

Survey questionnaire and topline

2016 PEW RESEARCH CENTER'S AMERICAN TRENDS PANEL

WAVE 17 May

FINAL TOPLINE

May 10 – June 6, 2016

FORM 2 N=1,480

ASK ALL FORMS [N=4,563]:

TALK Thinking about conversations you have had in person, on the phone, or by email, text message or social media, which of these topics, if any, have you talked about in the PAST 7 DAYS?

| | | <u>Selected</u> | <u>Not selected /No answer</u> |
|----|--|-----------------|------------------------------------|
| a. | The economy and job situation May 10-June 6,2016 | 46 | 54 |
| b. | Severe storms May 10-June 6,2016 | 37 | 63 |
| c. | Food and nutrition May 10-June 6,2016 | 47 | 53 |
| d. | The 2016 presidential election campaign May 10-June 6,2016 | 66 | 34 |
| e. | Health and medicine May 10-June 6,2016 | 53 | 47 |
| f. | Sports May 10-June 6,2016 | 36 | 64 |
| g. | None of these [EXCLUSIVE PUNCH] May 10-June 6,2016 | 7 | 93 |

OTHER QUESTIONS PREVIOUSLY RELEASED

ASK FORM 2 [N=1,480]:

FUD1 Compared with twenty years ago, do you think the eating habits of people in the U.S. are...

May 10-June 6

2016

| | |
|----|--------------------|
| 29 | More healthy today |
| 54 | Less healthy today |
| 17 | About the same |
| 1 | No answer |

ASK FORM 2 [N=1,480]:

FUD2 Compared with twenty years ago, do you think people in the U.S. pay...

May 10-June 6

2016

| | |
|----|--|
| 54 | More attention to eating healthy foods today |
| 26 | Less attention to eating healthy foods today |
| 19 | About the same amount of attention to eating healthy foods |
| 1 | No answer |

ASK FORM 2 [N=1,480]:

FUD3 Which of these do you think is a BIGGER PROBLEM in the U.S. today...

May 10-June 6

2016

| | |
|----|--|
| 12 | The total amount of food people eat is too much |
| 24 | The types of food that people eat are not healthy enough |
| 63 | Both are equally big problems today |
| 1 | No answer |

ASK FORM 2 [N=1,480]:FUD4 How important, if at all, do you think each of the following are when it comes to improving a person's chances of a long and healthy life?**[RANDOMIZE ITEMS]**

a. Healthy eating habits

May 10-June 6

2016

| | |
|----|----------------------|
| 72 | Very important |
| 25 | Somewhat important |
| 2 | Not too important |
| 1 | Not at all important |
| * | No answer |

b. Genetics and hereditary factors

May 10-June 6

2016

| | |
|----|----------------------|
| 47 | Very important |
| 45 | Somewhat important |
| 6 | Not too important |
| 1 | Not at all important |
| 1 | No answer |

c. Getting enough physical exercise

May 10-June 6

2016

| | |
|----|----------------------|
| 71 | Very important |
| 26 | Somewhat important |
| 1 | Not too important |
| 1 | Not at all important |
| * | No answer |

d. Safe and healthy housing conditions

May 10-June 6

2016

| | |
|----|----------------------|
| 61 | Very important |
| 34 | Somewhat important |
| 3 | Not too important |
| 1 | Not at all important |
| 1 | No answer |

ASK FORM 2 [N=1,480]:

FUD5 How often, if at all, do you hear or read news stories about the health effects of what people eat and drink?

May 10-June 6

2016

| | |
|----|----------------------|
| 23 | Every day |
| 43 | A few times a week |
| 24 | A few times a month |
| 9 | Less often than that |
| * | No answer |

ASK FORM 2 [N=1,480]:

FUD6 How often, if at all, do you hear or read news stories that have advice about the health effects of what people eat and drink which CONFLICTS WITH earlier news stories on these topics?

