

Questionnaire for assessment on the access of improved latrine among households of sanitation marketing products users and non-users and associated factors in Dessie Zuria, South Wollo zone Amhara region.

Part I (100): - Socio-demographic factors				
No	Questions	Response options	Answer	Skip
101	Who is the head of the household?	1. Father 2.Mother 9.Other specify---		
102	Sex?	1 Female 2. Male		
103	Age?	_____ Years		
104	What is your Religion?	1.Ortodox 2.Muslim 3.Catholic 4.Protestant 9.Other,specify-----		
105	Marital status?	1.S ingle 2.Married 3. Widowed 4. Divorced		
106	What is your Occupation? (More than one option is possible)	1.Housewife 2.Dailylabor 3.Government employee 4. Merchant 5. Farmer 9. Other (specify)-----		
107	What is your education level?	-----		
108	Do you have student in your household?	0 = No 1 = Yes		

109	Total family size of the household? (number)	-----		
wealth index				
110	Among the following materials, which one do you own? (more than one answer is possible)	1.Watch 2.Sofa 3.Chair 4.Table 5.Bed and mattress which made from Cotton spring 6.Horse's Cart 9. If others specify...		
111	Do you have your own farm for the purpose of agriculture/cropping?	0 = No 1 = Yes		
112	Does your living house have dividing class?	0 = No 1 = Yes		
113	From the following household animal do you have? (more than one answer is possible)	1. Ox/ cow 2. Horse/donkey/ mule 3.Goa t4.Sheep 5.Hen 9.If others specify...		If yes how many?
114	Who is the owner of your living house	1. My own 2. Rent house		
115	Do you have separated bedroom?	0 = No 1 = Yes		
116	Do you have separated kitchen?	0 = No 1 = Yes		
117	From which material your house floor is made? (more than one answer is possible)	1. Natural ground 2. Muck/smooth by cows faces 3. Wood 4. Cement 9. If others list ---		
118	From which material your house roof is made?	1. Grass/ leaf 2. Corrugated iron		

119	From which material your house wall is made? (more than one answer is possible)	1.Wood but not have mod 2. Wood with mod 3. Wood and cement 4. Blocket 9. If others list---		
120	Do you have health insurance?	0 = No 1 = Yes		
Part II (200) Environmental factors				
Code	Questions	Response options		Skip
201	Is there access of water?	0 = No 1 = Yes	If no	202
202	If yes how long does it takes to fetch water in one round trip?	1=Lessthan30minute 2=Above 30 minute		
203	Did you get training on improved sanitation facilities?	0 = No 1 = Yes		
204	If yes who provides the training?	1= Health development army 2= Health extension worker 3= Kebele administrators 4= Woreda health officer 9= Other, specify-----		
205	Is there a supportive supervision in the area?	0 = No 1 = Yes		
206	Did you get a supportive supervision?	0 = No 1 = Yes		
207	By whom a supportive supervision was done?	1= Health development army		

		<p>2= Health extension worker</p> <p>3= Kebele administrators</p> <p>4= Woreda health officer</p> <p>9= Other, specify-----</p>		
208	Frequency of supportive supervision	<p>1= Weekly2= Monthly3= Quarterly4= yearly 9= Other, specify---</p>		
209	Is there any external influence to buy improved sanitation facilities?	<p>0 = No 1 = Yes</p>		
210	If yes who influences you to construct latrine	<p>1= Health development army</p> <p>2= Health extension worker</p> <p>3= Kebele administrators</p> <p>4= Woreda health officer</p> <p>9= Other, specify-----</p>		
211	Distance of the house from health post	<p>1= <1km 2= from 1km to 5km 3= >5km</p>		
212	Is there sanitation hardware stores in your community?	<p>0 = No 1 = Yes</p>		
213	Who recruit the store?	<p>1) NGO 2)woreda health office 3) local administrator</p>		
213	Which type of sanitation hardware were available in your community?	<p>1 = satopan 2 = ducasato3 = sil Africa</p> <p>9 = others specify ---</p>		

