

## Survey question wording and topline

**2019 PEW RESEARCH CENTER'S AMERICAN TRENDS PANEL  
WAVE 55 FINAL TOPLINE  
OCTOBER 1-13, 2019  
TOTAL N=3,627**

**ASK ALL:**

ENV2 Do you favor or oppose EXPANDING each of the following sources of energy in our country? **[RANDOMIZE ITEMS]**

|  | <u>Favor</u> | <u>Oppose</u> | <u>No Answer</u> |
|--|--------------|---------------|------------------|
| a. More offshore oil and gas drilling<br>in U.S. waters                                  |              |               |                  |
| Oct 1-13, 2019   | 42           | 56            | 1                |
| Mar 27-Apr 9, 2018   | 39           | 60            | 1                |
| May 10-Jun 6, 2016   | 45           | 52            | 3                |
| b. More nuclear power plants to<br>generate electricity                                  |              |               |                  |
| Oct 1-13, 2019   | 49           | 49            | 2                |
| Mar 27-Apr 9, 2018   | 44           | 54            | 2                |
| May 10-Jun 6, 2016   | 43           | 54            | 3                |
| c. More coal mining  |              |               |                  |
| Oct 1-13, 2019   | 35           | 63            | 2                |
| Mar 27-Apr 9, 2018   | 37           | 61            | 2                |
| May 10-Jun 6, 2016   | 41           | 57            | 3                |
| d. More solar panel "farms"  |              |               |                  |
| Oct 1-13, 2019   | 92           | 8             | 1                |
| Mar 27-Apr 9, 2018   | 89           | 10            | 1                |
| May 10-Jun 6, 2016   | 89           | 9             | 2                |
| e. More hydraulic fracturing,<br>sometimes called "fracking," for<br>oil and natural gas |              |               |                  |
| Oct 1-13, 2019   | 38           | 60            | 2                |
| Mar 27-Apr 9, 2018   | 39           | 58            | 2                |
| May 10-Jun 6, 2016   | 42           | 53            | 5                |
| f. More wind turbine "farms"   |              |               |                  |
| Oct 1-13, 2019   | 85           | 14            | 1                |
| Mar 27-Apr 9, 2018   | 85           | 13            | 2                |
| May 10-Jun 6, 2016   | 83           | 14            | 3                |

**ASK FORM 1 [N=1,816]:**

EN1F1 Right now, which ONE of the following do you think should be the more important priority for addressing America's energy supply? **[RANDOMIZE RESPONSE OPTIONS]**

Oct 1-13

2019

|    |   |
|----|---|
| 77 | Developing alternative sources, such as wind, solar and hydrogen technology |
| 22 | Expanding exploration and production of oil, coal and natural gas           |
| 1  | No answer   |

**TREND FOR COMPARISON:**

Pew Research Center survey conducted by telephone: Right now, which ONE of the following do you think should be the more important priority for addressing America's energy supply **[READ AND RANDOMIZE]**?

|                       | <i>Developing<br/>alternative sources,<br/>such as wind, solar<br/>and hydrogen<br/><u>technology</u></i> | <i>Expanding<br/>exploration and<br/>production of oil,<br/>coal and natural<br/><u>gas</u></i> | <b>(VOL.)</b><br><i>Both should be<br/>given equal<br/><u>priority</u></i> | <b>(VOL.)</b><br><i><u>DK/Ref</u></i> |
|-----------------------|---|---|--|---------------------------------------|
| Jan 4-9, 2017         | 65  | 27  | 5  | 3                                     |
| Dec 3-7, 2014         | 60  | 30  | 5  | 4                                     |
| Feb 12-26, 2014       | 65  | 28  | 5  | 2                                     |
| Sep 4-8, 2013         | 58  | 34  | 6  | 3                                     |
| Feb 13-18, 2013       | 54  | 34  | 7  | 4                                     |
| Oct 24-28, 2012       | 47  | 39  | 9  | 5                                     |
| Mar 7-11, 2012        | 52  | 39  | 5  | 4                                     |
| Feb 22-Mar 1,<br>2011 | 63  | 29  | 6  | 2                                     |