May 10-June 6

2016

| | |
|----|------------------|
| 21 | All the time |
| 51 | Some of the time |
| 21 | Not too often |
| 5 | Not at all |
| 1 | No answer |

ASK FORM 2 [N=1,480]:

FUD7 Which of these statements is closer to your own views, even if neither is exactly right?
[RANDOMIZE OPTIONS 1-2]

May 10-June 6

2016

| | |
|----|---|
| 61 | New research is constantly improving our understanding about the health effects of what people eat and drink, so it makes sense that these findings conflict with prior studies |
| 37 | Research about the health effects of what people eat and drink cannot really be trusted because so many studies conflict with each other |
| 2 | No answer |

ASK FORM 2 [N=1,480]:

FUD8 Which of these statements is closer to your own views, even if neither is exactly right?
[RANDOMIZE OPTIONS 1-2]

May 10-June 6

2016

| | |
|----|--|
| 25 | It is difficult to know how to eat healthy because there is so much conflicting information |
| 72 | Even though new studies sometimes disagree with prior findings, the core ideas about how to eat healthy are pretty well understood |
| 2 | No answer |

ASK FORM 2 [N=1,480]:

FUD9 How well, if at all, does each of these statements describe your overall approach to eating? **[RANDOMIZE ITEMS]**

a. I focus on the taste sensations of every meal

May 10-June 6

2016

| | |
|----|-----------------|
| 23 | Very well |
| 53 | Fairly well |
| 20 | Not too well |
| 4 | Not at all well |
| 1 | No answer |

b. I usually eat whatever is easy and most convenient

May 10-June 6

2016

| | |
|----|-----------------|
| 12 | Very well |
| 45 | Fairly well |
| 34 | Not too well |
| 9 | Not at all well |
| 1 | No answer |

c. My main focus is on eating healthy and nutritious

May 10-June 6

2016

| | |
|----|-----------------|
| 18 | Very well |
| 55 | Fairly well |
| 23 | Not too well |
| 3 | Not at all well |
| 1 | No answer |

d. I eat when it is necessary, but I don't care very much about what foods I eat

May 10-June 6

2016

| | |
|----|-----------------|
| 7 | Very well |
| 29 | Fairly well |
| 40 | Not too well |
| 23 | Not at all well |
| 1 | No answer |

ASK FORM 2 [N=1,480]:

FUD10 When it comes to eating healthy, which of these statements best describes you?
[RANDOMIZE OPTIONS 1-2]

May 10-June 6

2016

| | |
|----|---|
| 41 | Most days I eat about what I should |
| 58 | Most days I should probably be eating healthier |
| 1 | No answer |

NO QUESTIONS FUD11 AND FUD12**ASK FORM 2 [N=1,480]:**

FUD13 Have you, personally, done any grocery or food shopping in the PAST 30 days, or haven't you done this?

May 10-June 6

2016

| | |
|----|------------------------|
| 89 | Yes, have done this |
| 11 | No, have not done this |
| 1 | No answer |

NO QUESTION FUD14**ASK FORM 2 [N=1,480]:**

FUD15 Thinking about the PAST 30 DAYS, how often did you or someone in your household do each of the following? **[RANDOMIZE ITEMS]**

- a. Buy organic food (Include fruits, vegetables, meat, fish, grains and packaged foods.)

May 10-June 6

2016

| | |
|----|---------------|
| 43 | Several times |
| 25 | About once |
| 25 | Never |
| 6 | Not sure |
| 1 | No answer |

- b. Buy fruits and vegetables grown in your local area

May 10-June 6

2016

| | |
|----|---------------|
| 46 | Several times |
| 26 | About once |
| 13 | Never |
| 14 | Not sure |
| 1 | No answer |

FUD15 CONTINUED...

c. Buy GMO-free food, which is food labeled as having no genetically modified ingredients

