

The Zika Virus: Gaps in Americans' Knowledge and Support for Government Action

Conducted by March of Dimes and NORC at the University of Chicago

Interviews: 8/23-28/2016

2,379 adults

Margin of error: +/- 3.2 percentage points at the 95% confidence level among all adults

NOTE: All results show percentages among all respondents, unless otherwise labeled.

Q11. How much have you heard or read about the Zika virus?

[HALF SAMPLE ASKED RESPONSE OPTIONS IN REVERSE ORDER]

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners) ¹
A lot	18	32	25	22	27
Some	42	42	42	41	47
Only a little	24	21	25	29	16
Nothing at all	15	5	8	8	11
DON'T KNOW	-	*	-	-	-
SKIPPED ON WEB/REFUSED	*	*	-	*	-
N=	1,004	2,379	646	1,108	169

If a lot, some, or only a little in Q11

Q12. How worried are you that...?

[ITEMS RANDOMIZED; HALF SAMPLE ASKED RESPONSE OPTIONS IN REVERSE ORDER]

AP-NORC 3/17-21/2016

	Extremely/ Very worried NET	Extremely worried	Very worried	Moderately worried	Only a little/not worried at all NET	Only a little worried	Not worried at all	DK/ REF
The U.S. will see a large number of cases of the Zika virus in the next 12 months	16	5	12	36	48	33	14	*
You or someone in your family will be infected by the Zika virus	12	6	6	19	68	33	36	*
You or someone in your family will need to change travel plans to avoid the Zika virus	7	3	5	14	78	17	61	*

N=865

¹ "Pregnant or trying (women or their partners)" is formed from responses to Q21, "Is anyone in your household pregnant or trying to become pregnant?" and consists of women who are currently pregnant, women who are trying to get pregnant, adults whose spouse is currently pregnant, and adults whose spouse is trying to get pregnant.

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NORC 8/23-28/2016, All adults age 18+

	Extremely/ Very worried NET	Extremely worried	Very worried	Moderately worried	Only a little/not worried at all NET	Only a little worried	Not worried at all	DK/ REF
The U.S. will see a large number of cases of the Zika virus in the next 12 months	27	9	17	34	38	27	11	1
You or someone in your family will be infected by the Zika virus	16	7	9	21	62	33	28	1
You or someone in your family will need to change travel plans to avoid the Zika virus	9	3	6	14	76	23	53	1
Zika will have serious impacts for those who do become infected	41	14	27	32	26	20	7	1

N=2,240

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Men age 18-40

	Extremely/ Very worried NET	Extremely worried	Very worried	Moderately worried	Only a little/not worried at all NET	Only a little worried	Not worried at all	DK/ REF
The U.S. will see a large number of cases of the Zika virus in the next 12 months	22	9	13	32	45	30	15	*
You or someone in your family will be infected by the Zika virus	15	9	5	19	66	31	36	*
You or someone in your family will need to change travel plans to avoid the Zika virus	8	4	4	12	79	23	57	*
Zika will have serious impacts for those who do become infected	35	13	23	36	28	20	8	-

N=602

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Women age 18-40

	Extremely/ Very worried NET	Extremely worried	Very worried	Moderately worried	Only a little/not worried at all NET	Only a little worried	Not worried at all	DK/ REF
The U.S. will see a large number of cases of the Zika virus in the next 12 months	27	10	17	36	37	24	13	*
You or someone in your family will be infected by the Zika virus	20	7	13	22	58	28	29	*
You or someone in your family will need to change travel plans to avoid the Zika virus	12	6	7	14	74	21	53	*
Zika will have serious impacts for those who do become infected	43	15	28	32	25	16	9	*

N=1,037

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Pregnant or trying (women or their partners)

	Extremely/ Very worried NET	Extremely worried	Very worried	Moderately worried	Only a little/not worried at all NET	Only a little worried	Not worried at all	DK/ REF
The U.S. will see a large number of cases of the Zika virus in the next 12 months	37	15	22	31	30	21	9	2
You or someone in your family will be infected by the Zika virus	33	25	8	30	36	21	16	*
You or someone in your family will need to change travel plans to avoid the Zika virus	25	13	12	21	54	18	36	*
Zika will have serious impacts for those who do become infected	52	23	29	27	20	13	7	-

N=156

If a lot, some, or only a little in Q11

NEWQ1. How worried are you about the recent locally transmitted Zika cases in Florida?

[HALF SAMPLE ASKED RESPONSE OPTIONS IN REVERSE ORDER]

	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Extremely/very worried NET	25	18	24	39
Extremely worried	9	7	8	17
Very worried	15	11	15	22
Moderately worried	34	29	35	34
Only a little/not worried at all NET	42	52	41	27
Only a little worried	29	34	27	14
Not worried at all	13	18	15	12
DON'T KNOW	-	-	-	-
SKIPPED ON WEB/REFUSED	*	*	*	-

N=

2,240

602

1,037

156

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If a lot, some, or only a little in Q11

Q13. As far as you know, can a person become infected with Zika virus from each of the following, or not?

