KENYA - Indicator Development Surveillance for Urban Emergencies

Report generated on: November 19, 2014

Visit our data catalog at:

Overview

Identification

ID NUMBER
APHRC-IDSUE-2013-1.2

Version

NOTES
Version 1.2, 2014: Rounds 1 to 4 documented, Anonymized, DOI and Recommended Citation added.

Overview

ABSTRACT
The indicator Development for Surveillance of Urban Emergencies (IDSUE) was a five year project funded by the USAID (Office of U.S Foreign Disaster Assistance-OFDA) and implemented by Concern Worldwide in partnership with African Population and Health Research Center (APHRC). The project's aim was to develop and empirically test a set of emergency indicators for an urban slum environment. The project was to empirically define indicators of urban emergencies suitable for triggering a humanitarian response. This work was to feed into a larger movement in Kenya to identify such indicators as well as fill a critical knowledge and information gap that currently prevents humanitarian actors from effectively and equitably responding to the emergency needs of Kenya's urban poor.

UNITS OF ANALYSIS
Basic unit of analysis or observation that the study describes is a household.

Scope

NOTES
The study questionnaire contained the following modules:

Household living arrangements

Source of drinking water

Hygiene & sanitation domain

Food security domain

Food consumption and expenditure

Health and health seeking behaviour

Interpersonal relationships

Personal and property security domain

Non-food consumption & expenditure

Household livelihoods

KEYWORDS
Food security, Livelihood, Coping strategy

Coverage

GEOGRAPHIC COVERAGE

The study was conducted in Nairobi county (Korogocho, Viwandani, Dandora, Jericho, Mukuru) and Kisumu (Obunga, Nyalenda). The study sites were visited differently over the entire 7 rounds: Korogocho and Viwandani for all 7 rounds, Mukuru for round 4 to 7, Obunga and Nyalenda for rounds 5 to 7, Dandora for rounds 4 and 5, and Jericho for round 5

UNIVERSE
The target study population was residents of the seven communities (Korogocho, Viwandani, Mukuru, Dandora, Nyalenda, Obungo and Jericho) and the sampling unit was a household.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
African Population and Health Research Center	APHRC

OTHER PRODUCER(S)

Name	Affiliation	Role
Elizabeth Kimani	APHRC	Principale Investigator
Lilly Schofield	Concern Worldwide	
Remare Ettarh	APHRC	
James Kimani	APHRC	
Shukri Mohamed	APHRC	
Fredrick Wekesa	APHRC	
Thaddaeus Egondi	APHRC	
Nelson Gichuhi	APHRC	
Catherine Kyobutungi	APHRC	

FUNDING

Name	Abbreviation	Role
USAID Office of U.S Foreign Disaster Assistance	OFDA	Funder

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
African Population and Health Research Center	APHRC	APHRC	Metadata Producer

DATE OF METADATA PRODUCTION
2013-12-16

DDI DOCUMENT VERSION
Version 1.2

DDI DOCUMENT ID
APHRC-IDSUE-2013-1.2

Sampling

Sampling Procedure

Efforts were made by the study team to ensure that all populations in the selected settings were well represented in the study through the sampling methodology used. Selections of households in the seven communities followed the following procedure.

1. The sample size of 400 households was targeted for each slum to be selected across all the villages included in the survey.
2. The selection of households involved use of a modified cluster sampling using segmentation of villages due to the absence of household or enumeration area listings.
3. Each slum was divided into villages for which approximate boundaries have been mapped. Each village was subdivided into sampling segments for the purpose of household selection and to ensure spatial representativeness in the selection.
4. The number of segments in each village was based on the estimated number of households in the village. On average about 10 households were selected from each segment.
5. The segments were treated as geographic strata to ensure that sample is taken from the whole slum area. Within each segment, smaller sub-segments were delineated by teams on the ground. These sub-segments were approximately 150-200 households in size.
6. After sub-segments are defined they will be assigned a number and a random sample of sub-segments was taken from each segment (most segments had 4 sub-segments being selected).
7. In each selected sub-segment the field worker created a full household listing by moving systematically through the sub-segment and listing the households in each dwelling structure.
8. The fieldworker then randomly selected 3 households from the sub-segment household list for interview.

