

1. Identifying Information

No	Questions	Answers/codes	Skip to
Q1.01	Date of interview <i>Itariki y'ibazwa</i>	<input type="text"/> / <input type="text"/> / <input type="text"/> <i>dd mm yyyy</i>	
Q1.02	Surveyor code <i>Kodi y'ubaza</i>	<input type="text"/>	
Q1.03	Status of respondent <i>Igice ubazwa aherereyemo</i>	0 1. Case 0 2. Control	
Q1.04	Matching number <i>Numero bihuje?</i> <i>(This number should be the same for the case and the matching control)</i>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	

2. Demographic Information

No	Questions	Answers/codes	Skip to
Q2.01	How long have you been in this camp (in months)? <i>(If less than one month, record "0")</i> <i>Umaze igihe kingana iki muri iyi nkambi(niba ukwezi kutagezeho andika "0")</i>	<input type="text"/>	
Q2.02	Village of residence <i>Umudugudu atuyemo</i>	<input type="text"/>	
Q2.03	Tent number <i>Numero y'ihema</i>	<input type="text"/>	
Q2.04	Bloc number <i>Numero ya bloke cyangwa hangari</i>	<input type="text"/>	
Q2.05	Port (Door) number <i>Numero y'umuryango</i>	<input type="text"/>	
Q2.06	Age in years <i>Mufite imyaka ingahe</i>	<input type="text"/>	
Q2.07	Sex of the participant <i>Igitsina</i>	0 1. Male 0 2. Female	

No	Questions	Answers/codes	Skip to
Q2.08	Level of completed Education <i>Amashuri yize</i>	0 1. None 0 2. Pre-school 0 3. Primary 0 4. Secondary 0 5. Tertiary	
Q2.09	Occupation since arrival to the camp <i>Umurimo akora kuva ageze mu nkambi</i>	0 1. None 0 2. Farming 0 3. Trading 0 4. Casual 0 5. Student 96. Other, specify _____	
Q2.10	Religion <i>Idini</i>	0 1. None 0 2. Catholic 0 3. Protestant 0 4. Adventist 0 5. Islam 0 6. Traditional 0 96. Other, specify _____	
Q2.11	What is your marital status <i>Irangamimerere</i>	0 1. Never married 0 2. Currently married 0 3. Separated 0 4. Divorced 0 5. Widowed 0 6. Cohabiting 0 96. Other, specify _____	

3. Clinical Information (For cases only)

No	Questions	Answers/codes	Skip to
Q3.01	Signs and symptoms <i>Ibimenyetso by'indwara</i> Select ALL that apply	D 1. Fever D 2. Chills D 3. Malaise D 4. Headache D 5. Sore throat D 6. Cough D 7. Abdominal pain D 8. Constipation D 9. Diarrhea D 96. Other, specify _____	
Q3.02	What was the duration of illness (in days) before presenting at health facility <i>Uburwayi wabumaranye iminsi ingaha utarajya kwa muganga</i>	____ ____	

<i>Q3.03</i>	Which health facility did you attend? <i>Wagiye kwivuriza ku rihe vuriro</i>	O 1. Mahama health centre O 2. Mahama health post O 3. Kirehe hospital O 96. Other, specify _____	
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No	Questions	Answers/codes	Skip to
Q3.04	Did you receive any treatment at home before going to the health facility? <i>Waba waranyoye imiti mbere y'uko ujya kwa muganga?</i>	O 1. Yes O 2. No	2 → Q3.06
Q3.05	If yes, what treatment did you receive before presenting to the health facility? <i>Niba waranyoye imiti ni iyihe miti wanyoye?</i> Select ALL that apply	D 1. Antibiotics D 2. Analgesic D 3. Traditional medicines D 88. Don't know D 96. Other, specify _____	
Q3.06	Were you admitted to the health facility? <i>Mbese wagiye mu bitaro?</i>	O 1. Yes O 2. No	2 → Q3.08
Q3.07	What were the treatments given at health facility? <i>Waba wibuka imiti baguhaye ku ivuriro?</i> Select ALL that apply	D 1. IV fluid D 2. Antibiotics D 3. Surgical intervention D 88. Don't know D 96. Other, specify _____	
Q3.08	At the facility, were you advised on the usage and duration of the antibiotics? <i>Mbese ku ivuriro bakugiriye inama y'ukuntu uzajya unywa imiti n'igihe imiti izamara?</i>	O 1. Yes O 2. No O 3. Not applicable	
Q3.09	Concerning the given antibiotics, did you Complete the dosage as prescribed <i>Mbese imiti baguhaye warayinyoye urayirangiza?</i>	O 1. Yes O 2. No O 3. Not applicable	
Q3.10	When on medication, have the CHWs followed up with you on the use of your medication? <i>Mbese mu gihe wari uri gufata imiti, umuremeshakiyago yaragusuraga?</i>	O 1. Yes O 2. No O 3. Not applicable	
Q3.11	If yes, how often? <i>Niba yaragusuye, yagusuye inshuro zingahe?</i>	O 1. Regularly O 2. Most of the times O 3. Sometimes O 4. Not at all O 5. Not applicable O 96. Other, specify _____	