May 10-June 6

2016

| | |
|----|---------------|
| 27 | Several times |
| 17 | About once |
| 28 | Never |
| 27 | Not sure |
| 1 | No answer |

d. Decide whether or not to buy a food product because of what you read in the nutrition and ingredients label

May 10-June 6

2016

| | |
|----|---------------|
| 49 | Several times |
| 22 | About once |
| 20 | Never |
| 8 | Not sure |
| 1 | No answer |

NO QUESTIONS FUD16-FUD18**ASK FORM 2 [N=1,480]:**

FUD19 How easy or hard is it to find organic foods in your local community? (Include fruits, vegetables, meat, fish, grains and packaged foods.)

May 10-June 6

2016

| | |
|----|-------------------|
| 33 | Very easy to find |
| 48 | Easy to find |
| 15 | Hard to find |
| 3 | Very hard to find |
| 1 | No answer |

ASK FORM 2 [N=1,480]:

FUD20 When organic foods COST MORE than conventionally-grown food, is the higher price an important reason in whether or not you buy it, or not an important reason in your buying decisions?

May 10-June 6

2016

| | |
|----|-----------------------------|
| 72 | Yes, an important reason |
| 27 | No, not an important reason |
| 1 | No answer |

ASK IF "BUY ORGANIC SEVERAL TIMES IN THE LAST 30 DAYS" OR "ONCE IN PAST 30 DAYS" (FUD15A=1,2) [N=1,032]:

Thinking about the organic food that you bought in the past 30 days (Include fruits, vegetables, meat, fish, grains and packaged foods.)... **[RANDOMIZE ITEMS]**

FUD21 Was the following a reason that you bought organic food, or not?

a. To help the environment

May 10-June 6

2016

| | |
|----|---------------------------|
| 33 | Yes, this was a reason |
| 60 | No, this was not a reason |
| 7 | No answer |

b. To get healthier foods

May 10-June 6

2016

| | |
|----|---------------------------|
| 76 | Yes, this was a reason |
| 17 | No, this was not a reason |
| 6 | No answer |

c. Because it was the most convenient

May 10-June 6

2016

| | |
|----|---------------------------|
| 22 | Yes, this was a reason |
| 72 | No, this was not a reason |
| 7 | No answer |

ASK FORM 2 [N=1,480]:

FUD22 How much of the food you eat is organic?

May 10-June 6

2016

| | |
|----|--------------|
| 6 | Most of it |
| 34 | Some of it |
| 44 | Not too much |
| 15 | None at all |
| 1 | No answer |

[RANDOMIZE ITEMS FUD23-FUD24]**ASK FORM 2 [N=1,480]:**

FUD23 Do you think organic fruits and vegetables generally ...

May 10-June 6

2016

| | |
|----|---|
| 32 | Taste better than conventionally-grown foods |
| 5 | Taste worse than conventionally-grown foods |
| 59 | Have about the same taste as conventionally-grown foods |
| 3 | No answer |

ASK FORM 2 [N=1,480]:

FUD24 Do you think organic fruits and vegetables generally ...

May 10-June 6

2016

| | |
|----|---|
| 55 | Better for one's health than conventionally-grown foods |
| 3 | Worse for one's health than conventionally-grown foods |
| 41 | Neither better nor worse for one's health than conventionally-grown foods |
| 1 | No answer |

NO QUESTIONS FUD25-FUD26**ASK FORM 2 [N=1,480]:**

FUD27 When hosting a social gathering, how often, if at all, do you think the host should ask guests ahead of time if they have any food restrictions or food allergies?

May 10-June 6

2016

| | |
|----|---------------|
| 37 | Always |
| 25 | Sometimes |
| 21 | Not too often |
| 16 | Never |
| 1 | No answer |

ASK FORM 2 [N=1,480]:

FUD28 How much, if at all, does it bother you when guests ask for special kinds of food options at a social gathering you are hosting?