Deviations from Sample Design

None

Response Rate

A total of 13,048 household visits were made over the 7 rounds of data collection in all the study sites (Viwandani-3673, Korogocho-3691, Dandora-828, Mukuru-2076, Jericho-313, Obunga-1096 and Nyalenda-1372).

Weighting

No weighting

Questionnaires

Overview

The household questionnaire was administered in Kiswahili for each selected household to credible respondent (mainly household head). Data were collected using electronically programmed questionnaires in netbooks and android phones. The questionnaire included sections on Household living arrangements, Source of drinking water, Hygiene & sanitation domain, Food security domain, Food consumption and expenditure, Health and health seeking behavior, Interpersonal relationships, Personal and property security domain, Non-food consumption & expenditure, Household livelihoods and coping strategies.

Data Collection

Data Collection Dates

Start	End	Cycle
2011-03-01	2011-04-30	Round One
2011-07-01	2011-08-31	Round Two
2011-12-01	2012-01-31	Round Three
2012-04-01	2012-05-30	Round Four
2012-08-01	2012-09-30	Round Five
2013-03-01	2013-03-31	Round Six
2013-04-01	2013-04-30	Round Seven

Data Collection Mode

Face-to-face [f2f]

Questionnaires

The household questionnaire was administered in Kiswahili for each selected household to credible respondent (mainly household head). Data were collected using electronically programmed questionnaires in netbooks and android phones. The questionnaire included sections on Household living arrangements, Source of drinking water, Hygiene & sanitation domain, Food security domain, Food consumption and expenditure, Health and health seeking behavior, Interpersonal relationships, Personal and property security domain, Non-food consumption & expenditure, Household livelihoods and coping strategies.

Supervision

There were approximately 70 field workers selected in the rounds of data collection for the seven data collection sites. Each site had two team leader and approximately 8-12 field workers. The fieldworkers collected and recorded the survey information on their netbooks or the mobile data collection systems while the team leaders planned the survey collection logistics, managed the data collection, organized the selection of the households, observed interviews, and checked the data for quality.

Completed quantitative interviews were reviewed by the field worker and sent electronically to the supervisor each day for quality checks. The data was then synchronized to the main database on a daily basis for back up. Overall data collation was done by the project Data analyst.

Data Processing

Data Editing

Data analyst was in charge of harmonizing data structure from both Netbooks and mobile phone system. The processing included harmonizing variables name, labels and codes. The editing also included generating common indicators.

Other Processing

Data were collected electronically using netbooks and android phones during the interviews.

Data Appraisal

No content available

File Description

Variable List

Household Section (Round 1-4)

Content	
Cases	4861
Variable(s)	113
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V29	q1_1	1.1.start time (24 hrs)	discrete	character	START TIME (24 HRS)
V30	q1_2	1.2.field worker's code	discrete	character	FIELD WORKER'S CODE
V31	q1_3	1.3.date of interview (ddmmyyyy)	discrete	character	DATE OF INTERVIEW (DDMMYYYY)
V33	hhid	Household id (anonymyzed)	contin	numeric	
V34	q1_7a	1.7 gps coordinates	discrete	character	
V35	q1_7b	1.7 gps coordinates	discrete	character	
V36	q1_8	1.8 Informed consent signed	discrete	numeric	
V37	q1_12	1.12. is respondent reference person named in q1.4?	discrete	numeric	FW: IS RESPONDENT REFERENCE PERSON NAMED IN Q1.4?
V39	q1_14	1.14. does respondent live in this household? 1=yes; 2=no	discrete	numeric	FW: DOES RESPONDENT LIVE IN THIS HOUSEHOLD?
V40	q1_16	1.16. how are you related to (name of individual in q1.4)?	discrete	numeric	How are you related to (NAME OF INDIVIDUAL IN Q1.4)? (CODESHEET A1)
V41	q1_17a	1.17' How many children (<15) live in this household?	discrete	numeric	How many adults and children live in this household?
V42	q1_17b	1.17' How many adults (>15) live in this household?	contin	numeric	How many adults and children live in this household?
V43	q1_17c	1.17' Total number of children under 5 years	discrete	numeric	How many adults and children live in this household?
V44	q1_18a	1.18 How long has your household lived in this village(months)?	contin	numeric	How long has your household lived in this village?
V45	q1_18b	1.18 How long has your household lived in this village(Years)?	contin	numeric	How long has your household lived in this village?
V46	q1_19	1.19Where did this household come from before	discrete	numeric	Where did this household come from before settling in this slum?
V47	q2_1	2.1. What is the main source of drinking water?	discrete	numeric	What is the main source of drinking water members of your household have used in the last 2 weeks?
V48	q2_2	2.2 How long does it take you to water source (one-way)?	contin	numeric	How long does it take you to walk from your house to this water source (one-way)?
V49	q2_3	2.3 How long have you had to queue to get water?	contin	numeric	How long have you Normally had to queue to get water in the last 2 weeks?
V50	q2_4	2.4 Do you usually pay for this water?	discrete	numeric	Do you usually pay for this water?

