

Adapting sanitation needs to a BVIP latrine (and its upgradable models): a mixed method study under lower middle-income rural settings

Ward: Village: Date:

[Institutional and researcher details were purposively removed]

Introduction [On attached Informed consent document]

Instruction

Indicate your response for each by encircling the response number corresponding to your choice.

1. Sex of responding house head	1. Male 2. Female
2. Marital status	1. Married 2. Never married 3. Divorced 4. Widowed
3. Age group (years)	1. 18-25 2. 26-35 3. 36-45 4. 46-55 5. > 55
4. Highest formal educational level	1. None 2. Primary 3. Secondary 4. Tertiary
5. Ethnicity	1. Korekore 2. Chikunda 3. Foreign 4. Other
6. Religion	1. Christianity 2. Traditional 3. Muslim 4. None 99. Other <i>If other, please specify</i>
7. Main source of household income	1. Employed member 2. Sale of crops 3. Small-scale business 4. Paid labour 99. Other <i>If other, please specify</i>
8. Approximate household monthly income (USD)	1. Less than 50 2. 50-100 3. 101-200 4. Greater than 200
9. Household size	1. Less than or equal to 2 2. 3-5 3. Greater than 5
10. Nature of family	1. Nucleus 2. Extended
11. Number of cattle owned	1. None 2. Less than or equal to 3 3. 4-5 4. Greater than 5
12. Brick-built OR iron/asbestos Sheets-roofed house	1. Yes 2. No
13. Residence period of household (years)	1. Less than 2 2. 2-10.9 3. 11-20 4. Greater than 20
14. Know 3 sanitation options	1. Yes 2. No
15. Share latrine with neighbours	1. Yes 2. No
16. Enlisted for social support	1. Yes 2. No
17. Presence of functional TV set	1. Yes 2. No
18. Sanitation facility at the household	1. Pour/flush to septic tank/soak-away 2. Pour/flush to a drain 3. Pit latrine with a concrete slab 4. Traditional pit latrine 5. Ecological sanitation 6. No sanitation facility 99. Other <i>If other, please specify</i>
19. Reason for absence of sanitation facility	1. Cannot afford to build one 2. BVIP latrine is expensive to build 3. Shares with a neighbour 4. The old latrine is filled up 5. The old latrine collapsed 99. Other <i>If other, please specify</i>
20. Latrine preference for the household	1. BVIP latrine 2. Pour/lush-septic tank/soak-away 3. Improved pit latrine 4. Traditional pit latrine 99. Other <i>If other, please specify</i>
	1. User-friendly/ease to use 2. Offers protection 3. Preserves privacy and dignity 4. Health benefits

21. Main reason for latrine preference	5. Cheap to build	6. Easily accessible	7. Durable
	8. Offers waste reuse opportunities	9. Recommended by gvt	
	10. Hygiene reasons	99. Other	
	<i>If other, please specify:</i>		
22. All household members access the sanitation facility	1. Yes always/usually	2. No	3. Yes, at times
23. Main reason for lack of access to a sanitation facility	1. Latrine design	2. Physically handicapped	
	3. Young children (< 5 years old)	4. Cultural factors	
	5. Big family	6. Old age (> 70 years old)	
	99. Other		
	<i>If other, please specify:</i>		
24. Willingness to pay for sanitation facility construction/improvement?	1. Yes	2. No	3. Not sure
25. Willingness to take up loan (microcredit) for latrine construction/improvement?	1. Yes	2. No	3. Not sure