**OTHER QUESTIONS HELD FOR FUTURE RELEASE****ASK ALL:**

ENV17 How often, if ever, do you make an effort to live in ways that help protect the environment?

| Oct 1-13<br><u>2019</u> |                  | May 10-<br>June 6<br><u>2016</u> |
|-------------------------|------------------|----------------------------------|
| 25                      | All the time     | 20                               |
| 63                      | Some of the time | 63                               |
| 9                       | Not too often    | 13                               |
| 2                       | Not at all       | 4                                |
| <1                      | No answer        | <1                               |

**ASK FORM 1 [N=1,816]:**

EN6F1 Do you do each of the following in your everyday life in order TO HELP PROTECT THE ENVIRONMENT, or don't you? **[RANDOMIZE ITEMS]**

|   | <u>Yes, I do<br/>this</u> | <u>No, I do<br/>not do this</u> | <u>No<br/>answer</u> |
|---|---------------------------|---------------------------------|----------------------|
| a. Eat less meat<br>Oct 1-13, 2019  | 41                        | 59                              | <1                   |
| b. Drive less or carpool<br>Oct 1-13, 2019  | 51                        | 49                              | <1                   |
| c. Reduce your food waste<br>Oct 1-13, 2019   | 80                        | 20                              | <1                   |
| d. Use fewer plastics that cannot be reused<br>(e.g., plastic bags, straws, cups)<br>Oct 1-13, 2019 | 72                        | 28                              | 1                    |
| e. Reduce the amount of water you use<br>Oct 1-13, 2019   | 68                        | 32                              | <1                   |

**ASK FORM 2 [N=1,811]:**

EN6F2 How much difference does it make when people do each of the following in their everyday lives TO HELP PROTECT THE ENVIRONMENT? **[RANDOMIZE ITEMS]**

|  | <u>Makes a big<br/>difference</u> | <u>Makes a small<br/>difference</u> | <u>Makes almost<br/>no difference</u> | <u>No<br/>answer</u> |
|--|-----------------------------------|-------------------------------------|---------------------------------------|----------------------|
| a. Eating less meat<br>Oct 1-13, 2019  | 24                                | 38                                  | 38                                    | <1                   |
| b. Driving less or carpooling<br>Oct 1-13, 2019  | 52                                | 40                                  | 7                                     | <1                   |
| c. Reducing their food waste<br>Oct 1-13, 2019   | 52                                | 37                                  | 10                                    | <1                   |
| d. Using fewer plastics that<br>cannot be reused (e.g.,<br>plastic bags, straws, cups)<br>Oct 1-13, 2019 | 67                                | 26                                  | 7                                     | <1                   |
| e. Reducing the amount of<br>water they use<br>Oct 1-13, 2019  | 50                                | 40                                  | 10                                    | <1                   |

**ASK ALL:**

ENVIR8 How much do you think the federal government is doing to... **[RANDOMIZE ITEMS; show on same screen]**

|  | <u>Too much</u> | <u>Too little</u> | <u>About the right amount</u> | <u>No Answer</u> |
|--|-----------------|-------------------|-------------------------------|------------------|
| a. Protect air quality                                       |                 |                   |                               |                  |
| Oct 1-13, 2019   | 4               | 67                | 28                            | 1                |
| Mar 27-Apr 9, 2018   | 8               | 64                | 27                            | 1                |
| b. Protect water quality of lakes, rivers and streams        |                 |                   |                               |                  |
| Oct 1-13, 2019   | 4               | 68                | 27                            | 1                |
| Mar 27-Apr 9, 2018   | 6               | 69                | 24                            | 1                |
| c. Protect animals and their habitats                        |                 |                   |                               |                  |
| Oct 1-13, 2019   | 7               | 62                | 31                            | 1                |
| Mar 27-Apr 9, 2018   | 9               | 63                | 27                            | 1                |
| d. Protect open lands in national parks and nature preserves |                 |                   |                               |                  |
| Oct 1-13, 2019   | 5               | 55                | 39                            | 1                |
| Mar 27-Apr 9, 2018   | 8               | 57                | 34                            | 1                |
| e. Reduce the effects of global climate change               |                 |                   |                               |                  |
| Oct 1-13, 2019   | 10              | 67                | 23                            | 1                |
| Mar 27-Apr 9, 2018   | 13              | 67                | 19                            | 1                |

**RANDOMIZE ORDER OF EN7 and EN8****ASK ALL:**

EN7 How much do you think human activity, such as the burning of fossil fuels, contributes to global climate change?

