to a clinic to receive treatment for your hypertension or diabetes?
V887	q2_24a	2.24a:Did you attend the clinic?	discrete	numeric	Did you attend the clinic?
V888	q2_25a	2.25a:Are you still enrolled in the clinic?	discrete	numeric	Are you still enrolled in the clinic?
V889	q2_26a	2.26a:Why did you drop out of the clinic?	discrete	numeric	Why did you drop out of the clinic?
V890	q2_26ab	2.26a:Other reason why dropped out of clinic specified	discrete	character	Why did you drop out of the clinic?
V891	q2_27a	2.27a:Why did you not attend the clinic ?	discrete	numeric	Why did you not attend the clinic even after you were told about your condition?
V892	q2_27ab	2.27a:Other reason why didn't attend clinic specified	discrete	character	Why did you not attend the clinic even after you were told about your condition?
V893	q2_21	2.21:Did you participate in 2008 CVD study?	discrete	numeric	Did you participate in study on CVD conducted by APHRC from 2008-2009 when fieldworkers passed by selected households with questionnaire and measurement on CVD?
V894	q2_22	2.22:Were you told you had either hypertension or diabetes in 2008?	discrete	numeric	Were you told by the interviewer that you had either hypertension or diabetes at that time?
V895	q2_23	2.23:Were you referred to a clinic for treatment in 2008?	discrete	numeric	Were you referred to a clinic to receive free treatment for your hypertension or diabetes?
V896	q2_24	2.24:Did you attend the clinic referred in 2008?	discrete	numeric	Did you attend the clinic?
V897	q2_25	2.25:Are you still enrolled in the clinic?	discrete	numeric	Are you still enrolled in the clinic?
V898	q2_26	2.26:Why did you drop out of the clinic?	discrete	numeric	Why did you drop out of the clinic?
V899	q2_26b	2.26:Other reason you dropped out of clinic specified	discrete	character	Why did you drop out of the clinic?
V900	q2_27	2.27:Why did you not attend the free clinic ?	discrete	numeric	Why did you not attend the free clinic even after you were told about your condition?
V901	q2_27b	2.27:Other reason why not attended clinic specified	discrete	character	Why did you not attend the free clinic even after you were told about your condition?
V902	q2_28	2.28:Did the CHW follow up his or her visit with you?	discrete	numeric	Did the CHW follow up his or her visit with you?
V903	q2_29	2.29:Did you receive an automatic SMS from APHRC or the clinic?	discrete	numeric	Did you receive an automatic SMS from APHRC or the clinic?
V904	q3_3_1a	3.3.1a:Ever been diagnosed with diabetes (high blood sugar)?	discrete	numeric	Have you ever been diagnosed with diabetes (high blood sugar)? (Not including diabetes associated with a pregnancy)
V905	q3_3_1b	3.3.1b:When were you diagnosed with diabetes?	discrete	character	When were you diagnosed with diabetes?
V906	q3_3_1c	3.3.1c:For how long have you had diabetes (Years)	discrete	numeric	For how long have you had diabetes (since the time you were diagnosed)? USE ONLY 1 UNIT (Y=Years, M=Months, W=Weeks)
V907	q3_3_1d	3.3.1d:Have you been taking insulin in last 2 weeks?	discrete	numeric	Have you been taking insulin or other blood sugar lowering medications in the last 2 weeks?
V908	q3_3_1e	3.3.1e:Have you been taking insulin in last 12 months?	discrete	numeric	Have you been taking insulin or other blood sugar lowering medications in the last 12 months?

ID	Name	Label	Type	Format	Question
V909	q3_3_1f	3.3.1f:Are you doing anything else to control diabetes in last 2 weeks?	discrete	numeric	Are you following a special diet, exercise regime or weight control program for diabetes during the last 2 weeks? (As recommended by a health professional)
V910	q3_3_2a	3.3.2a:Have you ever been diagnosed with hypertension?	discrete	numeric	Have you ever been diagnosed with high blood pressure (hypertension)?
V911	q3_3_2b	3.3.2b:When were you diagnosed with hypertension?	discrete	character	When were you diagnosed with high blood pressure?
V912	q3_3_2c	3.3.2c:For how long have you had hypertension (Years)	contin	numeric	For how long have you had high BP (since the time you were diagnosed)? USE ONLY 1 UNIT (Y=Years, M=Months, W=Weeks)
V913	q3_3_2d	3.3.2d:Have you been taking treatment in last 2 weeks?	discrete	numeric	Have you been taking medications or other treatment for it during the last 2 weeks?
V914	q3_3_2e	3.3.2e:Have you been taking treatment in last 12 months?	discrete	numeric	Have you been taking medications or other treatment for it during the last 12 months?
V915	q3_3_3a	3.3.3a:Have you been screened for CVD in the last 12 months?	discrete	numeric	Have you been screened for cardiovascular diseases in the last 12 months, for example measured BP or glucose?
V916	q3_3_3b	3.3.3b:Where did you get screened?	discrete	numeric	Where did you get screened?
V917	q3_3_3bb	3.3.3b:Other place got screened specified	discrete	character	Where did you get screened?
V918	q3_3_3c_1	3.3.3c:Found out where to get screened from-Newspaper	discrete	numeric	How did you find out about where to get screened?
V919	q3_3_3c_2	3.3.3c:Found out where to get screened from-Television	discrete	numeric	How did you find out about where to get screened?
V920	q3_3_3c_3	3.3.3c:Found out where to get screened from-Radio	discrete	numeric	How did you find out about where to get screened?
V921	q3_3_3c_4	3.3.3c:Found out where to get screened from-Baraaza	discrete	numeric	How did you find out about where to get screened?
V922	q3_3_3c_5	3.3.3c:Found out where to get screened from-Religous services	discrete	numeric	How did you find out about where to get screened?
V923	q3_3_3c_6	3.3.3c:Found out where to get screened from-Community Health Worker	discrete	numeric	How did you find out about where to get screened?
V924	q3_3_3c_7	3.3.3c:Found out where to get screened from-Religious Service	discrete	numeric	How did you find out about where to get screened?
V925	q3_3_3c_8	3.3.3c:Found out where to get screened from-Posters or Flyers	discrete	numeric	How did you find out about where to get screened?
V926	q3_3_3c_9	3.3.3c:Found out where to get screened from-Work Place	discrete	numeric	How did you find out about where to get screened?
V927	q3_3_3c_10	3.3.3c:Found out where to get screened from-Friend/Relative	discrete	numeric	How did you find out about where to get screened?
V928	q3_3_3c_11	3.3.3c:Found out where to get screened from-Clinic	discrete	numeric	How did you find out about where to get screened?
V929	q3_3_3c_12	3.3.3c:Found out where to get screened from-Other	discrete	numeric	How did you find out about where to get screened?
V930	q3_3_3c_12b	3.3.3c:Other source of information specified	discrete	character	How did you find out about where to get screened?
V931	q4_10	4.1:In last 12 months, received any health promotion information?	discrete	numeric	In the last 12 months, have you received any information promoting bevahiours that may prevent cardiovascular diseases such as diabetes, heart disease, cancers ?