May 10-June 6

2016

| | |
|----|--------------|
| 9 | A lot |
| 22 | Some |
| 37 | Not too much |
| 30 | Not at all |
| 2 | No answer |

ASK FORM 2 [N=1,480]:

FUD29 Do you consider yourself a vegan or vegetarian?

May 10-June 6

2016

| | |
|----|-----------------------------------|
| 3 | I am a strict vegan or vegetarian |
| 6 | I am mostly vegan or vegetarian |
| 91 | I am neither vegan or vegetarian |
| 1 | No answer |

ASK FORM 2 [N=1,480]:

FUD30 Do you currently have any kind of food intolerance or food allergy?

(Check as many as apply) **[ITEMS IN ORDER SHOWN]**

| <u>May 10-June 6, 2016</u> | | <u>Selected</u> | <u>Not selected</u> <u>/No answer</u> |
|----------------------------|---|-----------------|--|
| a. | I have a severe allergic reaction to some foods | 5 | 95 |
| b. | I have a mild or moderate allergic reaction to some foods | 11 | 89 |
| c. | I have an intolerance to some foods | 17 | 83 |
| d. | No, None of these [EXCLUSIVE PUNCH] | 69 | 31 |

ASK FORM 2 [N=1,480]:FUD31 Thinking about your CLOSEST FAMILY AND FRIENDS, how many of them...
[RANDOMIZE ITEMS]

a. Have a food intolerance or food allergy

May 10-June 6

2016

| | |
|----|--------------|
| 3 | Most of them |
| 21 | Some of them |
| 43 | Only a few |
| 33 | None of them |
| * | No answer |

b. Are vegan or vegetarian

May 10-June 6

2016

| | |
|----|--------------|
| 2 | Most of them |
| 10 | Some of them |
| 32 | Only a few |
| 55 | None of them |
| 1 | No answer |

c. Are focused on eating healthy and nutritious

May 10-June 6

2016

| | |
|----|--------------|
| 18 | Most of them |
| 50 | Some of them |
| 26 | Only a few |
| 6 | None of them |
| * | No answer |

ASK FORM 2 [N=1,480]:

Thinking about genetically modified foods, sometimes called GMOs...

FUD32 How much, if anything, have you heard or read about foods with genetically modified ingredients?

May 10-June 6

2016

| | |
|----|----------------|
| 29 | A lot |
| 52 | A little |
| 19 | Nothing at all |
| * | No answer |

ASK FORM 2 [N=1,480]:

FUD33A Do you think foods with genetically modified ingredients are generally...

May 10-June 6

2016

| | |
|----|--|
| 7 | Better for your health than foods with no genetically modified ingredients |
| 33 | Worse for your health than foods with no genetically modified ingredients |
| 32 | Neither better nor worse for your health than foods with no genetically modified ingredients |
| 26 | Not sure |
| 1 | No answer |

IF NO ANSWER OR NOT SURE (FUD33A=8,99) [N=366]:

FUD33B Even if you are not sure, which is closer to your views? Do you think foods with genetically modified ingredients are generally...

May 10-June 6

2016

| | |
|----|--|
| 11 | Better for your health than foods with no genetically modified ingredients |
| 22 | Worse for your health than foods with no genetically modified ingredients |
| 58 | Neither better nor worse for your health than foods with no genetically modified ingredients |
| 10 | No answer |

COMBINED RESPONSES FUD33A AND FUD33B [N=1,480]:

May 10-June 6

2016

| | |
|----|---|
| 10 | Better for your health than foods with no genetically modified ingredients/lean |
| 39 | Worse for your health than foods with no genetically modified ingredients/lean |
| 48 | Neither better nor worse for your health than foods with no genetically modified ingredients/lean |
| 3 | No answer/Refused to lean |

ASK IF "WORSE FOR YOUR HEALTH" (FUD33A=2 OR FUD33B=2) [N=594]:

FUD34 Do you think the health risk for people who eat genetically modified foods, over the course of their lifetime, is... **[FLIP ORDER OF RESPONSE OPTIONS HIGH TO LOW; LOW TO HIGH]**

May 10-June 6

2016

| | |
|----|-----------|
| 15 | Very high |
| 36 | High |
| 38 | Medium |
| 9 | Low |
| 2 | Very low |
| * | No answer |

COMBINED RESPONSES FUD33A, FUD33B AND FUD34 [N=1,480]:

May 10-June 6

2016

| | |
|----|---|
| 10 | Better for your health than foods with no genetically modified ingredients/lean |
| 39 | Worse for your health than foods with no genetically modified ingredients/lean |
| 6 | Very high |
| 14 | High |
| 15 | Medium |
| 3 | Low |
| 1 | Very low |
| * | No answer |
| 48 | Neither better nor worse for your health than foods with no genetically modified ingredients/lean |
| 3 | No answer/Refused to lean |

ASK FORM 2 [N=1,480]:

FUD35 How much do you, personally, care about the issue of genetically modified foods?

May 10-June 6

2016

| | |
|----|--------------|
| 16 | A great deal |
| 37 | Some |
| 31 | Not too much |
| 15 | Not at all |
| * | No answer |

ASK FORM 2 [N=1,480]:

FUD36 How much of the food you eat has genetically modified ingredients?

May 10-June 6

2016

| | |
|----|--------------|
| 11 | Most of it |
| 40 | Some of it |
| 31 | Not too much |
| 17 | None at all |
| 2 | No answer |

ASK FORM 2 [N=1,480]:FUD37 How likely is it that genetically modified foods will... **[RANDOMIZE ITEMS]**

a. Lead to more affordably-priced food

May 10-June 6

2016

| | |
|----|-------------------|
| 20 | Very likely |
| 36 | Fairly likely |
| 31 | Not too likely |
| 11 | Not at all likely |
| 2 | No answer |

b. Lead to health problems for the population as a whole

May 10-June 6

2016

| | |
|----|-------------------|
| 16 | Very likely |
| 33 | Fairly likely |
| 39 | Not too likely |
| 10 | Not at all likely |
| 2 | No answer |

FUD37 CONTINUED...

c. Create problems for the environment

May 10-June 6

2016

| | |
|----|-------------------|
| 18 | Very likely |
| 31 | Fairly likely |
| 59 | Not too likely |
| 9 | Not at all likely |
| 2 | No answer |

d. Increase the global food supply

May 10-June 6

2016

| | |
|----|-------------------|
| 25 | Very likely |
| 44 | Fairly likely |
| 23 | Not too likely |
| 6 | Not at all likely |
| 3 | No answer |

ASK FORM 2 [N=1,480]:

FUD38 What role, if any, do you think each of the following groups should have in MAKING DECISIONS ABOUT POLICY ISSUES related to genetically modified foods? **[RANDOMIZE ITEMS]**

a. Elected officials

May 10-June 6

2016

| | |
|----|--------------|
| 24 | A major role |
| 45 | A minor role |
| 30 | No role |
| 1 | No answer |

b. The general public

May 10-June 6

2016

| | |
|----|--------------|
| 57 | A major role |
| 32 | A minor role |
| 10 | No role |
| 1 | No answer |

FUD38 CONTINUED...

c. Scientists

May 10-June 6

2016

| | |
|----|--------------|
| 60 | A major role |
| 28 | A minor role |
| 11 | No role |
| 1 | No answer |

d. Food industry leaders

May 10-June 6

2016

| | |
|----|--------------|
| 42 | A major role |
| 41 | A minor role |
| 15 | No role |
| 2 | No answer |

e. Small farm owners

May 10-June 6

2016

| | |
|----|--------------|
| 60 | A major role |
| 30 | A minor role |
| 9 | No role |
| 1 | No answer |

ASK FORM 2 [N=1,480]:

FUD39

Thinking about what you have read and heard, how well do scientists understand the health risks and benefits of eating genetically modified foods?