ID	Name	Label	Type	Format	Question
V51	q2_6	2.6 How many 20 litre jericans of water has your household used?	contin	numeric	How many 20 litre jericans of water has your household normally used per day in the last one week?
V52	q2_7	2.7 How would you rate the quality of water used?	discrete	numeric	How would you rate the quality of water from your usual source in the last one week?
V53	q3_1	3.1 Toilet facility used during the day?	discrete	numeric	What kind of toilet facility have household members used during the day in the last 4 weeks?
V54	q3_3	3.1 Toilet facility used at night?	discrete	numeric	What kind of toilet facility have household members used during the night in the last 4 weeks?
V55	q3_6	3.6 Does your HH pay to use the toilet ?	discrete	numeric	Does your HH pay to use the toilet facility?
V56	q3_9a	3.9 Did you wash your hands-after visiting toilet?	discrete	numeric	At what times or after/before what activities did you wash your hands with soap Yesterday?
V57	q3_9b	3.9 Did you wash your hands-before eating?	discrete	numeric	At what times or after/before what activities did you wash your hands with soap Yesterday?
V58	q3_9c	3.9 Did you wash your hands-before eating?	discrete	numeric	At what times or after/before what activities did you wash your hands with soap Yesterday?
V59	q3_9d	3.9 Did you wash your hands-after handling child's waste?	discrete	numeric	At what times or after/before what activities did you wash your hands with soap Yesterday?
V60	q3_9e	3.9 Did you wash your hands-before feeding a child?	discrete	numeric	At what times or after/before what activities did you wash your hands with soap Yesterday?
V61	q3_9f	3.9 Did you wash your hands-after eating?	discrete	numeric	At what times or after/before what activities did you wash your hands with soap Yesterday?
V62	q3_10	3.10 Where MAINLY dispose garbage?	discrete	numeric	Where has your household MAINLY disposed of garbage in the last 4 weeks?
V63	q4_1	4.1. what was the main source of food?	discrete	numeric	In last 4 weeks, what was the main source of food for your household?
V64	q4_2	4.2. How many meals did you consume yesterday?	discrete	numeric	How many meals did you consume in your house yesterday (day and night)?
V65	q4_3	4.3. Did you consume a meal or tea prepared outside?	discrete	numeric	Did you consume a meal or tea prepared outside the home yesterday (day & night)?
V66	q4_5	4.5 Did you eat cooked food purchased from the streets?	discrete	numeric	Did you eat cooked food purchased from the streets Yesterday?
V67	q4_6	4.6. How many meals did children eat in the houseYesterday?	discrete	numeric	How many meals did children in your household eat in the houseYesterday?
V68	q4_7	4.7. Did children in your household eat a meal or tea served outside?	discrete	numeric	Did children in your household eat a meal or tea served outside the home yesterday?
V69	q4_9	Did children eat cooked food purchased from street?	discrete	numeric	Did children eat cooked food purchased from the streets Yesterday?
V70	q4_10a	You or anyone ate Grains/cereals	discrete	numeric	Grains/cereals (Bread, Nyoyo or any other food made from millet, sorghum, maize, rice, ugali, porridge, mandazi, chapati)
V71	q4_10b	You or anyone ate Roots and tubers	discrete	numeric	Roots and tubers (potatoes, sweet potato, cassava, nduma or any foods made from roots)
V72	q4_10c	You or anyone ate Legumes and nuts	discrete	numeric	Legumes and nuts (Beans, peas, nyoyo, ndengu, nuts seeds or other foods made from these)
V73	q4_10d	You or anyone ate Dairy products	discrete	numeric	Dairy products (milk, yogurt, cheese, mala or food made from dairy)
V74	q4_10e	You or anyone ate Flesh foods	discrete	numeric	Flesh foods (meat, fish, poultry, pork and liver/organ meats)
V75	q4_10l	You or anyone ate Fish	discrete	numeric	Fish (all types of fish e.g. omena, tilapia,..et.c.)
V76	q4_10f	You or anyone ate Eggs	discrete	numeric	Eggs