ID	Name	Label	Type	Format	Question
V932	q4_11_1	4.11:Receive information about: Stop Smoking	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V933	q4_11_2	4.11:Receive information about: Reduce alcohol intake	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V934	q4_11_3	4.11:Receive information about: Reduce weight	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V935	q4_11_4	4.11:Receive information about: Reduce salt intake	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V936	q4_11_5	4.11:Receive information about: Eat more vegetables	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V937	q4_11_6	4.11:Receive information about: Eat more fruits	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V938	q4_11_7	4.11:Receive information about: Do regular exercises	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V939	q4_11_8	4.11:Receive information about: Reduce fat intake	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V940	q4_11_9	4.11:Receive information about: Reduce Stress	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V941	q4_11_10	4.11:Receive information about: Reduce Sugar	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V942	q4_11_11	4.11:Receive information about: Red Meat	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V943	q4_11_12	4.11:Receive information about: Other	discrete	numeric	What behaviours did you receive information about? Probe: And what else?
V944	q4_11_12b	4.11:Other information received specified	discrete	character	What behaviours did you receive information about? Probe: And what else?
V945	q4_12_1	4.12:Got information from:Newspaper	discrete	numeric	Where did you get this information from?
V946	q4_12_2	4.12:Got information from:Television	discrete	numeric	Where did you get this information from?
V947	q4_12_3	4.12:Got information from:Radio	discrete	numeric	Where did you get this information from?
V948	q4_12_4	4.12:Got information from:Baraaza	discrete	numeric	Where did you get this information from?
V949	q4_12_5	4.12:Got information from:Religous services	discrete	numeric	Where did you get this information from?
V950	q4_12_6	4.12:Got information from:Community Health Worker	discrete	numeric	Where did you get this information from?
V951	q4_12_7	4.12:Got information from:Religious Service	discrete	numeric	Where did you get this information from?
V952	q4_12_8	4.12:Got information from:Posters or Flyers	discrete	numeric	Where did you get this information from?
V953	q4_12_9	4.12:Got information from: Work Place	discrete	numeric	Where did you get this information from?
V954	q4_12_10	4.12:Got information from: Health facility	discrete	numeric	Where did you get this information from?
V955	q4_12_11	4.12:Got information from: Friend/Relative	discrete	numeric	Where did you get this information from?
V956	q4_12_12	4.12:Got information from:Other	discrete	numeric	Where did you get this information from?
V957	q4_12_12b	4.12:Other source of information specified	discrete	character	Where did you get this information from?
V958	q4_13	4.13:Did you change your own behaviour ?	discrete	numeric	Did you change your own behaviour after you received this information?

ID	Name	Label	Type	Format	Question
V959	q4_14_1	4.14:Stopped Smoking	discrete	numeric	What specific behaviours did you change?
V960	q4_14_2	4.14:Reduced or stopped alcohol intake	discrete	numeric	What specific behaviours did you change?
V961	q4_14_3	4.14:Reduced weight	discrete	numeric	What specific behaviours did you change?
V962	q4_14_4	4.14:Reduced salt intake	discrete	numeric	What specific behaviours did you change?
V963	q4_14_5	4.14:Started eating more vegetables	discrete	numeric	What specific behaviours did you change?
V964	q4_14_6	4.14:Started eating more fruits	discrete	numeric	What specific behaviours did you change?
V965	q4_14_7	4.14:Started doing regular exercises	discrete	numeric	What specific behaviours did you change?
V966	q4_14_8	4.14:Reduced fat intake	discrete	numeric	What specific behaviours did you change?
V967	q4_14_9	4.14:Manage Stress	discrete	numeric	What specific behaviours did you change?
V968	q4_14_10	4.14:Reduced Sugar Intake	discrete	numeric	What specific behaviours did you change?
V969	q4_14_11	4.14:Other change taken	discrete	numeric	What specific behaviours did you change?
V970	q4_14_11b	4.14:Other change specified	discrete	character	What specific behaviours did you change?
V971	q5_1	5.11:Have you ever smoked tobacco?	discrete	numeric	Have you ever smoked tobacco or used smokeless tobacco?
V972	q5_2	5.2:Do you currently smoke any tobacco products?	discrete	numeric	Do you currently smoke any tobacco products, such as cigarettes, cigars or pipes?
V973	q5_3	5.3:Do you currently smoke tobacco products daily?	discrete	numeric	Do you currently smoke tobacco products daily?
V974	q5_11	5.11:Have you consumed alcohol in the past 12 months?	discrete	numeric	Have you consumed alcohol (such as beer, wine, spirits, chang'aa, busa, muratina, kumi-kumi or other alcoholic drink within the past 12 months?
V975	q5_12	5.12:In the past 12 months, how frequently did you take alcohol?	discrete	numeric	In the past 12 months, how frequently did you have at least one alcoholic drink?
V976	q5_13	5.13:What type of alcohol do you take (Name)?	discrete	character	When you drink alcohol, in a typical day, what type of alcoholic drink do you take?
V977	q5_13b	5.13:What type of alcohol do you take (Code)?	contin	numeric	When you drink alcohol, in a typical day, what type of alcoholic drink do you take?
V978	q5_14_1	5.14:How much of alcohol do you drink (Type)?	discrete	character	How much of _____(type of drink in 5.13) do you drink during one day?
V979	q5_14_2	5.14:How much of alcohol do you drink (Amount)?	contin	numeric	How much of _____(type of drink in 5.13) do you drink during one day?
V980	q5_14_3	5.14:How much of alcohol do you drink (QTY)?	discrete	character	How much of _____(type of drink in 5.13) do you drink during one day?
V981	q5_16	5.16:In a typical week, on how many days do you eat fruit?	contin	numeric	In a typical week, on how many days do you eat fruit?
V982	q5_17	5.17:How many servings of fruit do you eat in one of those days?	contin	numeric	How many servings of fruit do you eat in one of those days?
V983	q5_18	5.18:In a typical week, on how many days do you eat vegetables?	contin	numeric	In a typical week, on how many days do you eat vegetables?
V984	q5_19	5.19:How many servings do you eat in one of those days?	contin	numeric	How many servings of vegetables do you eat in one of those days?
V985	q5_20	5.20:Are meals prepared in the household?	discrete	numeric	Do you cook in your household/ are meals prepared in the household in which you live?
V986	q5_21	5.21:What is the name of the oil or fat that is most often used?	discrete	numeric	What is the name of the oil or fat that is most often used for meal preparation in your household?

ID	Name	Label	Type	Format	Question
V987	q5_21b	5.21:What is the Code of the oil or fat that is most often used?	discrete	character	What is the name of the oil or fat that is most often used for meal preparation in your household?
V988	q5_25	5.25:Do you eat deep fried foods atleast 2 or 3 times a week?	discrete	numeric	Do you eat deep fried foods or snacks or fast foods at least 2 or 3 times a week?
V989	q5_26	5.26:Do you add salt to your food when you are eating?	discrete	numeric	Do you add salt to your food when you are eating? (IF YES, HOW OFTEN?)
V990	q5_27	5.27:How much salt do you add to your food when you are eating?	discrete	numeric	How much salt do you add to your food when you are eating?
V991	q5_28	5.28:Do you eat salty food or snacks one or more time a day?	discrete	numeric	
V992	q5_29	5.29:How often do you eat red meat ?	discrete	numeric	
V993	q5_29b	5.29:Other frequency of eating red meat	discrete	character	Do you eat salty food or snacks one or more time a day?
V994	q5_30	5.3:How many spoons of sugar do you take on a typical day?	discrete	numeric	Taking into account the amount of tea/coffee/cocoa/porridge that you drink, how many spoons of sugar do you take on a typical day?
V995	q5_31	5.31:In the past 12 months, have you ever taken a soft drink?	discrete	numeric	In the past 12 months have you ever taken a soft drink (e.g. Cola, Sprite, Fanta, Pespi etc..)?
V996	q5_32	5.32:In past 12 months, how frequent have you had a soft drink?	discrete	numeric	In the past 12 months, how frequently have you had at least one soft drink?
V997	q5_32b	5.32:Other frequency of taking soft drink specified	discrete	character	In the past 12 months, how frequently have you had at least one soft drink?
V998	q5_33	5.33:How many soft drinks do you take in a day?	discrete	numeric	When you take soft drinks on average, how many drinks do you have during one day?
V999	q5_34_a	5.34:Engage in Vigorous-Intensity activity continuoyusly?	discrete	numeric	Do you engage in any of the following types of physical activity? A) Work that invove Vigorous-Intensity activity for at least 10 minutes continuously
V1000	q5_34_b	5.34:Engage in Moderate-Intensity activity continuoyusly?	discrete	numeric	Do you engage in any of the following types of physical activity? B) Work that involve Moderate-Intensity activity for at least 10 minutes continuoyusly.
V1001	q5_34_c	5.34:Engage in walking or riding on a bicycle to and from places?	discrete	numeric	Do you engage in any of the following types of physical activity? C) walking or riding on a bicycle to and from places continously for at least 10 minutes.
V1002	q5_34_d	5.34:Engage in games, physical fitness activities with vigorous intensity?	discrete	numeric	Do you engage in any of the following types of physical activity? D) Games , physical fitness exercises or leissure activities that involve vigorous intensity activity, continuously for at least 10 minutes
V1003	q5_34_e	5.34:Engage in games , physical fitness activities with moderate intensity?	discrete	numeric	Do you engage in any of the following types of physical activity? E) Sports , physical fitness exercises or leissure activities that involve mooderate intensity acctivity, cotinously, for at least 10 minutes.
V1004	q5_35_1	5.35:Days engaged in Vigorous-Intensity activity continuoyusly?	discrete	numeric	On How many days in a typical week do you engage in the following types of activities? A) Work that invove Vigorous-Intensity activity for at least 10 minutes continuously
V1005	q5_35_2	5.35:Days engaged in Moderate-Intensity activity continuoyusly?	discrete	numeric	On How many days in a typical week do you engage in the following types of activities? B) Work that involve Moderate-Intensity activity for at least 10 minutes continuoyusly.