May 10-June 6

2016

| | |
|----|-----------------|
| 19 | Very well |
| 44 | Fairly well |
| 29 | Not too well |
| 6 | Not at all well |
| 2 | No answer |

ASK FORM 2 [N=1,480]:

FUD40 How much, if at all, do you trust each of the following groups to give full and accurate information about the health risks and benefits of eating genetically modified foods?

[RANDOMIZE ITEMS]

a. Elected officials

May 10-June 6

2016

| | |
|----|--------------|
| 4 | A lot |
| 21 | Some |
| 38 | Not too much |
| 36 | Not at all |
| 1 | No answer |

b. Scientists

May 10-June 6

2016

| | |
|----|--------------|
| 35 | A lot |
| 43 | Some |
| 14 | Not too much |
| 7 | Not at all |
| 1 | No answer |

c. Food industry leaders

May 10-June 6

2016

| | |
|----|--------------|
| 10 | A lot |
| 32 | Some |
| 33 | Not too much |
| 24 | Not at all |
| 1 | No answer |

d. The news media

May 10-June 6

2016

| | |
|----|--------------|
| 9 | A lot |
| 36 | Some |
| 33 | Not too much |
| 21 | Not at all |
| 1 | No answer |

FUD40 CONTINUED...

e. Small farm owners

May 10-June 6

2016

| | |
|----|--------------|
| 29 | A lot |
| 49 | Some |
| 16 | Not too much |
| 5 | Not at all |
| 1 | No answer |

ASK FORM 2 [N=1,480]:

FUD41 As far as you know, how many scientists say that genetically modified foods are safe to eat?

May 10-June 6

2016

| | |
|----|-----------------|
| 14 | Almost all |
| 28 | More than half |
| 31 | About half |
| 16 | Fewer than half |
| 7 | Almost none |
| 5 | No answer |

ASK FORM 2 [N=1,480]:

FUD42 How often, if ever, do you think research findings from scientists about genetically modified foods are influenced by each of the following? **[RANDOMIZE ITEMS]**

a. The desire to help the industries they work with or work for

May 10-June 6

2016

| | |
|----|------------------|
| 30 | Most of the time |
| 50 | Some of the time |
| 13 | Not too often |
| 5 | Never |
| 2 | No answer |

b. Concern for the best interests of the public

May 10-June 6

2016

| | |
|----|------------------|
| 19 | Most of the time |
| 48 | Some of the time |
| 24 | Not too often |
| 6 | Never |
| 2 | No answer |

FUD42 CONTINUED...

c. Their own personal political leanings

May 10-June 6

2016

| | |
|----|------------------|
| 20 | Most of the time |
| 49 | Some of the time |
| 23 | Not too often |
| 6 | Never |
| 2 | No answer |

d. The desire to advance their career

May 10-June 6

2016

| | |
|----|------------------|
| 30 | Most of the time |
| 48 | Some of the time |
| 17 | Not too often |
| 3 | Never |
| 2 | No answer |

e. The best available scientific evidence

May 10-June 6

2016

| | |
|----|------------------|
| 30 | Most of the time |
| 51 | Some of the time |
| 13 | Not too often |
| 4 | Never |
| 2 | No answer |

ASK FORM 2 [N=1,480]:

FUD43 How closely, if at all, do you follow news about genetically modified foods?

May 10-June 6

2016

| | |
|----|--------------------|
| 6 | Very closely |
| 28 | Somewhat closely |
| 43 | Not too closely |
| 22 | Not at all closely |
| 1 | No answer |

ASK FORM 2 [N=1,480]:

FUD44 Overall, how would you rate the job news media do in covering issues about genetically modified foods?