ID	Name	Label	Type	Format	Question
V77	q4_10g	You or anyone ate Vegetables	discrete	numeric	Vegetables (Carrot, dark green leafy vegetables (cassava, sweet potato leaves, osuga, kunde, etc), pumpkin, sukuma wiki, managu, terere, sucha, saga, mitoo, mrenda, pumpkin leaves, cabbage and locally available leaves) etc
V78	q4_10h	You or anyone ate Fruits	discrete	numeric	Fruits (Orange, lemon (or other citrus fruits), pineapple, banana, mango, paw paw, , etc
V79	q4_10i	You or anyone ate Oils and fat	discrete	numeric	Oils and fat (Oils, fats or butter added to food/used for cooking)
V80	q4_10j	You or anyone ate Sugar or honey	discrete	numeric	Sugar or honey (Sugar/honey added to food such as tea, porridge, bread)
V81	q4_10k	You or anyone ate Others	discrete	numeric	Others (condiments, tea, coffee)
V82	q4_12	4.12.Did you worry that your household would NOT have enough food?	discrete	numeric	In the past 4 weeks, did you worry that your household would NOT have enough food? How often?
V83	q4_13	4.13. NOT able to eat the kinds of food due to lack of resources?	discrete	numeric	In the past 4 weeks, were you or any household member NOT able to eat the kinds of food you preferred because of a lack of resources? How often?
V84	q4_14a	4.14. Had to eat a limited variety of foods due to lack of resources?	discrete	numeric	In the past 4 weeks, did you or any household member have to eat a limited variety of foods due to lack of resources?
V85	q4_14	4.15 Had to eat a smaller meal than you felt because there was NOT enough food?	discrete	numeric	In the past 4 weeks, did you or any household member have to eat a smaller meal than you felt you needed because there was NOT enough food?
V86	q4_15	4.16.Had to eat fewer numbers of meals in a day because there was NOT enough foo	discrete	numeric	In the past 4 weeks, did you or any household member have to eat fewer numbers of meals in a day because there was NOT enough food?
V87	q4_16	4.17. NO food to eat because of lack of resources to get food?	discrete	numeric	In the past 4 weeks, was there ever NO food of any kind to eat in your household because of lack of resources to get food? How Often?
V88	q4_17	4.18. Sleep at night hungry because there was NOT enough food?	discrete	numeric	In the past 4 weeks, did you or any household member go to sleep at night hungry because there was NOT enough food? How often?
V89	q4_18	4.19. Go without eating anything because there was NOT enough food?	discrete	numeric	In the past 4 weeks, did you or any household member go a whole day and night without eating anything because there was NOT enough food?
V90	q4_19	4.20. Got relief food from any source?	discrete	numeric	In the past 4 weeks, did your household get relief food from any source?
V91	q4_20	4.21.Enrolled in any social safety net?	discrete	numeric	In the past 4 weeks, has your ousehold been enrolled in any social safety net? (e.g. merry go round)
V92	q4_21	4.22. Any child benefited from a feeding program?	discrete	numeric	In the past 4 weeks, did any child in the household benefit from a feeding program?
V93	q5_1	5.1. Has any member been ill in the last 2 weeks?	discrete	numeric	Has any member of your household (adult or child) been ill in the last 2 weeks?
V94	q5_2	5.2. If YES, how many people were ill?	discrete	numeric	If YES to question 5.1, how many people were ill?
V95	q5_3a	Under-five ill children	discrete	numeric	If YES to question 5.1, how old is the person who was ill?
V96	q5_3b	5-14 ill children	discrete	numeric	If YES to question 5.1, how old is the person who was ill?
V97	q5_3c	15 and above ill people	discrete	numeric	If YES to question 5.1, how old is the person who was ill?
V98	q6_1	6.1 How often have you had disputes with any person ?	discrete	numeric	How often have you had disputes with any person in the household in the last four weeks?