ID	Name	Label	Type	Format	Question
V1006	q5_35_3	5.35:Days engaged in walking/riding to and from places?	discrete	numeric	On How many days in a typical week do you engage in the following types of activities? C) walking or riding on a bicycle to and from places continously for at least 10 minutes.
V1007	q5_35_4	5.35:Days engaged in physical activities with vigorous intensity?	discrete	numeric	On How many days in a typical week do you engage in the following types of activities? D) Games , physical fitness exercises or leissure activities that involve vigorous intensity activity, continuously for at least 10 minutes
V1008	q5_35_5	5.35:Days engaged in physical activities with moderate intensity?	discrete	numeric	On How many days in a typical week do you engage in the following types of activities? E) Sports , physical fitness exercises or leissure activities that involve mooderate intensity acctivity, cotinously, for at least 10 minutes.
V1009	q5_36a	5.36:Time engaged in Vigorous-Intensity activity continuoyusly?	contin	numeric	On a typical day, How much time do you take doing the following types of physical activity? A) Work that invove Vigorous-Intensity activity for at least 10 minutes continuously
V1010	q5_36b	5.36:Time engaged in Moderate-Intensity activity continuoyusly?	contin	numeric	On a typical day, How much time do you take doing the following types of physical activity? B) Work that involve Moderate-Intensity activity for at least 10 minutes continuoyusly.
V1011	q5_36c	5.36:Time engaged in walking/riding to and from places?	contin	numeric	On a typical day, How much time do you take doing the following types of physical activity? C) walking or riding on a bicycle to and from places continously for at least 10 minutes.
V1012	q5_36d	5.36:Time engaged in physical activities with vigorous intensity?	contin	numeric	On a typical day, How much time do you take doing the following types of physical activity? D) Games , physical fitness exercises or leissure activities that involve vigorous intensity activity, continuously for at least 10 minutes
V1013	q5_36e	5.36:Time engaged in physical activities with moderate intensity?	contin	numeric	On a typical day, How much time do you take doing the following types of physical activity? E) Sports , physical fitness exercises or leissure activities that involve mooderate intensity acctivity, cotinously, for at least 10 minutes.
V1014	q5_37	5.37:Time spent sitting or reclining on a typical day	contin	numeric	How much time do you usually spend sitting or reclining on a typical day (not including ~~sleeping)?~~
V1015	q5_38	5.38:Time usually spent sleeping in a typical day	contin	numeric	How many hours do you usually spend sleeping in a typical 24 hour day?
V1016	q5_39	5.39:What level of financial stress do you feel?	discrete	numeric	What level of financial stress do you feel?
V1017	q5_40	5.4:How often have you felt stress in the last year?	discrete	numeric	How often have you felt stress in the last year?
V1018	q5_41	5.41:In past 12 months, was there time you felt depressed?	discrete	numeric	During the past 12 months, was there ever a time you felt sad, blue or depressed for two weeks or more in a row?
V1019	q6_1	6.1:What your chances of getting CVDs?	discrete	numeric	Do you think your chances of getting cardiovascular disease (e.g. stroke or heart attack)within the next ten yearare, very high, high, moderate, low or very low
V1020	q6_2	6.2:What are your chances chances of getting another CVD?	discrete	numeric	Do you think your chances of getting another CVD are.....very high, high, moderate, low or very low?
V1021	q7_11a	7.11:First Systolic BP Reading	contin	numeric	
V1022	q7_11b	7.11:First Diastolic BP Reading	contin	numeric	
V1023	q7_11c	7.11:First Pulse Rate Reading	contin	numeric	
V1024	q7_12a	7.12:Second Systolic BP Reading	contin	numeric	

ID	Name	Label	Type	Format	Question
V1025	q7_12b	7.12:Second Diastolic BP Reading	contin	numeric	
V1026	q7_12c	7.12:Second Pulse Rate Reading	contin	numeric	
V1027	q7_13a	7.13:Third Systolic BP Reading	contin	numeric	
V1028	q7_13b	7.13:Third Diastolic BP Reading	contin	numeric	
V1029	q7_13c	7.13:Third Pulse Rate Reading	contin	numeric	
V1030	q7_14a	7.14:Average Systolic BP Reading	contin	numeric	
V1031	q7_14b	7.14:Average Diastolic BP Reading	contin	numeric	
V1032	q7_14c	7.14:Average Pulse Rate Reading	contin	numeric	
V1033	q7_20	7.20:Can respondent stand up?	discrete	numeric	Can respondent stand up?
V1034	q7_21a	7.21:First height reading in cm	contin	numeric	
V1035	q7_21b	7.21:Second height reading in cm	contin	numeric	
V1036	q7_21c	7.21:Average height reading in cm	contin	numeric	
V1037	q7_22a	7.22:First weight reading in Kgs	contin	numeric	
V1038	q7_22b	7.22:Second weight reading in Kgs	contin	numeric	
V1039	q7_22c	7.22:Average weight reading in Kgs	contin	numeric	
V1040	q7_23a	7.23:First waist circumference reading in cm	contin	numeric	
V1041	q7_23b	7.23:Second waist circumference reading in cm	contin	numeric	
V1042	q7_23c	7.23:Average waist circumference reading in cm	contin	numeric	
V1043	q7_24a	7.24:First hip circumference reading in cm	contin	numeric	
V1044	q7_24b	7.24:Second hip circumference reading in cm	contin	numeric	
V1045	q7_24c	7.24:Average hip circumference reading in cm	contin	numeric	
V1046	q7_25	7.25:Body Mass Index	contin	numeric	
V1047	q7_26	7.26:Respondent eligible for Blood Glucose?	discrete	numeric	Respondent eligible for Blood Glucose?
V1048	q7_30	7.30:At what time did you last have a meal?	contin	numeric	At what time did you last have a meal? (RECORD TIME IN 24 HR FORMAT)
V1049	q7_31	7.31:Recorded current time of interview	contin	numeric	FW: RECORD CURRENT TIME (24 HOUR FORMAT) ON RESPONDENT'S WATCH. IF RESPONDENT HAS NO WATCH USE YOUR OWN.
V1050	q7_32	7.32:Blood glucose	contin	numeric	
V1051	q8_1	8.10:Respondent eligible for referral?	discrete	numeric	Respondent eligible for referral?
V1052	q8_3	8.3:End time of innterview	contin	numeric	
V1053	q9_1	9.1:Assessment of the respondent's cooperation?	discrete	numeric	What is your assessment of the respondent's cooperation?
V1054	q9_2	9.2:Accuracy and completeness of the respondent's answers?	discrete	numeric	What is your assessment of the respondent's comprehension of issues discussed?
V1055	q9_3	9.3:Assessment of the respondent's comprehension of issues?	discrete	numeric	What is your assessment of the respondent's concentration and attentiveness during the interview?
V1056	q9_4	9.4:Respondent's concentration and attentiveness?	discrete	numeric	What is your assessment on the extent of the respondent digressing during the interview ?