Oct 1-13

2019

|    |              |
|----|--------------|
| 49 | A great deal |
| 30 | Some         |
| 14 | Not too much |
| 5  | Not at all   |
| 2  | No answer    |

**ASK ALL:**

EN8 How much do you think natural patterns in the Earth's environment contribute to global climate change?

Oct 1-13

2019

|    |              |
|----|--------------|
| 35 | A great deal |
| 44 | Some         |
| 13 | Not too much |
| 4  | Not at all   |
| 2  | No answer    |

**RANDOMIZE ORDER OF CLIM5 AND CLIM6****ASK ALL:**

CLIM5 Do you think policies aimed at reducing the effects of global climate change generally...  
**[RANDOMIZE RESPONSE OPTIONS 1 AND 2]**

| Oct 1-13<br><u>2019</u> |   | Mar 27-<br>Apr 9<br><u>2018</u> |
|-------------------------|---|---------------------------------|
| 33                      | Help the U.S. economy                   | 30                              |
| 30                      | Hurt the U.S. economy                   | 31                              |
| 35                      | Make no difference for the U.S. economy | 36                              |
| 2                       | No answer                               | 2                               |

**ASK ALL:**

CLIM6 Do you think policies aimed at reducing the effects of global climate change generally...  
**[RANDOMIZE RESPONSE OPTIONS 1 AND 2 IN SAME ORDER AS CLIM5]**

| Oct 1-13<br><u>2019</u> |  | Mar 27-<br>Apr 9<br><u>2018</u> |
|-------------------------|--|---------------------------------|
| 54                      | Do more GOOD than harm for the environment | 49                              |
| 15                      | Do more HARM than good for the environment | 19                              |
| 29                      | Make no difference for the environment     | 30                              |
| 2                       | No answer                                  | 2                               |

**ASK FORM 1 [N=1,816]:**

CLIM9F1 How much, if at all, do you think global climate change is currently affecting...

|                         | <u>A great<br/>deal</u> | <u>Some</u> | <u>Not too<br/>much</u> | <u>Not at all</u> | <u>No Answer</u> |
|-------------------------|-------------------------|-------------|-------------------------|-------------------|------------------|
| a. The United States    |                         |             |                         |                   |                  |
| Oct 1-13, 2019          | 41                      | 35          | 15                      | 8                 | <1               |
| Mar 27-Apr 9, 2018      | 40                      | 35          | 16                      | 8                 | <1               |
| b. Your local community |                         |             |                         |                   |                  |
| Oct 1-13, 2019          | 25                      | 38          | 24                      | 12                | <1               |
| Mar 27-Apr 9, 2018      | 22                      | 37          | 25                      | 15                | <1               |

**ASK FORM 2 [N=1,811]:**

CLIM9F2 How much, if at all, do you think global climate change is currently affecting your local community?

|                | <u>A great<br/>deal</u> | <u>Some</u> | <u>Not too<br/>much</u> | <u>Not at all</u> | <u>No Answer</u> |
|----------------|-------------------------|-------------|-------------------------|-------------------|------------------|
| Oct 1-13, 2019 | 20                      | 40          | 25                      | 15                | 1                |

**COMBINED FORM 1 AND FORM 2 "YOUR LOCAL COMMUNITY" [N=3,627]**

|                      | <u>A great<br/>deal</u> | <u>Some</u> | <u>Not too<br/>much</u> | <u>Not at all</u> | <u>No Answer</u> |
|----------------------|-------------------------|-------------|-------------------------|-------------------|------------------|
| Your local community |                         |             |                         |                   |                  |
| Oct 1-13, 2019       | 22                      | 39          | 24                      | 13                | 1                |

