

Household Survey on domestic water security, Jan. 2018

Date: _____ Time: _____
Place: _____ Waypoint number: _____
Surveyor: _____
Survey no.: _____ No. of recording: _____

D: WATER COLLECTION

D1. What is the main source of drinking-water for members of your household? (*possibly indicate source on a map*)

- (1) Piped water into dwelling (Go to D7)
- (2) Piped water to yard/plot (Go to D7)
- (3) Public tap/standpipe/borehole
- (4) Unprotected dug well
- (5) Unprotected spring
- (6) Protected dug well
- (7) Protected spring
- (8) Rainwater collection
- (9) Bottled water (Go to D1-1)
- (10) Cart with small tank/drum, tanker-truck, waterkan
- (11) Surface water (river, dam, lake, pond, stream, canal, irrigation channels)
- (12) Other: _____

D1-1. (*ONLY for E1: bottled water*) What is the main source of water used by your household for other purposes, such as cooking and hand washing?

- (1) Piped water into dwelling (Go to D7)
- (2) Piped water to yard/plot (Go to D7)
- (3) Public tap/standpipe/borehole
- (4) Unprotected dug well
- (5) Unprotected spring
- (6) Protected dug well
- (7) Protected spring
- (8) Rainwater collection
- (9) Cart with small tank/drum, tanker-truck, waterkan
- (10) Surface water (river, dam, lake, pond, stream, canal, irrigation channels)
- (11) Other: _____

D2. How long does it take to go there, get water, and come back?

- (1) No. of minutes: _____ (2) DK

D3. Who usually goes to the source to fetch the water for your household?

- | | |
|-----------------------------------|----------------------------------|
| (1) Adult woman | (4) Male child (under 18 years) |
| (2) Adult man | (5) Person external to household |
| (3) Female child (under 18 years) | |

D4. What do you use to fetch water? Can you show us the containers? How big are the containers? (*note the size, take picture*)

- (1) Container type 1: _____ Litre
- (2) Container type 2: _____ Litre
- (3) Container type 3: _____ Litre
- (4) Container type 4: _____ Litre

D5. How many containers does your household usually fill when collecting water, per day (for all purposes and sources)?

- (1) Number of containers/day, type 1: _____
- (2) Number of containers/day, type 2: _____
- (3) Number of containers/day, type 3: _____
- (4) Number of containers/day, type 4: _____

D6. Does your household use any means of transport for fetching the water?

- | | |
|--|-----------------------|
| (1) No, we walk (with water on the head) | (3) Yes, donkey |
| (2) Yes, car | (4) Yes, other: _____ |

D7. How often per day do you go to fetch water? _____

D8. How many days of the week was drinking water from the main source available during the last two weeks?

- | | |
|----------------------------------|-----------------|
| (1) Continuously (7 days / week) | (4) Once a week |
| (2) 4 – 6 days / week | (5) Not at all |
| (3) 2 – 3 days / week | (6) DK |

D9. How much time in a day was drinking water from the main source available to your household during the last two weeks?

- | | |
|--------------------------------|-------------------------------|
| (1) Continuously / all day | (4) Less than 4 hours per day |
| (2) More than 12 hours per day | (5) DK |
| (3) 5 to 12 hours per day | |

D10. Do you use this water the whole year or only now?

- | | |
|---------------------------|--------------------------------------|
| (1) Whole year (go to E1) | (4) Only, when no water in standpipe |
| (2) Only in summer | (5) Other: _____ |
| (3) Only in winter | _____ |

D10-1. What sources of water do you use otherwise?

- (1) Piped water into dwelling
- (2) Piped water to yard/plot
- (3) Public tap/standpipe/borehole
- (4) Unprotected dug well
- (5) Unprotected spring
- (6) Protected dug well
- (7) Protected spring
- (8) Rainwater collection
- (9) Bottled water
- (10) Cart with small tank/drum, tanker-truck , waterkan
- (11) Surface water (river, dam, lake, pond, stream, canal, irrigation channels)
- (12) Other: _____

E: DOMESTIC WATER USE

E 1. When you look at the last two weeks, how much water does your household use for the following activities per day?

- (1) Drinking _____
- (2) Cooking _____
- (3) Personal hygiene/bathing _____
- (4) Cleaning dishes _____
- (5) Cleaning the house _____
- (6) Laundry _____
- (7) Irrigation _____
- (8) Giving water to animals _____
- (9) Other: _____

E2. Imagine you had piped water into your house with a continuous water supply: How would your domestic water consumption per day change?

E3. Which containers do you use to store drinking water? Would you please show it/them to me? What size is it/are they? *(note no. of containers and size, take picture)*

- (1) Container type 1: No: ____ Vol: ____ Litre
- (2) Container type 2: No: ____ Vol: ____ Litre
- (3) Container type 3: No: ____ Vol: ____ Litre

E4. Do you have a tank for rainwater harvesting?

- (1) Yes
- (2) No (Go to E5)

E4-1. What is the storage capacity of the tank? ____ Litre

E4-2. What is the rainwater from the tank mainly used for?

- (1) Drinking
- (2) Cooking
- (3) Personal hygiene/bathing
- (4) Cleaning dishes
- (5) Cleaning the house
- (6) Laundry
- (7) Irrigation
- (8) Giving water to animals
- (9) Other: _____

E5. Do you reuse any water in the household?

- (1) Yes
- (2) No (Go to F1)

E5-1. For which domestic activities do you reuse water that has already been used in the household? *(multiple replies)*

- (1) Drinking
- (2) Cooking
- (3) Personal hygiene/bathing
- (4) Cleaning dishes
- (5) Cleaning the house
- (6) Laundry
- (7) Irrigation
- (8) Giving water to animals
- (9) Other: _____

F: DRINKING WATER TREATMENT

F1. Do you treat your water in any way to make it safer to drink?