ID	Name	Label	Type	Format	Question
V99	q6_2	6.2 What was the severity of the dispute?	discrete	numeric	What was the severity of the dispute?
V100	q6_3	6.3 How often have you had disputes with people outside?	discrete	numeric	How often have you or another HH member had disputes with friends/neighbours outside your hosehuld in the last four weeks?
V101	q6_4	6.4 What was the severity of the dispute?	discrete	numeric	What was the severity of the dispute?
V102	q6_5	6.5 Have you shared food with your neighbours?	discrete	numeric	How often in the last 4 weeks have you shared food with your neighbours
V103	q6_6	6.6 Have you received food from your neighbours?	discrete	numeric	How often in the last 4 weeks has your neighbour shared food with you?
V104	q7_1a	7.1 Has your household or any member experienced fire?	discrete	numeric	Has your household or any member experienced (.) in the last 4 weeks?
V105	q7_1b	7.1 Has your household or any member experienced flood?	discrete	numeric	Has your household or any member experienced (.) in the last 4 weeks?
V106	q7_1c	7.1 Has your household or any member experienced mugging?	discrete	numeric	Has your household or any member experienced (.) in the last 4 weeks?
V107	q7_1d	7.1 Has your household or any member experienced buglary?	discrete	numeric	Has your household or any member experienced (.) in the last 4 weeks?
V108	q7_1e	7.1 Has your household or any member experienced eviction?	discrete	numeric	Has your household or any member experienced (.) in the last 4 weeks?
V109	q7_1f	7.1 Has your household or any member experienced property destruction?	discrete	numeric	Has your household or any member experienced (.) in the last 4 weeks?
V110	q7_1g	7.1 Has your household or any member experienced rape/sodomy?	discrete	numeric	Has your household or any member experienced (.) in the last 4 weeks?
V111	q7_2a	7.2 How many your household experienced fire?	contin	numeric	How many such events have occurred in the household in the last four weeks?
V112	q7_2b	7.2 How many your household experienced flood?	discrete	numeric	How many such events have occurred in the household in the last four weeks?
V113	q7_2c	7.2 How many your household experienced mugging?	contin	numeric	How many such events have occurred in the household in the last four weeks?
V114	q7_2d	7.2 How many your household experienced buglary?	discrete	numeric	How many such events have occurred in the household in the last four weeks?
V115	q7_2e	7.2 How many your household experienced eviction?	discrete	numeric	How many such events have occurred in the household in the last four weeks?
V116	q7_2f	7.2 How many your household experienced property destruction?	contin	numeric	How many such events have occurred in the household in the last four weeks?
V117	q7_2g	7.2 How many your household experienced rape/sodomy?	discrete	numeric	How many such events have occurred in the household in the last four weeks?
V118	q7_3	7.3 How often have you felt scared walking in the community?	discrete	numeric	How often have you felt scared walking in the community in the last 4 weeks?
V119	q7_4	7.4 How often have you felt scared being in your house?	discrete	numeric	How often have you felt scared being in your house in the last 4 weeks?
V120	q7_5	7.5 How often have you/household member used avoidance measures?	discrete	numeric	How often have you/household member used avoidance measures in the last 4 weeks due to insecurity such as using escorts, using unusual routes, coming home earlier than usual etc?
V121	q7_6	7.6 How would you rate security situation in the community?	discrete	numeric	How would you rate security situation in the community?
V122	q8_1	8.1 Is your household renting or owned?	discrete	numeric	Is your household renting or does it own this dwelling unit/the rooms in which it is living in this structure?
V123	q8_3	8.3 How many sleeping rooms does the house have?	discrete	numeric	How many sleeping rooms does the house have?