May 10-June 6

2016

| | |
|----|-------------------|
| 5 | Very good job |
| 37 | Somewhat good job |
| 38 | Somewhat bad job |
| 18 | Very bad job |
| 3 | No answer |

NO QUESTION FUD45**[RANDOMIZE ITEMS BIO45-BIO46]****ASK FORM 2 [N=1,480]:**

FUD46 Do you think the news media generally... **[RANDOMIZE RESPONSE OPTIONS 1 AND 2 WITH 3 ALWAYS LAST]**

May 10-June 6

2016

| | |
|----|--|
| 30 | Exaggerate the health risks of genetically modified foods |
| 40 | Don't take the health risks of genetically modified foods seriously enough |
| 26 | Are about right in their reporting |
| 4 | No answer |

ASK FORM 2 [N=1,480]:

FUD47 Do you think the news media generally... **[RANDOMIZE RESPONSE OPTIONS 1 AND 2 WITH 3 ALWAYS LAST]**

May 10-June 6

2016

| | |
|----|--|
| 22 | Give too much attention to skeptics of the safety of genetically modified foods |
| 43 | Give too little attention to skeptics of the safety of genetically modified foods |
| 32 | Give about the right amount of attention to skeptics of the safety of genetically modified foods |
| 4 | No answer |

ASK ALL FORMS:

Here's a different kind of question. (If you don't know the answer, select "Not sure.") As far as you know...

ASK ALL [N=4,563]:

KNOSCT22 Which is the better way to determine whether a new drug is effective in treating a disease? If a scientist has a group of 1,000 volunteers with the disease to study, should she... **[RANDOMIZE OPTIONS 1-2]**

May 10-June 6

2016

| | |
|----|---|
| 65 | Give the drug to half of them but not to the other half, and compare how many in each group get better (<i>Correct</i>) |
| 35 | NET Incorrect/Not sure/No answer |
| 14 | Give the drug to all of them and see how many get better |
| 20 | Not sure |
| 1 | No answer |

[RANDOMIZE ITEMS KNOSCT23 TO KNOSCT34; KNOSCT22 ALWAYS FIRST]

ASK ALL:

KNOSCT23 What gas is made as a consequence of burning fossil fuels? Is it ... **[RANDOMIZE OPTIONS 1-4]**

May 10-June 6

2016

| | |
|----|-----------------------------------|
| 68 | Carbon dioxide (<i>Correct</i>) |
| 32 | NET Incorrect/Not sure/No answer |
| 4 | Hydrogen |
| 1 | Helium |
| 2 | Radon |
| 24 | Not sure |
| 1 | No answer |

NO QUESTION KNOSCT24, KNOSCT25 AND KNOSCT26

ASK ALL:

KNOSCT27

If the chances that an old bridge will collapse starts at 1% in week 1 and doubles each week (as shown below), what is the chance that the old bridge will collapse during week 7?

Chances the bridge will collapse is ...

1% at Week 1
2% at Week 2
4% at Week 3
8% at Week 4

Enter the % chance that the bridge will collapse at Week 7

May 10-June 6

2016

58 64% (*Correct*)
42 NET Incorrect/Not sure/No answer
20 All other numeric responses
19 Not sure
2 No answer

ASK ALL:

KNOSCT28

Which of the following conditions can be treated effectively by antibiotic medications?

[Check all that apply] **[RANDOMIZE ITEMS with ITEM e and f always last]**

May 10-June 6

2016

44 Bacterial infection only (*Correct*)
56 NET Incorrect/Not sure/No answer

| | | <u>Selected</u> | <u>Not selected</u> <u>/No answer</u> |
|----|--|-----------------|--|
| a. | Viral infections (such as a cold) | 22 | 78 |
| b. | Fungal infections (such as athlete's foot) | 27 | 73 |
| c. | Bacterial infections (such as strep throat infections) | 81 | 19 |
| d. | Allergic reactions to insect bites | 17 | 83 |
| e. | None of these [EXCLUSIVE PUNCH] | 2 | 98 |
| f. | Not sure [EXCLUSIVE PUNCH] | 10 | 90 |

