

CLIMATE CHANGE
IN THE AMERICAN MIND

Beliefs & Attitudes

FALL 2024



YALE PROGRAM ON
Climate Change
Communication



GEORGE MASON UNIVERSITY
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Introduction

This report is based on findings from a nationally representative survey – *Climate Change in the American Mind* – conducted jointly by the [Yale Program on Climate Change Communication](#) and the [George Mason University Center for Climate Change Communication](#). Interview dates: December 11 – 22, 2024. Interviews: 1,013 adults (18+). Average margin of error: +/- 3 percentage points at the 95% confidence level. The research was funded by the Schmidt Family Foundation, the U.S. Energy Foundation, the Heising-Simons Foundation, King Philanthropies, and the Grantham Foundation.

Climate Change in the American Mind is conducted jointly by the Yale Program on Climate Change Communication and the George Mason University Center for Climate Change Communication.

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Executive Summary

Drawing on a nationally representative survey ($n = 1,013$) conducted from December 11 – 22, 2024, this report describes Americans'¹ beliefs and attitudes about global warming. Among the key findings in this report:

Global Warming Beliefs

- Americans who think global warming is happening outnumber those who think it is not happening by a ratio of more than 5 to 1 (73% versus 14%).
- 60% of Americans understand that global warming is mostly human-caused. By contrast, 28% think it is caused mostly by natural changes in the environment.
- 57% of Americans understand that most scientists think global warming is happening. By contrast, 21% think there is a lot of disagreement among scientists about whether it is happening.

Worry About Global Warming

- 64% of Americans say they are at least “somewhat worried” about global warming. This includes 28% who say they are “very worried.”

Perceived Risks and Impacts of Global Warming

- 48% of Americans think people in the United States are being harmed by global warming “right now,” and 49% say they have personally experienced the effects of global warming.
- Majorities of Americans think global warming will harm plant and animal species (70%), the world’s poor (68%), people in developing countries (68%), people in the United States (63%), people in their community (53%), and their family (51%). Many also think they themselves (46%) will be harmed.
- 11% of Americans have considered moving to avoid the impacts of global warming.
- 66% of Americans think global warming is affecting weather in the United States, including 35% who think weather is being affected “a lot.”
- Majorities of Americans think global warming is affecting many environmental problems in the United States, including extreme heat (77%), wildfires² (74%), droughts (73%), flooding (72%), rising sea levels (71%), hurricanes (71%), air pollution (68%), water shortages (67%), reduced snowpack (65%), tornados (65%), water pollution (63%), electricity power outages (62%), and agricultural pests and diseases (61%).
- 56% of Americans think extreme weather poses either a “high” (16%) or “moderate” (40%) risk to their community over the next 10 years.

¹ Throughout this report, we use the term “Americans” to refer to adults (18+) who reside in the United States (the 50 states plus the District of Columbia).

² Note: This survey was conducted before the January 2025 wildfires in the greater Los Angeles area.

Harm from Local Environmental Problems

- Majorities of Americans say they are worried their local area might be harmed by environmental problems including air pollution (75%), electricity power outages (74%), water pollution (74%), droughts (70%), extreme heat (69%), agricultural pests and diseases (66%), flooding (61%), water shortages (61%), tornados (57%), and wildfires³ (55%). Many Americans are also worried their local area might be harmed by reduced snowpack (43%), hurricanes (42%), and rising sea levels (42%).

Personal and Social Engagement with Global Warming

- 62% of Americans say they “rarely” or “never” discuss global warming with family and friends, while 38% say they do so “occasionally” or “often.”
- 37% of Americans think it is at least “moderately” important to their family and friends that *they* take action to reduce global warming (an injunctive norm), and 36% say their family and friends make at least “a moderate amount of effort” to reduce global warming (a descriptive norm).
- 47% of Americans say they hear about global warming in the media about once a month or more frequently. Fewer say they hear about global warming on social media once a month or more often (27%) or that they hear people they know talk about global warming once a month or more frequently (20%).
- 65% of Americans say the issue of global warming is either “extremely,” “very,” or “somewhat” important to them personally, while 35% say it is either “not too” or “not at all” personally important.
- 31% of Americans say they have rewarded companies that are taking steps to reduce global warming by buying their products at least “once” in the past 12 months; 26% say they have punished companies that are opposing steps to reduce global warming by not buying their products at least “once.”

³ Note: This survey was conducted before the January 2025 wildfires in the greater Los Angeles area.

