

WASHplus Cookstove Consumer Needs & Preferences Assessment

ENDLINE 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 so very important.

As I explained earlier, I'd like to talk with you about how you are using the new stove, how you like it, and whether you have found it difficult to use. Remember, we are not looking for "right" answers. We see you as an advisor, you are after all a COOKING SPECIALIST and we are looking to learn from your experience, to get feedback from you and also provide you with information. Feel free to tell us what you like and what you think. We already asked you many of the same questions two months ago... it's not that we don't remember that we asked before, we are just curious to know if your opinions have changed over the time you've been using the new stove.

PART I

STOVE EXPERIENCE AND USE

Q.N	Questions	Coding Categories	Skip
301	How has it been using the new cookstove? What do you think of it? <i>[Please record the participant's answers in detail]</i>	A. Saves fire wood	1
		B. Can keep the children with us while cooking	2
		C. Food cooks faster	3
		D. Pot remains clean	4
		E. The house, pot and clothes remain cleaner	5
		F. It generates less ash	6
		G. Difficult to start the fire	7
		H. Need to chop wood into small pieces, which is time consuming	8
		I. It's portable	9
		J. It's easy to prepare food	10
		K. Can cook two dishes at the same time	11
		L. It's healthier	12
		M. Suitable for a small family	13

WASHplus Cookstove Consumer Needs & Preferences Assessment

Q.N	Questions	Coding Categories			Skip
		N. Food cooks slower	14		
		O. Eyes water less; can remain in the kitchen longer	15		
		P. Easy to start the fire	16		
		Q. Difficult to cook food in big pot for many people	17		
		R. Looks attractive	18		
		S. Other (please write in)	96		
302	[Please say “Tell me more about your experience” to probe for more information. Record any additional details at right]				
303	How satisfied are you with the new stove so far? <i>[Please read list]</i>	A. Extremely satisfied	1		
		B. Satisfied	2		
		C. Somewhat satisfied	3		
		D. Not at all satisfied	4		
304	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 follow 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.] <i>Code: Mod #1, #2, etc.</i>	Mod: 1.			
		Mod: 2.			
		Mod: 3.			
		Mod: 4.			
		Mod: 5.			
		Mod: 6.			
		Mod: 7.			
305	What do you think are the most important qualities to have in a stove? <i>[Do not read list; check codes as relevant]</i>	A. Easy to light	1	Comments from family members	
		B. Easy to cook	2		
		C. Uses less firewood/fuel	3		
		D. Emits less smoke	4		
		E. Suitable for my cooking pots/meals	5		
		F. Cooks quickly	6		
		G. Other (please write in)	96		
<i>FOR THE FOLLOWING QUESTIONS: In those instances where other family members/ community members are present during the interview, please record their responses in the separate column below</i>					
306	Does the new stove (<i>INSERT NAME HERE</i>) have all, most, some, few or none of those important qualities that you mentioned?	A. All of the important qualities	1		
		B. Most of the important qualities	2		

WASHplus Cookstove Consumer Needs & Preferences Assessment

Q.N	Questions	Coding Categories		Skip
		C. Some of the important qualities	3	
		D. Few of the important qualities	4	
		E. None of the important qualities	5	
307	Do you notice anything different about your household since you started with the new stove?	A. Yes	1	309
		B. No	2	
308	If so, what? <i>[Please record the participant's answers in detail]</i> Please indicate with a "P" or "N" whether they consider the change to be Positive or Negative	A. It produces less ash	1	
		B. Before no one could stay in the kitchen, now even the children can stay in kitchen	2	
		C. Have to collect fire wood less frequently	3	
		D. It's easy to clean the stove	4	
		E. Reduced smoke-related health problems (eye irritation, headaches, chest pain, cough, etc.)	5	
		F. Pots stay cleaner	6	
		G. Have to spend more time preparing the wood	7	
		H. Can use the time saved collecting less wood for other work	8	
		I. Have to keep adding wood at regular intervals, so I have to stay in the kitchen for longer time periods	9	
		J. New stove is portable	10	
		K. Other (please write in)	96	
309	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. Don't know/can't tell	4	
310	Is the taste of the food cooked on the new stove better than, worse than or the same as the food cooked on your old primary stove?	A. Better	1	
		B. Worse	2	
		C. The same	3	
		D. Don't know/can't tell	4	
311	What types of food cook better on the new stove? <i>[PROBE: qualitative]</i>	FILL IN COMMON FOODS FOR RESPONSES		
		A.	1	
		B.	2	
		C.	3	
		D.	4	
		E. Other _____	96	
		F. Other _____		
		G. Other _____		
312		FILL IN COMMON FOODS FOR RESPONSES		

