



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

	STRUCTION TO INTERVIEWER: Please tick ($\sqrt{\ }$) the respondent's answer the provided boxes.	FOR RESEARCHER USE
1	Gender: Female	A1 🔲
2	D.O.B: Day Month Year	A2
3	Race: Malay Chinese Indian Others	А3 🔲
4	Occupation: Full time Part time Housewife Unemployed / Student	A4 🔲
5	Married Divorcee	A5
6	Single Widow / Widower Education: University / College Primary School Secondary School No formal education	A6
7	How many people living in the house?	A7
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?	A8 A8a A8b
10	Estimate monthly household income? Below RM500 RM501 - RM1000 RM1000 - RM2500 RM2500 and above	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?	B11
	Yes No (proceed to question no 10)	
12	What type of health promotion activities did you get invloved 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

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PART C:	KNOWL	.EDGE OI	N DENGUE	

<i>Intruction to Interviewer</i> : Please read the questions clearly and then tick the answers given by the respondents in the provided boxes.	FOF	R 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 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 vomitting	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 speficy)	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 larvacidals in potentially breeding sites		
Allow the Health Authority to do fogging inside and outside house		
Open house windows during the fogging process		
Others (please speficy)	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.	FOR RESEARCHER USE
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)	C24 /
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)	C25 /
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)	C26 /

PART D: BEHAVIOR	AL SEL	F-EFFIC	ACY
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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
Not at all	Moderately				Extremely
confident	confident				confident

			FOR	RESEARCHER USE
27	I can change the water in plant pot trays every week.		27	
28	I can clean the drain from blockage every 7 days	D2	28	
29	I can always cover tightly all water containers inside and outside house	D2	29	
30	I can convince my children to always put all garbage into closed bin		30	
31	I can go or bring my family member to see a doctor immediately when I or they fall sick		31	
32	I can change the water in the container under the fridge every week		32	
33	I can allow health authority to fog and inspect my house at anytime		33	
34	I can convince my neighbours to do weekly search and destroy any potential aedes breeding sites outside the house	D3	34	
35	I can always put larvacide in all water containers inside my house	D3	35	
36	I can always ask my family to sleep in mosquito net every night	D3	36	

PART D: BEHAVIORAL SELF-EFFICACY

Level of Self-Efficacy

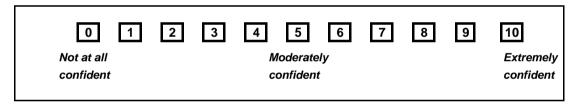
In this section, a basic scene will be described, and I will ask you three questions. The scence will be repeated two more times, but some details will change each time, making the situation more difficult. For each of the three questions that follow the scences, you will be asked to rate how confident 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.

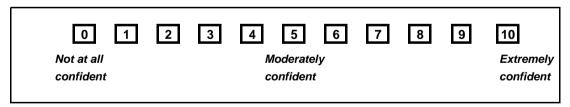
Question 1 (D37)

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



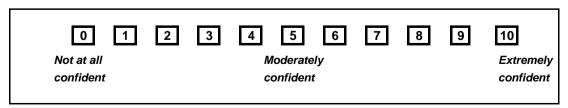
Question 2 (D38)

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



Question 3 (D39)

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



PART D: BEHAVIORAL SELF-EFFICACY

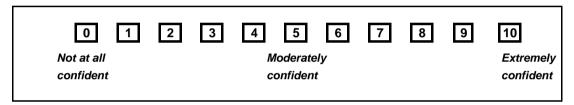
Level of Self-Efficacy

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.

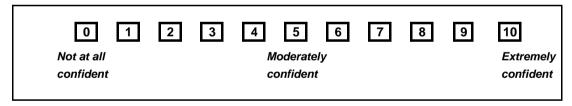
Question 1 (D40)

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



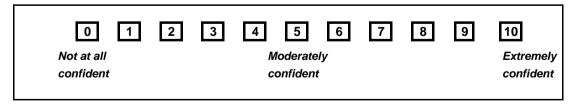
Question 2 (D41)

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



Question 3 (D42)

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



PART D: BEHAVIORAL SELF-EFFICACY

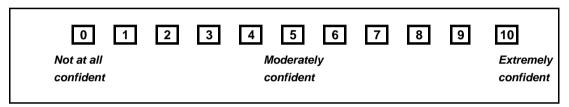
Level of Self-Efficacy

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.

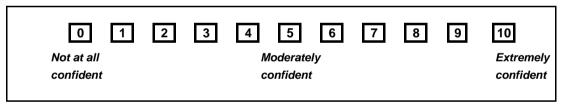
Question 1 (D43)

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



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?



Question 3 (D45)

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