214	Did the government or other funding agency provide any subsidy / money to help you to construct your latrine?	0 = No 1 = Yes		
215	Is there locally available material that is used for latrine construction?	0 = No 1 = Yes		
216	If yes Which materials are available in your area?	1= Wood 2= Wood mud 3= Grass 4= Stone 5= Water 9= Other specify----		
217	Your neighbor hood have improved latrine facilities constructed?	0 = No 1 = Yes		
218	Your kebele is adjacent to sanitation market implementer kebele?	0 = No 1 = Yes 2 = I don't know		
219	Distance of the house from the town?	1= less than 10 km 2= 10-20 km 3= 20-30 km 4= above 30 km		
220	Is there a skilled mason when you want to construct improved sanitation facilities?	0 = No 1 = Yes		
221	Is there a flood problem to the latrine?	0 = No 1 = Yes		
222	Is there a site for latrine pit or septic tank?	0 = No 1 = Yes		
223				
Part III (300) Behavioral factors				
Code	Questions	Response options	Answer	Skip

301	Promotion on improved sanitation facilities was carried out in the community?	0 = No 1 = Yes		
302	Who was provide the promotion?	1) volunteers 2) health development army 3) health extension worker 4) others		
303	Have you source of information on improved sanitation facilities?	0 = No 1 = Yes		
304	If yes who provide the information?	1= Health development army 2= Health extension worker 3= Kebele administrators 9= Other (specify)-----		
305	Who is responsible for constructing latrines in your household?	1= Women 2= Men 3= Both		
306	What reason motivating you to build this latrine?	1=Privacy 2=Convenience 3= Safety from insect and snake bites 4= Security for women and children 9= if other, specify-----		

307	Do you think that carried out of promotion is necessary for access to improved latrine?	0 = No 1 = Yes		
308	Do you think that provision of trainng for mason, latrine stakeholder and	0 = No 1 = Yes		

	others are necessary for access to improved latrine?			
309	Do you think that availability of volunteers is necessary for access to improved latrine?	0 = No	1 = Yes	
310	Do you think that availability of stores for improved sanitation facilities is necessary for access to improved latrine?	0 = No	1 = Yes	
311	Do you think that creation of chains to micro finance is necessary for access to improved latrine?	0 = No	1 = Yes	
312	Do you think that children's feces are harmful	0 = No	1 = Yes	
		2 = don't know		
313	Do you think that defecation in the open can speed disease in a community	0 = No	1 = Yes	
		2 = don't know		
314	Do you think that can children under five die from diarrhea	0 = No	1 = Yes	
		2 = don't know		
315	Do you think that availability of water and soap near to latrine is necessary?	0 = No	1 = Yes	
316	Have you ever heard about improved latrine?	0 = No	1 = Yes	
317	What is the benefit of improved latrine? (more than one answer is possible)	1= Reduce flies 2= Reduction of bad smell 3= Prevention of disease4= Privacy		

		5= for open defecation free 9= I don't know		
318	How can diarrhea be prevented in your household? (more than one answer is possible)	1= Treating/boiling water 2=Boiling water 3= Washing hands with soap 4= Defecating in a latrine 5= I don't know 9= If other specify-----		
313	Do you know the presence of different types of improved latrine?	0 = No 1 = Yes		
314	What type of improved latrine do you know?	1=Flush or pour flush to sewer system, septic tank and pit latrine 2= ventilated improved pit latrine 3= Pit latrine with slab 4= Composting latrine		
315	When extra money is available in your household, how is this usually spent?	1= Building improving latrine 2=Buying land 3=Buying house 4=Buying agricultural inputs 9= If Other specify---		
316	How satisfied are you with the availability of sanitation hardware stores in your community?	1=Strongly satisfied 2=Moderately satisfied 3 = Moderately dissatisfied 4 = Strongly dissatisfied 5= Don't know		
317	Latrine materials can be difficult to find	1= Strongly agree 2= Moderately agree		