ID	Name	Label	Type	Format	Question
V1057	q9_5	9.5:Assessment of respondent digressing during the interview ?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1057	q9_5	9.5:Assessment of respondent digressing during the interview ?	discrete	numeric	

Clinic_baseline

Content	
Cases	609
Variable(s)	123
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V280	uniqueid		discrete	character	
V281	q1_2	Date of interview (dd/mm/yyyy)	discrete	character	DATE OF INTERVIEW (DD/MM/YYYY)
V282	individ	Respondent Individual ID	contin	numeric	
V283	q1_4	Respondent's date of birth (dd/mm/yyyy)	discrete	character	RESPONDENT'S DATE OF BIRTH (DD/MM/YYYY)
V284	q1_5	Respondent's sex	discrete	numeric	RESPONDENT'S SEX (F=Female; M=Male)
V285	q1_7	Village where respondent lives	discrete	character	VILLAGE WHERE RESPONDENT LIVES
V286	q1_9	Data collection round	discrete	numeric	DATA COLLECTION ROUND (B=Baseline; O=1-Year Follow-up)
V287	q1_10	Do you accept to participate in the study?	discrete	numeric	Do you accept to participate in the study?
V288	q1_11	Respondent's signing after acceptance	discrete	numeric	Could you please sign here to show that you have accepted to participate in the study?
V289	q1_12	Final result of interview	discrete	numeric	FINAL RESULT OF INTERVIEW (CODE SHEET A7)
V291	q2_10	When were you first diagnosed with high BP?	discrete	character	When were you first diagnosed with High Blood Pressure?
V292	q2_11a	For how long have you had high BP-Units?	discrete	numeric	For how long have you had High Blood Pressure (since you were diagnosed) ? (UNITS: D=Days, W=Weeks, M=Months, Y=Years)
V293	q2_11b	For how long have you had high BP-no.of units?	contin	numeric	For how long have you had High Blood Pressure (since you were diagnosed) ? (UNITS: D=Days, W=Weeks, M=Months, Y=Years)
V294	q2_12	Where was the diagnosis of high BP made?	discrete	numeric	Where was the diagnosis of High BP made?
V295	q2_13	Were you on any form of medication for high BP before?	discrete	numeric	Were you on any form of medication for high BP anytime before attending this clinic?
V296	q2_14a	Got medication before from government health facility within slum	discrete	numeric	Where were you getting medication for High BP before you came to this clinic?
V297	q2_14b	Got medication before from government health facility outside slum	discrete	numeric	Where were you getting medication for High BP before you came to this clinic?
V298	q2_14c	Got medication before from private for profit	discrete	numeric	Where were you getting medication for High BP before you came to this clinic?
V299	q2_14d	Got medication before from private not for profit	discrete	numeric	Where were you getting medication for High BP before you came to this clinic?
V300	q2_14e	Got medication before from chemist/pharmacy	discrete	numeric	Where were you getting medication for High BP before you came to this clinic?

ID	Name	Label	Type	Format	Question
V301	q2_14f	Got medication before from traditional or faith based healer	discrete	numeric	Where were you getting medication for High BP before you came to this clinic?
V302	q2_14ga	Got medication before from other	discrete	numeric	Where were you getting medication for High BP before you came to this clinic?
V303	q2_14gb	Other specified	discrete	character	Where were you getting medication for High BP before you came to this clinic?
V304	q2_15a	Hypertension tablets prescribed by a health worker	discrete	numeric	What kind of medication were you taking to treat the Hypertension?
V305	q2_15b	Hypertension tablets i got from a drug store without a prescription	discrete	numeric	What kind of medication were you taking to treat the Hypertension?
V306	q2_15c	Hypertension tablets I got from relatives/friends w/o prescription	discrete	numeric	What kind of medication were you taking to treat the Hypertension?
V307	q2_15d	Treated hypertension with herbal medicine and tabs/insulin	discrete	numeric	What kind of medication were you taking to treat the Hypertension?
V308	q2_15e	Treated hypertension with herbal medicine only	discrete	numeric	What kind of medication were you taking to treat the Hypertension?
V309	q2_15fa	Treated hypertension with other	discrete	numeric	What kind of medication were you taking to treat the Hypertension?
V310	q2_15fb	Other treatment specified	discrete	character	What kind of medication were you taking to treat the Hypertension?
V311	q2_16	How often were you taking the medication for high bp?	discrete	numeric	How often were you taking the medication for high BP?
V312	q2_17a	Problem of nausea, vomitting or diarhhea after started medication	discrete	numeric	Have you had any of the following problems since you started taking the medication?
V313	q2_17b	Problem of dizziness or faintness after started medication	discrete	numeric	Have you had any of the following problems since you started taking the medication?
V314	q2_17c	Problem of skin rashes, itching, discoloration after started medication	discrete	numeric	Have you had any of the following problems since you started taking the medication?
V315	q2_17d	Problem of swellings (face, lips, tongue) after started medication	discrete	numeric	Have you had any of the following problems since you started taking the medication?
V316	q2_17e	Problem of difficulty in breathing, chest pain after started medication	discrete	numeric	Have you had any of the following problems since you started taking the medication?
V317	q2_17f	Problem of sexual dysfunction after started medication	discrete	numeric	Have you had any of the following problems since you started taking the medication?
V318	q2_17ga	Had Other problem after started medication	discrete	numeric	Have you had any of the following problems since you started taking the medication?
V319	q2_17gb	Other problem after started medication specified	discrete	character	Have you had any of the following problems since you started taking the medication?
V320	q2_18	Monthly cost to get medication for high BP?	discrete	numeric	How much did it cost you each month on average to get medication for high BP?
V321	q2_19	Other additional costs in seeking treatment for high BP?	discrete	numeric	In addition to what you may spend on medication, are there any other additional costs that you incurr seeking treatment for high BP?
V322	q2_20a	Additional transportation cost	discrete	numeric	What are these additional costs for?
V323	q2_20b	Additional change of diet cost	discrete	numeric	What are these additional costs for?
V324	q2_20ca	Other additional cost	discrete	numeric	What are these additional costs for?
V325	q2_20cb	Other additional cost specified	discrete	character	What are these additional costs for?
V326	q2_21	Estimated monthly additional costs spent?	discrete	numeric	How much would you estimate that you spend monthly on these additional costs?
V327	q2_22	Are you currently taking the above medication for high BP?	discrete	numeric	Are you currently taking the above medication for high BP?

