

Annenberg Science Knowledge Survey: Zika
August 18-August 22, 2016
Florida Oversample/Non-Florida
(Week 28, N=1,472)

Appendix

As you may know, some food products, crops, insects and fish are being modified using new scientific techniques. The general area is called “biotechnology” and includes tools such as genetic engineering and genetic modification of food. The products of these methods are generally referred to as Genetically Modified Organisms or “GMOs.”

*ZG-12. I’m going to read you two statements. For each one please tell me if you think **scientists** have established it is true, **scientists** have established it is false, or **scientists** are not sure whether it is true or false. (INSERT ITEM). Would you say that **scientists** have established that is true or false, or **scientists** are not sure whether it is true or false?*

f. Genetically modified mosquitoes could minimize the spread of Zika virus

	True %	False %	Scientists are not sure %	Don’t know %	Refused %
Florida-8/22/16 (n=509)	35	11	49	5	*
Not Florida-8/22/16 (n=963)	27	12	52	8	*

*Less than 0.5%

*In the past three months, have you done anything to protect yourself from getting Zika? ***

	Yes %	No %	Don’t know %	Refused %
Florida-8/22/16 (n=509)	40	60	-	-
Not Florida-8/22/16 (n=963)	20	80	1	-

**Greater than 100% due to rounding

(Asked of total respondents who have done something to protect themselves from getting Zika in the past three months)

What types of things have you done to protect yourself from getting Zika, in the past three months?

Percentages may add to more than 100 percent. Net only accounts for one mention.

	Florida- 8/22/16 % (n=208)	Not Florida- 8/22/16 % (n=200)
Worn long-sleeved shirts or other protective clothing outdoors	27	11
Replaced or repaired window screens	1	3
Removed standing water from outside your home	22	12
Used mosquito netting	-	2
Avoid activities or areas that would bring you in contact with mosquitoes	29	29
Purchased insect repellent	19	20
Worn insect repellent	49	33
Used condoms/Made sure your partner uses condoms	2	1
Avoid sexual contact	-	1
Thrown out any items that hold water like vases and flower pot saucers—Inside your home	4	5
Emptied, turned over or covered any items that hold water like vases and flower pot saucers-Inside your home	6	3
Killed mosquitoes inside your home	4	2
Treated areas where mosquitoes rest inside your home with insect spray or fogger	9	8
Other	9	11
Don't know	-	-
Refused	-	1

Would you favor or oppose your local government giving out Zika prevention kits that include insect repellent and condoms? Is that strongly favor, somewhat favor, neither favor nor oppose, somewhat oppose, or strongly oppose? **

	FAVOR %			Neither favor nor oppose %	OPPOSE %			Don't know %	Refused %
	NET	Strongly favor	Somewhat favor		NET	Somewhat oppose	Strongly oppose		
Florida-8/22/16 (n=509)	76	59	17	10	12	5	7	1	-
Not Florida-8/22/16 (n=963)	70	49	21	12	16	6	10	2	*

*Less than 0.5%

**Less than 100% due to rounding

If there were cases of people getting infected with Zika virus in your city or town, would you approve or disapprove of special spraying **from the air** against mosquitoes to prevent the spread of Zika virus? (PAUSE FOR ANSWER: Would that be strongly approve, somewhat approve, neither approve nor disapprove, somewhat disapprove, or strongly disapprove?)

	APPROVE %			Neither approve nor disapprove %	DISAPPROVE %			Don't know %	Refused %
	NET	Strongly approve	Somewhat approve		NET***	Somewhat disapprove	Strongly disapprove		
Florida-8/22/16 (n=509)	76	57	19	7	16	5	10	1	*
Not Florida-8/22/16 (n=963)	73	49	24	5	20	8	12	2	*

*Less than 0.5%

***Net doesn't add up due to rounding

I'm now going to read you a way scientists **are testing that could minimize** the spread of Zika virus in the United States. After I read it, please tell me if you favor or oppose it as a way to minimize the spread of Zika in the U.S. (READ ITEM). (STOP. GET ANSWER, READ). Is that strongly favor, somewhat favor, neither favor nor oppose, somewhat oppose, or strongly oppose?