4. Risk Factors

No	Questions	Answers/codes	Skip to
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Q4.01	What is the commonest source of the food you eat daily? <i>Amafunguro murya muyakura he?</i>	<input type="radio"/> 1. Prepared at home <input type="radio"/> 2. Health Facility kitchen <input type="radio"/> 3. Community kitchen <input type="radio"/> 4. Community market <input type="radio"/> 5. Food hawkers within the camp <input type="radio"/> 96. Other, specify _____	
No	Questions	Answers/codes	Skip to
Q4.02	How frequently have you eaten cooked food which has become cold? <i>Waba urya imfungurwa zahoze(zikonje) inshuro zingahe?</i>	<input type="radio"/> 1. Always <input type="radio"/> 2. Most of the times <input type="radio"/> 3. Sometimes <input type="radio"/> 4. Never	
Q4.03	Have you ever eaten raw vegetables or fruits washed with non-treated water? <i>Waba warariye imboga mbisi cyangwa imbuto zogeshejwe amazi atari meza?</i>	<input type="radio"/> 1. Yes <input type="radio"/> 2. No	2 → Q4.06
Q4.04	If yes how frequently have you eaten raw vegetables or fruits washed with non-treated water? <i>Niba waraziriye, waba waraziriye inshuro zingahe?</i>	<input type="radio"/> 1. Always <input type="radio"/> 2. Most of the times <input type="radio"/> 3. Sometimes <input type="radio"/> 4. Never	
Q4.05	If yes where do you get these raw vegetables or fruits from? <i>Izo mboga n'izo mbuto mubivana he?</i>	<input type="radio"/> 1. Own garden <input type="radio"/> 2. Community market <input type="radio"/> 3. Food hawkers within the camp <input type="radio"/> 96. Other, specify _____	
Q4.06	Were any of your family members treated for typhoid in the past 3 months? <i>Mu mezi atatu ashize, hari umuntu muri uyu muryango waba wararwaye tifoide?</i>	<input type="radio"/> 1. Yes <input type="radio"/> 2. No <input type="radio"/> 88. Don't Know	
Q4.07	If yes, has any member of the family who was treated for typhoid prepared food for you at least 1-3 weeks before you took ill? <i>Niba ahari, yaba yaraguteguriye imfungurwa mu byumweru bitatu(indwi zitatu) mbere y'uko urwara?</i>	<input type="radio"/> 1. Yes <input type="radio"/> 2. No <input type="radio"/> 88. Don't Know	
Q4.08	Did you ever eat food from outside your home? <i>Waba warafashe amafunguro ahandi hantu hatari iwanyu mu rugo?</i>	<input type="radio"/> 1. Yes <input type="radio"/> 2. No <input type="radio"/> 88. Don't Know	2 → Q4.10 88 → Q4.10
Q4.09	If yes, where? <i>Niba ari yego, ni hehe?</i>	<input type="radio"/> 1. Health Facility kitchen <input type="radio"/> 2. Community kitchen <input type="radio"/> 3. Community market <input type="radio"/> 4. Food hawkers within the camp <input type="radio"/> 96. Other, specify _____	
Q4.10	Do you drink local beer or beverage? <i>Waba waranyoye inzoga mwikorera hano mu nkambi?</i>	<input type="radio"/> 1. Yes <input type="radio"/> 2. No <input type="radio"/> 88. Not applicable	2 → Q4.13
Q4.11	If yes where do you usually get the local beer or beverage from? <i>Niba ari yego, muzikura he?</i>	<input type="radio"/> 1. Community market <input type="radio"/> 2. Food hawkers within the camp <input type="radio"/> 96. Other, specify _____	not 1 → Q4.13