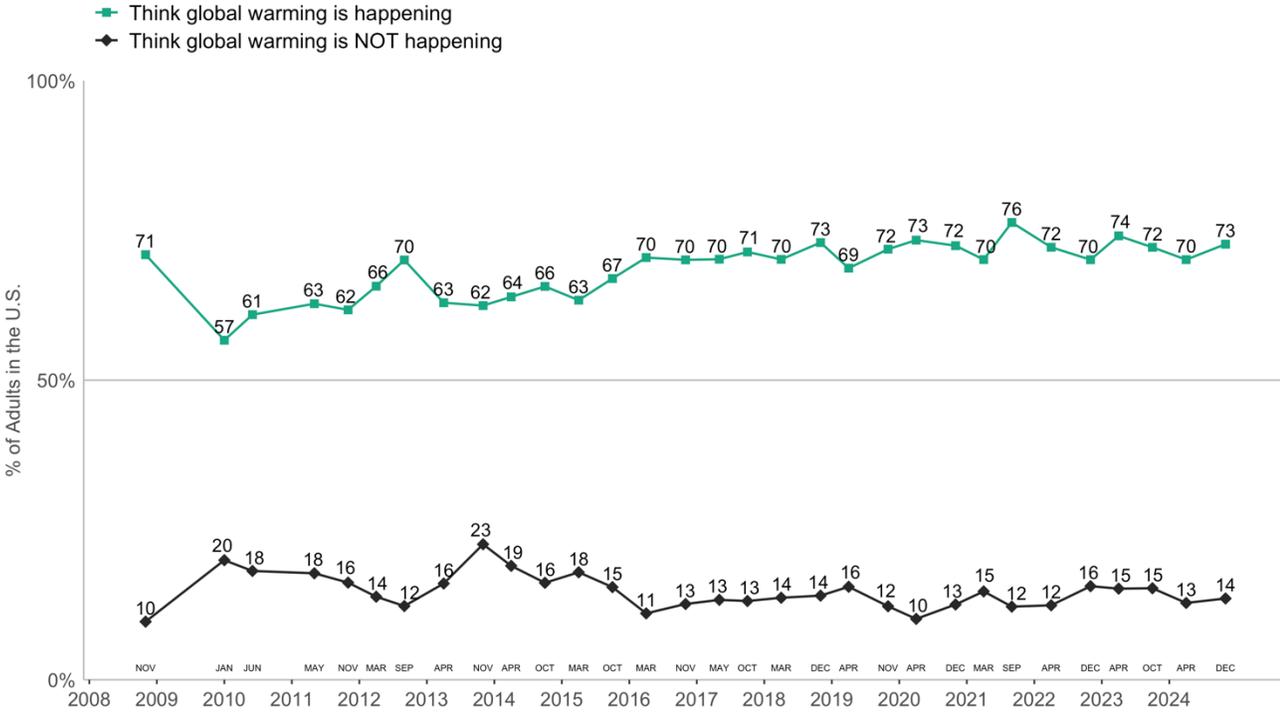
1 Global Warming Beliefs

1.1 Most Americans think global warming is happening.

Americans who think global warming is happening outnumber those who think it is not by a ratio of about 5 to 1.

Seven in ten Americans (73%) think global warming is happening. By contrast, only 14% of Americans think global warming is not happening. Additionally, 14% say they don't know if global warming is happening (refer to data tables, p. 26).

Most Americans think global warming is happening



Do you think global warming is happening?

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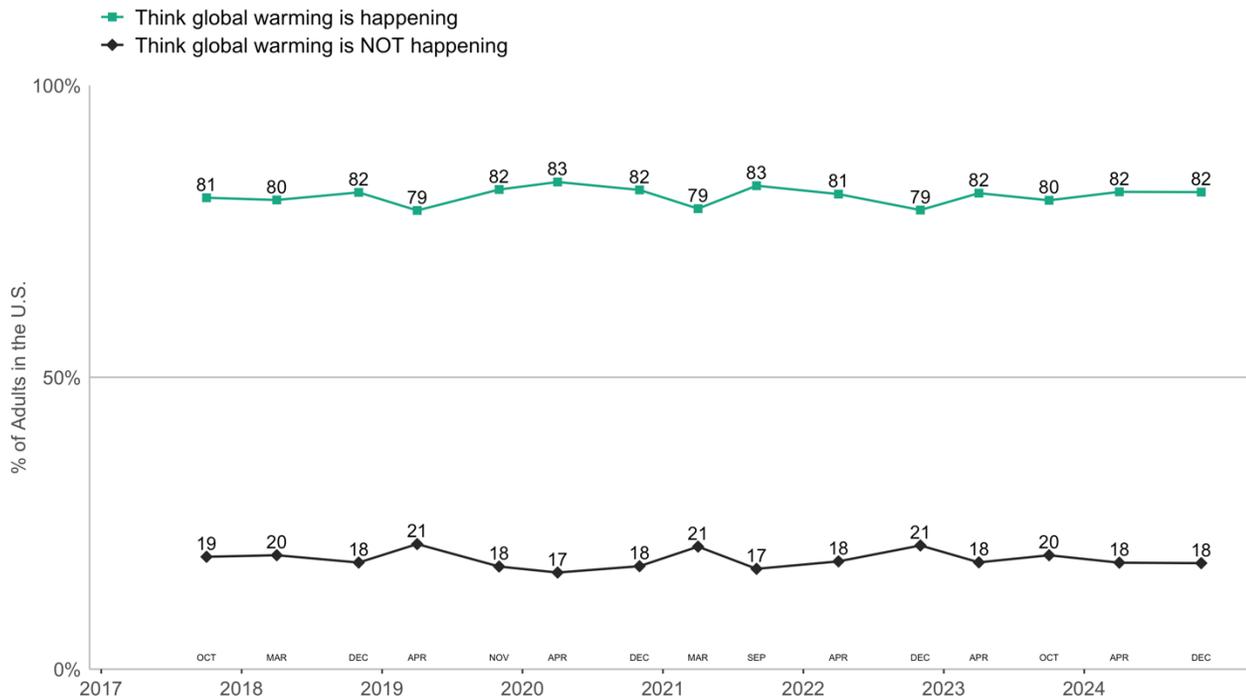
Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication

1.2 When Americans who “don’t know” if global warming is happening are asked for their best guess, more say “yes” than “no.”