ID	Name	Label	Type	Format	Question
V328	q2_23a	How long ago did you stop treatment-Units?	discrete	numeric	How long ago did you stop taking treatment? (UNITS: D=Days, W=Weeks, M=Months, Y=Years)
V329	q2_23b	How long ago did you stop treatment-No.of units?	discrete	numeric	How long ago did you stop taking treatment? (UNITS: D=Days, W=Weeks, M=Months, Y=Years)
V330	q2_24a	why did you stop taking the treatment?	discrete	numeric	Why did you stop taking the treatment?
V331	q2_24b	Other reason stopped treatment specified	discrete	character	Why did you stop taking the treatment?
V332	q2_25	when did you start attending clinic for BP?	discrete	character	When did you start attending this clinic for High BP?
V333	q2_26	Did CHW visited you again after first visit?	discrete	numeric	After the CHW visited you at home to screen you, did he/she contact you again before you visted this clinic for the first time?
V334	q2_27a	CHW sent me a text message	discrete	numeric	How did the CHW contact you?
V335	q2_27b	CHW called me on the phone	discrete	numeric	How did the CHW contact you?
V336	q2_27c	CHW home visit	discrete	numeric	How did the CHW contact you?
V337	q2_27d	CHW sent a message through my friend/neigbour	discrete	numeric	How did the CHW contact you?
V338	q2_27ea	CHW other	discrete	numeric	How did the CHW contact you?
V339	q2_27eb	Other way CHW contacted you specified	discrete	character	How did the CHW contact you?
V340	q2_28	Number of CHW contacts with you	discrete	numeric	How many times did the CHW contact you before you came to this clinic
V341	q2_29	CHW's effort to contact you made you come?	discrete	numeric	Did the CHW's effort to contact you influence your decision to come to this clinic?
V342	q2_30	Did you recieve a free voucher to attend this clinic?	discrete	numeric	Did you recieve a free voucher to attend this clinic for the first time?
V343	q2_31	Would you come to this clinic without voucher?	discrete	numeric	If you had not recieved a voucher, would you still have come to this clinic for treatment?
V344	q2_32a	Where would you go for treatment if you had no voucher?	discrete	numeric	Where would you have gone to seek treatment if you did not receive a voucher?
V345	q2_32b	Other place would have sought treatment specified	discrete	character	Where would you have gone to seek treatment if you did not receive a voucher?
V346	q2_33_1a	Ever diagnosed with diabetes	discrete	numeric	Have you ever been diagnosed with any of the following DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE TUBERCULOSIS HIV
V347	q2_33_1b	Year diagnosed with diabetes	discrete	numeric	If YES, when were you diagnosed (Year)?
V348	q2_33_2a	Ever diagnosed with heart attack	discrete	numeric	Have you ever been diagnosed with any of the following DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE TUBERCULOSIS HIV
V349	q2_33_2b	Year diagnosed with heart attack	discrete	numeric	If YES, when were you diagnosed (Year)?
V350	q2_33_3a	Ever diagnosed with angina	discrete	numeric	Have you ever been diagnosed with any of the following DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE TUBERCULOSIS HIV

ID	Name	Label	Type	Format	Question
V351	q2_33_3b	Year diagnosed with angina	discrete	numeric	If YES, when were you diagnosed (Year)?
V352	q2_33_4a	Ever diagnosed with any other heart disease	discrete	numeric	Have you ever been diagnosed with any of the following DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE TUBERCULOSIS HIV
V353	q2_33_4b	Ever diagnosed with any other heart disease	contin	numeric	If YES, when were you diagnosed (Year)?
V354	q2_33_5a	Ever diagnosed with kidney disease	discrete	numeric	Have you ever been diagnosed with any of the following DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE TUBERCULOSIS HIV
V355	q2_33_5b	Year diagnosed with kidney disease	discrete	numeric	If YES, when were you diagnosed (Year)?
V356	q2_33_6a	Ever diagnosed with stroke	discrete	numeric	Have you ever been diagnosed with any of the following DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE TUBERCULOSIS HIV
V357	q2_33_6b	Year diagnosed with stroke	discrete	numeric	If YES, when were you diagnosed (Year)?
V358	q2_33_7a	Ever diagnosed with liver disease	discrete	numeric	Have you ever been diagnosed with any of the following DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE TUBERCULOSIS HIV
V359	q2_33_7b	Year diagnosed with liver disease	contin	numeric	If YES, when were you diagnosed (Year)?
V360	q2_33_8a	Ever diagnosed with cancer of any type	discrete	numeric	Have you ever been diagnosed with any of the following DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE TUBERCULOSIS HIV
V361	q2_33_8b	Year diagnosed with cancer of any type	discrete	numeric	If YES, when were you diagnosed (Year)?
V362	q2_33_9a	Ever diagnosed with tuberculosis	discrete	numeric	Have you ever been diagnosed with any of the following DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE TUBERCULOSIS HIV
V363	q2_33_9b	Year diagnosed with tuberculosis	discrete	numeric	If YES, when were you diagnosed (Year)?
V364	q2_33_10a	Ever diagnosed with-HIV	discrete	numeric	Have you ever been diagnosed with any of the following DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE TUBERCULOSIS HIV
V365	q2_33_10b	Year diagnosed with-HIV	discrete	numeric	If YES, when were you diagnosed (Year)?
V366	q2_34a	Do you have peripheral neuropathy?	discrete	numeric	
V367	q2_34b	Do you have poor vision?	discrete	numeric	
V368	q2_34c	Do you have amputation?	discrete	numeric	
V369	q2_34d	Do you have kidney problems?	discrete	numeric	
V370	q2_34e	Do you have chest pain?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V371	q2_34f	Do you have body swelling?	discrete	numeric	
V372	q2_34ga	Do you have other complication?	discrete	numeric	
V373	q2_34gb	Other complications specified?	discrete	character	
V374	q3_10	would you like to receive sms reminders?	discrete	numeric	Would you like to receive sms reminders about your next clinic appointment and other health information?
V375	q3_11	Do you own a functioning mobile phone?	discrete	numeric	Do you own a functioning mobile phone where you can be reached ?
V376	q3_12	Like to be part of a support group of hypertensives?	discrete	numeric	Would you like to be part of a support group of hypertensives from your community?
V377	q3_13a	Should engage in health promotion discussions?	discrete	numeric	What activities should this support group engage in?
V378	q3_13b	Should engage in income generating activities?	discrete	numeric	What activities should this support group engage in?
V379	q3_13c	Should engage in sensitizing community about CVD?	discrete	numeric	What activities should this support group engage in?
V380	q3_13d	Should engage in savings and cooperatives?	discrete	numeric	What activities should this support group engage in?
V381	q3_13ea	Should engage in other?	discrete	numeric	What activities should this support group engage in?
V382	q3_13eb	Other activities should engage in specified?	discrete	character	What activities should this support group engage in?
V383	q3_14	How often should the group meet?	discrete	numeric	How often should the group meet?
V384	q4_10	Is the patient anaemic?	discrete	numeric	
V385	q4_11	Is the patient dehydrated?	discrete	numeric	
V386	q4_12	Does the patient have pedal oedema?	discrete	numeric	
V387	q4_13	What is the level of oedema?	discrete	numeric	
V388	q4_20a	1st Blood Pressure reading-Systolic	contin	numeric	
V389	q4_20b	1st Blood Pressure reading-Diastolic	contin	numeric	
V390	q4_20c	1st Blood Pressure reading-Pulse rate	contin	numeric	
V391	q4_21a	2nd Blood Pressure reading-Systolic	contin	numeric	
V392	q4_21b	2nd Blood Pressure reading-Diastolic	contin	numeric	
V393	q4_21c	2nd Blood Pressure reading-Pulse rate	contin	numeric	
V394	q4_30	Can respondent stand up?	discrete	numeric	FW: Can respondent stand up?
V395	q4_31a	Measured height in cm-1st Reading	contin	numeric	
V396	q4_31b	Measured height in cm-2nd Reading	contin	numeric	
V397	q4_32a	Weight in Kg-1st Reading	contin	numeric	
V398	q4_32b	Weight in Kg-2nd Reading	contin	numeric	
V399	q4_33a	Waist circumference-1st Reading	contin	numeric	
V400	q4_33b	Waist circumference-2nd Reading	contin	numeric	
V401	q4_34a	Hip Circumference-1st Reading	contin	numeric	
V402	q4_34b	Hip Circumference-2nd Reading	contin	numeric	
V403	q4_40	Blood glucose	contin	numeric	

