

**Supplemental Digital Content 4.** Survey questions and responses for general vaccine attitudes, dengue knowledge and arbovirus attitudes compared by dengue/norovirus surveillance study group, September 2016.

	<b>Total</b>	<b>PSS</b>	<b>RAS</b>	<b>P-value<sup>a</sup></b>
	<b>n (%)</b>	<b>n (%)</b>	<b>n (%)</b>	
	<b>N=564</b>	<b>N=179</b>	<b>N=385</b>	
<b>General Vaccine Attitudes</b>				
Do you believe that vaccines can protect children from serious diseases?				0.571
No/Do Not Know	5 (0.9)	1 (0.6)	4 (1)	
Yes	559 (99.1)	178 (99.4)	381 (99.0)	
Do you believe that most parents like you have their children vaccinated with all the recommended vaccines?				0.080
No/Do Not Know	133 (23.6)	34 (19.0)	99 (25.8)	
Yes	431 (76.4)	145 (81.0)	286 (74.2)	
Have you ever been reluctant or hesitant to get a vaccination for your child?				0.060
No/Do Not Know	27 (4.8)	13 (7.3)	14 (3.6)	
Yes				
Have you ever refused a vaccination for your child?				0.159
No/Do Not Know	542 (96.1)	169 (94.4)	371 (96.4)	
Yes	22 (3.9)	10 (5.6)	14 (3.6)	
Has distance, the hours of the clinic, the time needed to get to the clinic or wait at the clinic and/or costs in getting to the				

clinic prevented you from getting your child vaccinated?				0.286
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No/Do Not Know	540 (95.7)	169 (94.4)	371 (96.4)
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Yes	24 (4.3)	10 (5.6)	14 (3.6)
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Are there other pressures in your life that prevent you from getting your child immunized on time?				0.013
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No/Do Not Know	538 (95.4)	165 (92.2)	373 (96.9)
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Yes	26 (4.6)	14 (7.8)	12 (3.1)
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Have you ever purchased a vaccine?				0.605
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No/Do Not Know	545 (96.6)	174 (97.2)	371 (96.4)
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Yes	19 (3.4)	5 (2.8)	14 (3.6)
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## Dengue Knowledge

I am confident I can recognize Dengue.				0.306
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No/Do Not Know	44 (7.8)	17 (9.5)	27 (7.0)
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<b>Yes<sup>b</sup></b>	520 (92.2)	162 (90.5)	358 (93.0)
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How is Dengue usually transmitted?				0.331
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<b>Mosquito</b>	550 (97.5)	172 (96.1)	378 (98.2)
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During Pregnancy	0 (0.0)	0 (0.0)	0 (0.0)
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Sexually	0 (0.0)	0 (0.0)	0 (0.0)
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Other	2 (0.4)	1 (0.6)	1 (0.3)
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Do Not Know	12 (2.1)	6 (3.4)	6 (1.6)
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When do mosquitos that transmit Dengue bite?				0.075
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<b>Daytime</b>	233 (41.3)	80 (44.7)	153 (39.7)	
Nighttime	79 (14.0)	22 (12.3)	57 (14.8)	
<b>Day or Night<sup>c</sup></b>	208 (36.9)	57 (31.8)	151 (39.2)	
Do Not Know	44 (7.8)	20 (11.2)	24 (6.2)	
Can you get Dengue more than once?				0.816
No/Do Not Know	76 (13.5)	25 (14.0)	51 (13.2)	
<b>Yes</b>	488 (86.5)	154 (86.0)	334 (86.8)	
Mosquitos that transmit Dengue breed in:				
Standing Water				---
No	0 (0)	0 (0)	0 (0)	
<b>Yes</b>	564 (100)	179 (100)	385 (100)	
Trash				0.041
No	26 (4.6)	13 (7.2)	13 (3.4)	
<b>Yes</b>	538 (95.4)	166 (92.8)	372 (96.6)	
Flower Pots				0.530
No	151 (26.8)	51 (28.5)	100 (26.0)	
<b>Yes</b>	413 (73.2)	128 (71.5)	285 (74.0)	
Tires				0.002
No	427 (84.6)	150 (83.8)	277 (71.9)	
<b>Yes</b>	137(24.3)	29 (16.2)	108 (28.1)	
Ditches				0.728
No	477 (84.6)	150 (83.8)	327 (84.9)	
<b>Yes</b>	87 (15.4)	29 (16.2)	58 (15.1)	

Washing Sink				0.002
No	288 (51.1)	112 (62.6)	176 (45.7)	
<b>Yes</b>	276 (48.9)	67 (37.4)	209 (54.3)	

## Arbovirus Attitudes

### *Dengue Attitude*

Do you believe you live in an area where there is a lot of dengue?				0.009
No/Do Not Know	133 (23.6)	28 (15.6)	105 (27.3)	
<b>Yes</b>	431 (76.4)	151 (84.4)	280 (72.7)	

How concerned are you about Dengue?				0.025
Likert scale 1-5 (1 “Not at all”, 5 “Very Concerned”]	4.8	4.6	4.8	

### *Chikungunya Attitude*

Do you believe you live in an area where there is a lot of chikungunya?				0.009
No/Do Not Know	45 (8.0)	28 (15.6)	105 (27.3)	
<b>Yes</b>	519 (92.0)	151 (84.4)	280 (72.7)	

How concerned are you about chikungunya?				0.025
Likert scale 1-5 (1 “Not at all”, 5 “Very Concerned”]	4.9	4.6	4.8	

### *Zika Attitude*

Do you believe you live in an area where there is a lot of zika?				0.009
No/Do Not Know	203 (36.0)	28 (15.6)	105 (27.3)	
<b>Yes</b>	361 (64.0)	151 (84.4)	280 (72.7)	

How concerned are you about zika?				0.025
Likert scale 1-5 (1 “Not at all”, 5 “Very Concerned”]	4.8	4.6	4.8	

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<sup>a</sup>P values are reported for differences according to parent dengue virus and norovirus surveillance study group using the  $\chi^2$  test for categorical variables and Student’s t-test for continuous variables.

<sup>b</sup>Bolded response indicates preferred answer, assigned 1 point.

<sup>c</sup>Indicates partially correct response, assigned 0.5 points.