Survey respondents who say they “don’t know” whether global warming is happening are then asked to provide their best guess as to whether or not global warming is happening. Over time, this follow-up question has produced a relatively stable pattern in which more of these Americans “lean” toward “yes” than “no” (refer to data tables, p. 27).

When the “leaners,” as determined by this follow-up question, are added to the totals of those who responded “yes” or “no” to the question reported in Section 1.1, we find that a total of 82% of Americans think global warming is happening or lean toward that position, while 18% think global warming is not happening or lean toward that position.

When Americans who “don’t know” if global warming are asked their best guess, more say “yes” than “no”



Even if you don't know, what's your best guess about whether global warming is happening?

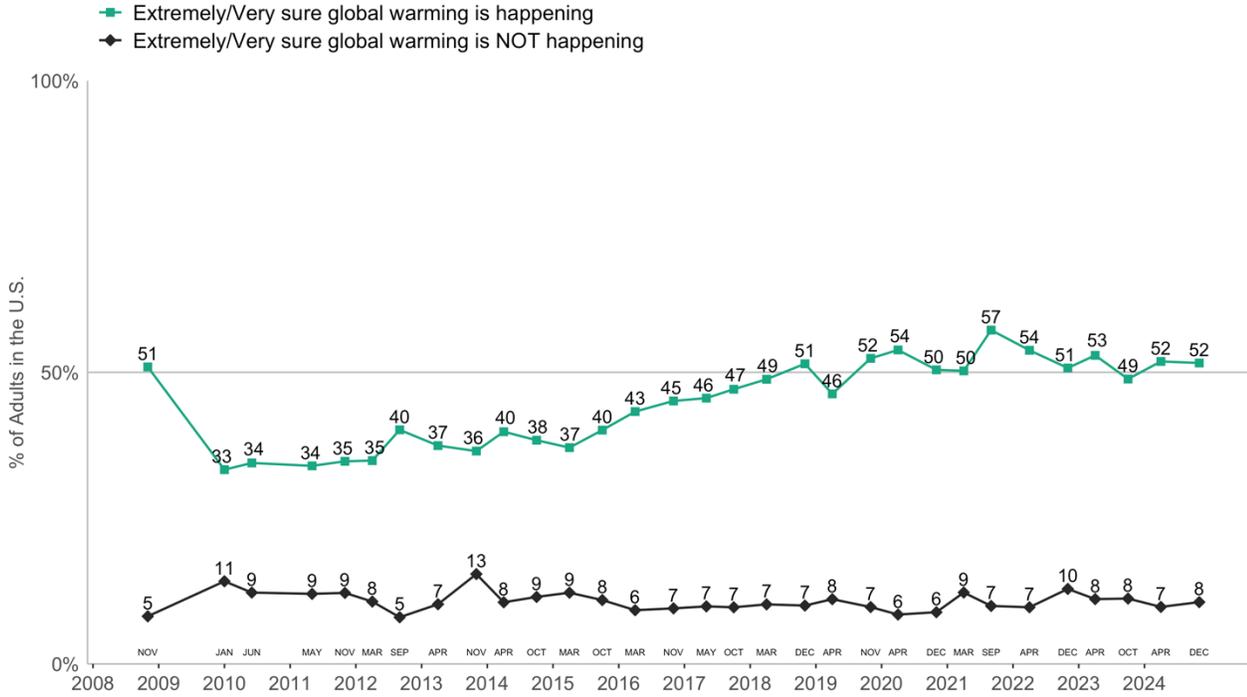
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Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication

1.3 About half of Americans are “extremely” or “very” sure global warming is happening.

About half of Americans (52%) are either “extremely” (31%) or “very” (21%) sure global warming is happening (refer to data tables, p. 28). Far fewer (8%) are “extremely” (3%) or “very” (5%) sure global warming is not happening (refer to data tables, p. 29).

About half of Americans are “extremely” or “very” sure global warming is happening



How sure are you that global warming is/is not happening?

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Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication



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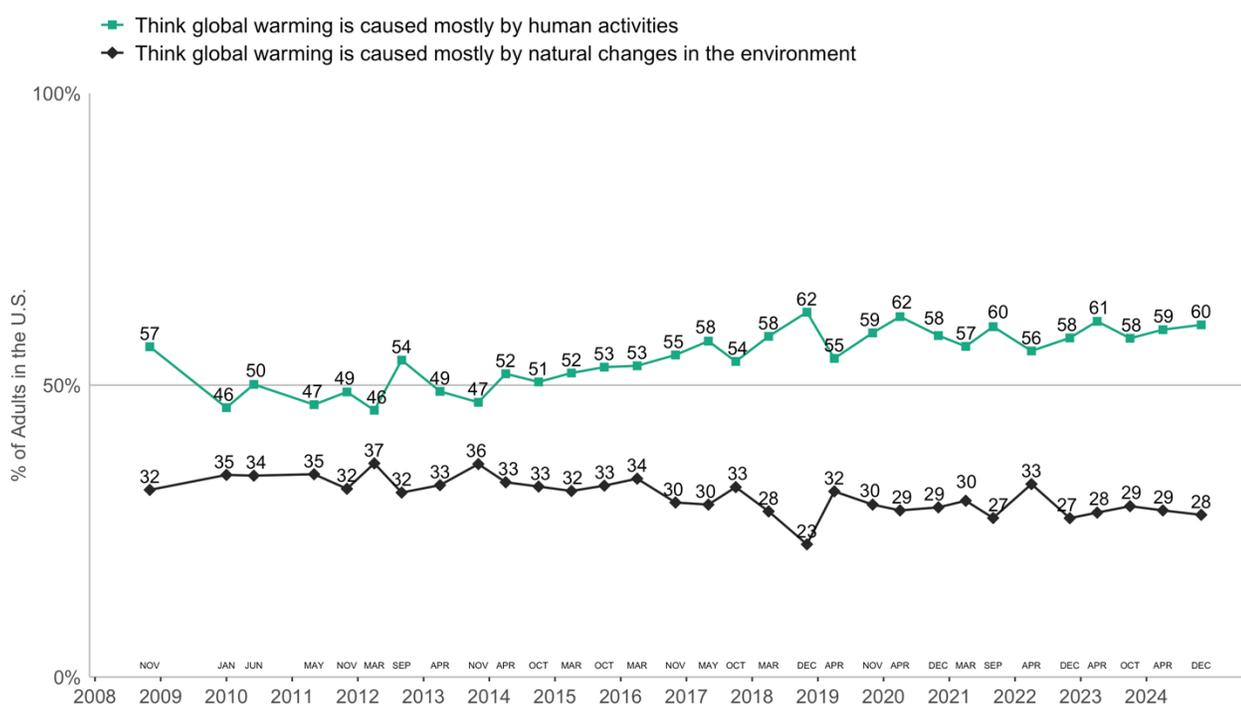
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1.4 A majority of Americans think global warming is mostly human-caused.

A 2023 [report](#) by the Intergovernmental Panel on Climate Change, which summarizes all of the world's peer-reviewed scientific studies on climate change, concluded that “Human activities, principally through emissions of greenhouse gases, have unequivocally caused global warming.”⁴

A majority of Americans (60%) understand that global warming is mostly human-caused. By contrast, 28% think it is caused mostly by natural changes in the environment.

A majority of Americans think global warming is mostly human-caused



Assuming global warming is happening, do you think it is . . .

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Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication

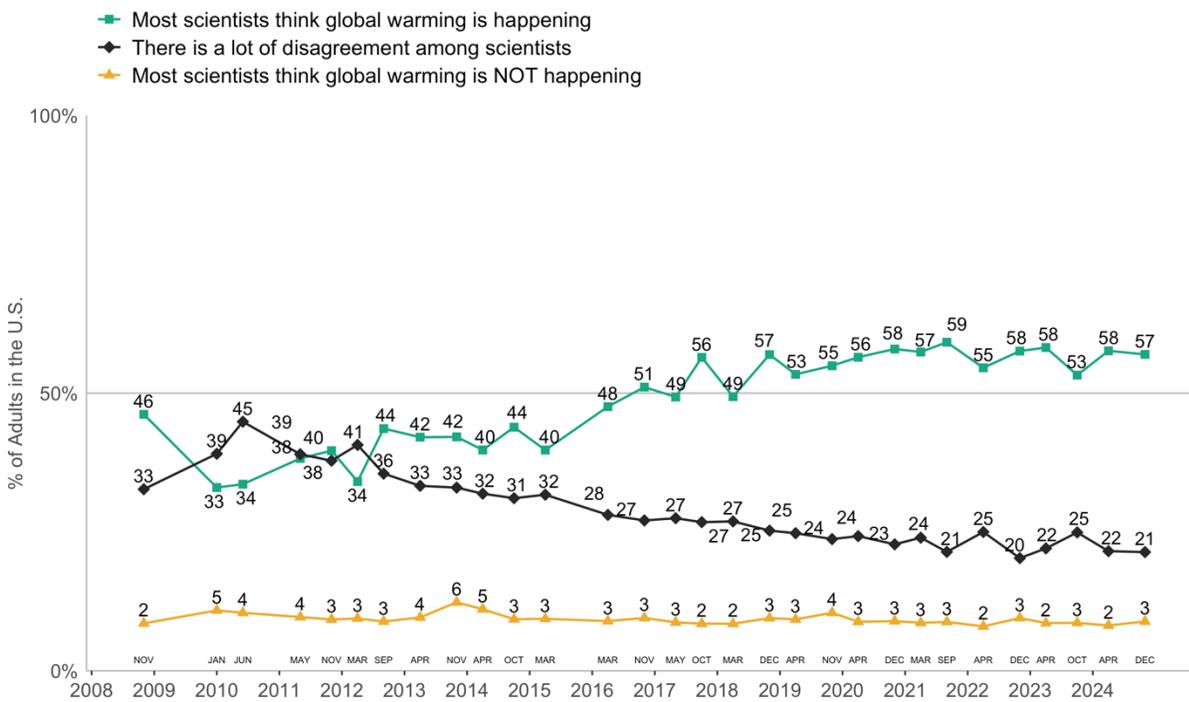
⁴ IPCC. (2023). Summary for Policymakers. In Core Writing Team, Lee, H., & Romero, J. (eds.). *Climate Change 2023: Synthesis Report. Contribution of Working Groups I, II and III to the Sixth Assessment Report of the Intergovernmental Panel on Climate Change*. IPCC, Geneva, Switzerland. doi: [10.59327/IPCC/AR6-9789291691647.001](https://doi.org/10.59327/IPCC/AR6-9789291691647.001)

1.5 A majority of Americans understand that most scientists think global warming is happening.

A review by Cook and colleagues⁵ found that six independent, peer-reviewed studies examining the scientific consensus about global warming have concluded that between 90% and 100% of climate scientists are convinced human-caused global warming is happening. A more recent study found that as many as 98% of climate scientists are convinced global warming is happening and human-caused.⁶

A majority of Americans (57%) understand that most scientists think global warming is happening. By contrast, about one in five (21%) think there is a lot of disagreement among scientists about whether or not global warming is happening. Very few Americans (3%) say most scientists think global warming is not happening, and 19% report that they don't know enough to say (refer to data tables, p. 32).