WASHplus Cookstove Consumer Needs & Preferences Assessment

Q.N	Questions	Coding Categories	Skip
	What types of food cook better on your OLD primary stove? [<i>PROBE: qualitative</i>]	A.	1
		B.	2
		C.	3
		D.	4
		E. Other _____	96
		F. Other _____	
		G. Other _____	
313	Does this new 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. Don't know/can't tell	4
314	Is there anything about the new stove you think is not functioning properly?	A. Yes, having problems	1
		B. No, not having problems	2 → Q 316
315	If yes, <i>please describe</i> .	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 creates a lot of smoke	7
		H. Other (please write in)	96
316	What problems, if any, have you had cooking on the new stove? [<i>Describe in detail the respondent's concerns</i>] <i>Then leave space to note qualitative responses</i>	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
		G. Difficult to breathe in the kitchen because of the smoke	7
		H. Food doesn't cook well	8
		I. Can't start the fire using the fan so I need to blow on the fire	9
		J. Difficult to clean out the ashes	10
		K. It takes longer to cook	11
		L. I have to re-light the stove in between dishes	12
		M. Other (please write in)	96
317	[Probe further] What else can you tell me about your problems with the stove?		

WASHplus Cookstove Consumer Needs & Preferences Assessment

Q.N	Questions	Coding Categories	Skip
318	Have you made any modifications or changes to the stove to make it easier to use? <i>Take a digital photo, if relevant, to document any changes that have been made.</i>	A. Yes, I have modified it B. No, I have not modified it	1 2 → 320
319	If Yes, <i>please describe.</i>		
320	Have you made any changes to the way you cook when using your new stove?	A. Yes, have made changes B. No changes	1 2 → 322
321	If yes, <i>please describe.</i> 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. B. Before I used plastics to start the fire, now we use paper to start the fire. C. With previous 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 D. With old stove I could use big pieces of firewood, whereas with the new stove I need to chop small pieces of wood to cook food. E. Other (please write in)	1 2 3 4 96
322	[Probe further; please provide more details about the difficulties here]		
323	Have you moved the new stove from where it was originally placed?	A. Yes, moved the stove B. No, did not move the stove	1 2 → 326
324	If yes, <i>note the original and new locations</i>	A. Original location: B. New location:	
325	For what reasons do you prefer the stove where it is now?		
326	What, if anything, have you done to clean and/or maintain the stove?	A. Nothing B. Cleaned/maintained (details and # times)	1 → 329 2