ID	Name	Label	Type	Format	Question
V124	q9_1	9.1 What is main source of livelihood for your household?	discrete	numeric	What is main source of livelihood for your household in the past 4 weeks?
V125	q9_2	9.2 How many people have a source of income?	discrete	numeric	How many people in this household currently (have earned income in last 4 weeks) have a source of income?
V126	q10_1	10.1. Purchased household goods on credit?	discrete	numeric	Have you purchased food or other essential household goods on credit because you didn't have the money to buy them outright?
V127	q10_1a	10.1a.Have you taken a loan to buy food or other essential HH goods?	discrete	numeric	Have you taken a loan to buy food or other essential HH goods?
V128	q10_2	10.2.Removed any of your children from school due to lack of school fees?	discrete	numeric	Have you had to remove any of your children from school due to lack of school fees?
V129	q10_3	10.3. Any member left/moved due to lack of resources?	discrete	numeric	Has any member of your household left/moved due to lack of resources to maintain them?
V130	q10_4	10.4 Have you or any member gone out begging ?	discrete	numeric	Have you or any member of your household gone out begging for food or money?
V131	q10_5	10.5 Have you or any household member traded sex for money or food?	discrete	numeric	Have you or any household member traded sex for money or food?
V132	q10_6	10.6 Have you or any household member had multiple sexual partners?	discrete	numeric	Have you or any household member had multiple sexual partners?
V133	q10_7	10.7 Know someone in the community who had sex for money?	discrete	numeric	Do you kNow someone in the community who had sex for money or food in the last month?
V134	q10_8	10.8 You or any household member stolen food or money?	discrete	numeric	Have you or any household member stolen food or money to buy food?
V135	q10_9	10.9 Know someone in the community who stole food or money?	discrete	numeric	Do you kNow someone in the community who stole food or money to buy food in the last one month?
V136	q10_10	10.10. Any household member borrowe food or money?	discrete	numeric	Have you or any household member food or money from friend/neighbor/relative?
V137	q11_2	11.2. fw: record questions and comments raised by respondent	discrete	character	FW: RECORD QUESTIONS AND COMMENTS RAISED BY RESPONDENT
V138	q11_3	11.3. fw: record comments about the interview	discrete	character	FW: RECORD COMMENTS ABOUT THE INTERVIEW
V139	q11_4	11.4. result of interview (codesheet a7)	discrete	numeric	RESULT OF INTERVIEW (CODESHEET A7)
V140	q11_5	11.5. end time (24 hrs)	discrete	character	END TIME (24 HRS)
V141	q11_6	11.6. field supervisor/team leader's code	discrete	character	FIELD SUPERVISOR/TEAM LEADER'S CODE
V142	slum	Study site (Korogocho/Viwandani)	discrete	numeric	
V143	round	Survey round	discrete	numeric	

Food Consumption and Expenditure(Round 1-4)

Content	
Cases	25502
Variable(s)	11
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V212	hhid	Household id (anonymyzed)	contin	numeric	
V213	q0	food item	discrete	character	
V214	code	Food item code	contin	numeric	
V215	q1	Food item consumed	discrete	numeric	Have you or members of your household consumed (eaten)... [FOOD ITEM] ... during the past week?
V216	q2	Quantity of food item consumed	contin	numeric	How much of this food did your household CONSUME during the last week (7 days) - including food that was purchased, and food produced or grown by your household or received as a payment or a gift?
V217	q3	Unit of food item consumed	discrete	numeric	
V218	q4	Amount spent on the food item	contin	numeric	What was the total value of that food consumed?
V219	q5	Main source of the food item	discrete	numeric	What was the main source of this food? Did you obtain some from any other source?
V220	slum	Slum location	discrete	numeric	
V221	round	Survey round of data collection	discrete	numeric	
V222	item	Food item name	discrete	character	

Health Seeking Section(Round 1-4)