A majority of Americans understand that most scientists think global warming is happening



What comes closest to your own view?

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Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication

⁵ Cook, J., Oreskes, N., Doran, P. T., Anderegg, W. R. I., Verheggen, B., Maibach, E. W., Carlton, J. S., Lewandowsky, S., Skuce, A. G., Green, S. A., Nuccitelli, D., Jacobs, P., Richardson, M., Winkler, B., Painting, R., & Rice, K. (2016). Consensus on consensus: A synthesis of consensus estimates on human-caused global warming. *Environmental Research Letters*, 11(4). doi:10.1088/1748-9326/11/4/048002

⁶ Myers, K. F., Doran, P. T., Cook, J., Kotcher, J. E., & Myers, T. A. (2021). Consensus revisited: Quantifying scientific agreement on climate change and climate expertise among Earth scientists 10 years later. *Environmental Research Letters*, 16(10). doi:10.1088/1748-9326/ac2774

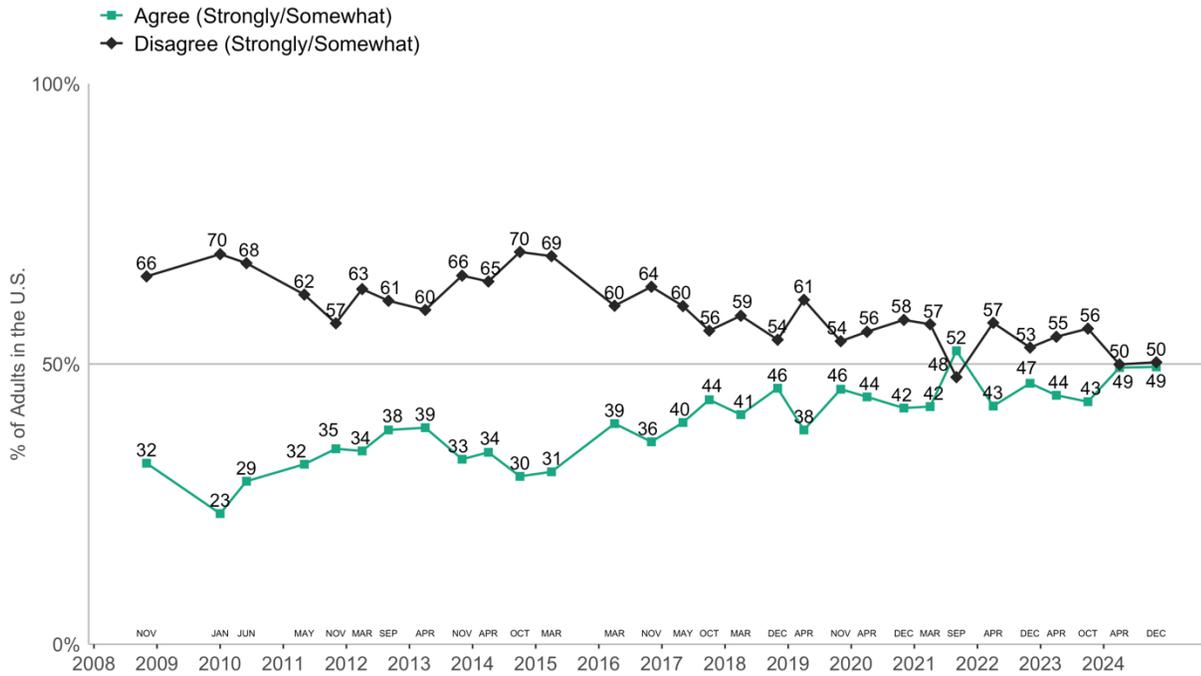


2 Perceived Risks of Global Warming

2.1 About half of Americans say they have personally experienced the effects of global warming.

About half of Americans (49%) agree with the statement “I have personally experienced the effects of global warming,” while half (50%) disagree.

About half of Americans say they have personally experienced the effects of global warming



How much do you agree or disagree with the following statement? I have personally experienced the effects of global warming.