WASHplus Cookstove Consumer Needs & Preferences Assessment

Q.N	Questions	Coding Categories		Skip
	Number of times cleaned/maintained (<i>details and # times</i>)	327 Cleaned/maintained (details)	328 (Time)	
329	Is the new stove the right size for cooking most meals? (<i>Please read list</i>)	A. Almost always	1	
		B. Usually	2	
		C. Occasionally	3	
		D. Almost never/rarely	4	
330	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? (<i>If used only the old or only the new stove, skip to Q# 333</i>)	A. OLD stove only	1	333
		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	333
331	About how often have you used this new stove since I last visited? (<i>Please read list</i>)	A. All meals every day	1	
		B. Some meals everyday	2	
		C. One meal/day	3	
		D. A few times a week	4	
		E. A few times a month	5	
		F. Never	6	
332	About how often have you used your old primary stove since I last visited? (<i>Please read list</i>) <i>If "Never" skip to 334</i>	A. All meals every day	1	
		B. Some meals everyday	2	
		C. One meal/day	3	
		D. A few times a week	4	
		E. A few times a month	5	
		F. Never	6	334
333	What was the reason for using the old stove?	A. For cooking animal feed	1	
		B. For space heating in winter	2	
		C. For cooking in big pot for many people	3	
		D. For cooking the meal quickly	4	
		E. For using big pieces of fire wood	5	
		F. So that I can use wet wood	6	
		G. To roast the chicken	7	
		H. So that I can multitask while cooking.	8	
		I. Other: (please write in)	96	
334	How many times per day have you been cooking since getting the new stove?	A. Once	1	
		B. Twice	2	
		C. Three times	3	
		D. More than three times	4	
335	How many times per day were you cooking before the new stove came?	A. Once	1	
		B. Twice	2	
		C. Three times	3	
		D. More than three times	4	
336		A. No change in # meals per day	1	Q338

WASHplus Cookstove Consumer Needs & Preferences Assessment

Q.N	Questions	Coding Categories		Skip
	<i>[If 334 are 335 the same, check [1] at right and skip to #338]</i>	B. Change	2	
337	Why has the number of meals you cook per day changed?			
338	Since getting the new stove, has your family used more, less or the same amount of fuel as before?	A. More fuel	1	
		B. Less Fuel	2	
		C. Same amount of fuel	3	
		D. Don't know/can't tell	4	
339	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	

**PART II
PERCEPTIONS**

Q.N	Questions	Coding Categories		Skip
340	What kind of person would use a stove like this one? What words would you use to describe that person? <i>[Do NOT read list; check all that apply]</i>	A. Modern	1	
		B. An example, a model citizen	2	
		C. Someone people respect	3	
		D. An ordinary person	4	
		E. Smart	5	
		F. Thrifty	6	
		G. A small family	7	
		H. Other (please write in)	96	
341	Who approves of you having/using this new type of stove instead of your traditional stove? <i>[Do NOT read list; check all that apply]</i>	A. Self	1	
		B. Husband	2	
		C. Mother/Mother-in-law	3	
		D. Neighbors	4	
		E. Children	5	
		F. All	6	
		G. None	7	
		H. Other (please write in)	96	
342	Who disapproves of you using this new type of stove instead of your traditional stove? <i>[Do NOT read list; check all that apply]</i>	A. Self	1	
		B. Husband	2	
		C. Mother/Mother-in-law	3	
		D. Neighbors	4	
		E. Children	5	
		F. All	6	
		G. None	7	
		H. Other (please write in)	96	
343	Why would someone else (like a neighbor) choose to use this stove? <i>[Do not read from the list; list codes as relevant]</i>	A. Consumes less firewood	1	
		B. Cooks food quickly	2	
		C. Emits less smoke	3	
		D. It's durable	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. Stable/doesn't tip over	8	