Clinic_endline

Content	
Cases	513
Variable(s)	97
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1155	q1_2	Date of interview (dd/mm/yyyy)	discrete	character	DATE OF INTERVIEW (DD/MM/YYYY)
V1156	individ	Respondent Individual ID	contin	numeric	
V1157	q1_4	Respondent's date of birth (dd/mm/yyyy)	discrete	character	RESPONDENT'S DATE OF BIRTH (DD/MM/YYYY)
V1158	q1_5	Respondent's sex	discrete	numeric	RESPONDENT'S SEX (F=Female; M=Male)
V1159	q1_7	Village where respondent lives	discrete	character	VILLAGE WHERE RESPONDENT LIVES
V1160	q1_9	Data collection round	discrete	numeric	DATA COLLECTION ROUND (B=Baseline; O=1-Year Follow-up)
V1161	q1_10	Do you accept to participate in the study?	discrete	numeric	Do you accept to participate in the study?
V1162	q1_11	Respondent's Signature	discrete	numeric	Could you please sign here to show that you have accepted to participate in the study?
V1163	q1_12	Final result of interview	discrete	numeric	FINAL RESULT OF INTERVIEW (CODE SHEET A7)
V1164	q2_10	When did you first visited the clinic?	discrete	character	When were you first diagnosed with High Blood Pressure?
V1165	q2_11	When did you last visit the clinic?	discrete	character	When did you last visit the clinic?
V1166	q2_12a	How many times did you visit the clinic	contin	numeric	How many times did you visit the clinic
V1167	q2_12b	How often did you visit the clinic	discrete	numeric	How often did you visit the clinic
V1168	q2_13a	Were you diagnosed hypertension	discrete	numeric	With which conditions were you diagnosed
V1169	q2_13b	Were you diagnosed diabetes	discrete	numeric	With which conditions were you diagnosed
V1170	q2_13c	Were you diagnosed hypertension and diabetes	discrete	numeric	With which conditions were you diagnosed
V1171	q2_13d	Were you diagnosed none of both	discrete	numeric	With which conditions were you diagnosed
V1172	q2_14	Did you use any drugs for your hypertension/diabetes	discrete	numeric	Did you use any drugs for your hypertension/diabetes
V1173	q2_15	How often were you taking the medication for high BP?	discrete	numeric	How often were you taking the medication for high BP?
V1174	q2_16a	Had nausea, vomitting or diarhhea since started medication?	discrete	numeric	Have you had any of the following problems since you started taking the medication? NAUSEA, VOMITTING OR DIARHHEA DIZZINESS OR FAINTNESS SKIN RASHES, ITCHING, DISCOLORATION SWELLINGS (FACE, LIPS, TONGUE) DIFFICULTY IN BREATHING, CHEST PAIN SEXUAL DYSFUNCTION OTHER(SPECIFY)

ID	Name	Label	Type	Format	Question
V1175	q2_16b	Had dizziness or faintness since started medication?	discrete	numeric	Have you had any of the following problems since you started taking the medication? NAUSEA, VOMITTING OR DIARHHEA DIZZINESS OR FAINTNESS SKIN RASHES, ITCHING, DISCOLORATION SWELLINGS (FACE, LIPS, TONGUE) DIFFICULTY IN BREATHING, CHEST PAIN SEXUAL DYSFUNCTION OTHER(SPECIFY)
V1176	q2_16c	Had skin rashes, itching, discoloration since started medication?	discrete	numeric	Have you had any of the following problems since you started taking the medication? NAUSEA, VOMITTING OR DIARHHEA DIZZINESS OR FAINTNESS SKIN RASHES, ITCHING, DISCOLORATION SWELLINGS (FACE, LIPS, TONGUE) DIFFICULTY IN BREATHING, CHEST PAIN SEXUAL DYSFUNCTION OTHER(SPECIFY)
V1177	q2_16d	Had swellings (face, lips, tongue) since started medication?	discrete	numeric	Have you had any of the following problems since you started taking the medication? NAUSEA, VOMITTING OR DIARHHEA DIZZINESS OR FAINTNESS SKIN RASHES, ITCHING, DISCOLORATION SWELLINGS (FACE, LIPS, TONGUE) DIFFICULTY IN BREATHING, CHEST PAIN SEXUAL DYSFUNCTION OTHER(SPECIFY)
V1178	q2_16e	Had difficulty in breathing, chest pain since started medication?	discrete	numeric	Have you had any of the following problems since you started taking the medication? NAUSEA, VOMITTING OR DIARHHEA DIZZINESS OR FAINTNESS SKIN RASHES, ITCHING, DISCOLORATION SWELLINGS (FACE, LIPS, TONGUE) DIFFICULTY IN BREATHING, CHEST PAIN SEXUAL DYSFUNCTION OTHER(SPECIFY)
V1179	q2_16f	Had sexual dysfunction since started medication?	discrete	numeric	Have you had any of the following problems since you started taking the medication? NAUSEA, VOMITTING OR DIARHHEA DIZZINESS OR FAINTNESS SKIN RASHES, ITCHING, DISCOLORATION SWELLINGS (FACE, LIPS, TONGUE) DIFFICULTY IN BREATHING, CHEST PAIN SEXUAL DYSFUNCTION OTHER(SPECIFY)
V1180	q2_16g	Had other problem since started medication?	discrete	numeric	Have you had any of the following problems since you started taking the medication? NAUSEA, VOMITTING OR DIARHHEA DIZZINESS OR FAINTNESS SKIN RASHES, ITCHING, DISCOLORATION SWELLINGS (FACE, LIPS, TONGUE) DIFFICULTY IN BREATHING, CHEST PAIN SEXUAL DYSFUNCTION OTHER(SPECIFY)
V1181	q2_16gs	Other problem had specified	discrete	character	Have you had any of the following problems since you started taking the medication? NAUSEA, VOMITTING OR DIARHHEA DIZZINESS OR FAINTNESS SKIN RASHES, ITCHING, DISCOLORATION SWELLINGS (FACE, LIPS, TONGUE) DIFFICULTY IN BREATHING, CHEST PAIN SEXUAL DYSFUNCTION OTHER(SPECIFY)
V1182	q2_17	Are you currently taking medication for high BP?	discrete	numeric	Are you currently taking the above medication for high BP?
V1183	q2_18a	How long ago did you stop taking treatment (units)?	discrete	numeric	How long ago did you stop taking treatment? (UNITS: D=Days, W=Weeks, M=Months, Y=Years)
V1184	q2_18b	How long ago did you stop taking treatment (no.of units)?	discrete	numeric	How long ago did you stop taking treatment? (UNITS: D=Days, W=Weeks, M=Months, Y=Years)
V1185	q2_19	Why did you stop taking the treatment?	discrete	numeric	Why did you stop taking the treatment?
V1186	q2_19s	Other reason stopped treatment specified	discrete	character	Why did you stop taking the treatment?
V1187	q2_20	Changed health lifestyle since last involvement?	discrete	numeric	Did you change any lifestyle regarding health since your involvement in the project
V1188	q2_21a	Do more physical exercise	discrete	numeric	What kind of lifestyle did you change
V1189	q2_21b	Reduction salt in diet	discrete	numeric	What kind of lifestyle did you change
V1190	q2_21c	Reduction fat in diet	discrete	numeric	What kind of lifestyle did you change
V1191	q2_21d	Reduction sugar in diet	discrete	numeric	What kind of lifestyle did you change