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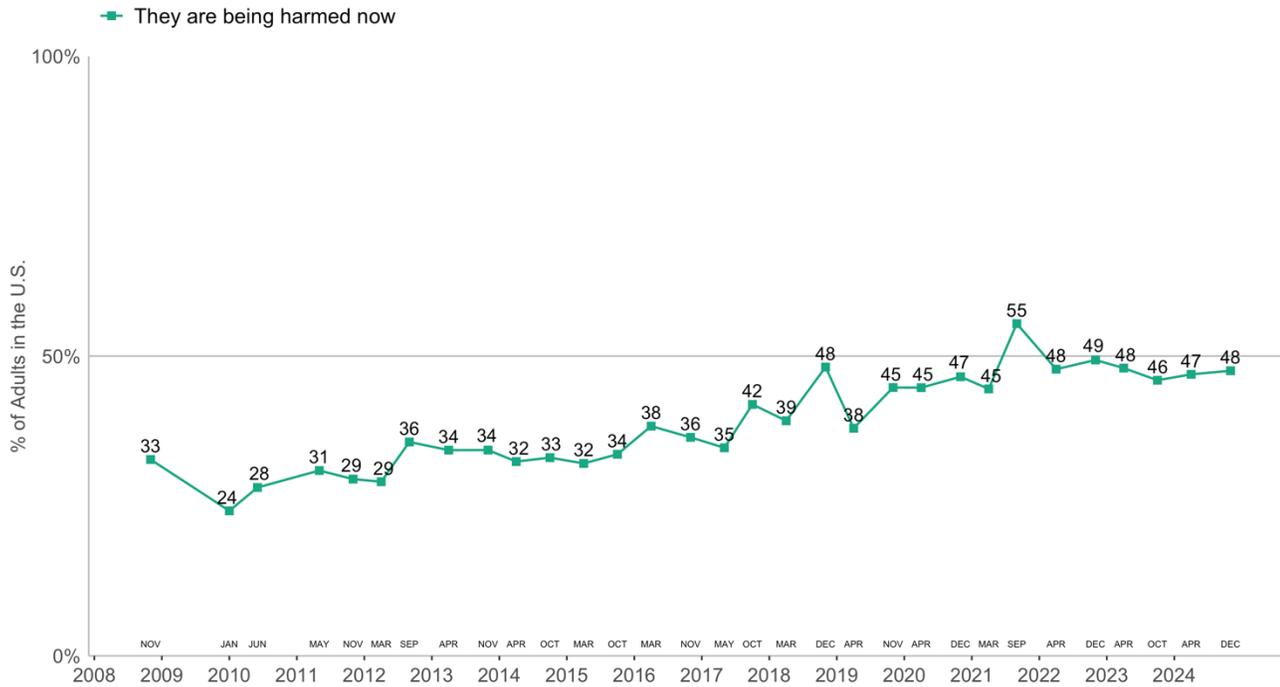
Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication



2.2 Many Americans think people in the U.S. are being harmed “right now” by global warming.

About half of Americans (48%) think people in the U.S. are being harmed by global warming “right now.”

Many Americans think people in the U.S. are being harmed “right now” by global warming



When do you think global warming will start to harm people in the United States?

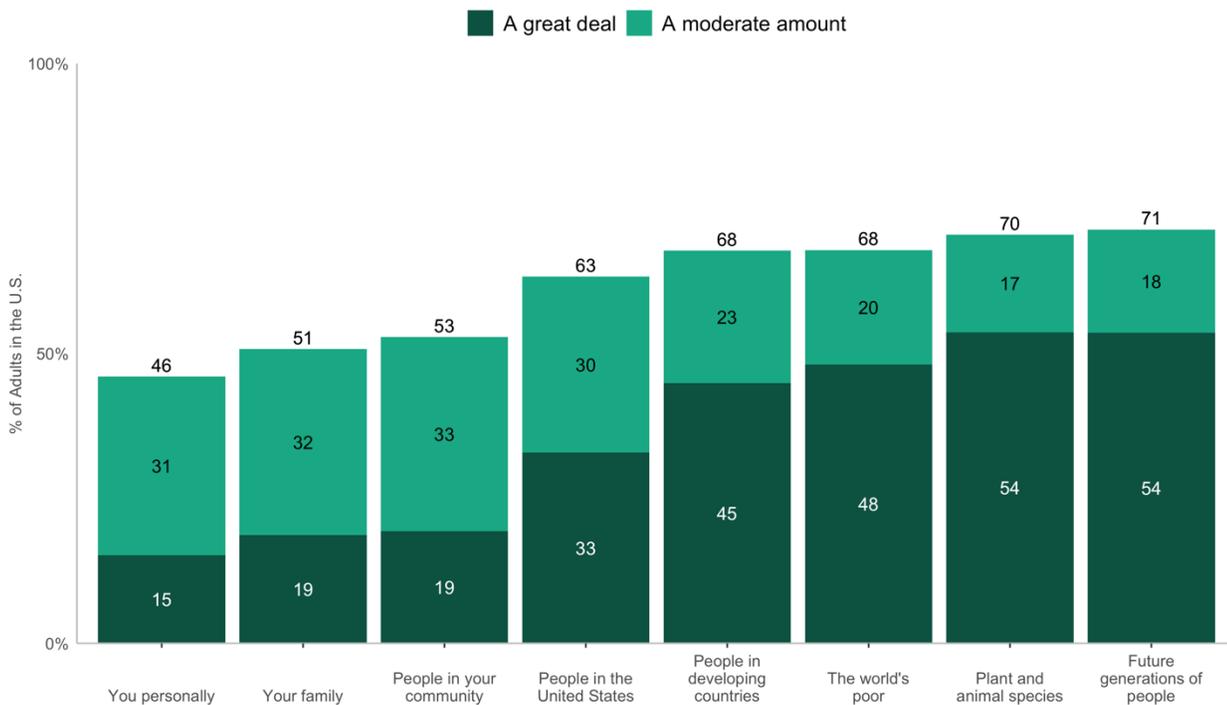
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Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication

2.3 Many Americans think global warming will harm them, but more think others will be harmed.

A majority of Americans understand that global warming will cause harm. Half or more Americans think global warming will cause either “a great deal” or “a moderate amount” of harm to future generations of people (71%), plant and animal species (70%), the world’s poor (68%), people in developing countries (68%), people in the United States (63%), people in their community (53%), and their family (51%). Many Americans also think they themselves (46%) will be harmed.

