

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 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 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, sometimes called "fracking," for 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 alternative sources, such as wind, solar and hydrogen <u>technology</u></i>	<i>Expanding exploration and production of oil, <u>coal and natural</u> <u>gas</u></i>	<i>(VOL.) Both should be given equal <u>priority</u></i>	<i>(VOL.) <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, 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 <u>2019</u>		May 10- June 6 <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 this</u>	<u>No, I do not do this</u>	<u>No answer</u>
a. Eat less meat Oct 1-13, 2019	41	59	<1
b. Drive less or carpool Oct 1-13, 2019	51	49	<1
c. Reduce your food waste Oct 1-13, 2019	80	20	<1
d. Use fewer plastics that cannot be reused (e.g., plastic bags, straws, cups) Oct 1-13, 2019	72	28	1
e. Reduce the amount of water you use 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 difference</u>	<u>Makes a small difference</u>	<u>Makes almost no difference</u>	<u>No answer</u>
a. Eating less meat Oct 1-13, 2019	24	38	38	<1
b. Driving less or carpooling Oct 1-13, 2019	52	40	7	<1
c. Reducing their food waste Oct 1-13, 2019	52	37	10	<1
d. Using fewer plastics that cannot be reused (e.g., plastic bags, straws, cups) Oct 1-13, 2019	67	26	7	<1
e. Reducing the amount of water they use 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 2019		Mar 27- Apr 9 2018
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 2019		Mar 27- Apr 9 2018
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 deal</u>	<u>Some</u>	<u>Not too 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 deal</u>	<u>Some</u>	<u>Not too 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 deal</u>	<u>Some</u>	<u>Not too 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]**

		BASED ON ALL ASKED [N=2,284]		
		<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 "Local community affected a great deal or some" to CLIM9F1_B or CLIM9F2	<u>Yes, a major way</u>	<u>No, not a major way</u>	<u>No answer to CLIM10</u>	Answered "Local community affected not too much/not at all" to CLIM9F1_B or CLIM9F2	No answer to CLIM9F1_B or CLIM9F2
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