ID	Name	Label	Type	Format	Question
V1192	q2_21e	Reduction alcohol	discrete	numeric	What kind of lifestyle did you change
V1193	q2_21f	Reduction smoking	discrete	numeric	What kind of lifestyle did you change
V1194	q2_21g	Had other change	discrete	numeric	What kind of lifestyle did you change
V1195	q2_21gs	Other change had specified	discrete	character	What kind of lifestyle did you change
V1196	q2_30a	Diagnosed with diabetes	discrete	numeric	Have you been diagnosed with any of the following since your first visit at this clinic? DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE
V1197	q2_30b	Diagnosed with heart disease-heart attack	discrete	numeric	Have you been diagnosed with any of the following since your first visit at this clinic? DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE
V1198	q2_30c	Diagnosed with heart disease - angina	discrete	numeric	Have you been diagnosed with any of the following since your first visit at this clinic? DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE
V1199	q2_30d	Diagnosed with heart disease - any other	discrete	numeric	Have you been diagnosed with any of the following since your first visit at this clinic? DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE
V1200	q2_30e	Diagnosed with kidney disease	discrete	numeric	Have you been diagnosed with any of the following since your first visit at this clinic? DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE
V1201	q2_30f	Diagnosed with stroke	discrete	numeric	Have you been diagnosed with any of the following since your first visit at this clinic? DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE
V1202	q2_30g	Diagnosed with liver disease	discrete	numeric	Have you been diagnosed with any of the following since your first visit at this clinic? DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE
V1203	q2_30h	Diagnosed with angina	discrete	numeric	Have you been diagnosed with any of the following since your first visit at this clinic? DIABETES HEART DISEASE - HEART ATTACK HEART DISEASE - ANGINA HEART DISEASE - ANY OTHER KIDNEY DISEASE STROKE LIVER DISEASE CANCER OF ANY TYPE
V1204	q2_31a	Patient has peripheral neuropathy	discrete	numeric	FW: Does the patient currently have any of the following? DOES THE PATIENT CURRENTLY HAVE ANY OF THE FOLLOWING COMPLICATIONS? PERIPHERAL NEUROPATHY POOR VISION AMPUTATION KIDNEY PROBLEMS CHEST PAIN BODY SWELLING (ABDOMINAL OR PEDAL OEDEMA) OTHER COMPLICATION (SPECIFY)
V1205	q2_31b	Patient has poor vision	discrete	numeric	FW: Does the patient currently have any of the following? DOES THE PATIENT CURRENTLY HAVE ANY OF THE FOLLOWING COMPLICATIONS? PERIPHERAL NEUROPATHY POOR VISION AMPUTATION KIDNEY PROBLEMS CHEST PAIN BODY SWELLING (ABDOMINAL OR PEDAL OEDEMA) OTHER COMPLICATION (SPECIFY)

ID	Name	Label	Type	Format	Question
V1206	q2_31c	Patient has amputation	discrete	numeric	FW: Does the patient currently have any of the following? DOES THE PATIENT CURRENTLY HAVE ANY OF THE FOLLOWING COMPLICATIONS? PERIPHERAL NEUROPATHY POOR VISION AMPUTATION KIDNEY PROBLEMS CHEST PAIN BODY SWELLING (ABDOMINAL OR PEDAL OEDEMA) OTHER COMPLICATION (SPECIFY)
V1207	q2_31d	Patient has kidney problems	discrete	numeric	FW: Does the patient currently have any of the following? DOES THE PATIENT CURRENTLY HAVE ANY OF THE FOLLOWING COMPLICATIONS? PERIPHERAL NEUROPATHY POOR VISION AMPUTATION KIDNEY PROBLEMS CHEST PAIN BODY SWELLING (ABDOMINAL OR PEDAL OEDEMA) OTHER COMPLICATION (SPECIFY)
V1208	q2_31e	Patient has chest pain	discrete	numeric	FW: Does the patient currently have any of the following? DOES THE PATIENT CURRENTLY HAVE ANY OF THE FOLLOWING COMPLICATIONS? PERIPHERAL NEUROPATHY POOR VISION AMPUTATION KIDNEY PROBLEMS CHEST PAIN BODY SWELLING (ABDOMINAL OR PEDAL OEDEMA) OTHER COMPLICATION (SPECIFY)
V1209	q2_31f	Patient has body swelling (abdominal or pedal oedema)	discrete	numeric	FW: Does the patient currently have any of the following? DOES THE PATIENT CURRENTLY HAVE ANY OF THE FOLLOWING COMPLICATIONS? PERIPHERAL NEUROPATHY POOR VISION AMPUTATION KIDNEY PROBLEMS CHEST PAIN BODY SWELLING (ABDOMINAL OR PEDAL OEDEMA) OTHER COMPLICATION (SPECIFY)
V1210	q2_31g	Patient has other complication (specify)	discrete	numeric	FW: Does the patient currently have any of the following? DOES THE PATIENT CURRENTLY HAVE ANY OF THE FOLLOWING COMPLICATIONS? PERIPHERAL NEUROPATHY POOR VISION AMPUTATION KIDNEY PROBLEMS CHEST PAIN BODY SWELLING (ABDOMINAL OR PEDAL OEDEMA) OTHER COMPLICATION (SPECIFY)
V1211	q2_31gs	Patient's other complication specified	discrete	character	FW: Does the patient currently have any of the following? DOES THE PATIENT CURRENTLY HAVE ANY OF THE FOLLOWING COMPLICATIONS? PERIPHERAL NEUROPATHY POOR VISION AMPUTATION KIDNEY PROBLEMS CHEST PAIN BODY SWELLING (ABDOMINAL OR PEDAL OEDEMA) OTHER COMPLICATION (SPECIFY)
V1212	q3_10	Did the CHW contact you again for follow up visits	discrete	numeric	After you visited the clinic, did the CHW contact you again for follow up visits
V1213	q3_11a	Sent me a text message	discrete	numeric	How did the CHW contact you?
V1214	q3_11b	Called me on the phone	discrete	numeric	How did the CHW contact you?
V1215	q3_11c	Home visit	discrete	numeric	How did the CHW contact you?
V1216	q3_11d	Sent a message through my friend/neigbour	discrete	numeric	How did the CHW contact you?
V1217	q3_11e	Other way contacted	discrete	numeric	How did the CHW contact you?
V1218	q3_11es	The other way contacted specified	discrete	character	
V1219	q3_12a	How many times did the CHW contact you?	contin	numeric	How many times did the CHW contact you in the last year
V1220	q3_12b	How often did the CHW visit you in the last year	discrete	numeric	How often did the CHW visit you in the last year
V1221	q3_13	Did CHW's contact influence your coming to clinic?	discrete	numeric	Did the CHW's effort to contact you influence your decision to come to this clinic?
V1222	q3_20	Have you received SMS to attend the clinic ?	discrete	numeric	Have you received SMS to attend the clinic in the last year
V1223	q3_21a	How many times did you receive an SMS in the last year	contin	numeric	How many times did you receive an SMS in the last year
V1224	q3_21b	How often did you receive SMS in the last year?	discrete	numeric	How often did you receive SMS in the last year?

