LAKANA trial

**Data collection form 06: Water, hygiene and sanitation**

Version 0.4, 24 March 2020

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| **Section Header** | **Num.** | **Question Text** | **Question Responses** | **Required** |
|  | [0] | Instructions: Complete this form for all consented households. | |  |
| Visit information | [1] | Date: |  | Yes |
| Water | [2] | What is the main source of drinking water for the members of the household? | 1, Piped water into dwelling (Skip to [7]) | 2, Piped water into compound/yard/plot (Skip to [7]) | 3, Piped to neighbour (Skip to [6]) | 4, Public tap/standpipe (Skip to [6]) | 5, Borehole or tube well (Skip to [5]) | 6, Protected dug well (Skip to [5]) | 7, Unprotected dug well (Skip to [5]) | 8, Water from protected spring (Skip to [5]) | 9, Water from unprotected spring (Skip to [5]) | 10, Rainwater collection (Skip to [5]) | 11, Delivered water - Tanker Truck (Skip to [6]) | 12, Delivered water - Cart with small tank (Skip to [6]) | 13, Water kiosk (Skip to [6]) | 14, Packaged Water - Bottled water (Skip to [4]) | 15, Packaged Water - Sachet water (Skip to [4]) | 16, Surface water (river/stream/ dam/lake/pond/canal/irrigation channel) (Skip to [6]) | 17, Other (Skip to [5]) | Yes |
|  | [3] | If Other, specify |  |  |
|  | [4] | What is the main source of water used by members of your household for other purposes, such as cooking and hand washing? | 1, Piped water into dwelling (Skip to [7]) | 2, Piped water into compound/yard/plot (Skip to [7]) | 3, Piped to neighbour (Skip to [5]) | 4, Public tap/standpipe (Skip to [5]) | 5, Borehole or tube well (Skip to [5]) | 6, Protected dug well (Skip to [5]) | 7, Unprotected dug well (Skip to [5]) | 8, Water from protected spring (Skip to [5]) | 9, Water from unprotected spring (Skip to [5]) | 10, Rainwater collection (Skip to [5]) | 11, Delivered water - Tanker Truck (Skip to [6]) | 12, Delivered water - Cart with small tank (Skip to [6]) | 13, Water kiosk (Skip to [6]) | 14, Packaged Water - Bottled water (Skip to [7]) | 15, Packaged Water - Sachet water (Skip to [7]) |16, Surface water (river/stream/ dam/lake/pond/canal/irrigation channel) (Skip to [6]) | 17, Other (Skip to [5]) | Yes |
|  | [5] | Where is that water collected from? | 1, In own dwelling (Skip to [7]) | 2, In own yard/plot (Skip to [7]) | 3, Elsewhere (Skip to [6]) | Yes |
|  | [6] | How long does it take to go there, get water, and come back? Number of minutes (888 if NA, 999 if unknown) |  | Yes |
|  | [7] | In the last month, has there been any time when your household did not have sufficient quantities of drinking water when needed? | 1, Yes, at least once (Skip to [7]) | 2, No, always sufficient (Skip to [7]) | 3, Don't know (Skip to [7]) | Yes |
|  | [8] | Can you please show me where the members of your household collect drinking water so that I can test the water quality? *(Conduct tests within 30 mins of collecting samples. Record 3-digit count of colonies. If 101 or more colonies counted, record 101. If not possible to read/results lost, record 998)* | description |  |
|  | [9] | Number of E. coli detected in 100 ml sample:[[1]](#footnote-1) | integer | Yes |
| Sanitation | [10] | What kind of toilet facility do members of your household usually use? (If ‘Flush’ or ‘Pour flush’, probe: Where does it flush to? If not possible to determine, ask permission to observe the facility.)[[2]](#footnote-2) | 1, Flushed or pour flush to piped sewer system (Skip to [8]) | 2, Flushed or pour flush to septic tank (Skip to [8]) | 3, Flushed or pour flush to pit latrine (Skip to [8]) | 4, Flushed or pour flush to open drain (Skip to [12]) | 5, Flushed or pour flush, don't know where (Skip to [12]) | 6, Dry pit latrine with slab (Skip to [12]) | 7, Dry pit latrine without slab/open pit (Skip to [12]) | 77, Ventilated improved pit (VIP) (Skip to [12]) | 8, Composting toilets - Twin pit with slab (Skip to [12]) | 9, Composting toilets - Twin pit without slab (Skip to [12]) |10, Other Composting toilet (Skip to [12]) | 11, Bucket - container based sanitation (Skip to [12]) | 12, Bucket - hanging toilet/hanging latrine (Skip to [12]) | 13, No facility/bush/field (Skip to [17]) | 12, Other, specify (Skip to [12]) | Yes |
|  | [11] | Specify Other: |  | Yes |
|  | [12] | Do you share this facility with others who are not members of your household? | 1, Yes | 2, No | Yes |
|  | [13] | Where is this toilet facility located? | 1, In own dwelling (Skip to [13]) | 2, In own yard/plot (Skip to [13]) | 3, Elsewhere (Skip to [14]) | Yes |
|  | [14] | Has your (pit latrine or septic tank) ever been emptied? | 1, Yes, emptied (Skip to [14]) | 2, Never emptied (Skip to [14]) | 3, Don't know (Skip to [15]) | Yes |
|  | [15] | The last time it was emptied, where were the contents emptied to? (Was it removed by a service provider?) | 1, Removed by service provider to a treatment plant (Skip to [17]) | 2, Removed by service provider - buried in a covered pit (Skip to [17]) | 3, Removed by service provider to don't know where (Skip to [17]) | 4, Emptied by household buried in a cover pit (Skip to [17]) | 5, Emptied by household to uncovered pit/open ground/ water body/elsewhere (Skip to [17]) | 6, Other (Skip to [17]) | 7, Don't know (Skip to [17]) | Yes |
|  | [16] | Specify other: |  | Yes |
| Hygiene | [17] | Can you please show me where members of your household most often wash their hands? | 1, Fixed facility observed (skin/tap) in dwelling (Skip to [19]) | 2, Fixed facility observed (skin/tap) in yard/plot (Skip to [19]) | 3, Mobile object observed (bucket/jug/kettle) (Skip to [19]) | 4, No handwashing place in dwelling/yard/plot (End) | 5, No permission to see (End) | 6, Other reason (End) | Yes |
|  | [18] | Specify other: |  | Yes |
|  | [19] | Observe availability of water at the place for handwashing. (Verify by checking the tap/pump, or basin, bucket, water container or similar objects for presence of water.) | 1, Water is available (Skip to [20]) | 2, Water is not available (Skip to [20]) | Yes |
|  | [20] | Observe availability of soap or detergent at the place for handwashing. | 1, Soap or detergent available (End) | 2, Soap or detergent not available (End) | Yes |

1. Testing for E. coli in a sub-sample of 4-5 households is required for calculation of water service level indicator. [↑](#footnote-ref-1)
2. This question incorporates an additional response option, *“Ventilated improved pit (VIP),”* from Mali DHS. [↑](#footnote-ref-2)