[ITEMS RANDOMIZED]

AP-NORC 3/17-21/2016

	Yes	No	Haven't heard enough to say	DK/REF
The bite of a mosquito carrying the virus	90	2	8	*
Having sex with someone who is infected	57	14	29	*
Casual contact, like shaking hands, with someone who is infected	4	68	27	*

N=865

NORC 8/23-28/2016, All adults age 18+

	Yes	No	Haven't heard enough to say	DK/REF
The bite of a mosquito carrying the virus	94	1	4	*
Having sex with someone who is infected	58	14	28	*
Casual contact, like shaking hands, with someone who is infected	5	65	30	*
Sexual contact other than intercourse	33	24	42	*
Caring for a person who is infected	15	46	39	1
Coughing or sneezing	14	44	42	1

N=2,240

Men age 18-40

	Yes	No	Haven't heard enough to say	DK/REF
The bite of a mosquito carrying the virus	89	3	7	-
Having sex with someone who is infected	56	14	30	*
Casual contact, like shaking hands, with someone who is infected	5	64	31	1
Sexual contact other than intercourse	34	23	43	-
Caring for a person who is infected	13	49	38	*
Coughing or sneezing	12	48	40	*

N=302

Women age 18-40

	Yes	No	Haven't heard enough to say	DK/REF
The bite of a mosquito carrying the virus	91	1	8	-
Having sex with someone who is infected	58	10	31	*
Casual contact, like shaking hands, with someone who is infected	5	60	35	-
Sexual contact other than intercourse	38	17	45	*
Caring for a person who is infected	15	40	45	*
Coughing or sneezing	16	39	44	*

N=1,037

Pregnant or trying (women or their partners)

	Yes	No	Haven't heard enough to say	DK/REF
The bite of a mosquito carrying the virus	84	5	12	-
Having sex with someone who is infected	60	13	27	-
Casual contact, like shaking hands, with someone who is infected	7	55	38	-
Sexual contact other than intercourse	44	20	36	-
Caring for a person who is infected	23	34	43	-
Coughing or sneezing	12	41	47	-

N=156

If a lot, some, or only a little in Q11

Q14. To the best of your knowledge, is the Zika virus linked to birth defects in babies born to infected mothers, is it not linked with birth defects, or have you not heard enough to say?

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Yes, linked to birth defects	75	81	77	79	75
No, not linked to birth defects	3	2	3	3	9
Haven't heard enough to say	22	17	20	18	16
SKIPPED ON WEB/REFUSED	*	*	-	*	-

N=

865

2,240

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1,037

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If a lot, some, or only a little in Q11

NEWQ3_4. To the best of your knowledge, does Zika virus cause the following, does it not cause the following, or have you not heard enough to say?

[ITEMS RANDOMIZED]

NORC 8/23-28/2016, All adults age 18+

	Yes	No	Haven't heard enough to say	DK/REF
Stillbirth or miscarriage	32	15	52	1
Guillain-Barré Syndrome, a disease causing muscle weakness and sometimes paralysis	25	11	63	*
Symptoms similar to the common cold	46	9	44	*
A rash	27	12	60	1
Infection with no symptoms at all	33	19	48	1

N=2,240

Men age 18-40

	Yes	No	Haven't heard enough to say	DK/REF
Stillbirth or miscarriage	34	12	54	*
Guillain-Barré Syndrome, a disease causing muscle weakness and sometimes paralysis	20	11	69	*
Symptoms similar to the common cold	43	9	48	*
A rash	25	12	63	*
Infection with no symptoms at all	28	20	52	*

N=602

Women age 18-40

	Yes	No	Haven't heard enough to say	DK/REF
Stillbirth or miscarriage	43	10	46	*
Guillain-Barré Syndrome, a disease causing muscle weakness and sometimes paralysis	30	8	62	*
Symptoms similar to the common cold	54	5	41	*
A rash	33	9	58	*
Infection with no symptoms at all	35	15	50	*

N=1,037

Pregnant or trying (women or their partners)

	Yes	No	Haven't heard enough to say	DK/REF
Stillbirth or miscarriage	40	13	48	-
Guillain-Barré Syndrome, a disease causing muscle weakness and sometimes paralysis	31	10	59	*
Symptoms similar to the common cold	57	10	33	-
A rash	34	12	54	-
Infection with no symptoms at all	45	18	37	-

N=156

If a lot, some, or only a little in Q11

Q15. To the best of your knowledge, is there...?

[ITEMS RANDOMIZED]

AP-NORC 3/17-21/2016

	Yes	No	Haven't heard enough to say	DK/REF
An effective <u>medicine</u> to treat people who have gotten sick with the Zika virus, is there not an effective <u>medicine</u> to treat people, or have you not heard enough to say?	7	34	59	*
An effective <u>vaccine</u> to prevent people from becoming infected with the Zika virus, is there not an effective <u>vaccine</u> to prevent infections, or have you not heard enough to say?	3	45	52	*
An effective <u>test</u> to determine if an individual is currently infected with the Zika virus, is there not an effective <u>test</u> , or have you not heard enough to say?	40	7	53	*

N=865

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NORC 8/23-28/2016, All adults age 18+

	Yes	No	Haven't heard enough to say	DK/REF
An effective <u>medicine</u> to treat people who have gotten sick with the Zika virus, is there not an effective <u>medicine</u> to treat people, or have you not heard enough to say?	9	33	58	*
An effective <u>vaccine</u> to prevent people from becoming infected with the Zika virus, is there not an effective <u>vaccine</u> to prevent infections, or have you not heard enough to say?	4	49	47	*
An effective <u>test</u> to determine if an individual is currently infected with the Zika virus, is there not an effective <u>test</u> , or have you not heard enough to say?	48	6	46	*

