

COVID-19 Telephone Survey – Round 4:

A. Knowledge, Beliefs, and Behavior

I am now going to ask you some questions about coronavirus and COVID-19. Please answer to the best of your ability. Answers are confidential. We will provide you with information at the end of the survey.

1. WHO_8_modified: Who do you think is more likely to die from a coronavirus infection? I am going to make statements comparing different types of people. Tell me who you think is more likely to die or say “same” if you think there is no difference.
 - 1.1. (numbered 5.7) A 60-year-old man with diabetes and hypertension or 60-year-old man with blindness and hearing loss? (first)
 - 1.2. (numbered 5.2) A healthy 30-year-old adult or a healthy 60-year-old adult? (second)
 - 1.3. (numbered 5.3) A grandparent or their grandchild (first)
 - 1.4. (numbered 5.4) An adult who does not smoke or an adult who does smoke? (second)

2. WHO_10_modified: How is coronavirus spread? I am going to list possible ways that different viruses spread. For each option, say “YES” if you think this is true of coronavirus and say “NO” if you think this is NOT true of coronavirus.
 - 2.1. (numbered 6.2) droplets from the cough of an infected people (yes)
 - 2.2. (numbered 6.5) sexually transmitted (no)
 - 2.3. (numbered 6.7) drinking unclean water (no)
 - 2.4. (numbered 6.6) mosquito bites (no)

3. WHO_11_modified: What are the main symptoms of coronavirus? I am going to list possible symptoms from different viruses (skip “Don’t Know”). For each option, say “YES” if you think this is true of coronavirus and say “NO” if you think this is NOT true of coronavirus.
 - 3.1. (numbered 7.1) Fever (yes)
 - 3.2. (numbered 7.3) Cough and breath difficulties (yes)
 - 3.3. (numbered 7.5) pain with urination (no)
 - 3.4. (numbered 7.6) new loss of taste or smell (yes)

9. We want to ask you about your recent social interactions with $\${contacts_ttl}$ households in your community who are in our study. *(If community leader or prominent individual, the following is asked for a randomly-selected subset of individual study participants in community)*
 - 9.5. Please confirm: Do you know anyone from the household of $\${contacts_headname}$?
Other members include: $\${contacts_hhnames}$.
 - 9.7. IF YES to (9.5), did he/she come closer than 1.5 meters to you or others not of his/her household at any point in the last 14 days?

- 9.8. IF YES to (9.5), did he/she shake hands, try to shake hands, or touch you or others not of his/her household in the last 14 days?
- 9.6. IF YES to (9.5), in general, did he/she appear to be observing the government's recommendations on social distancing (avoid large gatherings and keep at least 1.5 meters distance from people not of his/her household)?
- 9.9. IF YES to (9.5), did he/she appear to be wearing a mask **at all times** when interacting with you or others not of his/her household in the last 14 days?
- 9.10. IF YES to (9.1), did you exchange information about the COVID-19 vaccine?
- 9.11. IF YES to (9.1), do you think this person would want to get the vaccine if it's free and a doctor visits their home a) yes; b) no?
- 9.12. IF YES to (9.11), do you think this person will get the COVID-19 vaccine as soon as possible? a) yes; b) no
- 9.13. IF YES to (9.1), how confident are you in your last response? (1=Not Confident At All, 2=A Little Confident, 3=Mostly Confident, 4=Completely Confident, -88= did not know previous question, -99= refuse to answer)

B. COVID-19 Vaccine Messaging experiment:

I am now going to read you four messages about the COVID-19 vaccine that you can send to the survey respondent from the household of $\{\text{contacts_headname}\}$. After the vaccine is available, if your message encourages this person to get vaccinated, then we will pay you an extra 50 Mts in a future survey round. You will be asked to choose your first preferred message and your second preferred message. Most of the time, we will share your first preferred message, but some of the time, we may share your second preferred message.

Identity known:

- a. What is your first preferred message to send to the household of $\{\text{contacts_headname}\}$. In this case, they WILL know this message came from you.
- b. What is your second preferred message to send to the household of $\{\text{contacts_headname}\}$. In this case, they WILL know this message came from you.

Identity not known:

- a. What is your first preferred message to send to the household of $\{\text{contacts_headname}\}$. In this case, they will NOT know that this message came from you.
- b. What is your second preferred message to send to the household of $\{\text{contacts_headname}\}$. In this case, they will NOT know that this message came from you.

Final messages:

[*Altruism set:*]

1. Getting vaccinated against COVID-19 helps prevent the most vulnerable in your community from getting sick.
2. Your loved ones need you. Get the COVID-19 vaccine to make sure you can be there for them.
3. Protect a vulnerable loved one, such as your children or grandparents, by getting a COVID-19 vaccine.
4. Getting vaccinated against COVID-19 helps stop the spread of COVID-19 to other communities in Mozambique.

[*Freeriding set:*]

1. You are not safe even if the whole village gets vaccinated unless you protect yourself.
2. Thinking about skipping the COVID-19 vaccine? You're putting your health at risk, even once others are vaccinated.
3. COVID-19 presents a real danger to one's health, even if one is young and healthy. Getting vaccinated against COVID-19 is the best way to prevent oneself from getting sick.

4. Relying on others to get vaccinated to protect you from COVID-19 puts you and your community at a higher risk for a serious COVID-19 outbreak.

[Social Norm set:]

1. If you get vaccinated against COVID-19, you will be respected by the people in your community.
2. Imagine what other people would think if you didn't get vaccinated and spread the COVID-19 virus in your community.
3. If you do NOT vaccinated against COVID-19, you will NOT be respected by the people in your community."
4. Getting vaccinated against COVID-19 is a way to show others that you are a good member of your community.

[Social learning set:]

1. The vaccine is 95% effective against Covid-19 and protects almost 100% against hospitalization due to COVID-19. (link)
2. COVID-19 vaccinations can help protect you by teaching your body to fight the virus without having to experience sickness or putting yourself at risk of severe illness and death. (link)
3. The COVID-19 vaccine was tested with 70,000 people. Now, more than 450 million people have gotten it. When it's your turn, you can feel confident that it is safe and effective. (Link)
4. The COVID-19 vaccine does not contain the coronavirus, so you cannot get COVID-19 from the vaccine. (Link)

C. PREVENTION KNOWLEDGE/BEHAVIOR

10. (Outcome questions on social distancing in general)

- 10.1. Do you support the practice of social distancing to prevent the spread of coronavirus?
- 10.2. For every 10 households in your community, how many do you think support the practice of social distancing to prevent the spread of coronavirus?
- 10.3. In the past 14 days, have you been able to observe the government’s recommendations on social distancing?
- 10.4. For every 10 households in your community, how many do you think have been able to observe the government’s recommendations on social distancing in the past 14 days?
- 10.5. If the leader(s) in your community provided you health advice pertaining to the COVID-19 vaccine, how confident are you that this would influence your behavior? (same scale as 10.4)

We want to collect information on knowledge and behaviors related to coronavirus. I am going to list possible actions. For each action, I will ask:

Social Distancing (SD) Actions

- 11. Will this action prevent spreading coronavirus to yourself and others? (YES or NO or DON’T KNOW or NO ANSWER GIVEN)
- 12. Is this something your household has been doing for the last seven days? (YES or NO)

1	T	
2	T	
3	F	Shop in crowded areas like informal markets
4	F	Gather with several friends
5	T	Help the elderly avoid close contact with other people, including children
6	T	
7	T	
8	F	
9	T	If show symptoms of coronavirus, immediately inform my household and avoid people
10	F	Drinking alcohol in bars
11	T	Wear a face covering if showing symptoms of coronavirus
12	T	Instead of meeting in person, call on the phone or send text message
13	F	Allow children to build immunity by playing with children from other households
14	T	

Household Prevention (HP) Actions

13. Will this action prevent spreading coronavirus to yourself and others? (YES or NO or DON'T KNOW or NO ANSWER GIVEN)
14. Is this something your household has been doing for the last seven days? (YES or NO).

1	T	
2	F	
3	T	
4	F	Drinking hot tea
5	T	Open the windows to increase air circulation
6	T	Wear a face covering in public when you are healthy
7	F	Eat foods with lemons or garlic or pepper
8	T	
9	F	Drink only treated water
10	F	
11	T	
12	F	
13	F	Spray alcohol and chlorine all over your body
14	T	Avoid close contact with anyone who has a fever and cough
15	T	Avoid taking taxi-bicycle or taxi-mota to go out
16	F	

26. Do you think you or someone in your household will get sick from coronavirus during the next 3 months (it's unlikely that I or someone in my household will get sick; it's somewhat likely that I or someone in my household will get sick; it's quite likely that I or someone in my household will get sick)?
26. For every 10 people in your community, how many do you think would get sick from coronavirus in the next three months? (0-10)

C. COVID Screening Questions

I am now going to ask you some questions used to see if people exhibit some of the coronavirus disease symptoms. Please answer to the best of your ability. Answers are confidential.

1. Since March 2020, do you think you or anyone in your household has had coronavirus?
 - 1.1. If yes, have you or anyone in your household tested positive for coronavirus?
2. Since March 2020, do you think you or anyone in your household has had coronavirus?
 - 2.1. If yes, have you or anyone in your household tested positive for coronavirus?
3. Since March 2020, has anyone in your household had a serious illness?
 - 3.1. If yes, is the serious illness COVID-19?
 - 3.2. If yes, did the serious illness include symptoms like fever, cough, loss of taste or smell, or shortness of breath?
4. Since March 2020, has anyone in your household passed away?
 - 4.1. If yes, was it due to complications pertaining to the covid-19 virus? If yes:
 ENUMERATOR: I am sorry to hear that.
5. Since March 2020, have you or anyone in your household been in contact with anyone who has tested positive for COVID-19?
6. Outside of your household, how many people do you know who have gotten COVID-19?
 (Dropdown menu)
4. Are you concerned about contracting COVID? (Y/N)

D. Vaccine Questions

I am now going to ask you some questions about the COVID-19 vaccine.

1. If a vaccine for COVID-19 was available free of monetary cost at your district’s hospital, would you go and take a vaccine in the next {week/month/year}? (yes, no)
 - a. If we asked the same question to your 10 closest family members and friends, how many do you think would say they would take the vaccine?
 - b. If we asked the same question to 10 adults in your community, how many do you think would say they would take the vaccine?
 - c. If we asked the same question to 10 adults in Mozambique, how many do you think would say they would take the vaccine?
2. In your opinion, should adults get vaccinated for COVID-19?
 - a. If we asked the same question to your 10 closest family members and friends, how many do you think would say that adults should get vaccinated?
 - b. If we asked the same question to 10 adults in your community, how many do you think would say that adults should get vaccinated?
 - c. If we asked the same question to 10 adults in Mozambique, how many do you think would say that adults should get vaccinated?
3. In your opinion, should children get vaccinated for COVID-19 after the government says that a safe vaccine for children is available?
4. Assume the vaccine becomes available free of monetary cost at your district’s hospital. Would you go and take the vaccine under the following circumstances in the next {week/month/year}?
 - a. Xmt is provided to help travel to the district hospital
 - b. X-low out of 10 people among your closest family and friends got the vaccine
 - c. X-med out of 10 people among your closest family and friends got the vaccine
 - d. X-high out of 10 people among your closest family and friends got the vaccine
 - e. X-low out of 10 people in your community got the vaccine
 - f. X-med out of 10 people in your community got the vaccine
 - g. X-high out of 10 people in your community got the vaccine
 - h. X-low out of 10 people in Mozambique got the vaccine
 - i. X-med out of 10 people in Mozambique got the vaccine
 - j. X-high out of 10 people in Mozambique got the vaccine
 - k. The vaccine is offered free of monetary cost and was brought to your household by a community health worker
5. Imagine that you are not vaccinated against COVID-19. For the following statements, tell me if you strongly agree, agree, disagree, strongly disagree or have no opinion::
 - a. If \${number_people_amount_low} out of every 10 people in my community are fully vaccinated against COVID-19 I am likely to contract COVID-19 in the next 30 days.
 - b. If \${number_people_amount_med} out of every 10 people in my community are fully vaccinated against COVID-19 I am likely to contract COVID-19 in the next 30 days.
 - c. If \${number_people_amount_high} out of every 10 people in my community are fully vaccinated against COVID-19 I am likely to contract COVID-19 in the next 30 days.

6. For the following two scenarios, tell me whether or not you would get the COVID-19 vaccine:
 - a. Imagine there is a way to reduce your own risk for illness from COVID-19, but you could still transmit COVID-19 to others. Would you adopt this method?
 - b. Imagine there is a way to reduce the risk that you transmit Covid-19 to others, but you could still contract COVID-19. Would you adopt this method?
7. Is there anything that makes you hesitant to take the COVID-19 vaccine? (Y/N)
8. If YES: Please list as many concerns as you have. (Enumerator: please select those that fit best with the respondents answer but do NOT read these out loud.)
 - Won't be accessible to you (need to travel a long distance to receive the vaccine)
 - Plan to wait and see if it is safe and may get it later
 - Plan to use other precautions instead (masks, etc)
 - Don't like vaccines
 - Not at risk for contracting COVID
 - Don't like needles
 - Did not know about it
 - I don't think COVID-19 exists
 - I think the vaccine was made to harm us
 - I am afraid of the side effects of the vaccine
 - I already had COVID-19, so I think I am immune to the disease
 - The COVID-19 pandemic ended in my province, so there is no need for a vaccine now.
 - The Covid vaccine is the sign of the beast mentioned in the Bible!
 - The Covid-19 pandemic is mostly dangerous to the white people. Being so, why are the "Africans being forced to take the vaccines.
 - Several rich countries are suspending the administration of some bad vaccines and they are offering these vaccines to the African countries.
 - a. Other:
9. Relative to others in your community, do you consider yourself less likely, more likely, or just as likely as others to contract COVID-19?
10. Relative to others in your community, do you consider yourself less likely, more likely, or just as likely as others to be hospitalized because of a COVID-19 infection?
11. Relative to others in your community, do you consider yourself less likely, more likely, or just as likely as others to die of a COVID-19 infection?

E. Schooling Questions

Now I would like to ask you some questions about [name] and what [name] did when school were closed during the 2020 school year due to the COVID pandemic.

1. In a typical weekday when the schools were closed due to the COVID pandemic, on which of the following activities did the children in your household spend most time?
 - a. studying/learning?
 - b. Helping with household chores, farming, or business?
 - c. Working outside of the household?
 - d. Playing
2. Have you, the children or other adult in your household been in contact with a teacher or principal during the school closure.? (Yes, no, don't know, refuse to answer)
 - a. If yes, how often?
 - b. If yes; how were you or someone in your household in contact with your teacher(s) or principal(s)?
 - i. SMS
 - ii. WhatsApp
 - iii. Online or social media applications
 - iv. Phone
 - v. In person

Now I would like to ask you some questions about $\{child_name\}$ and their schooling.

3. Did $\{child_name\}$ attend school in February 2020?
4. Was there someone who helped $\{child_name\}$ study/learn during the school closure?
 - a. If yes, who?
 - i. Teacher of the child at school;
 - ii. Family members in the household (select which one);
 - iii. Other friends or relatives from outside of the household;
 - iv. Other
5. Is [name] back to studying at school in person now?
 - b. If yes, which grade does [name] attend at school now?
 - c. If yes, when did [name] first attended school in person this year?
 - d. If yes, how many days did [name] go to school last week?
 - e. If no, does [name] plan to go back to study at school?
 - i. When do you expect [name] will go to school?

F. Food Security Questions

We would now like to ask you some questions about access to food in your household.

1. In the past 7 days, was there a lack of food in your household due to a lack of resources to purchase food? (Yes No)
 - 1.1. IF YES, how many days did your household lack food in the last 7 days?
2. In the past 7 days, have you or any household member experienced any of the following cases? [Select all that apply]
 - 2.1. Difficulties in going to food markets due to mobility restrictions imposed by government
 - 2.2. Difficulties in buying food due to most food markets being closed
 - 2.3. Unable to buy the amount of food we usually buy because of shortages in markets
 - 2.4. Unable to buy the amount of food we usually buy because the price of food was too high
 - 2.5. Unable to buy the amount of food we usually buy because our household income has dropped
 - 2.6. Had to reduce the number of meals and/or the portion of each meal we would usually eat

G. Agriculture (Sofala and Manica ONLY)

We would now like to ask you about the land your household has available for farming

3. Do you or anyone in your household cultivate any land or own any land used for agricultural activities?
 - 3.1. Quantity: (Units (Hectare, Foro, Soccer Field, Square Meters))
4. IF YES to 3, what was the total area the household had available for farming in the season after Cyclone Idai?
 - 4.1. Quantity: Unit
5. IF YES to 3, how much of that area is your own property (not leased or rented)?
6. IF YES to 3, What was the total area the household had available for farming in the season after Cyclone Idai (in meters squared)?
 - 6.1. Quantity: Unit
7. What was the total area farmed by the household in the seasons leading up to Cyclone Idai (in meters squared)?
8. Did Cyclone Idai destroy any of your land (mudslides; rivers changing course, etc.)?
9. Did Cyclone Idai destroy any agricultural tools or implements?
 - 9.1. If YES, which tools? (1=Plough, 2=Hoes, 3=Grinder, 4=Ox, 5=Mules)

10. IF YES to 3: Did you or anyone in your household plant any crops during the 2020/21 rainy season?
11. IF YES to 3 and 9: What was your most important crop that was planted during the 2020/21 rainy season?
 - 11.1. Have you started to harvest this crop?
 - 11.2. Have you finished harvesting this crop?
12. If YES to 3 and 9: How do you expect this year's harvest to compare to last year's (2020) harvest? (1=Better, 0=About the same, -1=Worse)

We would like to ask you about your most important crop during the season that Cyclone Idai landed.

13. Before Cyclone Idai, what was your expected output in kilograms?
14. What was your actual output in kilograms after Cyclone Idai?
15. Besides your most important crop, did you suffer any other crop losses?
 - 15.1. IF YES, which crops? (1=Maize, 2=Cassava, 3=Rice, Other)
16. Did you lose any stored crop during Cyclone Idai?

H. Cyclone Eloise and Gaumbe Questions (Sofala and Manica ONLY)

Now I would like to ask you some questions about cyclone Gaumbe and Eloise.

1. Has your household been seriously affected by either of the cyclones that have happened since the new year (Gaumbe or Eloise)?
 - a. IF YES follow this series of questions:
 - i. What losses did your household suffer due to Cyclone Eloise or Cyclone Gaumbe? [Should provide the same list of possible losses as in the Wave 2 survey about cyclone Idai.]
 - ii. Did your household receive cash, goods, or services that you do not have to repay to help you cope with the losses in cyclone Eloise or cyclone Gaumbe?
 - iii. From whom did you receive the help?
 - iv. At any time before, during, or after the cyclone, did your family evacuate from home because the home was, or was expected to be, unsafe or uninhabitable?

I. ISIS Insurgency (Zambezia ONLY)

Now I would like to ask you some questions about you the ISIS insurgency in Cabo Delgado Province

1. Are you aware of the insurgency by ISIS in the Cabo Delgado Province? (Yes, No)
2. (If Yes) Have you experienced any disruptions as a result of displaced peoples or insurgents crossing over into Zambezia (select all that apply)?
 - Crowding at the market
 - Taking in displaced peoples
 - Threats of violence by the insurgents in your community
 - Uneasy feeling about allowing children to attend school
 - Fear that this is spreading COVID-19 in my community
 - Other disruptions (please specify)

J. Individual Demographic Information

1. Sex: (Male, Female)
2. Age now: (0 to 110)
3. Do you have any of the following pre-existing conditions? Select all that apply:
 - a. Chronic lung diseases (ex: asthma, cystic fibrosis, hypertension, chronic bronchitis, scarred lung tissue)
 - b. Heart conditions (ex: heart failure, hypertension, coronary artery disease)
 - c. HIV or AIDS disease
 - d. Pregnant
 - e. other

K. Household Information

1. LS05: Last week, what was your total weekly income? (0, 0-1000, 1000-2000, 2000-3000, 3000-5000, More than 5000, don't know, refuse to answer) (hh3)
 - Enumerator: Write the exact amount if more than zero. __ Mts (hh3_amt)

Employment

1. Prior to Cyclone Idai, did your household have members who were employed outside the household? If YES:
 - 1.1. Approximately how much were you as a household making in a typical month?
 - 1.2. Approximately how many months after the cyclone did it take for employment earnings to return to normal?

Business

2. Prior to Cyclone Idai, did your household own any businesses? If YES:
 - 2.1. Approximately how much did the businesses earn in typical month?
 - 2.2. Approximately how long after Cyclone Idai did it take for business earnings to return to normal?
3. Did the household lose any business assets due to cyclone Idai?
 - 3.1. If YES, What items were lost?

Asset Index:

Repeat: For each asset X selected in $\{g_asset\}$, answer question $g_assetct$:

2. $g_assetct$ How many X does your household own?

- 10 Beds
- 11 Table
- 12 Mobile Phone
- 4 Radio
- 5 Television
- 3 Bike

- 2 Motorbike
- 1 Car
- 9 Iron machine
- 8 Freezer
- 7 Fridge
- 6 Sewing machine
- 13 Clock (wall, wrist, or pocket)
- 14 Solar panel

FOR EVERYONE:

Today you will receive 100Mts for completing our survey.

1. Are you able to accept payment as an MPesa transfer?
2. How would you like to see your payment?
 1. Mpesa transfer
 2. Airtime recharge

Thank you for your participation in our survey!