

WASHplus Cookstove Consumer Needs & Preferences Assessment

ONE WEEK (5-7 day) QUESTIONNAIRE [COOK]

Name of Interviewer:					
Date:			DD	MM	YY
Time:			HH	MM	
House No.					
Village:					
Household unique ID number:		District	VDC	Ward	HH No:
Type of stove used during the trials:		A. ICS #1 (FILL IN)			1
		B. ICS #2 (FILL IN)			2
		C. ICS #3 (FILL IN)			3
		D. ICS #4 (FILL IN)			4
		E. ICS #5 (FILL IN)			5
Serial number of the stove used:					
Age of interviewee: (18 years and above only)					

READ TEXT: Hello. Thank you for agreeing to see us again, your contribution is very important to us. As I explained earlier, I'd like to ask you some questions about how you are using the system, how you like it, and what, if anything, has been difficult. Remember, there are no "right" answers. We see you as an advisor, and we are looking to learn from your experience, get information from you and give you information in return. So feel free to tell us whatever you like.

**PART I**  
**Stove experience**

Q.N	Questions	Coding Categories	Skip
201	How has it been using the new cookstove? What do you think of it? [Please record participant answers in detail]	Saves fire wood	1
		Can keep the children with us while we're cooking	2
		Food cooks fast	3
		Pots remain clean	4
		Less smoke/soot, which means clean house, pot and clothes	5
		Difficult to start the fire	6
		Chopping wood into small pieces is time consuming	7
		It's portable	8
		It's easy to prepare food	9
		Can cook two dishes at a time	10
		It's healthier	11
		Suitable for a small family	12
		Food cooks slowly	13
		Eyes do not burn when you are in the kitchen	14
		Easy to start the fire	15
		It's difficult to cook food for many people in big pot	16
		Appearance: it looks good	17

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Q.N	Questions	Coding Categories		Skip
		Other (please write in)	96	
202	[Please say “Tell me more about your experience” to probe for more information. Record any additional details at right]			
203	How satisfied are you with the new stove so far? [Please read list]	A. Extremely satisfied	1	
		B. Satisfied	2	
		C. Somewhat satisfied	3	
		D. Not at all satisfied	4	
204	Please tell me, step-by-step, how you use this cookstove. Begin with the first thing you do to prepare your cookstove, and list each of the subsequent steps you following when using the stove. [Enumerators will have instructions and should note any modifications in how the user is using the stove vs. how they were instructed to use it.] Code: Mod #1, #2, etc.	Mod: 1.		
		Mod: 2.		
		Mod: 3.		
		Mod: 4.		
		Mod: 5.		
		Mod: 6.		
		Mod: 7.		
205	Do you notice anything different about your household since you started using the new stove?	Yes	1	207
		No	2	
206	If Yes, what? Please record detailed answers.  Please indicate with a “P” or “N” whether they consider the change to be Positive or Negative	A. There is less smoke in the house	1	
		B. Reduced smoke-related health problems (eye irritation, headaches, chest pain, cough, etc.)	2	
		C. Less soot on the walls	3	
		D. Before no one could stay in the kitchen due to the smoke, now even the children can stay in the kitchen.	4	
		E. Other: Specify (make sure to note if it was a GOOD difference or a BAD difference)	96	
207	Is the amount of smoke in your home or kitchen more, less or the same as before you started using the new stove?	A. No change - the smoke is the same as before	1	
		B. There is now less smoke	2	
		C. There is now more smoke	3	
		D. Other (please write in) _____	96	

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Q.N	Questions	Coding Categories		Skip	
208	Is this new stove better for cooking some foods than others?		Yes	No	
		A. Cook:	1	2	
		B. Husband:	1	2	
		C. Other:	1	2	
209	Which/what type of food cooks better on this NEW stove? [PROBE: ask qualitative questions]	FILL IN COMMON FOODS FOR RESPONSES			
		A.		1	
		B.		2	
		C.		3	
		D. Other (please write in)		96	
		Other (please write in)_____			
Other (please write in)_____					
210	What type of food cooked better on your OLD stove? [PROBE: qualitative]	FILL IN COMMON FOODS FOR RESPONSES			
		A.		1	
		B.		2	
		C.		3	
		D. Other (please write in)		96	
		Other (please write in)_____			
Other (please write in)_____					
211	Does this stove use more fuel, less fuel or the same amount of fuel as your old primary stove?	A. More fuel		1	
		B. Less fuel		2	
		C. The same amount of fuel		3	
		D. Other (please write in)		96	
		_____			
212	Is there anything about the new stove you think is not functioning properly?	A. Yes, having problems		1	215
		B. No, not having problems		2	
213	If there are problems, please describe them.	A. The battery/fan is damaged/doesn't work		1	
		B. The stove gets too hot		2	
		C. The chimney is not working/ the smoke doesn't go outside		3	
		D. Stove is damaged/not working		4	
		E. Stove was not installed properly		5	
		F. The stove is not stable		6	
		G. The stove is creating a lot of smoke		7	
		H. Other (please write in)		96	
214	[Probe further] What else can you tell me about your problems with the stove?				
215	Have you had any problems cooking on the new stove?	A. Yes, have had problems		1	218
		B. No problems		2	

