

1	2	3	4	5
Household code	Interview date (dd/mm/yy)	Type of interview	Name of enumerator	Neighborhood
		1) Telephone 2) In person		

Section A: DEMOGRAPHIC AND SOCIO-ECONOMIC PROFILE (administered to all households)

A6	What is your age?	: Years
A7	Gender of respondent	1 = Male 2=Female
A8	Are you the head of the family?	1 = Yes 2 = No
A9	What is your relationship with the head of the family?	1 = Head 2 = Spouce 3 = Both spouces are present 4 = Son/daughter 5= Grandmother/grandfather 6= Maid 7= Other family members 8= Other (specify) _____
A10	What is the education level of respondent?	1=No formal schooling 2=Some primary schooling 3=Completed primary schooling 4=Some secondary schooling 5=Completed secondary school or equivalent 6=Completed college/ pre-university /university 7=Completed post-graduate
A11	What is the highest level of education attained in the household?	1=No formal schooling 2=Some primary schooling 3=Completed primary schooling 4=Some secondary schooling 5=Completed secondary school or equivalent 6=Completed college/ pre-university /university 7=Completed post-graduate
A12	How many men adults above 16 years live in the household?	
A13	How many adult women above 16 years live in the household?	
A14	How many young people between 6 and 16 years live in the household?	
A15	How many children below 6 years live in the household?	
A16	How long have you been living in this neighborhood?	: Years

Section B: ENERGY USE AND ACCESS (administered to all households)

	Firewood	Coal	Electricity	Ndzilo ethanol	Kerosene/ Parafin	Gas/LPG	Other Fuel 1	Other fuel 2
What fuel do you use for cooking?								
	B17	B18	B19	B20	B21	B22	B23	B24
How many days per week do you use that fuel for cooking?								
	B25	B26	B27	B28	B29	B30	B31	B32
How many times per day do you use that fuel for cooking?								
	B33	B34	B35	B36	B37	B38	B39	B40
Where from do you purchase or collect that fuel for cooking?								
	B41	B42	B43	B44	B45	B46	B47	B48
What quantity do you purchase or collect every time for cooking?	Q	Q		Q	Q	Q	Q	Q
	T	T		T	T	T	T	T
	B49	B50		B51	B52	B53	B54	B55
How many days does this amount of fuel lasts?								
	B56	B57		B58	B59	B60	B61	B62
How much money do you spend for each fuel purchase?								
	B63	B64		B65	B66	B67	B68	B69
How long does it take to purchase this fuel (including travel to the point of sale) - In Minutes								
	B70	B71		B72	B73	B74	B75	B76

Codes:

1) Purchasing point:

1= Municipal market	4= Shop/tent	7= Not purchase – Collects/Produces
2= Sellers on the road	5= Petrol Stations	8 = Other (specify)
3= Sellers at homes	6= Outside of town	

2) Fuel quantity

Coal	Firewood	Ndzilo	LPG
A = Bag	F = Esther	I = 1 liter	L=Canister Small (11 kg)
B = Can (small)	G = Mountains	J = 2 liters	M=Canister Large (30 kg)
C = Can (large)	H = Montinhos Da Luz	K = 5 liters	
D = Plastiquinho			
E = Molhinho			

We would like to understand what kind of stoves you own:

Which types of stoves do you use at least once a month?	How many stoves of this type do you own?	How many burners does this stove have?	How long have you owned this stove? (Years)	How much did this stove cost?	For what purposes do you mainly use this stove? * See code
Traditional fuelwood stove (e.g. three stone stove)	B77	B78	B79	B80	B81
Improved fuelwood stove	B82	B83	B84	B85	B86
Traditional charcoal stove	B87	B88	B89	B90	B91
Improved charcoal stove	B92	B93	B94	B95	B96
Ndzilo ethanol stove	B97	B98	B99	B100	B101
Paraffin/kerosene stove	B102	B103	B104	B105	B106
Electric stove	B107	B108	B109	B110	B111
Gas/LPG stove	B112	B113	B114	B115	B116
Mixed stove	B117	B118	B119	B120	B121
Other _____	B122	B123	B124	B125	B126

Codes: for that purpose normally uses this stove?

