

Survey questionnaire and topline

2016 PEW RESEARCH CENTER'S AMERICAN TRENDS PANEL

**WAVE 17 May
FINAL TOPLINE
May 10 – June 6, 2016
FORM 1 N=1,549**

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?
[Check all that apply] **[RANDOMIZE ITEMS; item g always last]**

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

ASK FORM 1 [N=1,549]:

LOCAL How much, if at all, is each of the following a problem in your local community?
[RANDOMIZE ITEMS]

- a. The quality of K-12 education in the public schools
May 10-June 6

2016

26	Big problem in my local community
39	Small problem in my local community
33	Not a problem in my local community
1	No answer

- b. Access to good quality health care
May 10-June 6

2016

27	Big problem in my local community
42	Small problem in my local community
30	Not a problem in my local community
1	No answer

LOCAL CONTINUED...

c. Availability of jobs

May 10-June 6

2016

44	Big problem in my local community
41	Small problem in my local community
14	Not a problem in my local community
1	No answer

ASK FORM 1 [N=1,549]:

BIO1 Compared with twenty years ago, do you think the health of the ADULT POPULATION in the U.S. as a whole is generally...

May 10-June 6

2016

33	Better today
42	Worse today
24	About the same
*	No answer

ASK FORM 1 [N=1,549]:

BIO2 Compared with twenty years ago, do you think health of CHILDREN in the U.S. as a whole is generally...

May 10-June 6

2016

31	Better today
48	Worse today
20	About the same
1	No answer

BIO3 THROUGH BIO7 PREVIOUSLY RELEASED [[Half of Americans Say Threats from Infectious Diseases are Growing](#)]**ASK FORM 1 [N=1,549]:**

BIO8 How important, if at all, do you think each of the following are when it comes to preventing a person from getting serious diseases such as cancer or heart disease?
[RANDOMIZE ITEMS]

a. Healthy eating habits

May 10-June 6

2016

70	Very important
25	Somewhat important
3	Not too important
1	Not at all important
1	No answer

BIOS CONTINUED...

b. Genetics and hereditary factors

May 10-June 6

2016

55	Very important
38	Somewhat important
5	Not too important
1	Not at all important
1	No answer

c. Getting enough physical exercise

May 10-June 6

2016

66	Very important
29	Somewhat important
3	Not too important
1	Not at all important
1	No answer

d. Safe and healthy housing conditions

May 10-June 6

2016

55	Very important
35	Somewhat important
7	Not too important
2	Not at all important
1	No answer

ASK FORM 1 [N=1,549]:

BIO9 Overall, would you say you, personally, have a...

May 10-June 6

2016

14	Very healthy lifestyle
66	Somewhat healthy lifestyle
17	Not very healthy lifestyle
2	Not at all healthy lifestyle
1	No answer

TREND FOR COMPARISON:

CBS News/New York Times survey conducted by telephone: Would you say you personally have a very healthy lifestyle, somewhat healthy, not very healthy, or not at all healthy lifestyle?

	CBS News/ New York Times 1997
Very healthy	36
Somewhat	57
Not very	6
Not at all	1
Don't know/No answer	*

ASK FORM 1 [N=1,549]:

BIO10 How often, if at all, do you hear or read news stories about the ways people can protect themselves from the risk of serious diseases such as cancer and heart disease?

May 10-June 6

2016

16	Every day
40	A few times a week
28	A few times a month
15	Less often than that
1	No answer

ASK FORM 1 [N=1,549]:

BIO11 How often, if at all, do you hear or read news stories that have advice about ways people can protect themselves from the risk of serious diseases which CONFLICTS WITH earlier news stories on these topics?

May 10-June 6

2016

13	All the time
50	Some of the time
29	Not too often
6	Not at all
2	No answer

ASK FORM 1 [N=1,549]:

BIO12 Which of these statements is closer to your own views, even if neither is exactly right?
[RANDOMIZE ORDER OF RESPONSE OPTIONS 1-2]

May 10-June 6

2016

74	New research is constantly improving our understanding about ways to protect people from the risk of serious disease, so it makes sense that these findings conflict with prior studies.
23	Research about ways people can protect themselves from the risk of serious disease cannot really be trusted because so many studies conflict with each other.
2	No answer

ASK FORM 1 [N=1,549]:

BIO13 Which, if any, of the following have you done within the PAST 12 MONTHS?