- (1) Yes
- (2) No (Go to G1)
- (3) DK

E2. What do you usually do to the water to make it safer to drink?

- (1) Boil
- (2) Add bleach/chlorine
- (3) Strain it through a cloth
- (4) Use a water filter (ceramic, sand, etc.)
- (5) Solar disinfection
- (6) Let it stand and settle
- (7) Remove debris with hands
- (8) Other: _____

F3. Why do you treat drinking water? *(multiple replies)*

- (1) Contaminated with dirt
- (2) Contaminated with faeces / human / animal waste
- (3) Contaminated with germs / bacteria / viruses
- (4) Animals use the water
- (5) Water smells bad
- (6) Water looks bad
- (7) Insects in the water
- (8) So I don't get sick / Prevent sickness
- (9) DK
- (10) Other: _____

G: SANITATION AND HYGIENE

G1. What rules do you teach your children, when they start using the toilet? (*multiple replies*)

- (1) To wash their hands afterwards
- (2) To wash their hands using soap afterwards
- (3) To leave the toilet in a clean state
- (4) Other: _____

G2. *If there is an infant in the household:* The last time the youngest infant passed stools, what was done to dispose of the stools?

- (1) Child used toilet
- (2) Put/rinsed into toilet
- (3) Put/rinsed into drain or ditch
- (4) Thrown into garbage
- (5) Buried
- (6) Left in the open
- (7) DK
- (8) Other: _____

H: WATER AND HEALTH

H1. During the past 2 weeks, did you or any other member of the household suffer from diarrhoea or vomiting?

- (1) Yes
- (2) No (Go to H2)

H1-1. How old is that person?

- (1) Adult (18 and above)
- (2) Infant (0 – 4 years)
- (3) Child (5 – 17 years)

H1-2. How long did that person suffer from diarrhoea or vomiting?

- (1) 1 to 2 days
- (2) 3 to 7 days
- (3) 8 to 14 days

H2. During the past 2 weeks, did you or any other member of the household suffer from fever?

- (1) Yes
- (2) No (Go to H3)

H2-1. How old is that person?

- (1) Adult (18 and above)
- (2) Infant (0 – 4 years)
- (3) Child (5 – 17 years)

H2-2. How long did that person suffer from fever?

- (1) 1 to 2 days
- (2) 3 to 7 days
- (3) 8 to 14 days

H3. Do you have a cellphone?

- (1) Yes
- (2) No (End)

H3-1. Can you make a call from it right now?

- (1) Yes
- (2) No

A: HOUSEHOLD

A1. Sex:

- (1) Female
- (2) Male

A2. How old are you?

- (1) 18-25
- (2) 26-35
- (3) 36-45
- (4) 46-55
- (5) 56-60
- (6) 61 or older
- (7) DK/refused

A3. Are you head of household?

- (1) Yes (go to A4)
- (2) No
- (3) DK/refused

A3-1. What is your relationship to the head of household? I am the head's:

- (1) Wife
- (2) Mother
- (3) Grandmother
- (4) Daughter (in law)
- (5) Other: _____
- (6) Husband
- (7) Father
- (8) Grandfather
- (9) Son (in law)

A4. How many adults (aged 18 years and above) live in this household permanently including you? _____

A5. How many members of this household are 56 and older? _____

A6. How many members of this household are female? _____

A7. How many children (aged 5 to 17) live in in this household? _____

A8. How many infants (aged 0-4 years) live in this household? _____

A9. Recap: So is it correct you are ___ persons in the household?

- (1) Yes (2) No, _____

A10. Who in the household contributes most to the household's income? (We don't need to know the name)

A11. What has been _____'s (*answer from A10*) main employment during the last 7 days?

- (1) Unemployed
- (2) Employer
- (3) Regular skilled employee/professional
- (4) Regular unskilled employee
- (5) Casual skilled employee
- (6) Casual unskilled employee
- (7) Farmer
- (8) Self-employed, small business/home production
- (9) Unpaid family worker
- (10) Student/apprentice
- (11) Pensioner
- (12) Sick/handicapped
- (13) Other: _____
- (14) DK

A12. What is the highest educational level completed by X (*answer from A10*)?

- (1) None and analphabetic
- (2) None but literate
- (3) Primary School
- (4) Secondary School (Grade 10)
- (5) High School (Matric)
- (6) College/Diploma
- (7) University degree
- (8) Master's
- (9) Technicon / Certificate
- (10) DK

A13. What is the average total monthly income of the household? This includes income earned by all members of the household and all sources (income from employment, own production, received from other family members etc.)

- (1) Below R500 / month
- (2) R501 – R1000 / month
- (3) R1001 – R2000 / month
- (4) R2001 – R5000 / month
- (5) Refused to answer
- (6) R5001 – R10000 / month
- (7) R10001 – R15000 / month
- (8) R15001 – R20000 / month
- (9) R20001 / month and above
- (10) DK

B: SETTLEMENT

B1. Since when have you and your family been living in this village?

Since (year) _____

B2. Since when have you and your family been living in this house?

Since (year): _____

B3. Why did you choose to live here?

C: ECONOMY

C1. What do you grow or produce on your plot?

- (1) Agricultural products
- (2) Husbandry products
- (3) Handcrafted products
- (4) Other: _____

Notes: _____

C2. How much of the food consumed in your household is bought on the market instead of produced?

- (1) DK
- (2) Most to all
- (3) More than half
- (4) About half
- (5) Less than half / some
- (6) Very little to none

H2-2. Could I have your cellphone number and name to possibly contact you in the future?

- (1) No/refused (2)Yes: _____ Name: _____