

# Annenberg Public Policy Center of the University of Pennsylvania

## Mosquito-borne Illness Items

October 7, 2024

## 1 Overview

These studies were conducted for the Annenberg Public Policy Center of the University of Pennsylvania via web and telephone by SSRS, an independent research company. Interviews were conducted among a nationally representative probability sample drawn from SSRS's Opinion panel. Data were weighted to represent the target U.S. adult population. Summaries of the sample size, field dates, and estimated design effects (Deff) of the particular waves can be found in the table below.

ASAPH panelists are quarantined from other survey panel membership to avoid being affected by the content of other surveys. Data used in Wave 11, however, contains 19 respondents who self-reported membership in other opinion panels. Diagnostics revealed no significant differences in the responses of these 19 panelists and the results presented in this report are unaffected by their exclusion.

Wave	n	MOE	Deff	Fielded	Closed	Survey	RR	N
A-1	1941	2.9	1.76	2021-03-30	2021-04-19	ASAPH 1	56%	3480
B-2	1719	3.2	1.83	2021-06-09	2021-06-22	ASAPH 2	89%	1941
C-3	1669	3.2	1.83	2021-08-16	2021-09-05	ASAPH 3	86%	1940
D-4	1672	3.3	1.86	2021-11-03	2021-11-09	ASAPH 4	86%	1940
E-5	1656	3.3	1.86	2022-01-11	2022-01-17	ASAPH 5	85%	1937
F-6	1638	3.3	1.87	2022-03-29	2022-04-04	ASAPH 6	85%	1932
G-7	1580	3.2	1.82	2022-07-12	2022-07-18	ASAPH 7	82%	1928
H-8	1584	3.4	1.86	2022-08-02	2022-08-08	CIVICS 1	83%	1907
I-9	1621	3.3	1.87	2022-08-16	2022-08-23	ASAPH 8	85%	1907
J-10	1646	3.2	1.80	2022-10-11	2022-10-18	ASAPH 9	86%	1905
K-11	1657	3.2	1.77	2023-01-10	2023-01-16	ASAPH 10	82%	2029
L-12	1638	3.2	1.75	2023-02-22	2023-02-28	ASK 2023	81%	2025
M-13	1622	3.2	1.76	2023-03-23	2023-03-29	BINGE	80%	2024
N-14	1586	3.3	1.83	2023-05-31	2023-06-06	ASAPH 11	79%	1997
O-15	1482	3.5	1.88	2023-08-09	2023-08-15	ASAPH 12	75%	1979
P-16	1559	3.4	1.91	2023-10-05	2023-10-12	ASAPH 13	79%	1976
Q-17	1538	3.3	1.73	2023-11-14	2023-11-20	CLIMATE	78%	1975
R-18	1555	3.4	1.89	2024-02-06	2024-02-12	ASK 2024	79%	1963
S-19	1522	3.5	1.89	2024-04-18	2024-04-25	ASAPH 19	78%	1962
T-20	1496	3.6	1.96	2024-07-11	2024-07-18	ASAPH 20	76%	1961
U-21	1744*	3.5	2.26	2024-09-13	2024-09-30	ASAPH 21	67%	2616

\* To account for attrition, a small replenishment sample was recruited prior to W21 using a random probability sampling design. This replenishment added 360 respondents to the sample.

## 2 Topline

The remaining portion of this document provides the topline results reported in the release. All figures are rounded to the nearest whole number and may not add to 100%. Combined subcategories may not add to totals in topline and text due to rounding. A lowercase e stands in for values that round to 0, but are not exactly 0. Aggregated NET categories are highlighted in grey. Superscript letters indicate statistically significant differences with the corresponding wave.

### WNILEWORRY.

WNILEWORRY. How worried, if at all, are you about you or someone in your family contracting dengue fever or West Nile in the next 3 months?

Wave	N	NET Unworried	Not at all worried	Not too worried	NET Worried	Somewhat worried	Very worried	Don't know	Refused Web blank
(U) 9/30/24	1744	85	42	43	15	10	5	0	0

### ZG03C.

ZG03C. As far as you know, how do scientists think someone can get dengue fever or West Nile?  
– Being bitten by a mosquito that is carrying the infection [TRUE]

Wave	N	NET Unlikely	Not at all likely	Not too likely	NET Likely	Somewhat likely	Very likely	Not sure	Refused Web blank
(U) 9/30/24	1744	8	3	5	74	26	49	17	0

### ZG03F.

ZG03F. As far as you know, how do scientists think someone can get dengue fever or West Nile?  
– Being sneezed or coughed on by someone who has dengue fever or West Nile [FALSE]

Wave	N	NET Unlikely	Not at all likely	Not too likely	NET Likely	Somewhat likely	Very likely	Not sure	Refused Web blank
(U) 9/30/24	1744	34	18	16	26	17	9	39	0

### WNILE2\_1.

WNILE2\_1. Which of the following are symptoms of West Nile? – Firm, round, painless sores [FALSE]

Wave	N	NOT Selected	Selected
(U) 9/30/24	1744	89	11

### WNILE2\_2.

WNILE2\_2. Which of the following are symptoms of West Nile? – Fever [TRUE]

Wave	N	NOT Selected	Selected
(U) 9/30/24	1744	58	42

### WNILE2\_3.

WNILE2\_3. Which of the following are symptoms of West Nile? – Muscle and joint pain [TRUE]

Wave	N	NOT Selected	Selected
(U) 9/30/24	1744	63	37

### WNILE2\_4.

WNILE2\_4. Which of the following are symptoms of West Nile? – Headache [TRUE]

Wave	N	NOT Selected	Selected
(U) 9/30/24	1744	64	36

### WNILE2\_5.

WNILE2\_5. Which of the following are symptoms of West Nile? – Nausea and vomiting [TRUE]

Wave	N	NOT Selected	Selected
(U) 9/30/24	1744	71	29

### WNILE2\_6.

WNILE2\_6. Which of the following are symptoms of West Nile? – Dizziness or lightheadedness [FALSE]

Wave	N	NOT Selected	Selected
(U) 9/30/24	1744	72	28

### WNILE2\_7.

WNILE2\_7. Which of the following are symptoms of West Nile? – Rash [TRUE]

Wave	N	NOT Selected	Selected
(U) 9/30/24	1744	78	22

### WNILE2\_998.

WNILE2\_998. Which of the following are symptoms of West Nile? – Or are you not sure?

Wave	N	NOT Selected	Selected
(U) 9/30/24	1744	47	53

### WNILE2\_999.

WNILE2\_999. Which of the following are symptoms of West Nile? – Refused

Wave	N	NOT Selected	Selected
(U) 9/30/24	40	98	2

### WNILE3.

WNILE3. Please indicate if you believe the statement below is true, false, or if you aren't sure – Genetically modified mosquitoes have caused dengue fever outbreaks [FALSE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Not sure	Refused Web blank
(U) 9/30/24	1744	36	14	22	16	14	2	48	0

### WNILE4.

WNILE4. Please indicate if you believe the statement below is true, false, or if you aren't sure – Genetically modified mosquitoes could minimize the spread of dengue viruses [TRUE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Not sure	Refused Web blank
(U) 9/30/24	1744	16	5	12	36	29	8	48	e

### WNILE5.

WNILE5. Please indicate if you believe the statement below is true, false, or if you aren't sure – Mosquitoes that can carry dengue viruses can be found in every state in the continental U.S. [FALSE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Not sure	Refused Web blank
(U) 9/30/24	1744	22	4	18	38	34	4	40	e

### WNILE6.

WNILE6. Please indicate if you believe the statement below is true, false, or if you aren't sure – The best defense against dengue fever and West Nile is by preventing mosquito bites and controlling mosquitoes in and around your home [TRUE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Not sure	Refused Web blank
(U) 9/30/24	1744	4	1	3	79	38	42	17	0

### WNILE7.

WNILE7. Please indicate if you believe the statement below is true, false, or if you aren't sure – There is currently no antiviral treatment for dengue fever or West Nile [TRUE]

Wave	N	NET False	Definitely false	Probably false	NET True	Probably true	Definitely true	Not sure	Refused Web blank
(U) 9/30/24	1744	15	3	13	23	19	4	62	0

**ZG41.**

ZG41. At any time of the year, do you routinely take precautions to avoid getting mosquito bites, or not?

Wave	N	Yes	No	Don't know	Refused
(U) 9/29/24	1744	59 <sup>z1,z2,z3,z4</sup>	37 <sup>z1,z2,z3,z4</sup>	4 <sup>z1,z2,z3,z4</sup>	0
(Z4) 7/3/16	1024	67 <sup>u</sup>	33 <sup>u</sup>	e <sup>u</sup>	e
(Z3) 6/13/16	1012	70 <sup>u</sup>	29 <sup>u</sup>	1 <sup>u</sup>	0
(Z2) 5/23/16	1018	72 <sup>u</sup>	28 <sup>u</sup>	e <sup>u</sup>	0
(Z1) 5/2/16	1009	74 <sup>u</sup>	26 <sup>u</sup>	e <sup>u</sup>	e

**ZG42A.**

ZG42A. Do you routinely – wear long-sleeved shirts or other protective clothing outdoors?

Wave	N	Yes	No	Don't know	Refused
(U) 9/29/24	1105	57 <sup>z4</sup>	42 <sup>z4</sup>	1	0
(Z4) 7/3/16	688	52 <sup>u</sup>	48 <sup>u</sup>	e	0
(Z3) 6/13/16	720	56	43	1	e
(Z2) 5/23/16	717	60	40	e	0
(Z1) 5/2/16	731	59	40	e	1

**ZG42B.**

ZG42B. Do you routinely – replace or repair window screens?