		3=Moderately disagree 4=Strongly disagree 5= Don't know		
318	Local masons are skilled to build all kinds of latrines	1= Strongly agree 2= Moderately agree 3 = Moderately disagree 4 = Strongly disagree 5= Don't know		
319	Improved latrine prevent transmission of communicable disease?	1= Strongly agree 2= Moderately agree 3 = Moderately disagree 4 = Strongly disagree 5= Don't know		
320	People in your family know how to build improved latrine	1= Strongly agree 2= Moderately agree 3= Moderately disagree 4 = Strongly disagree 5= Don't know		
321	Implementation of sanitation marketing approach increase access to improved latrine	1= Strongly agree 2= Moderately agree 3 = Moderately disagree 4 = Strongly disagree 5= Don't know		
322	It is too expensive to make latrine upgrades	1= Strongly agree 2= Moderately agree 3 = Moderately disagree 4 = Strongly disagree 5= Don't know		
323	Improved latrine is important for preventing contamination of water bodies?	1= Strongly agree 2= Moderately agree 3 = Moderately disagree 4 = Strongly disagree 5= Don't know		
324	Child mortality is reduced by construction of improved latrine	1= Strongly agree 2= Moderately agree 3 = Moderately disagree 4 = Strongly disagree 5= Don't know		

325	Availability of improved latrine prevents the people to practice open defecation	1= Strongly agree 2= Moderately agree 3 = Moderately disagree 4 = Strongly disagree 5= Don't know		
326	Thinking about the soil condition and landscape surrounding your household, how easy do you believe it would be to construct a latrine?	1=Not at all easy 2=Somewhat easy 3=Moderatelyeasy4=Very easy 5= Extremely easy		
327	Having my own latrine will bring comfort to me and my family	1= Strongly agree 2= Moderately agree 3 = Moderately disagree 4 = Strongly disagree 5= Don't know		
328	Households that own latrines are seen as better educated	1= Strongly agree 2= Moderately agree 3 = Moderately disagree 4 = Strongly disagree 5= Don't know		
329	People who share latrines are more at risk of getting diarrhea	1= Strongly agree 2= Moderately agree 3 = Moderately disagree 4 = Strongly disagree 5= Don't know		
Availability of Improved latrine(400)				
401	What kind of latrine do you have?	1= Flush to piped sewer system 2= Flush to septic tank3= Flush to pit latrine 4= Flush to somewhere else 5= Ventilated improved pit latrine 6= Pit latrine with slab 7= Pit latrine without slab/open		

		pit 9= if other specify -----		
402	Do you share toilet facility with other household?	0 = No 1 = Yes		
403	How many years since latrine constructed?	1= Less than 1 year 2= 1-2 years 3= 2-3 years 4= Greater than 3 years		
404	Does the latrine have a lid/cover?	0 = No 1 = Yes		
405	Is the latrine pan currently broken, choked or blocked due to debris, stone, leaves, mud, paper etc?	0 = No 1 = Yes		
406	Does the latrine have a functioning light?	0 = No 1 = Yes		
407	Does the latrine have a ventilation pipe to take out the odor from the pits?	0 = No 1 = Yes		
408	Is there a hand washing facility?	0 = No 1 = Yes		
409	Is there water at the place for hand washing?	0 = No 1 = Yes		
410	Is there presence of soap, detergent or other cleaning agent? (Multiple responses possible)	0 = No 1 = Yes		
411	Since the latrine was constructed, have you made any improvements to your facility?	0 = No 1 = Yes		
412	What improvements have been made? (Multiple responses possible)	1= Changed floor to cement, ceramics, bricks 2=Put cover/lid 3=Build wall with bricks 4= Put a		

		corrugated iron roof 9= if other, specify---		
413	Access of improved latrine	0 = No	1 = Yes	

Observational check list

Improve latrine measurement(500)				
501	Does the floor of latrine have a hole other than a squat hole? (Checked by observation)	0 = No Yes	1 =	
502	Does the floor of latrine can easily cleanable? (Checked by observation)	0 = No Yes	1 =	
503	Does the slab of latrine free from faeces? (Checked by observation)	0 = No Yes	1 =	
504	Does the slab of latrine have a fly protected covered? (Checked by observation)	0 = No Yes	1 =	
505	Does the height of latrine is 1.75 and above meter? (Checked by observation)	0 = No Yes	1 =	
506	Does the roof of latrine protect rain and sunlight? (Checked by observation)	0 = No	1 = Yes	
507	Does latrine have flood protection scale? (Checked by observation)	0 = No	1 = Yes	
508	Does latrine have hand washing facility? (Observation)	0 = No	1 = Yes	

509	Is there water in hand washing facility? (Checked by Observation)	0 = No	1 = Yes		
510	Is there soap near to hand washing facility? (Checked by Observation)	0 = No	1 = Yes		
511	Does latrine have door? (Checked by observation)	0 = No	1 = Yes		