**ASK IF CLIM9F1B=1,2 OR CLIM9F2=1,2 (LOCAL COMMUNITY AFFECTED A GREAT DEAL OR SOME) [N=2,284]:**

CLIM10 Would you say each of the following is a MAJOR way that global climate change is currently affecting your local community, or not? **[RANDOMIZE ITEMS]**

|    |  | <b>BASED ON ALL ASKED [N=2,284]</b> |                  |               |
|----|--|-------------------------------------|------------------|---------------|
|    |  | <u>Yes, a</u>                       | <u>No, not a</u> | No            |
|    |  | <u>major way</u>                    | <u>major way</u> | <u>answer</u> |
| a. | Droughts or water shortages                          |                                     |                  |               |
|    | Oct 1-13, 2019                                       | 64                                  | 35               | 1             |
| b. | Long periods of unusually hot weather                |                                     |                  |               |
|    | Oct 1-13, 2019                                       | 79                                  | 21               | 1             |
| c. | Severe weather, like floods or intense storms        |                                     |                  |               |
|    | Oct 1-13, 2019                                       | 70                                  | 29               | <1            |
| d. | Rising sea levels that erode beaches and shore lines |                                     |                  |               |
|    | Oct 1-13, 2019                                       | 56                                  | 43               | 1             |
| e. | Damage to forests and plant life                     |                                     |                  |               |
|    | Oct 1-13, 2019                                       | 67                                  | 32               | 1             |
| f. | Harm to animal wildlife and their habitats           |                                     |                  |               |
|    | Oct 1-13, 2019                                       | 69                                  | 30               | 1             |
| g. | More frequent wildfires                              |                                     |                  |               |
|    | Oct 1-13, 2019                                       | 56                                  | 43               | 1             |

## CLIM10 CONTINUED

BASED ON TOTAL  
[N=3627]

|   | Answered<br>"Local<br>community<br>affected a<br>great deal<br>or some"<br>to<br>CLIM9F1_B<br>or<br>CLIM9F2 |                           |    | No<br>answer<br>to<br>CLIM10 | Answered<br>"Local<br>community<br>affected<br>not too<br>much/not<br>at all" to<br>CLIM9F1_B<br>or<br>CLIM9F2 |   | No answer<br>to<br>CLIM9F1_B<br>or<br>CLIM9F2 |
|---|---|---------------------------|----|------------------------------|--|---|---|
|   | Yes, a<br>major<br>way  | No, not<br>a major<br>way |    |                              |  |   |   |
| a. Droughts or water shortages                          |   |                           |    |                              |  |   |   |
| Oct 1-13, 2019  | 62  | 39                        | 22 | 1                            | 38   | 1 |   |
| b. Long periods of unusually hot weather                |   |                           |    |                              |  |   |   |
| Oct 1-13, 2019  | 62  | 49                        | 13 | <1                           | 38   | 1 |   |
| c. Severe weather, like floods or intense storms        |   |                           |    |                              |  |   |   |
| Oct 1-13, 2019  | 62  | 43                        | 18 | <1                           | 38   | 1 |   |
| d. Rising sea levels that erode beaches and shore lines |   |                           |    |                              |  |   |   |
| Oct 1-13, 2019  | 62  | 34                        | 27 | 1                            | 38   | 1 |   |
| e. Damage to forests and plant life                     |   |                           |    |                              |  |   |   |
| Oct 1-13, 2019  | 62  | 41                        | 20 | <1                           | 38   | 1 |   |
| f. Harm to animal wildlife and their habitats           |   |                           |    |                              |  |   |   |
| Oct 1-13, 2019  | 62  | 43                        | 19 | <1                           | 38   | 1 |   |
| g. More frequent wildfires                              |   |                           |    |                              |  |   |   |
| Oct 1-13, 2019  | 62  | 35                        | 27 | 1                            | 38   | 1 |   |

## OTHER QUESTIONS HELD FOR FUTURE RELEASE