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Q.N	Questions	Coding Categories		Skip
216	If yes, please describe problems.	A. It takes a long time/is difficult to start the fire	1	
		B. The fire goes out easily so I have to remain in the kitchen, and cannot work outside/multitask.	2	
		C. Difficult to chop wood into small pieces	3	
		D. Stove body gets very hot while cooking which can be dangerous.	4	
		E. Risk of burning my hand when pushing wood inside the stove.	5	
		F. Can't use big pieces of wood in the stove.	6	
		F. Difficult to breathe in the kitchen because of smoke	7	
		G. Food doesn't cook well	8	
		H. My pots don't fit on the stove		
	I. Other (please write in)	96		
217	[Probe further; please provide more details about the difficulties here]			
218	Have you made any modifications or changes to the stove to make it easier to use?	A. Yes, I have modified it	1	220
		B. No, have not modified	2 →	
219	If modified, please describe the modifications. <i>Take a photo if relevant to document the changes</i>			
220	Have you made any changes to the way you cook when using your new stove?	A. Yes, have made changes	1	222
		B. No changes	2 →	
221	If changes have been made, please describe them.  Please indicate with a "P" or "N" whether they consider the change to be Positive or Negative	A. I have to prepare the food to be cooked before starting the fire, otherwise the fire goes out/ is wasted	1	
		B. With the old stove I used to use big logs of firewood whereas with the new stove I need to chop small pieces of wood to cook food	2	
		C. Before I used plastics to start the fire, now we use paper to start fire	3	
		D. With the old stove I could multitask while the food was cooking whereas with the new stove I have to stay and tend the stove and/or keep adding fuel otherwise the fire goes out	4	
		E. We can stand close to the new stove because it generates less heat	5	
		F. With the old stove, wood was inserted from below but now wood is inserted from top	6	
		G. We can cook two foods at the same time	7	

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Q.N	Questions	Coding Categories		Skip
		H. Don't need to apply a mud guard at the bottom of the pot with the new stove	8	
		I. Other (please write in)	96	
222	Do you have any questions about how to use the new stove?	A. Yes, I have questions	1	
		B. No questions	2 →	224
223	If yes, please provide details	A. Can we use plastic to start the fire in this stove?	1	
		B. Is there a faster way to start the fire in this stove?	2	
		C. Can we make the mouth of the stove adjustable for both big and small pots?	3	
		D. For how long can we use this stove?	4	
		E. Other (Please write in)	96	
224	Have you moved the new stove from where it was originally placed?	A. Yes, I have moved the stove	1	
		B. No, I did not move the stove	2 →	226
225	For what reasons do you prefer the stove where it is now?	A. Sometimes I cook inside, sometimes outside as per my convenience	1	
		B. Because the stove generates more heat and smoke I shifted it outside for cooking	2	
		C. I always cook food outside the kitchen and when I am finished I move it inside	3	
		D. I moved the stove because the kitchen looked congested	4	
		E. In the morning I cook inside and in the evening I cook outside	5	
		F. Other (please write in)	96	

**PART II**

**STOVE USE**

Q.N	Questions	Coding Categories		Skip
226	Did you use the new cookstove today?	A. Yes	1	
		B. No	2	
227	Since receiving the new stove, did you clean and/or maintain the stove?	A. Cleaned/maintained	1	
		B. Nothing done	2 →	230
228	What did you do to clean and/or maintain the stove			
229	How many times did you do each of these things (mentioned in Q202.1....) since receiving the stove?	228	229	

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Q.N	Questions	Coding Categories		Skip
230	Is the new stove the proper size for cooking most meals? Please choose one of the following options. [Please read list]	A. Almost always	1	
		B. Sometimes	2	
		C. Occasionally	3	
		D. Almost never	4	
231	Since you have had the new stove, which stove/s have you used? Would you say that you used only your OLD primary stove, used BOTH with the old one used more than new, BOTH EQUALLY used, BOTH with the new one used more than old one, or NEW stove only? [If used only the old (coded '1') or only the new stove (coded '5'), skip to 234]	A. OLD stove only	1	→ 234
		B. Both: OLD one used more than NEW	2	
		C. Both EQUALLY used	3	
		D. Both: NEW one used more than OLD	4	
		E. NEW stove only	5	→ 234
232	About how many times per day have you used the new stove since I last visited? [Please read from the list]	A. All meals every day	1	
		B. Some meals everyday	2	
		C. One meal/day	3	
		D. A few times a week	4	
		E. Never	9	
233	About how many times per day have you used your old primary stove since I last visited? [Please read from the list]	A. All meals every day	1	
		B. Some meals everyday	2	
		C. One meal/day	3	
		D. A few times a week	4	
		E. Never	9	
234	If you owned TWO of these new stoves, do you think you would still use the traditional stove for some tasks?	A. Yes	1	
		B. No	2	→ 236
235	If yes, explain why / for which tasks [please take detailed notes on answer]			
236	Is the new stove more convenient, less convenient, or equally convenient to use compared to your old primary stove?	A. More convenient	1	
		B. Less convenient	2	
		C. Equally convenient	3	
		D. Don't know/can't tell	4	
237	[Interviewer should observe new cookstove and look for signs of use]	A. Warm/currently in use	1	
		B. Ashes in tray	2	
		C. Soot on top	3	
		D. Other (please write in)	96	

