**Harvard Opinion Research Program**

**Harvard T. H. Chan School of Public Health**

 **Public Views of the Zika Virus Outbreak**

**Topline Data**

*The poll was conducted for the Harvard T.H. Chan School of Public Health via telephone by SSRS, an independent research company. Interviews were conducted from March 02 through March 08, 2016. The study collected data from 1,275 respondents. The margin of error for total respondents is +/- 3.23 percentage points at the 95% confidence level.*

As you may or may not know, in 2015, an outbreak of Zika virus began in Brazil, other countries in South and Central America, and the Caribbean. There are now some cases inside the United States. The following questions are about Zika virus.

ZI-1. How closely are you following news about the current outbreak of Zika virus? Are you following the news very closely, somewhat closely, not too closely, or not at all?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **FOLLOWING NEWS ABOUT CURRENT ZIKA OUTBREAK**  |  |  |  |
|  | **NET** | **Very closely** | **Somewhat Closely** | **Not too closely** | **Not at all** | **Don’t know** | **Refused** |
| **3/8/16** | **78** | 14 | 38 | 25 | 22 | \* | \* |

**(Asked of total respondents who are following news about the current outbreak of Zika virus; n= 997)**

ZI-2. How do you get most of your news about the current outbreak of Zika virus -- from television, from newspapers, from radio, from magazines, or from the Internet?

ZI-2a. Is that local news, national network news, cable news or something else?

ZI-2b. Is that in print or online?

ZI-2c. Is that in print or online?

ZI-2d. Is that search engines, news websites, government websites, social media or something else?

**ZI-2/ZI-2a/ZI-2b/ZI-2c/ZI-2d Combo Table**

**Based on Total Respondents who are following news about the current outbreak of Zika virus; n= 997**

|  |  |
| --- | --- |
|  | **3/8/16** |
| **Television (NET)** | **54** |
| Local news | 24 |
| National network news | 21 |
| Cable news | 7 |
| Something else | 1 |
| Unspecified | \* |
| **Newspapers (NET)** | **7** |
| Print | 6 |
| Online | 1 |
| Unspecified | -- |
| Radio | 6 |
| **Magazines (NET)** | **\*** |
| Print | \* |
| Online | -- |
| Unspecified | -- |
| **Internet (NET)** | **31** |
| Search engines | 4 |
| News websites | 15 |
| Government websites | 2 |
| Social media | 8 |
| Something else | 2 |
| Unspecified | \* |
| Don’t know | 1 |
| Refused | \* |

ZI-3. How much do you trust information about the current outbreak of Zika virus that comes from…(INSERT ITEM)? Would you say a lot, some, not too much, not at all? How about (INSERT ITEM)?

1. The National Institutes of Health, the NIH?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **A LOT/SOME** | **NOT TOO MUCH/NOT AT ALL** |  |  |
|  | **NET** | **A lot** | **Some** | **NET** | **Not too much** | **Not at all** | **Don’t know** | **Refused** |
| 3/8/16 | **67** | 36 | 31 | **24** | 12 | 12 | 9 | \* |

1. The Centers for Disease Control and Prevention, the CDC?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **A LOT/SOME** | **NOT TOO MUCH/NOT AT ALL** |  |  |
|  | **NET** | **A lot** | **Some** | **NET** | **Not too much** | **Not at all** | **Don’t know** | **Refused** |
| **3/8/16** | **78** | 46 | 32 | **18** | 10 | 8 | 3 | \* |

1. Your state public health department?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **A LOT/SOME** | **NOT TOO MUCH/NOT AT ALL** |  |  |
|  | **NET** | **A lot** | **Some** | **NET** | **Not too much** | **Not at all** | **Don’t know** | **Refused** |
| **3/8/16** | **68** | 32 | 36 | **27** | 15 | 12 | 5 | \* |

 d. Your local public health department?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **A LOT/SOME** | **NOT TOO MUCH/NOT AT ALL** |  |  |
|  | **NET** | **A lot** | **Some** | **NET** | **Not too much** | **Not at all** | **Don’t know** | **Refused** |
| **3/8/16** | **67** | 29 | 38 | **27** | 13 | 14 | 6 | \* |

**(Asked of total respondents in half sample A; n= 611)**

ZI-4. Are you concerned that you or someone in your immediate family may get infected with Zika virus during the next 12 months, or aren’t you concerned about that?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes, concerned** | **No, not concerned** | **Don’t know** | **Refused** |
| **3/8/16** | 27 | 72 | 1 | \* |

**(Asked of total respondents in half sample A who are concerned they or someone in their immediate family may get infected with Zika virus during the next 12 months; n= 157)**

ZI-5. How concerned are you? Are you very concerned, somewhat concerned, or not very concerned?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Very concerned** | **Somewhat concerned** | **Not very concerned** | **Don’t know** | **Refused** |
| **3/8/16** | 50 | 42 | 8 | -- | -- |

**ZI-4/ZI-5 Combo Table**

**Based on Total Respondents in half sample A; n= 611**

|  |  |
| --- | --- |
|  | **3/8/16** |
| Very concerned | 14 |
| Somewhat concerned | 11 |
| Not very concerned | 2 |
| Don’t know | -- |
| Refused | -- |
| No, not concerned | 72 |
| Don’t know | 1 |
| Refused | \* |

**(Asked of total respondents in half sample B; n= 664)**

ZI-6. Do you think it is likely that you or someone in your immediate family may get infected with Zika virus during the next 12 months, or don’t you think that’s likely?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes, likely** | **No, not likely** | **Don’t know** | **Refused** |
| **3/8/16** | 10 | 86 | 4 | -- |

**(Asked of total respondents in half sample B who think it is likely they or someone in their immediate family may get infected with Zika virus during the next 12 months; n= 67)**

ZI-7. How likely do you think it is? Do you think it is very likely, somewhat likely, or not very likely?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Very likely** | **Somewhat likely** | **Not very likely** | **Don’t know** | **Refused** |
| **3/8/16** | 25 | 53 | 22 | -- | -- |

**ZI-6/ZI-7 Combo Table**

**Based on Total Respondents in half sample B; n= 664**

|  |  |
| --- | --- |
|  | **3/8/16** |
| Very likely | 3 |
| Somewhat likely | 5 |
| Not very likely | 2 |
| Don’t know | -- |
| Refused | -- |
| No, not likely | 86 |
| Don’t know | 4 |
| Refused | -- |

ZI-8. To the best of your knowledge, can a person get infected with Zika virus in each of the following ways or can’t they? How about [INSERT]?

1. By being sneezed or coughed on by someone who has Zika virus

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes, this is a way** | **No, this is not a way** | **Don’t know** | **Refused** |
| **3/8/16** | 31 | 53 | 17 | -- |

1. Through mosquito bites

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes, this is a way** | **No, this is not a way** | **Don’t know** | **Refused** |
| **3/8/16** | 87 | 7 | 6 | -- |

1. Through sexual intercourse without condoms

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes, this is a way** | **No, this is not a way** | **Don’t know** | **Refused** |
| **3/8/16** | 60 | 24 | 15 | \* |

1. Through blood transfusions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes, this is a way** | **No, this is not a way** | **Don’t know** | **Refused** |
| **3/8/16** | 71 | 15 | 15 | \* |

1. Through contact with urine or saliva of someone who has Zika virus

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes, this is a way** | **No, this is not a way** | **Don’t know** | **Refused** |
| **3/8/16** | 44 | 36 | 20 | \* |

1. From mother to baby during pregnancy

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes, this is a way** | **No, this is not a way** | **Don’t know** | **Refused** |
| **3/8/16** | 78 | 11 | 10 | -- |

ZI-9. How likely is it that a person who gets infected with Zika virus will have any symptoms?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **VERY/SOMEWHAT LIKELY** | **NOT VERY/NOT AT ALL LIKELY** |  |  |
|  | **NET** | **Very likely** | **Somewhat likely** | **NET** | **Not very likely** | **Not at all likely** | **Don’t know** | **Refused** |
| **3/8/16** | **71** | 23 | 48 | **19** | 14 | 5 | 10 | \* |

ZI-10. If a person infected with Zika virus **does** get symptoms, are each of the following items common symptoms, or aren’t they? As I read the list, please tell me if you think it IS a common symptom, if you think it is NOT a common symptom, or if you are NOT SURE whether it is a common symptom. How about (INSERT)?

1. Fever

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Is a common symptom** | **Is NOT a common symptom** | **Not sure whether it is a common symptom** | **Don’t know** | **Refused** |
| **3/8/16** | 68 | 4 | 25 | 3 | \* |

1. Rash

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Is a common symptom** | **Is NOT a common symptom** | **Not sure whether it is a common symptom** | **Don’t know** | **Refused** |
| **3/8/16** | 34 | 15 | 46 | 5 | \* |

1. Joint pain

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Is a common symptom** | **Is NOT a common symptom** | **Not sure whether it is a common symptom** | **Don’t know** | **Refused** |
| **3/8/16** | 41 | 13 | 42 | 5 | \* |

1. Headache

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Is a common symptom** | **Is NOT a common symptom** | **Not sure whether it is a common symptom** | **Don’t know** | **Refused** |
| **3/8/16** | 49 | 11 | 35 | 4 | \* |

1. Conjunctivitis or red eyes

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Is a common symptom** | **Is NOT a common symptom** | **Not sure whether it is a common symptom** | **Don’t know** | **Refused** |
| **3/8/16** | 18 | 23 | 53 | 6 | \* |

 f. Coughing and sneezing

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Is a common symptom** | **Is NOT a common symptom** | **Not sure whether it is a common symptom** | **Don’t know** | **Refused** |
| **3/8/16** | 35 | 19 | 42 | 4 | \* |

ZI-11. To the best of your knowledge, have each of the following health complications been associated with Zika virus or not? How about (INSERT ITEM)?

1. An infection of the lungs, also called “pneumonia”

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes** | **No** | **Don’t know** | **Refused** |
| **3/8/16** | 30 | 37 | 33 | \* |

1. A form of paralysis, also called “Guillain-Barré Syndrome”

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes** | **No** | **Don’t know** | **Refused** |
| **3/8/16** | 29 | 31 | 40 | \* |

 c. A birth defect in babies born to infected mothers, where the baby’s head is unusually small and can be a sign of incomplete brain development, also called “microcephaly”

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes** | **No** | **Don’t know** | **Refused** |
| **3/8/16** | 75 | 12 | 13 | \* |

**(Asked of total respondents who think Guillain-Barré Syndrome is a health complication associated with Zika virus; n= 376)**

ZI-12. If an adult gets infected with Zika virus, how likely do you think it is that they will get serious paralysis? Do you think it is…

**ZI-11b/ZI-12 Combo Table**

**Based on Total Respondents**

|  |  |
| --- | --- |
|  | **3/8/16** |
| Yes, Guillain-Barré Syndrome is a health complication associated with Zika virus | 29 |
| **Likely they will get serious paralysis** | **16** |
| Very likely | 4 |
| Somewhat likely | 12 |
| **NOT likely they will get serious paralysis** | **11** |
| Not very likely | 8 |
| Not at all likely | 3 |
| Don’t know | 1 |
| Refused | -- |
| No, Guillain-Barré Syndrome is not a health complication associated with Zika virus | 31 |
| Don’t know | 40 |
| Refused | \* |

**(Asked of total respondents who think Guillain-Barré Syndrome is a health complication associated with Zika virus; n= 376)**

ZI-13. To the best of your knowledge, is there an effective treatment for adults who get serious paralysis, or doesn’t such a treatment exist?

**ZI-11b/ZI-13 Combo Table**

**Based on Total Respondents**

|  |  |
| --- | --- |
|  | **3/8/16** |
| Yes, Guillain-Barré Syndrome is a health complication associated with Zika virus | 29 |
| Yes, there is an effective treatment | 6 |
| No, such a treatment doesn’t exist | 17 |
| Don’t know | 6 |
| Refused | -- |
| No, Guillain-Barré Syndrome is not a health complication associated with Zika virus | 31 |
| Don’t know | 40 |
| Refused | \* |

**(Asked of total respondents who think Microcephaly is a health complication associated with Zika virus; n= 979)**

ZI-14.If a **pregnant** woman gets infected with Zika virus, how likely do you think it is that her baby will be born with a serious birth defect where the baby’s head is unusually small? Do you think it is…

**ZI-11c/ZI-14 Combo Table**

**Based on Total Respondents**

|  |  |
| --- | --- |
|  | **3/8/16** |
| Yes, Microcephaly is a health complication associated with Zika virus | 75 |
| **Likely baby will be born with a serious birth defect** | **69** |
| Very likely | 40 |
| Somewhat likely | 29 |
| **NOT likely baby will be born with a serious birth defect** | **4** |
| Not very likely | 3 |
| Not at all likely | 1 |
| Don’t know | 1 |
| Refused | \* |
| No, Microcephaly is not a health complication associated with Zika virus | 12 |
| Don’t know | 13 |
| Refused | \* |

**(Asked of total respondents who think Microcephaly is a health complication associated with Zika virus; n= 979)**

ZI-15. To the best of your knowledge, if a **pregnant** woman gets infected with Zika virus, is there an effective way to protect her baby from getting a serious birth defect where their head is unusually small, or is there no effective way to protect her baby?

