

Questionnaire - Umalulu Study 2025

Questionnaire on Environment in Umalulu Village:
335 houses will be surveyed and each Head of the Family will be interviewed

A. Demographic Data:

Name of Head of Family:

Date of Birth:

Gender:

1. How many people live in your house?

- 1-2 people
- 3-5 people
- More than 5 people

2. Are there any children under 5 years old?

- Yes, how many?
- 1
- 2-3
- More than 3
- No

3. Educational Levels of the Head of the Family:

- No School
- Elementary School
- Junior High School
- High School
- University

4. What is the main livelihood of the Head of Family?

- Agriculture
- Animal Husbandry
- Fishery
- Others, Name it!

5. How far is the nearest clean water source from this house?

- Less than 100 meters
- 100-500 meters
- More than 500 meters

6. Does this house have access to electricity?

- Yes
- No

7. Does this house have access to a mobile phone network (signal)?

- Yes
- No

B. Condition of Residence and Environment

1. House type:

- Wood
- Bamboo
- Concrete
- Others, Name it!

2. Does this house have windows?

- Yes, with curtains
- Yes, without curtains
- No

3. How is the ventilation of this house?

- Not good
- A little good
- Quite good
- Good
- Very good

4. Are there puddles of water around this house?

- Yes, if any, state the form of a puddle
- Livestock puddles
- Rainwater puddles
- Fish ponds
- Small lakes
- Water sources
- Bathroom waste puddles
- Others, Name it!
- None

5. Does this house have a water tank?

- Yes, state the condition of the water tank:
- Closed
- Open
- Clean
- Dirty
- Airtight
- Poorly maintained
- Others, Name it!
- No

6. When are mosquitoes often seen around this house?

- Morning
- Afternoon
- Evening
- Night

7. Do you know where mosquitoes breed around your house?

- Yes
- No

C. Residual Insecticide Spraying (IRS)

1. Has your house ever been sprayed for Malaria mosquitoes?

- Yes, done by:
- Government health team
- NGO
- Others, Name it!
- Never

2. When was the last time this house was sprayed?

- Less than 3 months ago
- 3-6 months ago
- More than 6 months ago

D. Use of Mosquito Nets

1. How many sleeping groups are there in this house?

2. Does each sleeping group use anti-malaria mosquito nets?

- Use
- Do not use
- Use, but not all, specify...

3. Since when have you been using anti-malaria mosquito nets?

- Less than 6 months
- 6 months - 1 year
- More than 1 year

4. Do you wash these mosquito nets regularly?

- Yes, when was the last time it was washed?
- Less than 1 month ago
- 1-3 months ago
- More than 3 months ago
- No

5. Do you know how to wash this mosquito net?

- Yes, Explain the process!
- Don't know

E. Defecation Habits and Sanitation

1. Where do residents of this house usually defecate?

- Private toilet
- Public toilet
- In the garden or grass hole

2. If in the garden or grass hole, are you aware of the risks of this habit?

- Yes, I'm aware
- No, I'm not

3. What risks are you aware of? (Select all that apply)

- Personal health risks
- Spread of disease in the surrounding environment
- Negative impact on the environment

4. Does the toilet in your house have a septic tank?

- Yes, I Have
- No, I Don't have
- I Don't know

5. If you have a toilet, what is the condition of your toilet in your opinion (scale 1-5)? (rate based on Indonesia Ministry of Health Health Standard)

- 1 (Very bad)
- 2 (Quite Bad)
- 3 (Quite good)
- 4 (Good)
- 5 (Very good)

Questionnaire regarding Malaria Education/Knowledge in Umalulu Village:

335 houses will be surveyed and each Head of the Family will be interviewed

A. Demographic Data:

Name of Head of Family:

Date of Birth:

Gender:

1. Your Education Level:

- Unschooled
- Elementary School
- Junior High School
- High School
- University

2. What is your main source of livelihood?

- Agriculture
- Livestock
- Fishery
- Others, Name it!

3. How far is the nearest clean drinking water source from your house?

- Less than 100 meters
- 100-500 meters
- More than 500 meters

4. Do you have access to electricity?

- Yes
- No

5. Do you have access to a mobile phone network (signal)?

- Yes
- No

6. Does this house have access to electricity?

- Yes
- No

7. Does this house have access to a mobile phone network (signal)?

- Yes
- No

B. Knowledge and Perception of Malaria

1. Do you know how malaria spreads?

- Yes, I know (if the answers is YES, Respondent must explain)
- No, I do not know

Do you know the symptoms of malaria?

- Yes, I know (if the answers is YES, Respondent must answers next question)
- No, I do not know

Mention the symptoms of malaria that you know? (can be more than one)

- High fever
- Shivering and sweating
- Nausea and Vomiting
- Headache
- Muscle pain
- Easily tired and weak
- Others....

Do you know the trend of malaria cases in the last few years?

- Higher cases
- Same number of cases
- Lower cases

C. Experience with Malaria

1. Have you ever had malaria?

- Yes, I had
- No, I have not
- I'm not sure

2. If the previous question is YES, when did it happen? (Month & Year)

Exp.:

- January, 2025
- Etc..

3. If the previous question is YES, how many times in the last 12 months?

- 1 time
- 2-3 times
- More than 3 times

4. Did you take a test to diagnose that you were malaria-positive?

- Yes
- No

5. If the previous question is YES, Where were you diagnosed with Malaria?

- Health center
- Hospital
- Traditional medicine
- In the community around your house

6. Did you receive treatment?

- Yes, with prescription drugs from a health facility
- Yes, with traditional medicine
- No

D. Access to Treatment and Costs

1. Where do you find medical care when sick?

- Nearest health center
- Regional hospital
- Nearest health clinic
- Traditional medicine
- Self-medication

2. Do you have a National Health Insurance card or Free National Health Insurance (KIS)?

- Yes, I have BPJS
- Yes, I have KIS
- No, I do not have

3. How far is the nearest health center or clinic from your home?

- Less than 1 km
- 1-5 km
- More than 5 km

4. How long does it take you to get to the health center?

- Less than 15 minutes
- 15-30 minutes
- More than 30 minutes

5. How do you get to the health center?

- Walking
- Motorcycle
- Car
- Public transport medication if needed?

6. Do you have difficulty access to malaria medication?

- No, I don't
- Sometimes
- Yes, I have

7. What is the average cost of malaria treatment?

- Free
- Less than IDR 50,000
- IDR 50,000 - IDR 100,000
- More than IDR 100,000

8. Do you have enough money to buy mosquito nets or anti-malarial medication if needed?

- Have
- No

E. Impact of Malaria on Daily Life

1. Have you ever missed work/school due to malaria?

- Yes
- No

2. If yes, how many days on average?

- 1-3 days
- 4-7 days
- More than 1 week

3. Has malaria affected your family's income?

- No impact
- Slight impact
- Quite impact
- Very impact

F. Malaria Prevention

1. Do you know how to prevent malaria for yourself and your family?

- Yes, I Know
- No, Don't know
- I'm not sure

2. Can you name some ways to prevent malaria? (You can choose more than one)

- Using mosquito nets
- Using mosquito repellent
- Avoiding stagnant water
- Spraying the house
- Others, please specify....

3. Do you do a lot of activities at night or early morning so that you are more often bitten by mosquitoes?

- Yes
- No

4. Have you ever heard of a malaria prevention campaign in your village?

- Yes
- No