[Check all that apply] **[RANDOMIZE ITEMS; item e always last]**

		<u>Selected</u>	<u>Not selected</u> <u>/No answer</u>
a.	Gone to a health care provider for a general physical checkup exam	69	31
b.	Had a dental checkup or teeth cleaning	55	45
c.	Had an eye exam	43	57
d.	Had a flu shot	40	60
e.	None of these [EXCLUSIVE PUNCH]	12	88

ASK FORM 1 [N=1,549]:

BIO14 Do you currently have one person you think of as your primary care doctor or health care provider that you usually go to when you are sick or need health care, or not?

May 10-June 6

2016

76	Yes
23	No
1	No answer

ASK FORM 1 [N=1,549]:

BIO15 Have you seen a health care provider FOR AN ILLNESS OR MEDICAL CONDITION in the past 12 months, or not?

May 10-June 6

2016

63	Yes
36	No
2	No answer

COMBINED RESPONSES BIO15 AND BIO16 [BASED ON TOTAL N=1,549]:

BIO15 Have you seen a health care provider FOR AN ILLNESS OR MEDICAL CONDITION in the past 12 months, or not?

BIO16 Have you experienced the following when dealing with doctors, nurses, or other health care providers about an illness or medical condition within the past 12 months?

[RANDOMIZE ITEMS]

a. Your symptoms or concerns were carefully listened to
May 10-June 6
2016

		Among those who have seen a health care provider for an illness in the past year [n=1,076]
63	Have seen a health care provider for an illness in the past year	
55	Yes	87
7	No	12
1	Don't remember	1
*	No answer	*
36	Haven't seen a health care provider	
2	No answer	

b. You were confused about instructions you were given for treatment, medications or care you needed at home
May 10-June 6
2016

		Among those who have seen a health care provider for an illness in the past year [n=1,076]
63	Have seen a health care provider for an illness in the past year	
9	Yes	15
52	No	83
1	Don't remember	2
*	No answer	*
36	Haven't seen a health care provider	
2	No answer	

c. You felt rushed by your health care provider
May 10-June 6
2016

		Among those who have seen a health care provider for an illness in the past year [n=1,076]
63	Have seen a health care provider for an illness in the past year	
14	Yes	23
47	No	75
1	Don't remember	1
*	No answer	1
36	Haven't seen a health care provider	
2	No answer	

BIO15 AND BIO16 CONTINUED...

d. You got all the information you needed about your treatment, medications or care you needed at home

May 10-June 6 2016		Have seen a health care provider for an illness in the past year	Among those who have seen a health care provider for an illness in the past year [n=1,076]
63			
51	Yes		80
11	No		17
1	Don't remember		2
*	No answer		1
36	Haven't seen a health care provider		
2	No answer		

e. You felt your health care provider really cared about your health and well-being

May 10-June 6 2016		Have seen a health care provider for an illness in the past year	Among those who have seen a health care provider for an illness in the past year [n=1,076]
63			
53	Yes		84
8	No		13
1	Don't remember		2
1	No answer		1
36	Haven't seen a health care provider		
2	No answer		

ASK FORM 1 [N=1,549]:

People have different ways of dealing with medications and doctor visits when they are sick or have a health care concern.

BIO17 When you are experiencing cold or flu symptoms, do you usually take over-the-counter medications right away, or do you usually wait and see if your symptoms get worse?

May 10-June 6 2016	
41	I usually take over-the-counter medications right away
49	I usually wait and see if my symptoms get worse before taking over-the-counter medications
8	I never take over-the-counter medications
1	No answer

ASK FORM 1 [N=1,549]:

BIO18 When you feel sick, do you usually contact a doctor or health care provider immediately or do you usually wait until it is absolutely necessary? **[RANDOMIZE RESPONSE OPTIONS 1 and 2]**

May 10-June 6

2016

13	I usually contact a doctor or health care provider immediately
86	I usually wait until it is absolutely necessary before contacting a doctor or health care provider
1	No answer

TREND FOR COMPARISON:

CBS News/New York Times survey conducted by telephone: Some people usually call or go to the doctor almost immediately when they feel sick and other people usually wait to call or go to the doctor until it is absolutely necessary. How about you – do you usually call or go to the doctor almost immediately, or do you usually wait?