N=2,240

Men age 18-40

	Yes	No	Haven't heard enough to say	DK/REF
An effective <u>medicine</u> to treat people who have gotten sick with the Zika virus, is there not an effective <u>medicine</u> to treat people, or have you not heard enough to say?	9	32	58	*
An effective <u>vaccine</u> to prevent people from becoming infected with the Zika virus, is there not an effective <u>vaccine</u> to prevent infections, or have you not heard enough to say?	5	46	49	*
An effective <u>test</u> to determine if an individual is currently infected with the Zika virus, is there not an effective <u>test</u> , or have you not heard enough to say?	46	6	47	*

N=602

Women age 18-40

	Yes	No	Haven't heard enough to say	DK/REF
An effective <u>medicine</u> to treat people who have gotten sick with the Zika virus, is there not an effective <u>medicine</u> to treat people, or have you not heard enough to say?	8	28	64	-
An effective <u>vaccine</u> to prevent people from becoming infected with the Zika virus, is there not an effective <u>vaccine</u> to prevent infections, or have you not heard enough to say?	6	41	53	-
An effective <u>test</u> to determine if an individual is currently infected with the Zika virus, is there not an effective <u>test</u> , or have you not heard enough to say?	40	5	55	-

N=1,037

Pregnant or trying (women or their partners)

	Yes	No	Haven't heard enough to say	DK/REF
An effective <u>medicine</u> to treat people who have gotten sick with the Zika virus, is there not an effective <u>medicine</u> to treat people, or have you not heard enough to say?	13	45	42	-
An effective <u>vaccine</u> to prevent people from becoming infected with the Zika virus, is there not an effective <u>vaccine</u> to prevent infections, or have you not heard enough to say?	10	51	40	-
An effective <u>test</u> to determine if an individual is currently infected with the Zika virus, is there not an effective <u>test</u> , or have you not heard enough to say?	49	7	44	-

N=156

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If a lot, some, or only a little in Q11

NEWQ5. To the best of your knowledge, should women delay pregnancy in each of the following situations or isn't it necessary?

[ITEMS RANDOMIZED]

NORC 8/23-28/2016, All adults age 18+

	Yes, should delay pregnancy	No, shouldn't delay pregnancy	Haven't heard enough to say	DK/REF
The woman lives in an area affected by Zika	77	5	17	1
The woman recently had sex without a condom with a man infected with Zika	68	6	27	*
The woman recently traveled to areas affected by Zika	78	5	16	*
The woman's partner recently traveled to areas affected by Zika	70	7	22	1

N=2,240

Men age 18-40

	Yes, should delay pregnancy	No, shouldn't delay pregnancy	Haven't heard enough to say	DK/REF
The woman lives in an area affected by Zika	64	7	29	-
The woman recently had sex without a condom with a man infected with Zika	59	8	33	-
The woman recently traveled to areas affected by Zika	67	7	27	*
The woman's partner recently traveled to areas affected by Zika	58	11	31	-

N=602

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Women age 18-40

	Yes, should delay pregnancy	No, shouldn't delay pregnancy	Haven't heard enough to say	DK/REF
The woman lives in an area affected by Zika	72	6	22	*
The woman recently had sex without a condom with a man infected with Zika	63	5	32	*
The woman recently traveled to areas affected by Zika	73	5	22	*
The woman's partner recently traveled to areas affected by Zika	63	7	29	1

N=1,037

Pregnant or trying (women or their partners)

	Yes, should delay pregnancy	No, shouldn't delay pregnancy	Haven't heard enough to say	DK/REF
The woman lives in an area affected by Zika	72	7	21	*
The woman recently had sex without a condom with a man infected with Zika	64	9	27	-
The woman recently traveled to areas affected by Zika	72	9	19	*
The woman's partner recently traveled to areas affected by Zika	62	14	24	-

N=156

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If a lot, some, or only a little in Q11

Q16. From which sources have you gotten information about the Zika virus?

Please select all that apply.

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Your personal doctor or your child's doctor	3	3	5	9	18
The Centers for Disease Control and Prevention	13	16	16	18	32
Your state or local public health department	7	11	12	11	22
Friends or family members who are employed in the field of health care	5	8	12	10	14
Friends or family members who are not employed in the field of health care	8	10	18	14	14
Television or radio news	84	85	78	77	75
Social networking sites such as Twitter, Facebook, blogs, or discussion boards	21	26	41	39	37
A religious leader from your faith	*	1	*	1	1
Websites from other health organizations, like WebMD	15	16	20	16	25
The March of Dimes or its #ZAPzika campaign		1	*	1	3
Other	14	13	16	11	13
You have not gotten information about the Zika virus	2	3	4	5	2
DON'T KNOW/SKIPPED ON WEB/REFUSED	*	*	*	*	*

N=

865

2,240

602

1,037

156

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If a lot, some, or only a little in Q11

NEWQ6_8. In general, how much do you trust each of the following to provide accurate information about the Zika virus?