**PART III**  
**STOVE PREFERENCE**

<b>Q.N</b>	<b>Questions</b>	<b>Coding Categories</b>		<b>Skip</b>
238	Which stove do you prefer, your old primary stove or the new stove? [Check only one]	A. Old primary	1	
		B. New stove	2	
239	For what reasons? [Do not read from the list; list codes from below as relevant]	A. Consumes less firewood	1	
		B. Cooks food quickly	2	
		C. Emits less smoke	3	
		D. Well manufactured	4	
		E. Aesthetics; looks nice	5	
		F. Easy to light; it's not affected by the wind	6	
		G. It's portable; has a good handle	7	
		H. Generates less soot and dust which means a cleaner house and kitchen	8	
		I. Stable/doesn't tip over	9	
		J. Other people are impressed, it makes me feel proud	10	
		K. The stove body doesn't get too hot	11	
		L. Pots stay cleaner	12	
		M. Reduced smoke-related health problems (eye irritation, headaches, chest pain, cough, etc.)	13	
		N. It saves money on fuel	14	
		O. The stove is at the right height to sit and cook comfortably	15	
		P. Other (please write in)	96	
		Q. Other (please write in)	97	
240	[Please probe further] What else can you tell me?			
241	What do you like about this new stove compared to your old primary stove? [Do not read from the list; I give at least three reasons using the codes above as appropriate]	A. Uses less firewood	1	
		B. Cooks food quickly	2	
		C. Emits less smoke	3	
		D. Well manufactured	4	
		E. Aesthetics; it looks nice	5	
		F. Easy to light; not affected by the wind	6	
		G. Portable; has a good handle	7	
		H: Generates less soot and dust; which means a cleaner house and kitchen	8	
		I. Other people are impressed; it makes me feel proud	9	
		J. Safe to use while cooking	10	
		K. Pots are cleaner	11	
		L. Reduced smoke related health problems (eye irritation, headaches, chest pain, cough, etc.)	12	
		M. Saves money on fuel	13	
		N. Stove is at the right height to sit and cook comfortably	14	
		O. Other (please write in)	96	
P. Other (please write in)				
242		A. Consumes more firewood	1	

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Q.N	Questions	Coding Categories		Skip
	What do you not like about this new stove compared to your old primary stove? [Do not read from the list; give at least three reasons using the codes above as appropriate	B. Takes more time to cook	2	
		C. Emits more smoke	3	
		D. Not well manufactured	4	
		E. Aesthetics; looks ugly	5	
		F. Difficult to light	6	
		G. Difficult to move; the handles get hot	7	
		H. Not stable; it's easy to tip over	8	
		I. Stove is too tall/too short; I cannot sit and cook	9	
		J. Surface gets hot; it's difficult to remove pots	10	
		K. Not the proper size; too large for most tasks	11	
		L. Not the proper size; too small for most tasks	12	
		M. Doesn't fit the pots I have	13	
		N. Not safe while cooking	14	
		O. Pots get too dirty	15	
		P. I spend too much money on fuel	16	
		Q. Chopping wood into small pieces is too time consuming	17	
		R. Requires frequent tending of the fire	18	
		S. Cannot use wet wood	19	
	T. Other (please write in)	96		
	U. Other (please write in)			
243	What, if anything, would you change about the new stove to make it better?	A. A bigger opening for fuel	1	
		B. Have it use less fuel	2	
		C. Increase the size of the stove	3	
		D. Make it cheaper	4	
		E. Improve its stability	5	
		F. Have the pot be closer to flame	6	
		G. Other (please write in)	96	
244	What other questions or doubts do you have about using the new stove or this trial? Please list below			
245	Do you have any answers/ solutions to your questions/ doubts? Please ask answer for each questions/doubts.			
246	Is there anything else you'd like to tell me about your experience using this new stove so far?			

After the questions are completed Enumerators should read: "Thank you for your time and participation. We will return in 7-8 weeks (specify the exact day/date) to discuss your experience with the stove again and get more feedback. In the meantime, please do not hesitate to contact us if you have questions or concerns. EMPHASIZE: We're asking you to use the new stove for the next 7 weeks, to give it a chance and tell us what you think of it. Your participation is very important to this study.

247. Will you be able to continue using the new stove for the rest of the study?

A. Agree	1	B. Do not agree	2
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Interview end time HH:

Interview end time MM: