

**2024 PEW RESEARCH CENTER'S AMERICAN TRENDS PANEL  
WAVE 148 – SCIENCE TOPLINE  
May 13-19, 2024  
N=8,638**

*CORRECTION (Dec. 18, 2024): The topline previously included the wrong N (number of respondents who received a survey question) for the following questions: CCXTRW1\_a-e, EXTPERS, EXTPERSO, EWGOVT\_REBUILD, EWGOVT\_INSUR, EWGOVT\_BAN and EWGOVT\_STDS. These figures have been updated, and the change does not alter the findings of any published analyses by the Center.*

**OTHER QUESTIONS PREVIOUSLY RELEASED**

**ASK ALL:**

ENVRMPCT In the past 12 months, has your local community experienced the following?

**[RANDOMIZE ITEMS]**

	<u>Yes</u>	<u>No</u>	<u>No answer</u>
a. Droughts or water shortages			
May 13-19, 2024	27	72	1
May 30-Jun 4, 2023	33	67	<1
May 2-8, 2022	31	69	1
b. Long periods of unusually hot weather			
May 13-19, 2024	46	53	1
May 30-Jun 4, 2023	45	55	<1
May 2-8, 2022	42	57	1
c. Severe weather, like floods or intense storms			
May 13-19, 2024	51	49	1
May 30-Jun 4, 2023	44	56	<1
May 2-8, 2022	43	57	<1
d. Rising sea levels that erode beaches and shorelines			
May 13-19, 2024	17	82	1
May 30-Jun 4, 2023	16	83	1
May 2-8, 2022	16	83	1
e. Major wildfires			
May 13-19, 2024	17	82	1
May 30-Jun 4, 2023	18	82	<1
May 2-8, 2022	21	78	<1

**ASK IF EXPERIENCED EVENT (ENVRMPCTa-e=1):**

CCXTRW1 In the past 12 months, how much do you think climate change contributed to the following in your local community? **[DISPLAY ITEMS IN SAME ORDER AS ENVRMPCT, ONLY SHOW ITEMS MARKED AS YES (ENVRMPCTa-e=1)]**

	<u>A lot</u>	<u>A little</u>	<u>Not at all</u>	<u>No answer</u>
<b>ASK IF EXPERIENCED (ENVRMPCTa=1) [N=2,318]:</b>				
a. Droughts or water shortages				
May 13-19, 2024	53	32	15	<1
May 30-Jun 4, 2023	53	31	16	<1
May 2-8, 2022	54	32	13	<1
<b>ASK IF EXPERIENCED (ENVRMPCTb=1) [N=4,108]:</b>				
b. Long periods of unusually hot weather				
May 13-19, 2024	61	28	11	<1
May 30-Jun 4, 2023	60	30	10	<1
May 2-8, 2022	61	30	8	<1
<b>ASK IF EXPERIENCED (ENVRMPCTc=1) [N=4,381]:</b>				
c. Severe weather, like floods or intense storms				
May 13-19, 2024	47	34	18	1
May 30-Jun 4, 2023	50	34	15	<1
May 2-8, 2022	49	35	15	<1
<b>ASK IF EXPERIENCED (ENVRMPCTd=1) [N=1,605]:</b>				
d. Rising sea levels that erode beaches and shorelines				
May 13-19, 2024	57	34	9	<1
May 30-Jun 4, 2023	56	36	8	<1
May 2-8, 2022	58	36	6	<1
<b>ASK IF EXPERIENCED (ENVRMPCTe=1) [N=1,485]:</b>				
e. Major wildfires				
May 13-19, 2024	54	31	15	<1
May 30-Jun 4, 2023	56	29	14	<1
May 2-8, 2022	58	28	13	<1

**ASK IF EXPERIENCED EVENT (ENVRMPCTa-e=1) [N=6,266]:**

- EXTPERS How much of a negative impact did [IF ENVRMPCTa=1 AND ENVRMPCTb-e=2,99: droughts or water shortages;
- **IF ENVRMPCTb=1 AND ENVRMPCTa,c-e=2,99:** long periods of unusually hot weather;
  - **IF ENVRMPCTc=1 AND ENVRMPCTa,b,d,e=2,99:** severe weather, like floods or intense storms,;
  - **IF ENVRMPCTd=1 AND ENVRMPCTa-c,e=2,99:** rising sea levels that erode beaches and shorelines;
  - **IF ENVRMPCTe=1 AND ENVRMPCTa-d=2,99:** major wildfires;
  - **IF ENVRMPCTa-e=1 FOR TWO OR MORE ITEMS:** these weather events] have on your own life?

May 13-19,  
2024

13	A major negative impact
57	A minor negative impact
30	No negative impact
1	No answer

**ASK FORM 1 AND IF EVENT HAD MAJOR OR MINOR NEGATIVE IMPACT [XFORM=1 AND EXTPERS=1,2] [N=2,156]**

- EXTPERSO Tell us how
- **IF ENVRMPCTa=1 AND ENVRMPCTb-e=2,99:** droughts or water shortages;
  - **IF ENVRMPCTb=1 AND ENVRMPCTa,c-e=2,99:** long periods of unusually hot weather;
  - **IF ENVRMPCTc=1 AND ENVRMPCTa,b,d,e=2,99:** severe weather, like floods or intense storms,;
  - **IF ENVRMPCTd=1 AND ENVRMPCTa-c,e=2,99:** rising sea levels that erode beaches and shorelines;
  - **IF ENVRMPCTe=1 AND ENVRMPCTa-d=2,99:** major wildfires;
  - **IF ENVRMPCTa-e=1 FOR TWO OR MORE ITEMS:** these weather events] had a negative impact on your life?<sup>1</sup>

May 13-19,  
2024

19	Community impacts NET
7	<i>Damaged roads, impacted transportation, dangerous travel, isolation from dangerous travel conditions</i>
5	<i>Loss of power and internet, stress to electrical grid, down power lines</i>
4	<i>Effects of lower water levels from lakes, reservoirs and other bodies of water/Reduced water use/Water restrictions</i>
1	<i>Hurt local economy</i>
5	<i>Community damage, general</i>
16	Lifestyle impacts - Uncomfortable or inconvenient, such as it being too hot to go outside or using the AC more
15	Damage to property or construction costs NET
6	<i>Damage to dwelling, house</i>
5	<i>Damage to yard, outdoor areas</i>
3	<i>Construction/rebuilding costs/dealing with hassles of construction</i>
1	<i>Weather proofing for future (including cost of weather proofing)</i>
4	<i>Other property damage, including cars and general property damage</i>
10	Specific costs not related to personal property damage and construction NET
8	<i>Higher utility bills (water/electricity)</i>

<sup>1</sup> Verbatim responses have been coded into categories. Figures add to more than 100% because multiple responses were accepted.

**EXTPERSO  
CONTINUED...**

1	<i>Higher insurance costs/insurance disputes/harder to get insurance</i>
1	<i>Costs of goods and services, general</i>
11	Health consequences NET
6	<i>Air quality/breathing difficulties</i>
3	<i>Health concerns or problems</i>
3	<i>Mental health concerns</i>
5	Work and school impacts NET
4	<i>Loss of work/canceled jobs/too hot to work</i>
1	<i>Canceled school</i>
1	Relocation (permanent or temporary)
3	Specifies weather event without mentioning negative personal impact
6	Other NET
2	<i>Didn't have an impact or had a minor impact</i>
2	<i>Unclear</i>
2	<i>Other</i>
36	Don't know/Refused
<1	<i>Don't know</i>
36	<i>Refused</i>

**ASK ALL:**

EWGOVT

For communities in places at high risk of extreme weather, do you think it is a good or bad idea for government to do each of the following? **[RANDOMIZE ITEMS]**

		<u>Good idea</u>	<u>Bad idea</u>	<u>Not sure</u>	<u>No answer</u>
BUYOUT.	Purchase people's homes in these communities so they can buy other homes in lower-risk areas May 13-19, 2024	25	38	36	1
REQUIRE.	Require people to move out of these communities May 13-19, 2024	13	51	35	1
REBUILD.	<b>ASK FORM 1 ONLY</b> <b>[N=4,315]</b> Provide financial assistance for people in these communities to rebuild after extreme weather events May 13-19, 2024	57	20	23	<1
INSUR.	<b>ASK FORM 2 ONLY</b> <b>[N=4,323]</b> Help cover the rising cost of homeowners' insurance for people in these communities May 13-19, 2024	40	34	25	1

**EWGOVT  
CONTINUED...**

		<u>Good idea</u>	<u>Bad idea</u>	<u>Not sure</u>	<u>No answer</u>
	<b>ASK FORM 2 ONLY</b> <b>[N=4,323]</b>				
BAN.	Ban new construction in these communities May 13-19, 2024	37	29	33	1
	<b>ASK FORM 1 ONLY</b> <b>[N=4,315]</b>				
STDS.	Set stricter building standards for new construction in these communities May 13-19, 2024	73	10	17	<1

**TREND FOR COMPARISON:****ASK ALL:**

*EWRESPONSE* Do you think it is a good or bad idea for the federal government to do each of the following? **[RANDOMIZE ITEMS]**

		<u>Good idea</u>	<u>Bad idea</u>	<u>Not sure</u>	<u>No answer</u>
	<b>ASK FORM 1 ONLY</b> <b>[N=5,148]:</b>				
HELP	Provide financial assistance for communities to relocate from areas at high risk of extreme weather May 30-Jun 4, 2023	47	24	29	<1
	<b>ASK FORM 2 ONLY</b> <b>[N=5,181]:</b>				
REQUIRE	Require communities to relocate from areas at high risk of extreme weather May 30-Jun 4, 2023	29	33	38	<1
REBUILD	Provide financial assistance for communities in high risk areas to rebuild after extreme weather events May 30-Jun 4, 2023	53	24	23	<1
LIMIT	Limit new construction in communities at high risk of extreme weather May 30-Jun 4, 2023	54	19	27	<1

**OTHER QUESTIONS PREVIOUSLY RELEASED**