1= Boil water	3= Fry	5= Cook all meals	7= Cook light meals
2= Heat food	4= Bake	6= Cook food that takes time	8= Other (specify)

B127	If you use several types of stoves, which is your favorite? <i>(Not by frequency but by preference)</i>	1) Fuelwood stove 2) Traditional charcoal stove 3) Improved charcoal stove 4) Gas/LPG stove 5) Electric stove 6) Ndzilo ethanol stove 7) Mixed Stove 8) Other _____
B128	Why is this your most preferred stove?	
B129	If you use several types of stoves, which is your least preferred?	1) Fuelwood stove 2) Traditional charcoal stove 3) Improved charcoal stove 4) Gas/LPG stove 5) Electric stove 6) Ndzilo ethanol stove 7) Mixed Stove 8) Other _____
B130	Why is this your least preferred stove?	
B131	Have you changed your main cooking option in the last 5 years?	1= Yes 2= No 3= Does not know

If the answer is No, skip Questions B132-B136		
B132	What was the previous stove you used mostly?	1) Fuelwood stove 2) Traditional charcoal stove 3) Improved charcoal stove 4) Gas/LPG stove 5) Electric stove 6) Ndzilo ethanol stove 7) Mixed Stove 8) Other _____
B133	What is the stove that you currently use mostly?	1) Fuelwood stove 2) Traditional charcoal stove 3) Improved charcoal stove 4) Gas/LPG stove 5) Electric stove 6) Ndzilo ethanol stove 7) Mixed Stove 8) Other _____
B134	Why did you change your main stove?	1) Economic reasons 2) Access to fuel 3) More practical (easy to use, saves time) 4) More Secure 5) Better for health (less smoke) 6) Better for the environment 7) Other _____
B135	If you changed stove in the past five years has it affected the type of food you eat?	1= Yes 2= No 3= Does not know
B136	If Yes, how has it affected the type of food you eat?	

I would like to ask you about all the different foods that your household members have eaten in the last 7 days (inside or outside the home).

Could you tell me how many days in the past week your household has eaten the following types of food?

How many days in the last 7 days has your household eaten these types of food at home?

What type of stove did you use to cook it?

What was the average time to cook a meal mainly containing these types of food?

(Ask consequently each food category)

	Number of days eaten (0-7)	Number of days prepared/eaten at home? (0-7)	Type of stove 1=Firewood 2=Charcoal 3=Ndzilo ethanol 4=Parafin/Kerosene 5=Gas/LPG 6=Electricity 5=Other (specify)	Average time required to cook a meal (in minutes)
Maize flour (Maximum)	B137	B151	B165	B176
Rice	B138	B152	B166	B177
Bread/wheat /Other cereals	B139	B153	B167	B178
Tubers (Manioc/potatoes /sweet potato/etc)	B140	B154	B168	B179
Peanut, beans and peas	B141	B155	B169	B180
Fish	B142	B156	B170	B181
Meat from animals (beef/pork/goat/sheep/etc)	B143	B157	B171	B182
Meat from birds	B144	B158	B172	B183

(chickens/ducks/pigeons/etc)							
Vegetable oils /fats		B145		B159			
Eggs		B146		B160		B173	B184
Milk and dairy products (cheese, yogurt)		B147		B161		B174	B185
12 Vegetables		B148		B162		B175	B186
13. Fruits		B149		B163			
14. Sugar and sweets		B150		B164			

Section C: USE OF NDZILO ETHANOL STOVE (administered to users of Ndzilo stoves).

C187	Do you currently have (or had in the past)a Ndzilo ethanol stove?	1= Yes 2= No 3= Does not know
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If yes, please answer QUESTIONS C188-C193, If No please proceed to QUESTIONS C194-C197

C188	Do you still use your Ndzilo ethanol stove?	1= Yes 2= No 3= Sometimes
C188-2	If No, why do you not currently use your Ndzilo ethanol stove?	1= Fuel is expensive (economic reasons) 2= It has broken down (does not work properly) 3= I am disappointed with the product 4= Cannot access ethanol fuel 5= My other stoves works better 6= Does not have sufficient number of burners 7= Not appropriately sized for the pans/pots 8= Other _____
C189	Is the ethanol fuel supply reliable (secure)?	1= Yes 2= No 3= Does not know
C190	Is fuel quality appropriate?	1= Yes 2= No 3= Does not know
C191	If you still uses the Ndzilo ethanol stove, do you have any problems?	1= Yes 2= No 3= Does not know
C192	If yes, what are they?	1= Fuel is expensive (economic reasons) 2= It has broken down (does not work properly) 3= I am disappointed with the product 4= Cannot access ethanol fuel 5= My other stoves works better 6= Does not have sufficient number of burners 7= Not appropriately sized for the pans/pots 8= Other _____
C193	Why do you use this stove instead of fuelwood or charcoal stoves?	1) It is more economic 2) It faster to light and cook 3) It produces less smoke 4) It is better for the environment 5) It is better 6) Other _____