ID	Name	Label	Type	Format	Question
V1225	q3_22	Did the SMS influence your coming to this clinic?	discrete	numeric	Did the SMS influence your decision to come to this clinic?
V1226	q3_30	Have you visited a support group in the last year	discrete	numeric	Have you visited a support group in the last year
V1227	q3_31a	How many times did you visit the support group	contin	numeric	How many times did you visit the support group
V1228	q3_31b	How often did you attend the support group	discrete	numeric	How often did you attend the support group
V1229	q3_32	Did support group influence your coming to clinic?	discrete	numeric	Did the support group influence your decision to come to this clinic?
V1230	q3_33	Why didn't you attend the support group	discrete	numeric	Why didn't you attend the support group
V1231	q3_33s	Other reason not attending support group	discrete	character	
V1232	q4_10	Is the patient anaemic?	discrete	numeric	FW: Is the patient anaemic? (CHECK PALMS, EYES, TONGUE)
V1233	q4_11	Is the patient dehydrated?	discrete	numeric	FW: Is the patient dehydrated? (CHECK EYES, SKIN, LIPS, TONGUE)
V1234	q4_12	Does the patient have pedal oedema?	discrete	numeric	FW: Does the patient have pedal oedema?
V1235	q4_13	What is the level of oedema?	discrete	numeric	FW: What is the level of oedema?
V1236	q4_20a	1st Systolic Blood Pressure reading	contin	numeric	
V1237	q4_20b	1st Diastolic Blood Pressure reading	contin	numeric	
V1238	q4_20c	1st Pulse rate reading	contin	numeric	
V1239	q4_21a	2nd Systolic Blood Pressure reading	contin	numeric	
V1240	q4_21b	2nd Diastolic Blood Pressure reading	contin	numeric	
V1241	q4_21c	2nd Pulse rate reading	contin	numeric	
V1242	q4_30	Can respondent stand up?	discrete	numeric	FW: Can respondent stand up?
V1243	q4_31a	1st Reading height measurement	contin	numeric	
V1244	q4_31b	2nd Reading height measurement	contin	numeric	
V1245	q4_32a	1st Reading weight measurement	contin	numeric	
V1246	q4_32b	2nd Reading weight measurement	contin	numeric	
V1247	q4_33a	1st Reading of waist circumference	contin	numeric	
V1248	q4_33b	2nd Reading of waist circumference	contin	numeric	
V1249	q4_34a	1st Reading of Hip Circumference	contin	numeric	
V1250	q4_34b	2nd Reading of Hip Circumference	contin	numeric	
V1251	q4_40	Blood glucose	contin	numeric	

First_clinic

Content	
Cases	728
Variable(s)	40
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V501	uniqueid	Clinic_records Unique ID	discrete	character	
V502	vdate	Clinic visit date	discrete	character	
V503	timein	The time patient came in the clinic	contin	numeric	
V504	timeout	The time patient left the clinic	contin	numeric	
V505	notinlist	Patient not in the list	discrete	numeric	
V506	individ	Respondent Individual ID	contin	numeric	
V507	sex	Sex of the patient	discrete	numeric	
V508	dob	Date of birth	discrete	character	
V509	village	The village of residence	discrete	numeric	
V510	diabetic	The patient is diabetic	discrete	numeric	
V511	hypert	The patient if hypertensive	discrete	numeric	
V512	systolic	Systolic blood pressure	contin	numeric	
V513	diastolic	Diastolic blood pressure	contin	numeric	
V514	weight	The weight of patient	contin	numeric	
V515	height	The patient height	contin	numeric	
V516	bmi	Body Mass Index	contin	numeric	
V517	rgb	Random Blood Sugar	contin	numeric	
V518	wc	The waist circumference	contin	numeric	
V519	hyd	Hydrochlorothiazide prescribed	discrete	numeric	
V520	hyd_dose	The Hydrochlorothiazide Dose given (in mg)	contin	numeric	
V521	hyd_freq	The frequency for Hydrochlorothiazide given	discrete	numeric	
V522	nif	The Nifedipine prescribed	discrete	numeric	
V523	nif_dose	The Nifedipine prescribed dose (in mg)	discrete	numeric	
V524	nif_freq	The Nifedipine prescribed frequency	discrete	numeric	
V525	ena	The Enalapril prescribed	discrete	numeric	
V526	ena_dose	The Enalapril prescribed dose (in mg)	contin	numeric	
V527	ena_freq	The Enalapril prescribed frequency	discrete	numeric	
V528	met	The Metformin prescribed	discrete	numeric	

ID	Name	Label	Type	Format	Question
V529	met_dose	The Metformin prescribed dose (in mg)	contin	numeric	
V530	met_freq	The Metformin prescribed frequency	discrete	numeric	
V531	premed	Premedication (antihypertensive medication)	discrete	character	
V532	opremed	Other premedication	discrete	character	
V533	ladvice1	Stop smoking	discrete	numeric	
V534	ladvice2	Improve diet	discrete	numeric	
V535	ladvice3	Increase physical activity	discrete	numeric	
V536	ladvice4	Reduce taking alcohol	discrete	numeric	
V537	ladvice5	Reduce salt intake	discrete	numeric	
V538	ladvice6	Other lifestyle advise	discrete	character	
V539	comments	General comments	discrete	character	
V540	ndate	Next visit date	discrete	character	

Followup_clinic

Content	
Cases	3345
Variable(s)	41
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V541	uniqueid	Clinic record Unique ID	discrete	character	
V542	individ	Respondent Individual ID	contin	numeric	
V543	vdate	Clinic visit date	discrete	character	
V544	timein	The time patient came in the clinic	contin	numeric	
V545	timeout	The time patient left the clinic	contin	numeric	
V546	systolic	Systolic blood pressure	contin	numeric	
V547	diastolic	Diastolic blood pressure	contin	numeric	
V548	rgb	Random Blood Sugar	contin	numeric	
V549	bmi	Body Mass Index	contin	numeric	
V550	cough	Cough side effects	discrete	numeric	
V551	oedema	Oedema side effects	discrete	numeric	
V552	palpitations	Palpitations side effects	discrete	numeric	
V553	headaches	Headache side effects	discrete	numeric	
V554	vertigo	Vertigo side effects	discrete	numeric	
V555	otherse	Other side effects	discrete	character	
V556	hyd	Hydrochlorothiazide prescribed	discrete	numeric	
V557	hyd_dose	The Hydrochlorothiazide Dose given (in mg)	contin	numeric	
V558	hyd_freq	The frequency for Hydrochlorothiazide given	discrete	numeric	
V559	nif	The Nifedipine prescribed	discrete	numeric	
V560	nif_dose	The Nifedipine prescribed dose (in mg)	discrete	numeric	
V561	nif_freq	The Nifedipine prescribed frequency	discrete	numeric	
V562	ena	The Enalapril prescribed	discrete	numeric	
V563	ena_dose	The Enalapril prescribed dose (in mg)	contin	numeric	
V564	ena_freq	The Enalapril prescribed frequency	discrete	numeric	
V565	met	The Metformin prescribed	discrete	numeric	
V566	met_dose	The Metformin prescribed dose (in mg)	contin	numeric	
V567	met_freq	The Metformin prescribed frequency	discrete	numeric	
V568	opremed	Other medication	discrete	character	

ID	Name	Label	Type	Format	Question
V569	notes	General notes/comments	discrete	character	
V570	ladvice1	Stop smoking	discrete	numeric	
V571	ladvice2	Improve diet	discrete	numeric	
V572	ladvice3	Increase physical activity	discrete	numeric	
V573	ladvice4	Reduce taking alcohol	discrete	numeric	
V574	ladvice5	Reduce salt intake	discrete	numeric	
V575	ladvice6	Other lifestyle advise	discrete	character	
V576	mscore1	Ever forget to take medicine?	discrete	numeric	
V577	mscore2	Careless at times taking medicine?	discrete	numeric	
V578	mscore3	Stop taking medicine when feel well?	discrete	numeric	
V579	mscore4	Stopp taking medicine when you feel worse?	discrete	numeric	
V580	mscore	Total Morisky Score	discrete	numeric	
V581	ndate	Next visit date	discrete	character	

ID	Name	Label	Type	Format	Question

Related Materials

Questionnaires

Population_baseline

Title	Population_baseline
Filename	Population_baseline.pdf

Population_endline

Title	Population_endline
Filename	Population_endline.pdf

Clinic_Baseline

Title	Clinic_Baseline
Filename	Clinic_Baseline.pdf

Clinic_Endline

Title	Clinic_Endline
Filename	Clinic_Endline_final.pdf