	Questions	Answers/codes	
Q4.12	If community market, how often do you drink community market local beer or beverage?	<input type="radio"/> 1. Always <input type="radio"/> 2. Most of the times <input type="radio"/> 3. Sometimes <input type="radio"/> 4. Never	Skip to
Q4.14	<i>Niba muzikura ku isoko, mbese muzinywa inshuro zingahe?</i> Is drinking water kept in a dedicated container for drinking water?	<input type="radio"/> 1. Yes <input type="radio"/> 2. No	2 → Q4.16
Q4.13	For how long do you normally store your drinking water? <i>Mbese amazi munywa muyahika mu gikoresho cyihariye?</i> (If less than one day, record "0")	<input type="radio"/> Number of days __ __ <input type="radio"/> 99. Don't know	
Q4.15	<i>Amazi munywa muba mwayabitse igihe kingana iki?</i> If yes, what type of container do you use for drinking water storage at household level? <i>Niba ari ko bimeze, ni ubuhe bwoko bw'igikoresho mubikamo ayo mazi?</i>	<input type="radio"/> 1. Jerry-can with cover <input type="radio"/> 2. Jerry-can without cover <input type="radio"/> 96. Other, specify _____	
Q4.16	Do you use the container for any other purposes? <i>Mbese icyo gikoresho hari ikindi kintu mugikoresha?</i>	<input type="radio"/> 1. Yes <input type="radio"/> 2. No	2 → Q4.18
Q4.17	If yes, what other purposes do you use the jerry-can for? <i>Niba ari ko bimeze mbese ni iyihe mirimo yindi mukoresha igikoresho mubikamo amazi yo kunywa?</i> Select ALL that apply	<input type="checkbox"/> 1. Fetching water from the Akagera river <input type="checkbox"/> 2. Fetching water at camp construction site <input type="checkbox"/> 3. Selling beverage/local beer at local community market <input type="checkbox"/> 96. Other, specify _____	
Q4.18	How often do you wash your jerry-can used for keeping drinking water? <i>Ijerekani mubikamo amazi yo kunywa muyoza inshuro zingahe?</i>	<input type="radio"/> 1. Always <input type="radio"/> 2. Often <input type="radio"/> 3. Sometimes <input type="radio"/> 4. Forgets to wash it most of the times <input type="radio"/> 5. Never	
Q4.19	What is your main source of drinking water? <i>Amazi munywa muyavoma he?</i>	<input type="checkbox"/> 1. From tap water in the camp <input type="checkbox"/> 2. From Akagera river <input type="checkbox"/> 96. Other, specify _____	not 1 → Q4.21
Q4.20	If tap water, what is the tap you usually get drinking water from (record the stand number)? <i>Niba ari kuri robine, ni iyihe robine muyavomaho?</i>	__ __	
36. The interviewer to inspect the jerry can and make comments:			
Q4.21	Colour of jerry-can _____		
Q4.22	Jerry-can cover _____		
Q4.23	Stains _____		
Q4.24	Any other _____		