	<i>CBS News/ New York Times 1997</i>
Immediately	21
Wait	72
Other/Depends (VOL.)	6
Don't know/No answer	1

ASK FORM 1 [N=1,549]:

BIO19 When you make decisions about treatment for a serious health problem, which of these statements best describes you, even if neither is exactly right? **[RANDOMIZE RESPONSE OPTIONS 1 and 2]**

May 10-June 6

2016

30	I usually just ask a doctor or health care provider for advice
68	I usually ask a doctor or health care provider for advice and ALSO do my own research
2	No answer

TREND FOR COMPARISON:

CBS News/New York Times survey conducted by telephone: Think about how you make decisions about your own health. Do you usually just ask doctors for advice or do you ask doctors for advice and also do you own research?

	<i>CBS News/ New York Times 1997</i>
Just ask doctor's advice	34
Advice plus research	62
Only research (VOL.)	2
Something else (VOL.)	1
Don't know/No answer	1

ASK IF "ALSO DOES OWN RESEARCH" (BIO19=2) [N=1,121]:

BIO20 Which of these is the MAIN REASON that you also do your own research when making decisions about treatment for a serious health problem? **[RANDOMIZE RESPONSE OPTIONS 1-3]**

May 10-June 6

2016

53	Just to learn more about what the health care provider recommended
31	To check for other treatment options
14	To check for treatment side effects
3	No answer

COMBINED RESPONSES BIO19 AND BIO20 [BASED ON TOTAL N=1,549]:

BIO19 When you make decisions about treatment for a serious health problem, which of these statements best describes you, even if neither is exactly right?

[RANDOMIZE RESPONSE OPTIONS 1 and 2]

ASK IF "ALSO DOES OWN RESEARCH" (BIO19=2) [N=1,121]:

BIO20 Which of these is the MAIN REASON that you also do your own research when making decisions about treatment for a serious health problem?

[RANDOMIZE RESPONSE OPTIONS 1-3]

May 10-June 6

2016

30	I usually just ask a doctor or health care provider for advice
68	I usually ask a doctor or health care provider for advice and ALSO do my own research
36	Just to learn more about what the health care provider recommended
21	To check for other treatment options
9	To check for treatment side effects
2	No answer
2	No answer

ASK FORM 1 [N=1,549]:

BIO21 As far as you know, were you vaccinated against the major childhood diseases such as measles, mumps, rubella, polio, diphtheria and others when you were a child or teen, or didn't you have these vaccines?

May 10-June 6

2016

92	Yes, was vaccinated for the major childhood diseases
4	No, was not
4	Don't remember
1	No answer

NO QUESTION BIO22

ASK FORM 1 [N=1,549]:

BIO23 Are you currently a cigarette smoker, a former smoker or have you never smoked?

May 10-June 6

2016

18	Current smoker
28	Former smoker
52	Never smoked
1	No answer

TREND FOR COMPARISON:

NPR/Robert Wood Johnson Foundation/Harvard School of Public Health survey conducted by telephone: Are you a current smoker, former smoker or have you never smoked?

*NPR/Robert Wood Johnson
Foundation/Harvard School of
Public Health*

Sep 15-Oct 15, 2014

Current smoker	15
Former smoker	28
Never smoked	56
Don't know/Refused	1

ASK FORM 1 [N=1,549]:

Thinking about alternative medicines, including herbal remedies, acupuncture, chiropractic, energy therapies and other therapies...

BIO24 How much, if anything, have you heard or read about alternative medicines, used instead of or in addition to traditional medical treatments?

May 10-June 6

2016

32	A lot
54	A little
13	Nothing at all
1	No answer

ASK FORM 1 [N=1,549]:

BIO25 Have you, personally, ever tried any alternative medicine?

May 10-June 6

2016

50	Yes
50	No
1	No answer

ASK IF "EVER TRIED ALTERNATIVE MEDICINE" (BIO25=1) [N=812]:

BIO26 The most recent time you used alternative medicine, did you use it...
[RANDOMIZE OPTIONS 1 AND 2]

May 10-June 6

2016

40	Instead of traditional medical treatments
59	In addition to traditional medical treatments
1	No answer

COMBINED RESPONSES BIO25 AND BIO26 [BASED ON TOTAL N=1,549]:

BIO25 Have you, personally, ever tried any alternative medicine?

ASK IF "EVER TRIED ALTERNATIVE MEDICINE" (BIO25=1)

BIO26 The most recent time you used alternative medicine, did you use it...
[RANDOMIZE OPTIONS 1 AND 2]

May 10-June 6

2016

50	Yes, have tried
20	Instead of traditional medical treatments
29	In addition to traditional medical treatments
1	No answer
50	No
1	No answer

TRENDS FOR COMPARISON:

CBS News/New York Times survey conducted by telephone: Have you personally ever tried any alternative medicine?