[HALF SAMPLE ASKED RESPONSE OPTIONS IN REVERSE ORDER]

NORC 8/23-28/2016, All adults age 18+

	A great deal/A lot NET	A great deal	A lot	Somewhat	Very little/Not at all NET	Very little	Not at all	DK/REF
Your personal doctor or your child's doctor	67	33	34	24	8	4	5	1
The Centers for Disease Control and Prevention	75	42	33	17	7	4	4	1
Your state or local public health department	63	27	36	26	10	6	4	1
Friends or family members who are employed in the field of health care	44	15	29	39	15	9	6	1
Friends or family members who are not employed in the field of health care	8	3	5	34	57	35	22	1
Television or radio news	39	13	25	46	15	10	4	1
Social networking sites such as Twitter, Facebook, blogs, or discussion boards	12	4	8	35	51	30	22	2
A religious leader from your faith	14	6	7	28	56	24	32	2
Websites from other health organizations, like WebMD	37	10	27	40	21	12	9	2
The March of Dimes or its #ZAPzika campaign	36	12	24	38	24	13	11	2

N=2,240

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Men age 18-40

	A great deal/A lot NET	A great deal	A lot	Somewhat	Very little/Not at all NET	Very little	Not at all	DK/REF
Your personal doctor or your child's doctor	66	29	37	26	8	4	4	*
The Centers for Disease Control and Prevention	72	40	32	19	8	4	4	1
Your state or local public health department	58	23	34	30	12	8	5	*
Friends or family members who are employed in the field of health care	48	15	33	39	13	7	5	1
Friends or family members who are not employed in the field of health care	9	2	7	38	53	34	18	*
Television or radio news	25	6	19	50	24	15	9	1
Social networking sites such as Twitter, Facebook, blogs, or discussion boards	11	3	8	38	50	30	20	1
A religious leader from your faith	10	3	8	28	60	25	35	1
Websites from other health organizations, like WebMD	36	11	26	41	22	14	8	1
The March of Dimes or its #ZAPzika campaign	26	7	18	43	29	18	11	2

N=602

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Women age 18-40

	A great deal/A lot NET	A great deal	A lot	Somewhat	Very little/Not at all NET	Very little	Not at all	DK/REF
Your personal doctor or your child's doctor	68	32	36	20	12	4	7	*
The Centers for Disease Control and Prevention	73	42	31	17	9	3	6	1
Your state or local public health department	60	27	33	28	11	4	7	1
Friends or family members who are employed in the field of health care	44	15	29	41	14	8	7	1
Friends or family members who are not employed in the field of health care	12	4	8	35	53	36	17	*
Television or radio news	29	8	21	51	19	12	7	*
Social networking sites such as Twitter, Facebook, blogs, or discussion boards	12	5	8	43	45	30	15	1
A religious leader from your faith	13	5	8	32	55	24	31	1
Websites from other health organizations, like WebMD	37	10	27	43	20	11	9	*
The March of Dimes or its #ZAPzika campaign	37	12	25	37	25	12	13	1

N=1,037

Pregnant or trying (women or their partners)

	A great deal/A lot NET	A great deal	A lot	Somewhat	Very little/Not at all NET	Very little	Not at all	DK/REF
Your personal doctor or your child's doctor	68	38	30	22	10	4	6	*
The Centers for Disease Control and Prevention	64	38	26	27	9	1	8	*
Your state or local public health department	51	19	33	37	11	3	8	-
Friends or family members who are employed in the field of health care	52	19	33	32	16	9	8	-
Friends or family members who are not employed in the field of health care	11	5	6	45	44	30	15	-
Television or radio news	34	10	24	55	11	6	5	-
Social networking sites such as Twitter, Facebook, blogs, or discussion boards	23	6	16	41	36	25	11	*
A religious leader from your faith	14	6	8	39	48	26	22	-
Websites from other health organizations, like WebMD	38	14	24	43	19	12	7	-
The March of Dimes or its #ZAPzika campaign	38	14	23	49	12	5	7	1

N=156

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If a lot, some, or only a little in Q11

Q17. In response to reports of the Zika virus, have you or has someone in your household done any of the following or haven't you done this?

[ITEMS RANDOMIZED]

AP-NORC 3/17-21/2016

	Yes	No	DK/REF
Applied insect repellent when spending time outdoors	33	67	1
Changed past or future travel plans to areas affected by the Zika virus	11	89	1
Removed sources of standing water from your yard or household that provide mosquito-breeding sites, such as tires, buckets, toys, or trash containers	36	64	*
Closed windows and used air conditioning or put screens in windows to keep mosquitos outside	30	70	1
Avoided people you think may have recently visited areas affected by the Zika virus	10	89	1
Worn long-sleeved shirts and long pants to avoid being bitten by mosquitos	22	76	1

N=865

NORC 8/23-28/2016, All adults age 18+

	Yes	No	DK/REF
Applied insect repellent when spending time outdoors	49	50	1
Changed past or future travel plans to areas affected by the Zika virus	15	85	1
Removed sources of standing water from your yard or household that provide mosquito-breeding sites, such as tires, buckets, toys, or trash containers	53	47	*
Closed windows and used air conditioning or put screens in windows to keep mosquitos outside	47	52	1
Avoided people you think may have recently visited areas affected by the Zika virus	13	86	1
Worn long-sleeved shirts and long pants to avoid being bitten by mosquitos	30	69	1
Abstained from sex or used condoms or dental dams to prevent sexual transmission	14	84	1