WASHplus Cookstove Consumer Needs & Preferences Assessment

Q.N	Questions	Coding Categories		Skip
		I. Stove is at the right height to sit and cook comfortably	9	
		J. Generates less smoke/soot which means a cleaner house and kitchen	10	
		K. Other people are impressed; it might make them feel proud	11	
		L. The stove body doesn't get too hot	12	
		M. Pots stay cleaner	13	
		N. Reduced smoke-related health problems (eye irritation, headaches, chest pain, cough, etc.)	14	
		O. Saves money on fuel	15	
		P. Other (please write in)	96	
344	Why would someone else (like a neighbor) choose NOT to use this stove? [Do not read from the list; list codes as relevant]	A. Consumes more firewood	1	
		B. Takes more time to cook	2	
		C. Emits more smoke	3	
		D. It's not durable	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; I cannot sit and cook	9	
		J. Stove is too short: I cannot sit and cook	10	
		K. Surface gets hot; it's difficult to remove pots	11	
		L. Not the proper size; too large for most tasks	12	
		M. Not the proper size; too small for most tasks	13	
		N. Doesn't fit the pots I have	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	
345	Which stove do you prefer: the old primary one or this new stove? (check only one)	A. Old primary	1	
		B. New stove	2	
346	For what reasons? [Do not read from the list; use the codes provided as relevant]	A. Uses 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. Portable; has a good handle	7	
		H. Stable/doesn't tip over	8	
		I. Stove is the right height to sit and cook comfortably	9	
		J. Less smoke/soot; which means a cleaner house and kitchen	10	
		K. People are impressed; it makes me feel proud	11	

WASHplus Cookstove Consumer Needs & Preferences Assessment

Q.N	Questions	Coding Categories		Skip
		L. It is safe to use while cooking	12	
		M. Pots stay cleaner	13	
		N. Reduced smoke-related health problems (eye irritation, headaches, chest pain, cough, etc.)	14	
		O. Saves money on fuel	15	
		P. Other (please write in)	96	
347	[Please probe further] What else can you tell me?			
348	Do you feel that using this new type of stove makes you more modern/less modern/ or is there no difference?	A. More modern	1	
		B. Less modern	2	
		C. No difference	3	
349	Do you feel that using this new type of stove make you more admired by your community, less admired, or is there no difference?	A. More admired	1	
		B. Less admired	2	
		C. No difference	3	
350	What, if anything, did you talk about with family and neighbors about the new stove? [Do NOT read list; check all that apply]	A. Saves (wood) fuel	1	
		B. Can't use other fuels	2	
		C. It emits more smoke than a traditional stove	3	
		D. It emits less smoke than a traditional stove	4	
		E. I recommend you get one.	5	
		F. Stick with your traditional stove/ I don't recommend you purchase one	6	
		G. Nothing/ don't remember	7	
		H. Other (please write in)	96	
351	If you always had a stove like this one, would you use it for every meal, most meals or only for specific meals?	A. Every meal	1	<i>If coded 1 or 4 then skip to 356</i>
		B. Most meals	2	
		C. Specific meals	3	
		D. Don't know/can't tell	4	
352	If you would use the stove only for specific meals, list the main foods you would prepare on it. [Do NOT read list; check all that apply]	A. <i>insert common foods</i>	1	
		B. <i>insert common foods</i>	2	
		C. <i>insert common foods</i>	3	
		D. <i>insert common foods</i>	4	
		E. Animal feed	5	
		F. Liquor	6	
		G. Other (please write in)	96	
		H. Other (please write in)		
353	Why would you use the stove only for specific meals?			
354	List the main foods you would not prepare on stove:	A. <i>insert common food 1</i>	1	
		B. <i>insert common food 2</i>	2	
		C. <i>insert common food 3</i>	3	

WASHplus Cookstove Consumer Needs & Preferences Assessment

Q.N	Questions	Coding Categories		Skip
		D. <i>insert common food</i>	4	
		E. Animal feed	5	
		F. Liquor	6	
		G. Others (please write in)	96	
355	Why would you not prepare those types of food on the stove?			