Wave	N	Yes	No	Don't know	Refused
(U) 9/29/24	1105	64 <sup>z1,z2</sup>	34 <sup>z1,z2</sup>	2	0
(Z4) 7/3/16	688	67	33	e	0
(Z3) 6/13/16	720	67	32	e	e
(Z2) 5/23/16	717	72 <sup>u</sup>	27 <sup>u</sup>	e	e
(Z1) 5/2/16	731	71 <sup>u</sup>	28 <sup>u</sup>	e	e

**ZG42C.**

ZG42C. Do you routinely – remove standing water?

Wave	N	Yes	No	Don't know	Refused
(U) 9/29/24	1105	80	16 <sup>z1,z3</sup>	3 <sup>z1,z2,z3,z4</sup>	0
(Z4) 7/3/16	688	80	19	1 <sup>u</sup>	e
(Z3) 6/13/16	720	78	21 <sup>u</sup>	1 <sup>u</sup>	e
(Z2) 5/23/16	717	81	18	e <sup>u</sup>	e
(Z1) 5/2/16	731	79	20 <sup>u</sup>	1 <sup>u</sup>	0

**ZG42D.**

ZG42D. Do you routinely – use mosquito netting?

Wave	N	Yes	No	Don't know	Refused
(U) 9/29/24	1105	12 <sup>z1,z2</sup>	88 <sup>z1,z2</sup>	1	0
(Z4) 7/3/16	688	13	87	1	0
(Z3) 6/13/16	720	14	85	e	e
(Z2) 5/23/16	717	17 <sup>u</sup>	83 <sup>u</sup>	e	0
(Z1) 5/2/16	731	16 <sup>u</sup>	83 <sup>u</sup>	e	0

**ZG42E.**

ZG42E. Do you routinely – avoid activities or areas that would bring you in contact with mosquitoes?

Wave	N	Yes	No	Don't know	Refused
(U) 9/29/24	1105	70 <sup>z1,z2,z3,z4</sup>	29 <sup>z1,z2,z3,z4</sup>	2	0
(Z4) 7/3/16	688	63 <sup>u</sup>	37 <sup>u</sup>	0	e
(Z3) 6/13/16	720	59 <sup>u</sup>	40 <sup>u</sup>	e	e
(Z2) 5/23/16	717	63 <sup>u</sup>	37 <sup>u</sup>	e	0
(Z1) 5/2/16	731	56 <sup>u</sup>	44 <sup>u</sup>	e	0

**ZG42F.**

ZG42F. Do you routinely – wear insect repellent?

Wave	N	Yes	No	Don't know	Refused
(U) 9/29/24	1105	72 <sup>z2</sup>	28 <sup>z2</sup>	0	0
(Z4) 7/3/16	688	73	27	e	0
(Z3) 6/13/16	720	74	25	1	e
(Z2) 5/23/16	717	77 <sup>u</sup>	23 <sup>u</sup>	e	0
(Z1) 5/2/16	731	72	28	0	0

**INSECT1.**

INSECT1. As far as you know, which of the following statements comes closest to what the Centers for Disease Control and Prevention (CDC) recommends for applying insect repellent?

Wave	N	Put on sunscreen first, let it dry, and then put on insect repellent [TRUE]	Put on insect repellent first, let it dry, and then put on sunscreen [FALSE]	It doesn't matter the order but use both if you are in an area with mosquitoes [FALSE]	Not sure	Refused Web blank
(U) 9/30/24	1744	29	5	16	50	e

**INSECT2.**

INSECT2. Again, as far as you know, which of the following statements comes closest to what the Centers for Disease Control and Prevention (CDC) recommends for applying insect repellent?

Wave	N	Put insect repellent on your body first and then put clothes on over areas protected by repellent [FALSE]	Do not put insect repellent under clothing [TRUE]	It doesn't matter the order but use insect repellent if you are in an area with mosquitoes [FALSE]	Not sure	Refused Web blank
(U) 9/30/24	1744	19	13	29	39	e



### INSECT3.

INSECT3. Again, as far as you know, which of the following statements comes closest to what the Centers for Disease Control and Prevention (CDC) recommends for applying insect repellent to an infant?

Wave	N	Insect repellent SHOULD be used on babies younger than 2 months old [FALSE]	Insect repellent SHOULD NOT be used on babies younger than 2 months old [TRUE]	Not sure	Refused Web blank
(U) 9/30/24	1744	3	52	45	e

### INSECT4.

INSECT4. And again, as far as you know, which of the following statements comes closest to what the Centers for Disease Control and Prevention (CDC) recommends for finding insect repellent? To find the best repellent:

Wave	N	Look for one that says it is EPA registered [TRUE]	Look for one with over 50% DEET [FALSE]	Look for one that says it is natural [FALSE]	Not sure	Refused Web blank
(U) 9/30/24	1744	21	29	6	43	e