5. Knowledge, attitude and practices

No	Questions	Answers/codes	Skip to
Q5.01	What faecal disposal facilities do you frequently use? <i>Mukoresha ubwiherero bumeze bute?</i> Select ALL that apply	D 1. Pit latrine D 2. Bush (open defecation) D 96. Other, specify _____	
Q5.02	Would you say you always wash your hands before eating? <i>Waba warakarabaga intoki buri gihe mbere yo kurya?</i>	O 1. Always O 2. Most of the times O 3. Sometimes O 4. Never	
Q5.03	Would you say you always wash your hands after coming from the latrine? <i>Waba warakarabaga intoki buri gihe uko uvuye mu bwiherero(akazu ka surwume?)</i>	O 1. Always O 2. Most of the times O 3. Sometimes O 4. Never	
Q5.04	Do you currently wash hands before eating? <i>Ubu ngubu ukaraba intoki mbere yo kurya</i>	O 1. Yes O 2. No	2 → Q5.06
Q5.05	If yes, how often <i>Niba ari yego, ni inshuro zingahe ukaraba mbere yo kurya?</i>	O 1. Always O 2. Most of the times O 3. Sometimes O 4. Never	
Q5.06	Do you currently wash your hands after coming from the toilet? <i>Ubu ngubu ujya ukaraba intoki iyo uvuye ku musarani(akazu ka surwumwe)</i>	O 1. Yes O 2. No	2 → Q5.09
Q5.07	If yes, how often <i>Niba ari yego, inshuro zingahe ukaraba uvuye ku musarane?</i>	O 1. Always O 2. Most of the times O 3. Sometimes O 4. Never	
Q5.08	If you wash, which of the following do you normally use for hand washing? <i>Mbese iyo ukaraba intoki ukoresha iki?</i>	O 1. Water only O 2. Water with soap O 3. None O 96. Other, specify _____	
Q5.09	Have you ever heard about typhoid fever before this outbreak? <i>Waba warigeze wumva indwara ya tifoyide mber y'uko iyi ndwara yaduka mu nkambi?</i>	O 1. Yes O 2. No	2 → Q5.11
Q5.10	If yes, what were the sources of information? Select ALL that apply <i>Niba ari yego iby'iyi ndwara wabibwiwe n'iki/nan de?</i>	D 1. Ministry of Health/Health workers D 2. Electronic media e.g. TV and radio D 3. Print media (newspapers, posters, leaflets etc) D 4. Community meetings D 96. Other, specify _____	
Q5.11	Did you receive health education regarding typhoid fever in the course of this outbreak? <i>Waba warigeze uhabwa ikiganiro cy'ubuzima ku ndwara ya tifoyide muri iki gihe yateye?</i>	O 1. Yes O 2. No	2 → Q5.13

No	Questions	Answers/codes	Skip to
Q5.12	<p>If yes, what was the source of the information? Select ALL that apply <i>Niba ari yego, icyo kiganiro wacyumviye he?</i></p>	<p>D 1. Health facility staff D 2. House-House Hygiene Promoter D 3. Street campaign D 4. At worshipping place D 5. In the camp school. D 6. Community meetings D 96. Other, specify _____</p>	
Q5.13	<p>Do you know how typhoid fever spreads? <i>Waba uzi uko indwara ta tifoyide yandura?</i></p>	<p>O 1. Yes O 2. No</p>	2 → Q5.15
Q5.14	<p>If yes specify Select ALL that apply <i>Niba ari yego tubwire uburyo yanduriramo</i></p>	<p>D 1. Drinking contaminated water D 2. Eating contaminated food D 3. Eating with dirty hands D 4. Contact between houseflies and food D 5. Contact with vomits or stool D 6. Drinking left over from water fetched more than one day from Camp water point. D 96. Other, specify _____</p>	
Q5.15	<p>Do you know how typhoid fever is prevented? <i>Waba uzi uko birinda indwara ta tifoyide ?</i></p>	<p>O 1. Yes O 2. No</p>	2 → Q5.17
Q5.16	<p>If yes, please state the ways of preventing typhoid fever? Select ALL that apply <i>Niba ari yego, watubwira inzira wakoresha wirinda indwara ya tifoyide?</i></p>	<p>D 1. Drink treated water with chemicals D 2. Drink boiled water D 3. Wash hands with soap before eating D 4. Wash hands before cooking foods D 5. Wash fruits before eating D 6. Cook thoroughly foods D 7. Eat foods while hot D 8. Wash hands after leaving toilet. D 9. Wash and boil vegetables or shellfish before eating D 96. Other, specify _____</p>	
Q5.17	<p>Do you belief in seeking medical assistance when you are sick? <i>Wemere yuko kujya kwa muganga ko kujya kwa muganga ari ngombwa mu gihe urwaye?</i></p>	<p>O 1. Yes O 2. No</p>	
Q5.18	<p>When you fall sick, where do you normally seek for medical assistance? <i>Mbese iyo urwaye ni hehe ushakira ubufasha?</i></p>	<p>O 1. Traditional healers O 2. Orthodox medical care O 3. Faith healing O 96. Other, specify _____</p>	