PART III
STOVE Costing

In this next set of questions we are going to ask you about the cost of the stove

Q.N	Questions	Coding Categories		Skip
356	How much do you think the stove sells for in the market? <i>[Please take detailed notes on anything the respondent has to say about stove pricing] Remember, you don't have to buy any stove at all.... But if you were to buy one</i>	<i>insert local currency amounts beginning from about US\$1-5 and moving up in US\$5 intervals</i>		
			1	
			2	
			3	
			4	
			5	
			6	
			7	
			8	
			9	
			<i>Other (please write in)</i>	96
	<i>Can't say</i>	98		
357	Who in the household would make the decision to buy it? <i>[Do NOT read list; check all that apply]</i>	A. Self	1	
		B. Husband	2	
		C. Mother/Mother-in-law	3	
		D. Father/Father in law	4	
		E. Other (please write in)	96	
358	If you were to buy a new stove, how would your family pay for it? <i>[Probe about sources of funds, whether they would pay all at once or in installments]</i>	A. Pay all at once from household savings	1	
		B. Pay in installments from own income	2	
		C. Pay all at once from husband's income	3	
		D. I would not buy it	4	
		E. Pay in installments from farm income	5	
		F. Pay all at once from livestock income	6	
		G. Pay in installments by borrowing from neighbor/relative	7	
		H. Other (please write in)	96	
359	Have you seen or tried any of the new stoves that your neighbors taking part in the study are using? Which ones? <i>[Do NOT read from the list; check all that apply] probe until you can identify which one, then code if possible:</i>	A. <i>insert stove types being tested through TIPS trial</i>	1	
		B.	2	
		C.	3	
		D.	4	
		E.	5	
		F. None	6	
		G. Other (please write in)	96	
360	Write exactly how they describe the stove :			
361	If it was up to you to select which stove you could have in your home, which one	A. <i>insert stove types being tested through TIPS trial</i>	1	
		B.	2	
		C.	3	

WASHplus Cookstove Consumer Needs & Preferences Assessment

Q.N	Questions	Coding Categories		Skip
	would you select? <i>[Do NOT read from the list; check all that apply] probe until you can identify which one, then code if possible:</i>	D.	4	
		E.	5	
		F. None	6	
		G. Other (please write in)	96	
362	Write down their description of the stove exactly			
363	For what reasons? <i>[Please record the participant's answers in detail]</i>	A. Has a chimney; smoke goes outside of the house	1	
		B. Can cook two dishes at a time	2	
		C. Consumes less firewood	3	
		D. It's portable	4	
		E. It's easy to start fire	5	
		F. Food cooks quickly	6	
		G. Can use big pieces of firewood	7	
		H. It's durable	8	
		I. Pots remain clean	9	
		J. Aesthetics; looks nice	10	
		K. It is cheaper than other stoves	11	
		L. It is suitable for use during the summer season	12	
		M. Suitable for a small family	13	
		N. Other (please write in)	96	
364	Where would you get the money to purchase the stove you like best? <i>[Do NOT read list; check all that apply]</i>	A. Savings	1	
		B. Loan from family/friends	2	
		C. Loan from lending/self-help group	3	
		D. Loan from MFI	4	
		E. Other (please write in)	96	
365	If you purchased this stove, how do you think having it would change your everyday life? <i>[Do NOT read from the list; check all that apply. Without prompting or leading, try to elicit answers by making this question more like a conversation]</i>	A. Use less firewood	1	
		B. Shorter cooking time	2	
		C. Less smoke	3	
		D. Impress others; make me proud of my house	4	
		E. Less smoke/soot; a cleaner house/kitchen	5	
		F. Cleaner pots	6	
		G. Cleaner clothes	7	
		H. Less coughing	8	
		I. Less eye irritation	9	
		J. Save money on fuel	10	
		K. Less time spent collecting fuel	11	
		L. More insects in house	12	
		M. Longer cooking time	13	
		N. Longer fuel preparation time	14	
		O. No change	15	
		P. Other (please write in)	96	
366	Is there anything else you'd like to tell me about your experience using this new stove?			

End time

HH	MM		

DO LEAD-IN TO “WILLINGNESS TO PAY.”

FOR THOSE who express interest in purchasing the stove, DO WILLINGNESS TO PAY exercise with appropriate person/s for whichever stove they're willing to buy.

IF NOT WILLING TO PAY, END: “THANK YOU VERY MUCH FOR YOUR TIME”