Many Americans think global warming will harm them, but more think others will be harmed



How much do you think global warming will harm . . . ?

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Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication



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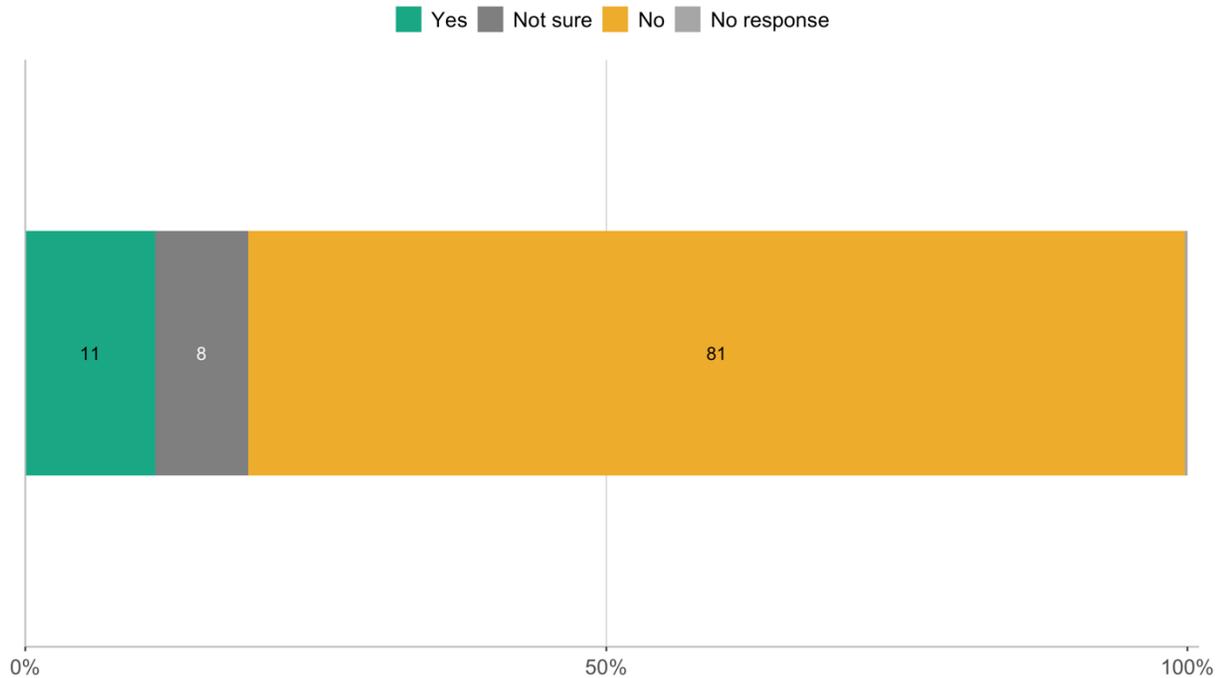


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2.4 About one in ten Americans have considered moving to avoid the impacts of global warming.

Climate change is increasingly causing impacts that could lead people to consider relocating. These include [rising sea levels](#)⁷, floods, wildfires, droughts, and extreme heat. We find that 11% of Americans have considered moving to avoid the impacts of global warming, while 81% have not, and 8% are not sure.

About one in ten Americans have considered moving to avoid the impacts of global warming



Have you ever considered moving to a different home to avoid the impacts of global warming, such as sea-level rise, flooding, heat waves, or wildfires?

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Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication

⁷ Hauer, M. E. (2017). Migration induced by sea-level rise could reshape the US population landscape. *Nature Climate Change*, 7(5), 321-325. [doi:10.1038/nclimate3271](https://doi.org/10.1038/nclimate3271)

