



Ministry of Health Malaysia



QUESTIONNAIRES

ID Number

Days of Outbreak days

Outbreak Location

Thank you for agreeing to participate in this research, which is part of a doctoral research study at the School of Medicine, Health Policy & Practice, Faculty of Health, University of East Anglia, Norwich, England.

In this survey, we would like to find out how much you know about what to do in cases of dengue outbreak and how confident you feel you can carry out behaviors that protect you and your family from dengue fever.

Your views are very important to us. During this interview, the interviewer will read all the questions to you. Please note that there are no right or wrong answers. You are not obliged to complete the questionnaire and may discontinue completing the interview at any time. The interview will last approximately 15 minutes.

Your responses and the data obtained during this interview will be kept strictly confidential and will be used for academic purposes only.

If you have any questions or concerns about this survey or being in the study you may also contact me at 6012-323 1980 or a.isa@uea.ac.uk.

Thank you very much for your participation and kind assistance!

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PART A : RESPONDENT BACKGROUND

INSTRUCTION TO INTERVIEWER : Please tick (✓) the respondent's answer in the provided boxes.

- 1 Gender: Male Female
- 2 D.O.B:
 Day *Month* *Year*
- 3 Race: Malay Chinese Indian Others
- 4 Occupation: Full time Part time
 Housewife Unemployed / Student
- 5 Marital Status: Married Divorcee
 Single Widow / Widower
- 6 Education: University / College Primary School
 Secondary School No formal education
- 7 How many people living in the house?
- 8 How many children <16 years old living in the house?
- 8a** How many children study at Primary school?
- 8b** How many children study at Secondary school?
- 10 Estimate monthly household income? Below RM500
 RM501 - RM1000
 RM1000 - RM2500
 RM2500 and above

FOR RESEARCHER USE

- A1
- A2 .
- A3
- A4
- A5
- A6
- A7
- A8
- A8a
- A8b
- A10

PART B: HEALTH PROMOTION & EDUCATION EXPOSURE

FOR RESEARCHER USE

11 Did you get involved in health promotion activities on dengue within the last 14 days?

Yes No (*proceed to question no 10*)

B11

12 What type of health promotion activities did you get involved within last 14 days?
(*more than one answer possible*):

Public Lecture Small Group Discussion
 Source Reduction Demonstration
 Individual Advice Others: _____

B12

13 How many times did you get involved in above activities within last 14 days?

times

B13

14 Did you receive information on dengue within the last 14 days?

Yes No (*proceed to Part C*)

B14

15 What sources of the information on dengue were you exposed to in the last 14 days?
(*may have more than one answer*):

Public Announcements Printed Media
 Outdoor Media Radio [Local/National]
 TV [Local / National] Newspaper [Local National]

B15

16 How many times were you exposed to the above information within the last 14 days?

times

B16

17 After encountering the health information and promotion on dengue within the last 14 days, how many days did it take you to engage in dengue prevention activities on your own?

day(s)

B17

PART C: KNOWLEDGE ON DENGUE

Intruction to Interviewer: Please read the questions clearly and then tick the answers given by the respondents in the provided boxes.

FOR RESEARCHER USE

18 How is dengue fever transmitted to a person?

- Mosquito bite Airborne Don't know / Others
 Blood transmission Waterborne

C18

19 What is the type of mosquito which that dengue fever?

- Aedes Anopheles Culex Don't know / Others

C19

20 When is usually Aedes active to bite?

- 6am - 8am only 6am - 8am & 7pm - 9pm Other times or don't know

C20

21 What are the signs and symptoms of dengue fever?

- High fever Enlarge lymph nodes Diarrhea
 Chills Deep muscle and joints pain Extreme fatigue
 Headache Loss of appetite Others
 Eye pain Nausea and vomiting

C21

22 What steps do you take to prevent dengue fever transmission during the outbreak?

- Cover tightly all water containers Bury unused tyres, if any.
 Keep drain free from blockage Adding larvacide in water containers
 Change water in plant container Remove water from flower pot trays
 Change water in trays under the fridge Destroy / burn unused containers
 Place all garbage that can accumulate water into closed bin
 Level defective floor surfaces that can collect water, if any.
 Use mosquito repellent and mosquito net when sleeping
 Others (*please specify*)

C22 /

23 What you must do during the biological / chemical prevention activities take place?

- Allow inspection of mosquito larvae inside and outside the house
 Allow the Health Authority to put larvicidals in potentially breeding sites
 Allow the Health Authority to do fogging inside and outside house
 Open house windows during the fogging process
 Others (*please specify*)

C23 /

PART C: KNOWLEDGE ON DENGUE

Intruction to Interviewer: Please read the questions clearly and then tick the answers given by the respondents in the provided boxes.

24 What do you do when you get fever during the dengue outbreak?

- Seek immediate medical attention / treatment
- Use medication as prescribed after seeing the doctor
- Others (*please speficy*)

25 Where you think aedes mosquito usually breeds inside the house?

- In the tray under the fridge In the water container
- In the flower pot trays In the opened water tank
- Others (*please speficy*)

26 Where you think aedes mosquito usually breeds outside the house?

- In the flower leaves In the roof gutter
- In the abandoned tyres In the garbage
- Others (*please speficy*)

FOR RESEARCHER USE

C24 /

C25 /

C26 /

PART D : BEHAVIORAL SELF-EFFICACY

Strength of Self-Efficacy

Instruction: Please rate respondents confidence level in the provided boxes by choosing number 1 to 10 to the statements below according to the following scales.