The genetically modified male mosquito produces offspring that die before they reach adulthood. To minimize the spread of Zika virus in the United States, do you favor or oppose scientists releasing these genetically modified male mosquitoes in places in the U.S. where the mosquito that can carry Zika virus is found

	FAVOR %			Neither favor nor oppose %	OPPOSE %			Don't know %	Refused %
	NET***	Strongly favor	Somewhat favor		NET	Somewhat oppose	Strongly oppose		
Florida- 8/22/16 (n=509)	60	40	20	7	30	11	19	3	*
Not Florida- 8/22/16 (n=963)	50	27	24	12	32	11	21	6	*

*Less than 0.5%

***Net doesn't add up due to rounding

Have you read, seen or heard about a CDC recommendation that pregnant women and their partners not travel to a part of the U.S. that has had a number of cases of Zika? **

	Yes %	No %	Don't know %	Refused %
Florida- 8/22/16 (n=509)	72	28	*	-
Not Florida- 8/22/16 (n=963)	58	42	1	-

*Less than 0.5%

**Greater than 100% due to rounding

(Asked of total respondents who have read, seen, or heard about a CDC recommendation that pregnant women and their partners not travel to a part of the U.S. that has had a number of cases of Zika)

Could you tell me which state is the subject of that warning?

	Florida %	Other State %	Don't know %	Refused %
Florida- 8/22/16 (n=375)	81	6	12	-
Not Florida- 8/22/16 (n=610)	67	11	21	*

*Less than 0.5%

**Less than 100% due to rounding

SURVEY METHODOLOGY

ANNENBERG SCIENCE KNOWLEDGE SURVEY METHODOLOGY

The Annenberg Science Knowledge (ASK) survey was conducted for the Annenberg Public Policy Center via telephone (CATI) by SSRS, an independent research company. Interviews were conducted from **August 18-August 22, 2016** among 1,472 U.S. adults, aged 18 and older, drawn from a national probability sample in all 50 states, and includes an oversample of **509** total Florida respondents¹. Total Non-Florida respondents numbered **963**, and includes interviews from the other 49 states and District of Columbia in the national probability sample. The dual frame sample, included 335 Florida cell phone respondents, 570 Non-Florida Cell phone respondents, 20 Florida and 38 Non-Florida respondents who completed the survey in Spanish. The Florida sample was weighted to represent the adult population of Florida and the non-Florida sample was weighted to represent the respondents from the other 49 states and the District of Columbia. The adjusted margin of error for Florida respondents is +/- 5.49 % and +/-3.68% for Non-Florida respondents both at the 95% confidence level. The response rate for the Florida sample was 13% and 6% for the national sample (AAPOR RR 3).

For more detail on the methodology, including sampling, within household respondent selection, weighting variables and procedures, please visit [SSRS Omnibus](#).

¹ Phone numbers used for the Florida oversample were randomly generated from landline and cellular phone sampling frames, with an overlapping frame design. The RDD landline included all telephone exchanges identified as being located in Florida, based on their three digit area code. The sample was generated through Marketing Systems Group's (MSG) GENESYS sampling system. MSG is one of the survey research industry's largest statistical sampling companies, and a supplier to social science researchers and governmental organizations such as the US Census Bureau and Centers for Disease Control. The standard GENESYS RDD methodology produces a strict single stage, Equal Probability Selection Method (epsem) sample of residential telephone numbers. In other words, a GENESYS RDD sample ensures an equal and known probability of selection for every residential telephone number in the sample frame. The sample was generated shortly before the beginning of data collection to provide the most up-to-date sample possible, maximizing the number of valid telephone extensions. Following generation, the RDD sample was prepared using MSG's proprietary GENESYS IDplus procedure, which identifies and eliminates a large percentage of all non-working and business numbers.

Using a procedure similar to that used for the landline sample, MSG generated a random list of Florida-based cell phone numbers. Inactive numbers were flagged and removed utilizing MSG's CellWins procedure.

Eighty interviews were completed by calling back respondents from previous interviews on the SSRS Omnibus. The SSRS Omnibus is a weekly phone survey utilizing a dual-frame (landline and cell phone) RDD design, and, as such, originates from random dialing. An additional 60 interviews were completed on the main sample of the SSRS Omnibus.