	<i>CBS News/ New York Times 1997</i>
Yes	33
No	66
Don't know/No answer	1

CBS News/New York Times survey conducted by telephone: Did you use it (alternative medicine) in addition to traditional medicine, or instead of traditional medicine?

Note: Based on those saying they have ever tried any alternative medicine (33%)

	<i>CBS News/ New York Times 1997</i>
In addition	46
Instead of	42
Other (VOL.)	10
Don't know/No answer	2

ASK FORM 1 [N=1,549]:

BIO27 If you had a chronic medical condition, such as high blood pressure, asthma, diabetes, heart disease, cancer, chronic pain or others, how likely would you be to use alternative medicine?

May 10-June 6

2016

23	Very likely
32	Somewhat likely
31	Not too likely
13	Not at all likely
1	No answer

ASK FORM 1 [N=1,549]:

BIO28 Thinking about your CLOSEST FAMILY AND FRIENDS, how many of them...
[RANDOMIZE ITEMS]

a. Have a very healthy lifestyle

May 10-June 6

2016

20	Most of them
56	Some of them
20	Only a few
4	None of them
1	No answer

b. Ever use alternative medicine, such as herbal remedies, acupuncture, chiropractic, energy therapies and other therapies

May 10-June 6

2016

8	Most of them
32	Some of them
32	Only a few
27	None of them
1	No answer

NO QUESTION BIO29 OR BIO30**ASK FORM 1 [N=1,549]:**

BIO31 How often do you exercise or participate in vigorous physical activity?

May 10-June 6

2016

15	Every day
38	A few times a week
23	A few times a month
23	Less often than that
1	No answer

TREND FOR COMPARISON:

NPR/Robert Wood Johnson Foundation/Harvard School of Public Health survey conducted by telephone: How often do you exercise or participate in vigorous activity – every day, a few times a week, a few times a month, or less frequently than that?

*NPR/Robert Wood Johnson Foundation/Harvard School of Public Health
Sep 15-Oct 15, 2014*

Every day	29
A few times a week	45
A few times a month	13
Less frequently than that	13
Don't know/Refused	*

ASK FORM 1 [N=1,549]:

BIO32 When it comes to physical exercise, which of these statements best describes you?

May 10-June 6

2016

20	I get as much physical exercise as I should
79	I should probably be getting more physical exercise
1	No answer

TRENDS FOR COMPARISON:

Surveys conducted by telephone: Do you feel that you probably get as much physical exercise as you should, or do you feel you should probably be getting more physical exercise?

Pew Research

	<i>Center Feb 8-March 7 2006</i>	<i>Harvard School of Public Health June 2005</i>	<i>ABC News/ Time Magazine May 2004</i>
Get as much as you should	28	34	29
Should be getting more	70	66	71
Don't know/Refused	2	*	*

ASK FORM 1 [N=1,549]:

BIO33 Thinking about childhood vaccines for measles, mumps and rubella (MMR), how would you rate...**[RANDOMIZE ITEMS] [FLIP ORDER OF RESPONSE OPTIONS HIGH TO LOW; LOW TO HIGH USING SAME ORDER FOR BOTH ITEMS]**

a. The risk of side effects

May 10-June 6

2016

5	Very high
6	High
21	Medium
29	Low
38	Very low
1	No answer

BIO33 CONTINUED...

b. The preventive health benefits

May 10-June 6

2016

45	Very high
28	High
18	Medium
4	Low
3	Very low
2	No answer

ASK FORM 1 [N=1,549]:

BIO34 Overall, do you think...

May 10-June 6

2016

88	The benefits of childhood vaccines for measles, mumps and rubella outweigh the risks
10	The risks of childhood vaccines for measles, mumps and rubella outweigh the benefits
2	No answer

ASK FORM 1 [N=1,549]:BIO35 Which comes closer to your views about childhood vaccines for measles, mumps and rubella, even if neither is exactly right? **[RANDOMIZE RESPONSE OPTIONS 1-2]**

May 10-June 6

2016

17	Parents should be able to decide NOT to vaccinate their children, even if that may create health risks for other children and adults
82	Healthy children should be required to be vaccinated in order to attend public schools because of the potential risk for others when children are not vaccinated
2	No answer

ASK FORM 1 [N=1,549]:

BIO36 How much do you, personally, care about issues related to childhood vaccines?

May 10-June 6

2016

42	A great deal
39	Some
14	Not too much
3	Not at all
1	No answer

ASK FORM 1 [N=1,549]:

BIO37 What role, if any, do you think each of the following groups should have in MAKING DECISIONS ABOUT POLICY ISSUES related to childhood vaccines? **[RANDOMIZE ITEMS]**

a. Elected officials

May 10-June 6

2016

25	A major role
43	A minor role
30	No role
1	No answer

b. The general public

May 10-June 6

2016

47	A major role
39	A minor role
13	No role
1	No answer

c. Medical scientists

May 10-June 6

2016

73	A major role
19	A minor role
7	No role
2	No answer

d. Health insurance company leaders

May 10-June 6

2016

26	A major role
33	A minor role
39	No role
1	No answer

e. Pharmaceutical industry leaders

May 10-June 6

2016

27	A major role
37	A minor role
35	No role
2	No answer

ASK FORM 1 [N=1,549]:

BIO38 Thinking about what you have read and heard, how well do medical scientists understand the health risks and benefits of childhood vaccines for measles, mumps and rubella?

May 10-June 6

2016

47	Very well
43	Fairly well
7	Not too well
3	Not at all well
1	No answer

ASK FORM 1 [N=1,549]:

BIO39 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 childhood vaccines for measles, mumps and rubella? **[RANDOMIZE ITEMS]**

a. Elected officials

May 10-June 6

2016

6	A lot
26	Some
38	Not too much
30	Not at all
1	No answer

b. Medical scientists

May 10-June 6

2016

55	A lot
35	Some
5	Not too much
4	Not at all
1	No answer

c. Pharmaceutical industry leaders

May 10-June 6

2016

13	A lot
36	Some
30	Not too much
20	Not at all
2	No answer

BIO39 CONTINUED...

d. The news media

May 10-June 6

2016

8	A lot
34	Some
33	Not too much
23	Not at all
1	No answer

e. People from holistic or alternative health groups

May 10-June 6

2016

9	A lot
35	Some
33	Not too much
21	Not at all
2	No answer

ASK FORM 1 [N=1,549]:

BIO40 As far as you know, how many medical scientists say that childhood vaccines for measles, mumps and rubella are safe for healthy children?

May 10-June 6

2016

55	Almost all
28	More than half
9	About half
4	Fewer than half
2	Almost none
2	No answer

ASK FORM 1 [N=1,549]:

BIO41 How often, if ever, do you think research findings from medical scientists about the health risks and benefits of childhood vaccines 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

27	Most of the time
52	Some of the time
15	Not too often
5	Never
2	No answer

BIO41 CONTINUED...

b. Concern for the best interests of children's health

May 10-June 6

2016

55	Most of the time
35	Some of the time
5	Not too often
3	Never
2	No answer

c. Their own personal political leanings

May 10-June 6

2016

18	Most of the time
45	Some of the time
28	Not too often
7	Never
3	No answer

d. The desire to advance their career

May 10-June 6

2016

27	Most of the time
45	Some of the time
20	Not too often
6	Never
2	No answer

e. The best available scientific evidence

May 10-June 6

2016

52	Most of the time
36	Some of the time
6	Not too often
4	Never
2	No answer

ASK FORM 1 [N=1,549]:

BIO42 How closely, if at all, do you follow news about childhood vaccines?

May 10-June 6

2016

13	Very closely
37	Somewhat closely
36	Not too closely
12	Not at all closely
2	No answer

ASK FORM 1 [N=1,549]:

BIO43 Overall, how would you rate the job news media do in covering issues about childhood vaccines for measles, mumps and rubella?

May 10-June 6

2016

10	Very good job
51	Somewhat good job
29	Somewhat bad job
9	Very bad job
1	No answer

NO QUESTION BIO44**[RANDOMIZE ITEMS BIO45-BIO46]****ASK FORM 1 [N=1,549]:**

BIO45 Do you think the news media generally... **[RANDOMIZE RESPONSE OPTIONS 1 AND 2 WITH 3 ALWAYS LAST]**

May 10-June 6

2016

39	Exaggerate the health risks of childhood vaccines
24	Don't take the health risks of childhood vaccines seriously enough
33	Are about right in their reporting
3	No answer

ASK FORM 1 [N=1,549]:

BIO46 Do you think the news media generally... **[RANDOMIZE RESPONSE OPTIONS 1 AND 2 WITH 3 ALWAYS LAST]**

May 10-June 6

2016

40	Give too much attention to skeptics of childhood vaccines
24	Give too little attention to skeptics of childhood vaccines
32	Give about the right amount of attention to skeptics of childhood vaccines
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.](#)"