ASK ALL:

KNOSCT29 If a scientist wants to determine if a new drug is effective at treating high blood pressure by giving half of a group of 1,000 volunteers a new medication and the other half a "sugar pill," she wants to rule out... **[RANDOMIZE OPTIONS 1-3]**

May 10-June 6

2016

| | |
|----|-------------------------------------|
| 55 | A placebo effect (<i>Correct</i>) |
| 45 | NET Incorrect/Not sure/No answer |
| 3 | A third person effect |
| 17 | A false consensus effect |
| 23 | Not sure |
| 1 | No answer |

NO QUESTION KNOSCT30**ASK ALL:**

KNOSCT31 Which of these terms refers to health benefits occurring when most people in a population get a vaccine? **[RANDOMIZE OPTIONS 1-3]**

May 10-June 6

2016

| | |
|----|----------------------------------|
| 32 | Herd immunity (<i>Correct</i>) |
| 68 | NET Incorrect/Not sure/No answer |
| 8 | Population control |
| 33 | Vaccination rate |
| 26 | Not sure |
| 2 | No answer |

ASK ALL:

KNOSCT32 Which of the following can be genetically modified?

[Check all that apply] **[RANDOMIZE ITEMS with ITEM e and f always last]**

May 10-June 6

2016

| | |
|----|----------------------------------|
| 36 | Selected all (<i>Correct</i>) |
| 64 | NET Incorrect/Not sure/No answer |

| | | <u>Selected</u> | <u>Not selected</u> <u>/No answer</u> |
|----|--|-----------------|--|
| a. | An apple | 59 | 41 |
| b. | Salmon | 51 | 49 |
| c. | A mosquito | 42 | 58 |
| d. | Corn | 70 | 30 |
| e. | None of these [EXCLUSIVE PUNCH] | 2 | 98 |
| f. | Not sure [EXCLUSIVE PUNCH] | 20 | 80 |

ASK ALL:

KNOSCT33 Humans and mice share the same genetic make-up by... **[RANDOMIZE ORDER LOW TO HIGH; HIGH TO LOW with NOT SURE ALWAYS LAST]**

May 10-June 6

2016

| | |
|----|--------------------------------------|
| 33 | About 50% or more (<i>Correct</i>) |
| 67 | NET Incorrect/Not sure/No answer |
| 7 | Less than 10% |
| 14 | Between 11% and 49% |
| 46 | Not sure |
| 1 | No answer |

ASK ALL:

KNOSCT34 Which gas makes up most of the Earth's atmosphere? **[RANDOMIZE OPTIONS 1-4]**

May 10-June 6

2016

| | |
|----|----------------------------------|
| 27 | Nitrogen (<i>Correct</i>) |
| 73 | NET Incorrect/Not Sure/No answer |
| 9 | Hydrogen |
| 10 | Carbon dioxide |
| 35 | Oxygen |
| 17 | Not sure |
| 2 | No answer |

TOTAL NUMBER CORRECT KNOSCT22 THROUGH KNOSCT34 [N=4,563]:

May 10-June 6

2016

| | |
|----|--|
| 4 | 9 out of 9 |
| 8 | 8 out of 9 |
| 10 | 7 out of 9 |
| 10 | 6 out of 9 |
| 13 | 5 out of 9 |
| 14 | 4 out of 9 |
| 11 | 3 out of 9 |
| 12 | 2 out of 9 |
| 10 | 1 out of 9 |
| 8 | 0 out of 9 |
| 22 | High science knowledge (7-9 correct) |
| 48 | Medium science knowledge (3-6 correct) |
| 30 | Low science knowledge (0-2 correct) |

More details on the science knowledge index can be found in [Chapter 4](#) and the [Methodology](#) section of the related report, "[The Politics of Climate.](#)"