Content	
Cases	3118
Variable(s)	30
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V172	hhid	Household id (anonymyzed)	contin	numeric	
V201	q5_2	5.2. If YES, how many people were ill?	contin	numeric	If YES, how many people were ill?
V173	q5_3a	Age of the person	contin	numeric	If YES, how old is the person who was ill?
V174	q5_3b	RECODE of q5_3 (Age of the person)	discrete	numeric	If YES, how old is the person who was ill?
V175	q5_4a	The person has diarrhea	discrete	numeric	What illness did the person(s) have?
V176	q5_4b	The person has fever	discrete	numeric	What illness did the person(s) have?
V177	q5_4c	The person has cough	discrete	numeric	What illness did the person(s) have?
V178	q5_4d	The person has headache	discrete	numeric	What illness did the person(s) have?
V179	q5_4e	The person has vomiting	discrete	numeric	What illness did the person(s) have?
V180	q5_4f	The person has convulsions/seizures	discrete	numeric	What illness did the person(s) have?
V181	q5_4g	The person has difficult/fast breathing	discrete	numeric	What illness did the person(s) have?
V182	q5_4h	The person has measles	discrete	numeric	What illness did the person(s) have?
V183	q5_4i	The person has Injuries	discrete	numeric	What illness did the person(s) have?
V184	q5_4j	The person has other illness	discrete	numeric	What illness did the person(s) have?
V185	q5_4other	Other illness specified	discrete	character	What illness did the person(s) have?
V186	q5_5	Was care/treatment sought for the illness?	discrete	numeric	Was care/treatment sought for the illness from any source?
V187	q5_6a	Care/treatment sought in public hospital	discrete	numeric	If YES, where was care/treatment sought outside of the home?
V188	q5_6b	Care/treatment sought in public health center	discrete	numeric	If YES, where was care/treatment sought outside of the home?
V189	q5_6c	Care/treatment sought in private hospital	discrete	numeric	If YES, where was care/treatment sought outside of the home?
V190	q5_6d	Care/treatment sought in private health center	discrete	numeric	If YES, where was care/treatment sought outside of the home?
V191	q5_6e	Care/treatment sought in NGO/Mission hospital	discrete	numeric	If YES, where was care/treatment sought outside of the home?
V192	q5_6f	Care/treatment sought in NGO/Mission HC	discrete	numeric	If YES, where was care/treatment sought outside of the home?
V193	q5_6g	Care/treatment sought from pharmacy	discrete	numeric	If YES, where was care/treatment sought outside of the home?
V194	q5_6h	Care/treatment sought from Herbalist	discrete	numeric	If YES, where was care/treatment sought outside of the home?

ID	Name	Label	Type	Format	Question
V195	q5_6i	Care/treatment sought from other source	discrete	numeric	If YES, where was care/treatment sought outside of the home?
V196	q5_6other	Where treatment was sought specified	discrete	character	If YES, where was care/treatment sought outside of the home?
V197	q5_7	Where was treatment sought first?	discrete	numeric	Where was care sought first, second?
V198	q5_72	Where was treatment sought second?	discrete	numeric	Where was care sought first, second?
V199	slum	Study site (Korogocho/Viwandani)	discrete	numeric	
V200	round	Survey round	discrete	numeric	

Non-Food Expenditure Section(Round 1-4)

Content	
Cases	24906
Variable(s)	7
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V203	hhid	Household id (anonymyzed)	contin	numeric	
V209	q90	Expenditure item name	discrete	character	
V204	code	Non-food item code	contin	numeric	
V205	q91	Amount spent on the item?	contin	numeric	What is the total value of all [ITEM] PURCHASED, PRODUCED AT HOME and RECEIVED AS GIFT during the LAST 1 WEEK, 1 MONTH or 3 MONTHS?
V206	Recall	Expenditure recal period	discrete	numeric	
V207	slum	Slum location	discrete	numeric	
V208	round	Survey round of data collection	discrete	numeric	

Earning Household Members Section(Round 1-4)

Content	
Cases	6224
Variable(s)	13
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V14	hhid	Household id (anonymyzed)	contin	numeric	
V16	q9_3	9.3 Age of the person	contin	numeric	What are the ages of the people who earn?
V17	q9_4	9.4 Sex of the person	discrete	numeric	What are the sexes of the people who earn? (1=Male, 2=Female)
V18	q9_5	9.5 Source of income	discrete	numeric	What is their source of income
V19	q9_5other	Other source of income of the person	discrete	character	What is their source of income
V20	q9_6	9.6 Is the person a breadwinner?	discrete	numeric	Among the persons who earn income in 9.2, who is the breadwinner?
V21	q9_7	9.7 What is his/her mode of payment?	discrete	numeric	What is the mode of payment for persons in 9.2?
V22	q9_7other	Other mode of payment	discrete	character	What is the mode of payment for persons in 9.2?
V23	q9_8	Computed monthly income	contin	numeric	How much did persons in 9.2 earn in last payment period?
V24	q9_9	9.9 Average hours per day did the main breadwinner work?	contin	numeric	How many hours per day on average did the persons in 9.2 work in the last week?
V25	q9_10	9.10 Days in the last week worked?	contin	numeric	How many days in the last week did the persons in 9.2 work?
V26	slum	Study site (Korogocho/Viwandani)	discrete	numeric	
V27	round	Survey round	discrete	numeric	

Related Materials

Questionnaires

IDSUE_Data_Collection_Tool

Title   IDSUE_Data_Collection_Tool
Filename IDSUE_Data_Collection_Tool.pdf