N=2,240

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Men age 18-40

	Yes	No	DK/REF
Applied insect repellent when spending time outdoors	38	62	*
Changed past or future travel plans to areas affected by the Zika virus	14	86	*
Removed sources of standing water from your yard or household that provide mosquito-breeding sites, such as tires, buckets, toys, or trash containers	37	63	*
Closed windows and used air conditioning or put screens in windows to keep mosquitos outside	32	68	*
Avoided people you think may have recently visited areas affected by the Zika virus	12	88	*
Worn long-sleeved shirts and long pants to avoid being bitten by mosquitos	22	78	-
Abstained from sex or used condoms or dental dams to prevent sexual transmission	13	87	-

N=602

Women age 18-40

	Yes	No	DK/REF
Applied insect repellent when spending time outdoors	57	43	1
Changed past or future travel plans to areas affected by the Zika virus	19	80	*
Removed sources of standing water from your yard or household that provide mosquito-breeding sites, such as tires, buckets, toys, or trash containers	47	52	1
Closed windows and used air conditioning or put screens in windows to keep mosquitos outside	50	50	*
Avoided people you think may have recently visited areas affected by the Zika virus	20	79	1
Worn long-sleeved shirts and long pants to avoid being bitten by mosquitos	35	64	1
Abstained from sex or used condoms or dental dams to prevent sexual transmission	21	79	*

N=1,037

Pregnant or trying (women or their partners)

	Yes	No	DK/REF
Applied insect repellent when spending time outdoors	58	42	-
Changed past or future travel plans to areas affected by the Zika virus	28	71	1
Removed sources of standing water from your yard or household that provide mosquito-breeding sites, such as tires, buckets, toys, or trash containers	49	50	1
Closed windows and used air conditioning or put screens in windows to keep mosquitos outside	47	53	-
Avoided people you think may have recently visited areas affected by the Zika virus	23	75	2
Worn long-sleeved shirts and long pants to avoid being bitten by mosquitos	45	55	-
Abstained from sex or used condoms or dental dams to prevent sexual transmission	22	78	-

N=156

If a lot, some, or a little in Q11 and yes, applied insect repellent in Q17

NEWQ17A. Was the insect repellent that you or a household member applied registered by the EPA, that is the Environmental Protection Agency? This includes all insect repellents that contain DEET.

	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Yes, the repellent was EPA registered	60	57	54	54
No, the repellent was not EPA registered	6	6	4	9
Unsure	35	37	41	38
SKIPPED ON WEB/REFUSED	*	-	-	-

N=

1,079

236

555

83

If a lot, some, or a little in Q11 and age 18-40

NEWQ9. In response to reports of the Zika virus, have you...?

[ITEMS RANDOMIZED]

NORC 8/23-28/2016, All adults age 18-40

	Yes	No	DK/REF
Abstained from having sex to prevent pregnancy	13	86	1
Used condoms or other forms of birth control to prevent pregnancy	24	75	1

N=1,639

Men age 18-40

	Yes	No	DK/REF
Abstained from having sex to prevent pregnancy	10	89	1
Used condoms or other forms of birth control to prevent pregnancy	20	79	1

N=602

Women age 18-40

	Yes	No	DK/REF
Abstained from having sex to prevent pregnancy	16	83	1
Used condoms or other forms of birth control to prevent pregnancy	28	71	1

N=1,037

Pregnant or trying (women or their partners)

	Yes	No	DK/REF
Abstained from having sex to prevent pregnancy	13	86	1
Used condoms or other forms of birth control to prevent pregnancy	18	81	1

N=153

If a lot, some, or a little in Q11 and age 18-40

NEWQ11. As far as you know, is the use of insect repellent with DEET as the active ingredient safe for use by pregnant women?

	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Yes	22	17	20	30
No	13	17	12	17
Unsure	64	66	68	54
SKIPPED ON WEB/REFUSED	*	-	*	-

N=

2,240

602

1,037

156

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If a lot, some, or a little in Q11 and age 18-40

NEWQ12. When it comes to making decisions about becoming pregnant...

NORC 8/23-28/2016, All adults age 18-40

	Yes	No	DK/REF
Have you or your partner or spouse changed your plans because of Zika?	7	92	1
Do you know someone else who has changed their plans because of Zika?	12	88	*

N=1,639

Men age 18-40

	Yes	No	DK/REF
Have you or your partner or spouse changed your plans because of Zika?	6	94	*
Do you know someone else who has changed their plans because of Zika?	10	90	*

N=602

Women age 18-40

	Yes	No	DK/REF
Have you or your partner or spouse changed your plans because of Zika?	9	91	1
Do you know someone else who has changed their plans because of Zika?	14	86	*

N=1,037

Pregnant or trying (women or their partners)

	Yes	No	DK/REF
Have you or your partner or spouse changed your plans because of Zika?	17	83	-
Do you know someone else who has changed their plans because of Zika?	24	76	-

N=153

Q18. As you may know, the Zika virus is spread to people primarily through being bitten by an infected mosquito, but can also be spread through human sexual contact with an infected man. Symptoms associated with the illness are generally mild and go away within a week.

However the Zika virus has been linked to a serious birth defect of the brain called microcephaly in babies of mothers infected during pregnancy. Microcephaly is linked with a range of problems, including: seizures, developmental delays, intellectual disabilities, feeding problems, and hearing and vision problems. The condition can be life threatening.

Currently, no vaccine exists to prevent the spread of the Zika virus and much is still unknown about the disease. Locations where the Zika virus is currently being spread by mosquitos include Africa, the Americas, Southeast Asia, and the Pacific Islands.²

How confident are you in the federal government's ability to respond effectively to an outbreak of the Zika virus...?

[ITEMS RANDOMIZED; HALF SAMPLE ASKED RESPONSE OPTIONS IN REVERSE ORDER]

AP-NORC 3/17-21/2016

	Not very/not at all confident NET	Not at all confident	Not very confident	Somewhat confident	Extremely/very confident NET	Very confident	Extremely confident	DK/REF
Worldwide	44	12	32	40	13	10	2	3
In the United States	26	7	19	46	27	22	5	1

N=1,004

NORC 8/23-28/2016, All adults age 18+

	Not very/not at all confident NET	Not at all confident	Not very confident	Somewhat confident	Extremely/very confident NET	Very confident	Extremely confident	DK/REF
Worldwide	49	16	34	39	11	7	3	1
In the United States	30	8	22	45	24	18	6	1

N=2,379

² In March 2016, this question read, "Locations where the Zika virus is currently being spread by mosquitos include Africa, the Americas, the Pacific Islands, Puerto Rico, and some parts of Florida."

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Men age 18-40

	Not very/not at all confident NET	Not at all confident	Not very confident	Somewhat confident	Extremely/very confident NET	Very confident	Extremely confident	DK/REF
Worldwide	47	18	29	41	12	8	4	*
In the United States	30	12	18	43	27	21	6	*

N=646

Women age 18-40

	Not very/not at all confident NET	Not at all confident	Not very confident	Somewhat confident	Extremely/very confident NET	Very confident	Extremely confident	DK/REF
Worldwide	45	13	33	43	11	8	3	1
In the United States	28	9	20	51	20	15	5	*

N=1,108

Pregnant or trying (women or their partners)

	Not very/not at all confident NET	Not at all confident	Not very confident	Somewhat confident	Extremely/very confident NET	Very confident	Extremely confident	DK/REF
Worldwide	50	11	39	37	13	10	3	*
In the United States	36	7	29	41	22	14	8	*

N=169

NEWQ12A. How confident are you in your state's ability to respond effectively to an outbreak of the Zika virus in your area?

[HALF SAMPLE ASKED RESPONSE OPTIONS IN REVERSE ORDER]

	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Extremely/very confident NET	20	22	18	14
Extremely confident	5	8	5	5
Very confident	15	14	14	10
Somewhat confident	47	44	51	46
Not very/not at all confident NET	33	35	30	39
Not very confident	23	22	21	32
Not at all confident	10	13	9	7
DON'T KNOW/SKIPPED ON WEB/REFUSED	*	-	*	-
<i>N=</i>	2,379	646	1,108	169

NEWQ13A. Do you approve, disapprove, or neither approve nor disapprove of the way [INSERT ITEM] is handling the federal government's response to the outbreak of the Zika virus in the United States?

NORC 8/23-28/2016, All adults age 18+

	Approve	Neither approve nor disapprove	Disapprove	DK/REF
President Obama	25	53	20	2
Congress	11	53	33	3

N=2,379

Men age 18-40

	Approve	Neither approve nor disapprove	Disapprove	DK/REF
President Obama	25	58	17	1
Congress	12	60	27	1

N=646

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Women age 18-40

	Approve	Neither approve nor disapprove	Disapprove	DK/REF
President Obama	19	70	10	1
Congress	10	75	14	2

N=1,108

Pregnant or trying (women or their partners)

	Approve	Neither approve nor disapprove	Disapprove	DK/REF
President Obama	31	53	16	1
Congress	23	57	18	2

N=169

NEWQ14A. Do you think increasing federal government funding for research to develop vaccines and treatments is necessary or unnecessary to prevent the spread of the Zika virus?

	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Increasing federal government funding is necessary	74	67	75	78
Increasing federal government funding is unnecessary	25	32	24	22
DON'T KNOW/SKIPPED ON WEB/REFUSED	1	1	1	-

N=

2,379

646

1,108

169

Q19. To control the spread of the Zika virus, do you support, oppose, or neither support nor oppose the following measures?

[ITEMS RANDOMIZED]

AP-NORC 3/17-21/2016

	Strongly/ moderately support NET	Strongly support	Moderately support	Neither support nor oppose	Strongly/ moderately oppose NET	Moderately oppose	Strongly oppose	DK/ REF
Rules and regulations that mandate homeowners and businesses to remove standing water and other mosquito breeding sites from their property	62	33	29	23	14	9	5	1
Introducing genetically modified male mosquitos in areas affected by Zika virus. The mosquitos are modified to produce offspring that cannot survive long enough to breed.	56	28	28	26	16	8	8	2
The application of pesticides and larvicides in public spaces	56	22	34	24	19	12	7	1
Temporarily allowing organic farmers to use pesticides and larvicides to control mosquitos without losing their organic certification	46	19	27	27	25	14	11	1

N=1,004

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NORC 8/23-28/2016, All adults age 18+

	Strongly/ moderately support NET	Strongly support	Moderately support	Neither support nor oppose	Strongly/ moderately oppose NET	Moderately oppose	Strongly oppose	DK/ REF
Rules and regulations that mandate homeowners and businesses to remove standing water and other mosquito breeding sites from their property	68	40	28	20	12	6	6	*
Introducing genetically modified male mosquitos in areas affected by Zika virus. The mosquitos are modified to produce offspring that cannot survive long enough to breed.	56	29	27	25	18	9	9	2
The application of pesticides and larvicides in public spaces	62	26	36	18	18	11	7	1
Temporarily allowing organic farmers to use pesticides and larvicides to control mosquitos without losing their organic certification	45	19	26	26	28	14	14	1

N=2,379

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Men age 18-40

	Strongly/ moderately support NET	Strongly support	Moderately support	Neither support nor oppose	Strongly/ moderately oppose NET	Moderately oppose	Strongly oppose	DK/ REF
Rules and regulations that mandate homeowners and businesses to remove standing water and other mosquito breeding sites from their property	59	33	26	27	14	6	8	*
Introducing genetically modified male mosquitos in areas affected by Zika virus. The mosquitos are modified to produce offspring that cannot survive long enough to breed.	66	27	29	25	19	9	10	*
The application of pesticides and larvicides in public spaces	50	17	33	26	23	12	12	*
Temporarily allowing organic farmers to use pesticides and larvicides to control mosquitos without losing their organic certification	38	15	23	31	31	16	15	*

N=646

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Women age 18-40

	Strongly/ moderately support NET	Strongly support	Moderately support	Neither support nor oppose	Strongly/ moderately oppose NET	Moderately oppose	Strongly oppose	DK/ REF
Rules and regulations that mandate homeowners and businesses to remove standing water and other mosquito breeding sites from their property	61	35	26	28	10	5	5	1
Introducing genetically modified male mosquitos in areas affected by Zika virus. The mosquitos are modified to produce offspring that cannot survive long enough to breed.	42	18	25	35	21	10	11	2
The application of pesticides and larvicides in public spaces	50	21	29	30	18	10	8	1
Temporarily allowing organic farmers to use pesticides and larvicides to control mosquitos without losing their organic certification	38	16	22	33	27	13	14	2

N=1,108

Pregnant or trying (women or their partners)

	Strongly/ moderately support NET	Strongly support	Moderately support	Neither support nor oppose	Strongly/ moderately oppose NET	Moderately oppose	Strongly oppose	DK/ REF
Rules and regulations that mandate homeowners and businesses to remove standing water and other mosquito breeding sites from their property	58	31	27	32	10	5	5	1
Introducing genetically modified male mosquitos in areas affected by Zika virus. The mosquitos are modified to produce offspring that cannot survive long enough to breed.	52	18	34	31	17	8	9	*
The application of pesticides and larvicides in public spaces	63	22	41	19	17	8	9	1
Temporarily allowing organic farmers to use pesticides and larvicides to control mosquitos without losing their organic certification	48	19	29	25	26	16	10	2

N=169

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If a lot, some, or only a little in Q11

NEWQ15. Has a healthcare provider discussed the Zika virus with you, or not?

	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Yes	6	7	9	25
No	94	92	90	73
SKIPPED ON WEB/REFUSED	*	*	*	2
<i>N=</i>	2,240	602	1,037	156

Q21. Is anyone in your household pregnant or trying to become pregnant?

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
I am currently pregnant ³	2	1	-	3	16
I am currently trying to get pregnant	2	1	-	4	27
My spouse or partner is currently pregnant	1	1	4	*	22
My spouse or partner is trying to get pregnant	2	1	5	1	35
Someone else in my household is pregnant	2	2	2	1	-
None of the above	91	94	88	91	-
DON'T KNOW	-	*	-	-	-
SKIPPED ON WEB/REFUSED	*	*	-	*	-
<i>N=</i>	1,004	2,379	646	1,108	169

³ Response options "I am currently pregnant" and "I am currently trying to get pregnant" were only offered to women age 18 to 59.

PID1. Do you consider yourself a Democrat, a Republican, an Independent or none of these?

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Democrat	32	34	31	38	40
Republican	26	24	19	18	24
Independent	26	24	30	19	26
None of these	15	16	19	24	10
DON'T KNOW	*	*	-	*	-
SKIP/REFUSED	1	1	1	*	-
<i>N=</i>	1,004	2,379	646	1,108	169

If Democrat in PID1

PIDA. Do you consider yourself a strong Democrat or a moderate Democrat?

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Strong Democrat	36	44	34	34	44
Moderate Democrat	64	56	66	65	56
DON'T KNOW	-	*	-	-	-
SKIP/REFUSED	*	1	*	1	-
<i>N=</i>	342	865	207	442	56

If Republican in PID1

PIDB. Do you consider yourself a strong Republican or a moderate Republican?

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Strong Republican	31	41	32	27	35
Moderate Republican	69	58	68	70	65
DON'T KNOW	-	*	-	-	-
SKIP/REFUSED	-	1	-	3	-
<i>N=</i>	242	490	121	198	48

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If Independent, None of these, or Don't Know/Skip/Refused in PID1

PIDI. Do you lean more toward the Democrats or the Republicans?