For those that do not use / have not used the Ndzilo ethanol stove

C194	Have you heard about the Ndzilo ethanol stove?	1= Yes 2= No 3= Does not know
C195	If yes, where have you heard about it?	1= TV 3= Radio 4= Friend or Family 5 = Market 6= Ndzilo stores 7= Ndzilo Promotion 8= Other _____
C196	Have you considered purchasing it?	1= Yes 2= No 3= Does not know
C197	Why do you not use an Ndzilo ethanol stove?	1= The stove is expensive 2= The fuel is expensive 3= Both the stove and the fuel are expensive 4= It has bad reputation 5= It is not appropriate for the needs of our household 6= It changes the taste of the food 7= The model/design is not appropriate 8= I do not trust it 9= It is difficult access ethanol fuel 10= Other _____

Section D: CHARCOAL USE (administered to charcoal users)

D198	Have you heard about improved charcoal stoves?	1= Yes 2= No 3= Does not know
D199	Have you considered buying an improved charcoal stove?	1= Yes 2= No 3= Does not know
D200	What are the reasons for not currently using an improved charcoal stove?	1= Does not have access 2= High cost 3= Difficult to use 4= Does not know the benefits 5= Still wants to buy 6= Does not like the model 7= Other _____

Section E: MULTIDIMENSIONAL POVERTY (administered to all households)

D201	What is the material of the walls of your dwelling?	<p>1=Mud 2= Thatch/leaf/palm/ bamboo 3=Card-board 4=Wood 5=Stone 6=Cement blocks 7=Mud bricks – local/homemade 8=Commercial bricks 9=Other (Specify)</p>
D202	What is the material of the roof of your dwelling?	<p>1=Thatch/leaf/reed/palm/ bamboo 2 = Mud 3=Wood planks 4=Card-board 5=Corrugated iron 6=Asbestos 7=Cement/concrete 8=Other (Specify)</p>
D203	What is the material the floor of your dwelling?	<p>1=Natural floor/ earth/sand 2=Dung 3=Palm/bamboo 4=Wood 5=Ceramic tiles 6=Cement 7=Carpet 8=Other (Specify)</p>
D204	What type of toilet does your dwelling have?	<p>1=Pour flush toilet to pit latrine 2=Flush to piped sewer system 3=Open pit latrine 4=Pit latrine with slab 5=VIP latrine 6=Bucket toilet 7=Bush/field 8=Other (Specify) _____</p>
D205	Do you share your toilet with another family? (common bathroom)	<p>1= Yes 2= No</p>
D206	Is your primary source of water less than 30 minutes from your home?	<p>1= Yes 2= No</p>
D207	What is your primary source of water?	<p>1 = Piped water to dwelling 2= Piped water to plot/yard 3= Piped water to public tap/stand-pipe 4= Borehole 5= Dug well 6= Spring 7= Rainwater 8= River/lake/pond/stream/dam 9= Tanker truck 10= Other (Specify)</p>
D208	Do you have electricity at your household?	<p>1= Yes 2= Not 3 = Does not respond</p>
D209	How many of these devices do you have at home?	<p>() Radio () TV () Phone () Bicycle () Motorcycle</p>

		() Car () Fridge/freezer
D210	Are there any children above 7 years of age that do not go to school in your household?	1= Yes 2= Not 3= Does not know 4= Does not respond
D211	Have any children below 6 years of age died in your household in the last five years?	1= Yes 2= Not 3= Does not know 4= Does not respond
D212	Please indicate the total monthly income of household (salaries/income of all family members)	1= below 2,500 Mt 2= 2,500-10,000 Mt 3= 10,000-20,000 Mt 4= 20,000-30,000 Mt 5= Above 30,000 Mt 6= Does not know 7= Does not respond
D213	What is the main source of income of your family?	1. Family farm 2. Own occupation 3. Formal trade 4. Informal trade 5. Employment (private sector) 6. Employment (public sector) 7. Occasional Employment 8. Unemployed 9. Other (specify):.....

D214. Notes:
