COVID-19 Telephone Survey – Round 1:

Knowledge, Beliefs and Behaviors:

1. Have you ever heard of the new coronavirus disease called COVID-19? Yes or No

2. Question removed

   Let me help remind you. A new type of coronavirus is currently spreading quickly around the world. When infected with this new coronavirus, it causes a disease called COVID-19.

3. WHO_5: Where did you hear about the new coronavirus from? For each source, say "YES" if you heard about the new coronavirus from the source, and "NO" if not.
   - 3.1. Radio
   - 3.2. TV
   - 3.3. ATM screen messages
   - 3.4. Vodacom, TMCEL or Movitel SMS messages
   - 3.5. WhatsApp
   - 3.6. Facebook or Facebook Messenger
   - 3.7. family members
   - 3.8. friends
   - 3.9. health workers
   - 3.10. community nonprofit/NGO
   - 3.11. community leaders
   - 3.12. religious leaders
   - 3.13. traditional healers or midwives
   - 3.14. other: _____

4. WHO_6_modified: Of those sources you selected, which do you trust the most to receive information related to coronavirus? Select one response.

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.

5. WHO_8_modified: Who do you think is more likely to <u>die</u> from a coronavirus infection?[1] I am going to make statements comparing different types of people. Tell me who you think is <u>more likely</u> to die, or say "same" if you think there is no difference.
   - 5.1. A healthy 30-year-old adult or a healthy 5-year-old child? (first)
   - 5.2. A healthy 30-year-old adult or a healthy 60-year-old adult? (second)
   - 5.3. A grandparent or their grandchild (first)
   - 5.4. An adult who does not smoke or an adult who does smoke? (second)
   - 5.5. A healthy farmer or a healthy health worker? (second)
   - 5.6. A healthy black adult or a healthy white adult? (same)

[1] Surveys before July 15th were asked this question: Who do you think is more likely to <u>get sick</u> from coronavirus? I am going to make statements comparing different types of people. Tell me who you think is <u>more likely</u> to get sick, or say "same" if you think there is no difference

6. 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.
    6.1. blood transfusion (no)
    6.2. droplets from infected people (yes)
    6.3. direct contact with infected people (yes)
    6.4. touching contaminated objects/surfaces/food (yes)
    6.5. sexually transmitted (no)
    6.6. mosquito bites (no)
    6.7. drinking unclean water (no)
    6.8. second-hand clothing (no)

7. 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.
    7.1. Fever (yes)
    7.2. Cough (yes)
    7.3. Shortness of breath and breathing difficulties (yes)
    7.4. Hearing loss (no)
    7.5. Pain with urination (no)
    7.6. New loss of taste or smell (yes)
    7.7. Blindness (no)

8. *IN ROUND 1, QUESTION REPLACED with HP16 and Q8.1 below:* Is there a vaccine or cure for COVID-19, the disease caused by the new coronavirus? (No)

9. We want to ask you about you and your household's contact with friends and neighbors who are also in our study. (*For piloting purposes – only asked for a maximum of social network contact at baseline and then closest geographic neighbors with a reported telephone number)*
    9.1. Please confirm: Do you know anyone from the household of ${contacts_hhead}? Other members include: ${contacts_hhnames}.
    9.2. IF YES to (9.1), have you talked to anyone from that household in the last 14 days?
    9.3. If YES to (9.2), did you exchange information about coronavirus?
    9.4. If YES to (9.2), did you exchange information on social distancing or preventative behaviors?
    9.5. IF YES to (9.1), have you seen anyone from that household in the last 14 days?
    9.7. IF YES to (9.5), did he/she come closer than 1.5 meters to you 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 otherwise touch you in the last 14 days?
    9.6 IF YES to (9.5), 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 outside their household)?[2]

[2] Surveys dated before July 15th had the last three questions in this order:
9.6 IF YES to (9.5), 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 outside their household)?
9.7 IF YES to (9.5), did you stand within 1.5 meters of him/her in the last 14 days?
9.8 IF YES to (9.5), did you shake hands or otherwise touch him/her in the last 14 days?

10. *IN ROUND 1, QUESTION MOVED to the Household Section:* To the best of your knowledge, have children under 18 years from your household played with children from other households in the last 14 days? (YES, NO, NO CHILDREN IN HOUSEHOLD)
    10.1. IF YES, how many days out of the last 14 did your children under 18 years play with children from other households?

PREVENTION KNOWLEDGE/BEHAVIOR:

11. For the following statements, tell me if you strongly agree, agree, disagree, strongly disagree or have no opinion:
    11.1. There are actions you can take to protect yourself from becoming sick with coronavirus or prevent spreading it to others.
    11.2. There is nothing I can do to prevent the spread of the disease or protect myself from getting sick.
    11.3. It is important to take actions to prevent the spread of coronavirus.
    11.4. My neighbors consider it important to take actions to prevent the spread of coronavirus.

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. 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)

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 the following questions:

12. Will this action prevent spreading coronavirus to yourself and others? (YES or NO or DON'T KNOW or NO ANSWER GIVEN)
13. 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)
14. Is this something your household has been doing for the last seven days? (YES or NO)
15. Is this something you think people should be doing? (YES or NO)
16. For every 10 households in your community, how many would support this action?

1	T	Cover your mouth and nose when coughing or sneezing
2	T	Keep a distance of at least 1.5 meters from people outside of my household
3	F	Shop in crowded areas like informal markets

4	F	Meet up with friends
5	T	Help the elderly avoid close contact with other people, including children
6	T	Refuse to shake hands if required to greet someone
7	T	Avoid attending social gatherings of any size
8	F	Driving a taxi-mota or taxi-bicycle to carry passengers
9	T	If show symptoms of coronavirus, immediately inform my household and avoid people
10	F	Drinking alcohol in Barracas
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	Stay in the household area at all times

Household Prevention (HP) Actions

12. Will this action prevent spreading coronavirus to yourself and others? (YES or NO or DON'T KNOW or NO ANSWER GIVEN) (hp12 in SurveyCTO).
13. If answer YES or NO: How confident are you in your last response? (1=Not Confident At All, 2=A Little Confident, 3=Mostly Confident, 4=Completely Confident) (hp13 in SurveyCTO).
14. Is this something your household has been doing for the last seven days? (YES or NO). (hp14 in SurveyCTO).

1	T	Avoid buying food in the road (espetos, roasted corn)
2	F	Take medicine given for a different illness
3	T	Wash your hands regularly using soap and water
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	If show symptoms of coronavirus, immediately go to the nearest clinic
9	F	Drink only treated water
10	F	Sleep under the mosquito net
11	T	Wash and cook food well
12	F	Keep eucalyptus or neem leaves in the household
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	Take the vaccine. Answer YES if you think there is a vaccine or cure. Answer NO if you think a vaccine or cure does not yet exist.

8.1. *IF YES to hp 16:* You answered that you think there is a vaccine. What is the name of the vaccine?

20. Question Removed

21. As of today, about how many people do you think have tested positive for the coronavirus disease worldwide? In Mozambique? In your province?
    - Between 0 and 10
    - Between 10 and 100
    - Between 100 and 1,000
    - Between 1,000 and a million
    - Between a million and a billion
    - Don't know

22. As of today, about how many people do you think have died of the coronavirus disease worldwide? In Mozambique? In your province?
    - Between 0 and 10
    - Between 10 and 100
    - Between 100 and 1,000
    - Between 1,000 and a million
    - Between a million and a billion
    - Don't know

GOVERNMENT POLICY: I want to ask you now about government policy related to coronavirus. Your answers are confidential. I am going to list possible actions. For each I action, I will ask 2 questions:

23. Question Removed
24. To the best of your knowledge, has the government of Mozambique taken this action already to address coronavirus?

1	T	Order a 14 day home quarantine for all persons who have had direct contact with confirmed cases of COVID-19
2	F	Close all airports
3	T	Suspend religious services and celebrations
4	T	Prohibit eviction of tenants in rental contracts
5	T	Stop issuing entry visa to foreign travelers
6	F	Banning personal travel between provinces
7	T	Require face coverings at funeral ceremonies
8	F	Suspend police enforcement
9	F	Prohibit use of minibuses for public transportation
10	F	Order households to "stay in place" except for only necessary trips
11	T	Ask household to not visit patients infected by COVID-19 at hospitals
12	F	Close government offices not related to health
13	F	Order all citizens to wear face coverings when going out of their homes
14	T	Ban gathering of 20 or more people

15	F	Ask households to stay indoors for three weeks[3]
16	T	Close gymnasiums, play fields and other sports activities in public spaces
17	F	Prohibit funerals for those with coronavirus or COVID-19
18	T	Declare a State of Emergency
19	T	Close bars and nightclubs
20	T	Suspend all public and private schools

25. What do you think would be the answer to the following questions:
    25.1. Do you think you or someone in your household will get sick from coronavirus?
    25.2. For every 10 people in your community, how many do you think would get sick from coronavirus?

26. Imagine that the government of Mozambique asked people to not leave their homes for three weeks, and no one obeyed or made any changes to their behavior. Then what do you think would be the answer to the following questions:
    26.1. Do you think you or someone in your household will get sick from coronavirus?
    26.2. For every 10 people in your community, how many do you think would get sick from coronavirus?

27. Imagine that the government of Mozambique asked people to not leave their homes for three weeks, and everyone obeyed. Then what do you think would be the answer to the following questions:
    27.1. Do you think you or someone in your household will get sick from coronavirus?
    27.2. For every 10 people in your community, how many do you think would get sick from coronavirus?

28. *IN ROUND 1, QUESTION MOVED to the Household Section:* If the government of Mozambique asked you to not leave your home for three weeks, would you be able to do it? Please answer honestly. Answers are confidential.

29. This and subsequent questions removed from Round 1

Household Questions:

1. If the government of Mozambique asked you to not leave your home for three weeks, would you be able to do it? Please answer honestly. Answers are confidential. (originally c28)

2. Is anyone in your household older than 60 years old?

3. LS04: In a typical week in February 2020, what was your total weekly income? __ Mts (0, 0-1000, 1000-2000, 2000-3000, 3000-5000, More than 5000, don't know, refuse to answer)

[3] Portuguese translation roughly translates to "stay at home for three weeks". Note: this is a poor question and should be excluded from or revised for Round 2.

- Enumerator: Write the amount if more than zero. __ Mts

4. 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)

    - Enumerator: Write the amount if more than zero. __ Mts

5. To the best of your knowledge, have children under 18 years from your household played with children from other households in the last 14 days? (YES, NO, NO CHILDREN IN HOUSEHOLD) (Originally question 10).

    5.1. How many days out of the last 14 did your children under 18 years play with children from other households? (Originally question 10_1).

Food Security Questions:

Now I want to ask you what your household's food situation in the last 7 days (may vary between 7 and 30 days depending on timing of repeated surveys).

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

Validated Altruism (Round 1):

For your participation in today's survey, we would like to give you 100 Meticais. In the next section, I will describe a charitable cause. If you choose, you can also donate some of your 100 Meticais to a charitable cause.

We are conducting about 3,000 phone surveys from households in Sofala, Manica and Zambezia provinces. From past surveys, we know which households are the poorest households. You may or may not be one of these households. We know that poor households may be more affected by coronavirus because they have less income to pay for medical expenses and smaller supplies of food. Therefore, we want to give the poorest households additional money to help cope with the coronavirus crisis.

If you choose, you can donate some of your 100 Meticais to a poor household. The donations we collect will go to the poorest households first. You can choose to give your money at the national level or community level. If you give at the national level, your money will help the poorest survey households from Sofala, Manica and Zambezia. If you give at the community level, your money will help the poorest survey households in your community—maybe even one of your neighbors—which may or may not be one of the poorest household at the national level. Either way, your donation will be anonymous—no one will know whether you give at the national or community level or how much money you give, even if that amount is zero.

1. You received 100 Meticais today. Would you like to donate some of this money to a poor household at high risk of being affected by coronavirus?

2. IF YES, how much money would you like to donate at the national level?

3. IF YES, how much money would you like to donate at the community level?

4. Confirm: If you donate A at the national level and B at the community level, then you will receive (100-A-B) for your participation today instead of 100. Is that what you wanted? IF NO, repeat questions 2 & 3.

Thank you!

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. Have you or anyone in your household tested positive for coronavirus in the last 14 days (two weeks)?

2. Question removed from Round 1

3. Question removed from Round 1

4. Have you or anyone in your household been in contact with anyone who has tested positive for coronavirus?

5. Have you or anyone in your household had fever, cough or shortness of breath in last 14 days (two weeks)?

6. In the last day, has you or anyone in your household have the following conditions:

    6.1. fever (38º degrees celsius or greater)?
    6.2. new or worsening cough or shortness of breath?
    6.3. new or worsening sore throat?
    6.4. new or worsening diarrhea?
    6.5. new or worsening headache
    6.6. new or worsening muscle pain
    6.7. loss of sense of smell or taste

Public Health Text:

I want to conclude our survey today with some important health facts approved by the Mozambican Ministry of Health.

“Coronavirus is a virus that causes infections similar to the common flu and can cause severe respiratory illness like pneumonia. It is transmitted from a person with the disease to another through droplets of saliva in a cough or sneeze, or on contaminated objects and surfaces. The incubation period is 2 to 14 days, so a person can have and transmit coronavirus before showing any symptoms. The main symptoms of coronavirus are fever, cough, muscular pains, and difficulty breathing. To prevent getting coronavirus, you should wash your hands with soap and water, wash and cook food well, and open your windows to get greater air circulation. Whenever you cough or sneeze, cover your mouth with the arm bent “V”-shaped and then wash your hands with soap. If you have traveled recently to countries with cases of coronavirus OR think you may have the disease, avoid direct contact with other people and at first sign of fever, constipation or cough call Alô Vida at 84146 for Vodacom, at 82149 for TMCEL, or call PENSA at *660#. Please help prevent the spread of coronavirus!”

Thank you for your participation in our survey!