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Lean Democrat	29	30	33	28	25
Lean Republican	28	26	26	18	23
Don't lean	43	43	41	53	51
DON'T KNOW	*	*	*	*	-
SKIP/REFUSED	1	1	*	1	-
<i>N=</i>	420	1,024	318	468	65

PID1/PIDA/PIDB/PIDI. Party Identification

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Democrat NET	44	47	47	50	49
Strong Democrat	11	15	10	13	17
Moderate Democrat	21	19	20	25	22
Lean Democrat	12	13	17	13	9
Don't lean/Independent/None	18	18	21	23	18
Republican NET	38	35	32	26	33
Lean Republican	12	11	13	8	8
Moderate Republican	18	14	13	13	16
Strong Republican	8	10	6	5	9
DON'T KNOW/SKIP/REFUSED	*	1	*	1	-
<i>N=</i>	1,004	2,379	646	1,108	169

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AGE

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
18-24	12	12	35	26	21
25-34	17	18	42	48	48
35-44	18	16	23	25	29
45-54	16	17	-	-	1
55-64	17	17	-	-	-
65-74	12	14	-	-	-
75+	7	6	-	-	-
<i>N=</i>	1,004	2,379	646	1,108	169

GENDER

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Male	48	48	100	0	51
Female	52	52	0	100	49
<i>N=</i>	1,004	2,379	646	1,108	169

RACE/ETHNICITY

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
White, non-Hispanic	65	64	58	54	49
African American, non-Hispanic	12	12	10	16	20
Hispanic	16	16	22	21	23
Other	8	8	11	9	7
<i>N=</i>	1,004	2,379	646	1,108	169

MARITAL STATUS

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Married	51	45	32	41	52
Widowed	5	5	*	*	-
Divorced	12	14	3	5	4
Separated	3	2	2	2	-
Never married	24	26	51	40	32
Living with partner	5	7	11	12	12
<i>N=</i>	1,004	2,379	646	1,108	169

EMPLOYMENT STATUS

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Employed	57	57	72	64	77
Not employed	43	43	28	36	23
<i>N=</i>	1,004	2,379	646	1,108	169

EDUCATION

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
No high school diploma	12	12	11	12	11
High school graduate	30	29	27	26	25
Some college	26	27	28	33	24
Bachelor's degree or above	32	32	34	28	39
<i>N=</i>	1,004	2,379	646	1,108	169

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INCOME

	AP-NORC 3/17-21/2016	NORC 8/23-28/2016 All adults age 18+	Men age 18-40	Women age 18-40	Pregnant or trying (women or their partners)
Under \$10,000	6	7	7	10	12
\$10,000 to under \$20,000	11	10	8	10	10
\$20,000 to under \$30,000	15	13	15	15	12
\$30,000 to under \$40,000	9	9	9	10	11
\$40,000 to under \$50,000	10	8	8	10	8
\$50,000 to under \$75,000	17	19	18	16	17
\$75,000 to under \$100,000	10	14	14	12	12
\$100,000 to under \$150,000	15	12	13	13	14
\$150,000 or more	7	7	9	4	5
<i>N=</i>	1,004	2,379	646	1,108	169

Study Methodology

This survey was conducted by NORC at the University of Chicago with funding from the March of Dimes. Data were collected using AmeriSpeak®, a probability-based panel designed to be representative of the U.S. household population. During the initial recruitment phase of the panel, randomly selected U.S. households were sampled with a known, non-zero probability of selection from the NORC National Sample Frame and then contacted by U.S. mail, email, telephone, and field interviewers (face-to-face).

Interviews for this survey were conducted between August 23 and 28, 2016, with adults age 18 and over representing the 50 states and the District of Columbia. Panel members were randomly drawn from AmeriSpeak®. There were 2,379 completed surveys—2,106 via the web and 273 via telephone. The survey included oversamples of men and women age 18-40 for a total of 646 interviews with men age 18-40 and 1,108 interviews with women age 18-40. The final stage completion rate is 32.2 percent, the weighted household panel response rate is 21.3 percent, and the weighted household panel retention rate is 93.8 percent, for a cumulative response rate of 6.4 percent. The overall margin of sampling error is +/- 3.2 percentage points at the 95 percent confidence level, including the design effect. The margin of sampling error may be higher for subgroups.

All respondents were offered a cash equivalent incentive to complete the survey with male respondents age 18-40 years offered an additional incentive.

Once the sample has been selected and fielded, and all the study data have been collected and made final, a poststratification process is used to adjust for any survey nonresponse as well as any non-coverage or under- and oversampling resulting from the study-specific sample design. Poststratification variables included age, gender, census division, race/ethnicity, and household phone status. The weighted data, which reflect the U.S. population of adults age 18 and over, were used for all analyses.

All differences reported between subgroups of the U.S. population are at the 95 percent level of statistical significance, meaning that there is only a 5 percent (or lower) probability that the observed differences could be attributed to chance variation in sampling.

About the March of Dimes

The March of Dimes is the leading nonprofit organization for pregnancy and baby health. For more than 75 years, moms and babies have benefited from March of Dimes research, education, vaccines, and breakthroughs. For the latest resources and health information, visit our websites marchofdimes.org and nacersano.org. If you have been affected by prematurity or birth defects, visit our shareyourstory.org community to find comfort and support. For detailed national, state, and local perinatal statistics, visit persistats.org. You can also find us on [Facebook](https://www.facebook.com/marchofdimes) or follow us on [Twitter](https://twitter.com/marchofdimes).

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NORC at the University of Chicago is an independent research institution that delivers reliable data and rigorous analysis to guide critical programmatic, business, and policy decisions. Since 1941, NORC has conducted groundbreaking studies, created and applied innovative methods and tools, and advanced principles of scientific integrity and collaboration. Today, government, corporate, and nonprofit clients around the world partner with NORC to transform increasingly complex information into useful knowledge.

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NORC conducts research in five main areas: Economics, Markets, and the Workforce; Education, Training, and Learning; Global Development; Health and Well-Being; and Society, Media, and Public Affairs.

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