**ZI-11c/ZI-15 Combo Table**

**Based on Total Respondents**

|  |  |
| --- | --- |
|  | **3/8/16** |
| Yes, Microcephaly is a health complication associated with Zika virus | 75 |
| Yes, there is an effective way to protect baby from serious birth defect | 8 |
| No, there is no effective way | 49 |
| Don’t know | 18 |
| Refused | -- |
| No, Microcephaly is not a health complication associated with Zika virus | 12 |
| Don’t know | 13 |
| Refused | \* |

**(Asked of total respondents who think Microcephaly is a health complication associated with Zika virus; n= 979)**

ZI-16. To the best of your knowledge, if a baby is born with a serious birth defect where their head is unusually small, is there an effective treatment, or doesn’t such a treatment exist?

**ZI-11c/ZI-16 Combo Table**

**Based on Total Respondents**

|  |  |
| --- | --- |
|  | **3/8/16** |
| Yes, Microcephaly is a health complication associated with Zika virus | 75 |
| Yes, there is an effective treatment if a baby is born with a serious birth defect | 5 |
| No, such a treatment doesn’t exist | 56 |
| Don’t know | 14 |
| Refused | -- |
| No, Microcephaly is not a health complication associated with Zika virus | 12 |
| Don’t know | 13 |
| Refused | \* |

**(Asked of total respondents who think Microcephaly is a health complication associated with Zika virus; n= 979)**

ZI-17. If a woman who is **NOT** pregnant gets infected with Zika virus, how likely do you think it is to harm **future** pregnancies? Do you think it is…

**ZI-11c/ZI-17 Combo Table**

**Based on Total Respondents**

|  |  |
| --- | --- |
|  | **3/8/16** |
| Yes, Microcephaly is a health complication associated with Zika virus | 75 |
| **Likely will harm future pregnancies** | **39** |
| Very likely | 13 |
| Somewhat likely | 26 |
| **NOT likely will harm future pregnancies** | **28** |
| Not very likely | 19 |
| Not at all likely | 9 |
| Don’t know | 7 |
| Refused | \* |
| No, Microcephaly is not a health complication associated with Zika virus | 12 |
| Don’t know | 13 |
| Refused | \* |

ZI-18. To the best of your knowledge, is there a vaccine against Zika virus, or isn’t there one?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes** | **No** | **Don’t know** | **Refused** |
| **3/8/16** | 11 | 72 | 16 | \* |

ZI-19. Where you live, are there a lot of mosquitoes around during the summer, or aren’t there very many mosquitoes?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes, a lot of mosquitoes during the summer** | **No, not very many mosquitoes** | **Don’t know** | **Refused** |
| **3/8/16** | 56 | 42 | 2 | \* |

ZI-20. During the summer, do you routinely take precautions to avoid getting mosquito bites, or not?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes, routinely take precautions** | **No, do not routinely take precautions** | **Don’t know** | **Refused** |
| **3/8/16** | 67 | 32 | \* | \* |

**(Asked of total respondents who routinely take precautions to avoid getting mosquito bites; n= 864)**

ZI-21. During the summer, do you routinely do any of the following things to avoid getting mosquito bites? Do you routinely (INSERT ITEM)?

**ZI-20/ZI-21a Combo Table**

**Based on Total Respondents**

|  |  |
| --- | --- |
|  | **3/8/16** |
| Yes, routinely take precautions | 67 |
| Yes, wear long-sleeved shirts or other protective clothing outdoors | 39 |
| No, do not wear long-sleeved shirts or other protective clothing outdoors | 28 |
| Don’t know | 1 |
| Refused | -- |
| No, do not routinely take precautions | 32 |
| Don’t know | \* |
| Refused | \* |

**ZI-20/ZI-21b Combo Table**

**Based on Total Respondents**

|  |  |
| --- | --- |
|  | **3/8/16** |
| Yes, routinely take precautions | 67 |
| Yes, replace or repair window screens | 46 |
| No, do not replace or repair window screens | 21 |
| Don’t know | \* |
| Refused | \* |
| No, do not routinely take precautions | 32 |
| Don’t know | \* |
| Refused | \* |

**ZI-20/ZI-21c Combo Table**

**Based on Total Respondents**

|  |  |
| --- | --- |
|  | **3/8/16** |
| Yes, routinely take precautions | 67 |
| Yes, remove standing water | 55 |
| No, do not remove standing water | 13 |
| Don’t know | \* |
| Refused | -- |
| No, do not routinely take precautions | 32 |
| Don’t know | \* |
| Refused | \* |

**ZI-20/ZI-21d Combo Table**

**Based on Total Respondents**

|  |  |
| --- | --- |
|  | **3/8/16** |
| Yes, routinely take precautions | 67 |
| Yes, use mosquito netting | 16 |
| No, do not use mosquito netting | 51 |
| Don’t know | -- |
| Refused | -- |
| No, do not routinely take precautions | 32 |
| Don’t know | \* |
| Refused | \* |

**ZI-20/ZI-21e Combo Table**

**Based on Total Respondents**

|  |  |
| --- | --- |
|  | **3/8/16** |
| Yes, routinely take precautions | 67 |
| Yes, avoid activities or areas that would bring you in contact with mosquitoes | 43 |
| No, do not avoid activities or areas that would bring you in contact with mosquitoes | 24 |
| Don’t know | \* |
| Refused | -- |
| No, do not routinely take precautions | 32 |
| Don’t know | \* |
| Refused | \* |

**ZI-20/ZI-21f Combo Table**

**Based on Total Respondents**

|  |  |
| --- | --- |
|  | **3/8/16** |
| Yes, routinely take precautions | 67 |
| Yes, wear insect repellant | 56 |
| No, do not wear insect repellant | 11 |
| Don’t know | \* |
| Refused | -- |
| No, do not routinely take precautions | 32 |
| Don’t know | \* |
| Refused | \* |

ZI-22. If there were cases of people getting infected with Zika virus in your city or town, would you approve or disapprove of special spraying **at the ground level** against mosquitoes to prevent the spread of Zika virus?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Approve** | **Disapprove** | **Don’t know** | **Refused** |
| **3/8/16** | 81 | 14 | 6 | \* |

ZI-23. 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?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Approve** | **Disapprove** | **Don’t know** | **Refused** |
| **3/8/16** | 66 | 27 | 6 | \* |

**CORE DEMOGRAPHICS:**

ZI-24. As far as you know, is anyone in your household currently pregnant?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes** | **No** | **Don’t know** | **Refused** |
| **3/8/16** | 3 | 97 | -- | \* |

ZI-25. As far as you know, is anyone in your household considering getting pregnant within the next 12 months?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Yes** | **No** | **Don’t know** | **Refused** |
| **3/8/16** | 6 | 92 | 1 | \* |

Z‑2. Are you…?

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Single, that is never married** | **Single, living with a partner** | **Married** | **Separated** | **Widowed** | **Divorced** | **Refused** |
| **3/8/16** | 21 | 8 | 52 | 2 | 8 | 9 | 1 |

Z-7. Age of Respondent

|  |  |
| --- | --- |
|  | **3/8/16** |
| 18-29 | 21 |
| 30-44 | 25 |
| 45-64 | 35 |
| 65+ | 19 |
| Refused | \* |

Z-8. What is the highest level of school you have completed or the highest degree you have received?

|  |  |
| --- | --- |
|  | **3/8/16** |
| Less than high school (Grades 1-8 or no formal schooling) | 4 |
| High school incomplete (Grades 9-11 or Grade 12 with NO diploma) | 8 |
| High school graduate (Grade 12 with diploma or GED certificate) | 33 |
| Some college, no degree (includes community college) | 15 |
| Two year associate degree from a college or university | 9 |
| Four year college or university degree/Bachelor’s degree (e.g., BS, BA, AB) | 16 |
| Some postgraduate or professional schooling, no postgraduate degree | 2 |
| Postgraduate or professional degree, including master’s, doctorate, medical or law degree (e.g., MA, MS, PhD, MD, JD) | 11 |
| Don’t know | \* |
| Refused | 1 |

Z-11. Do you consider yourself white, black or African American, Asian, Native American, Pacific Islander, mixed race or some other race?

|  |  |
| --- | --- |
|  | **3/8/16** |
| **White** | **71** |
| Non-Hispanic | 64 |
| Hispanic | 7 |
| **Black** | **13** |
| Non-Hispanic | 12 |
| Hispanic | 1 |
| **Hispanic** | **15** |
| White | 7 |
| Black | 1 |
| Unspecified | 7 |
| **Other Race** | **8** |
| Asian/Chinese/Japanese | 3 |
| Native American/American Indian/Alaska Native | 1 |
| Native Hawaiian and Other Pacific Islander | \* |
| Mixed | 3 |
| Other | \* |
| Refused | 2 |

Sex of Respondent

|  |  |  |
| --- | --- | --- |
|  | **Male** | **Female** |
| **3/8/16** | 48 | 52 |