0	1	2	3	4	5	6	7	8	9	10
<i>Not at all confident</i>			<i>Moderately confident</i>				<i>Extremely confident</i>			

- 27 I can change the water in plant pot trays every week.
- 28 I can clean the drain from blockage every 7 days
- 29 I can always cover tightly all water containers inside and outside house
- 30 I can convince my children to always put all garbage into closed bin
- 31 I can go or bring my family member to see a doctor immediately when I or they fall sick
- 32 I can change the water in the container under the fridge every week
- 33 I can allow health authority to fog and inspect my house at anytime
- 34 I can convince my neighbours to do weekly search and destroy any potential aedes breeding sites outside the house
- 35 I can always put larvacide in all water containers inside my house
- 36 I can always ask my family to sleep in mosquito net every night

FOR RESEARCHER USE	
D27	<input type="checkbox"/>
D28	<input type="checkbox"/>
D29	<input type="checkbox"/>
D30	<input type="checkbox"/>
D31	<input type="checkbox"/>
D32	<input type="checkbox"/>
D33	<input type="checkbox"/>
D34	<input type="checkbox"/>
D35	<input type="checkbox"/>
D36	<input type="checkbox"/>

PART D : BEHAVIORAL SELF-EFFICACY

Level of Self-Efficacy

In this section, a basic scene will be described, and I will ask you three questions. The scene will be repeated two more times, but some details will change each time, making the situation more difficult. For each of the three questions that follow the scenes, you will be asked to rate how confident you are that you could do certain things if you were to find yourself in that situation today. Rate the degree of confidence that you are feeling **RIGHT NOW** by recording a number from 1 to 10 on the scale given after each question.

Scene No 1

There is no dengue outbreak in your village, but one of your family members has high fever. You are pretty busy at work during the weekdays. You still have 10 minutes a week to search and destroy potential aedes breeding sites inside and outside your house. One day, you find a water container that is full of mosquito larvae behind your neighbour's house.

Question 1 (D37)

How confident are you that you could bring up the issue of removing the water container to your neighbour in this situation?

0	1	2	3	4	5	6	7	8	9	10
<i>Not at all confident</i>					<i>Moderately confident</i>					<i>Extremely confident</i>

Question 2 (D38)

How confident are you that you could convince your neighbour to do 10 minutes weekly search and destroy to any potential aedes breeding sites?

0	1	2	3	4	5	6	7	8	9	10
<i>Not at all confident</i>					<i>Moderately confident</i>					<i>Extremely confident</i>

Question 3 (D39)

If your neighbour refused to destroy the container, how confident are you that you report him to the local Health Authority?

0	1	2	3	4	5	6	7	8	9	10
<i>Not at all confident</i>					<i>Moderately confident</i>					<i>Extremely confident</i>

PART D : BEHAVIORAL SELF-EFFICACY

Level of Self-Efficacy

Scene No 2

There is no dengue outbreak in your village, but there is an uncontrolled outbreak at a nearby village with several cases reported. One of your family members also has high fever. You are pretty busy at work during the weekdays. You still have 10 minutes a week to search and destroy to potential aedes breeding sites inside and outside your house. One day, you find a water container that is full of mosquito larvae behind your neighbour's house.

Question 1 (D40)

How confident are you that you could bring up the issue of removing the water container to your neighbour in this situation?

0	1	2	3	4	5	6	7	8	9	10
<i>Not at all confident</i>					<i>Moderately confident</i>					<i>Extremely confident</i>

Question 2 (D41)

How confident are you that you could convince your neighbour to do 10 minutes weekly search and destroy to any potential aedes breeding sites?

0	1	2	3	4	5	6	7	8	9	10
<i>Not at all confident</i>					<i>Moderately confident</i>					<i>Extremely confident</i>

Question 3 (D42)

If your neighbour refused to destroy the container, how confident are you that you report him to the local Health Authority?

0	1	2	3	4	5	6	7	8	9	10
<i>Not at all confident</i>					<i>Moderately confident</i>					<i>Extremely confident</i>

PART D : BEHAVIORAL SELF-EFFICACY

Level of Self-Efficacy

Scene No 3

There is a dengue outbreak in your village with many cases reported and several deaths. One of your family members is also suspected to have dengue fever and has been hospitalised. The outbreak is uncontrolled and prolonged for more than 14 days. You are pretty busy at work during the weekdays. You still have 10 minutes a week to search and destroy potential aedes breeding sites inside and outside your house. One day, you find several water containers with full of mosquito larvae behind several of your neighbour's houses.

Question 1 (D43)

How confident are you that you could bring up the issue of removing the water container to your neighbour in this situation?

0	1	2	3	4	5	6	7	8	9	10
<i>Not at all confident</i>				<i>Moderately confident</i>			<i>Extremely confident</i>			

Question 2 (D44)

How confident are you that you could convince you neighbour to do 10 minutes weekly search and destroy to any potential aedes breeding sites?

0	1	2	3	4	5	6	7	8	9	10
<i>Not at all confident</i>				<i>Moderately confident</i>			<i>Extremely confident</i>			

Question 3 (D45)

If your neighbour refused to destroy the container, how confident are you that you report him to the local Health Authority?

0	1	2	3	4	5	6	7	8	9	10
<i>Not at all confident</i>				<i>Moderately confident</i>			<i>Extremely confident</i>			