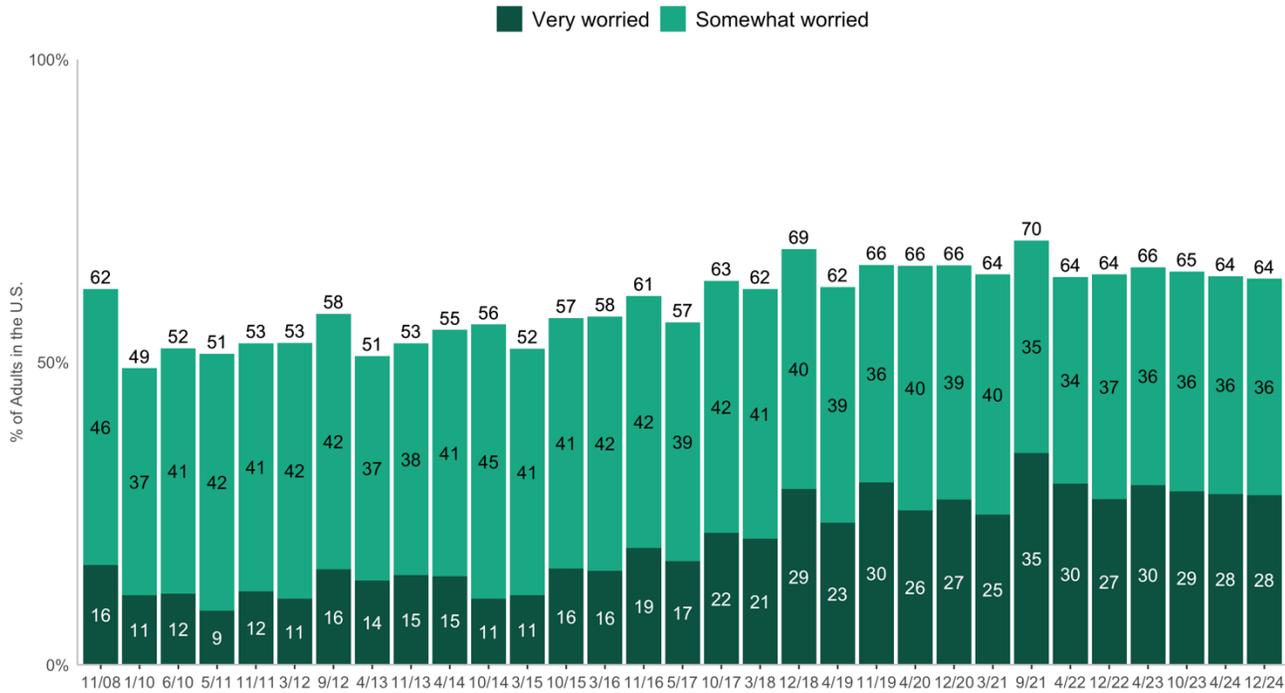


3 Worry About Global Warming

3.1 A majority of Americans are worried about global warming.

A majority of Americans (64%) say they are at least “somewhat worried” about global warming. This includes 28% who say they are “very worried.”

A majority of Americans are worried about global warming



How worried are you about global warming?

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Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication



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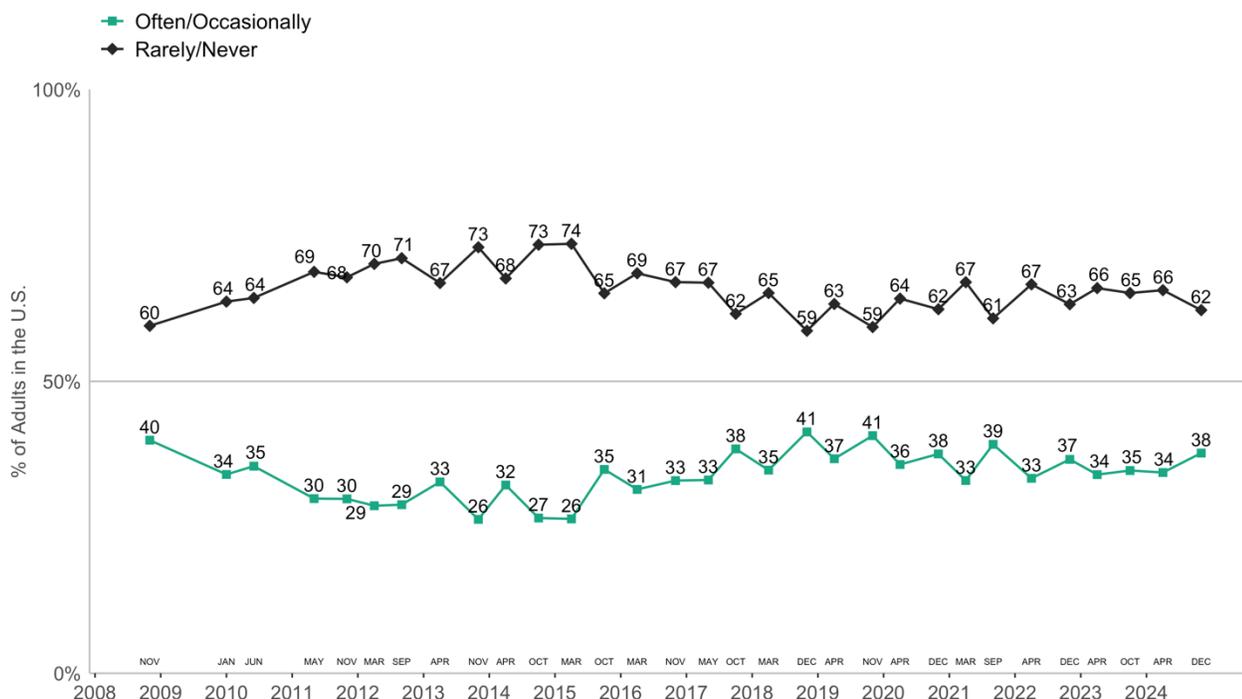
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4 Personal and Social Engagement with Global Warming

4.1 Most Americans “rarely” or “never” discuss global warming with family and friends.

A majority of Americans (62%) say they either “rarely” (30%) or “never” (33%) discuss global warming with family and friends (refer to data tables, p. 46), while 38% say they discuss it either “occasionally” (33%) or “often” (5%).

Most Americans "rarely" or "never" discuss global warming with family and friends



How often do you discuss global warming with your family and friends?

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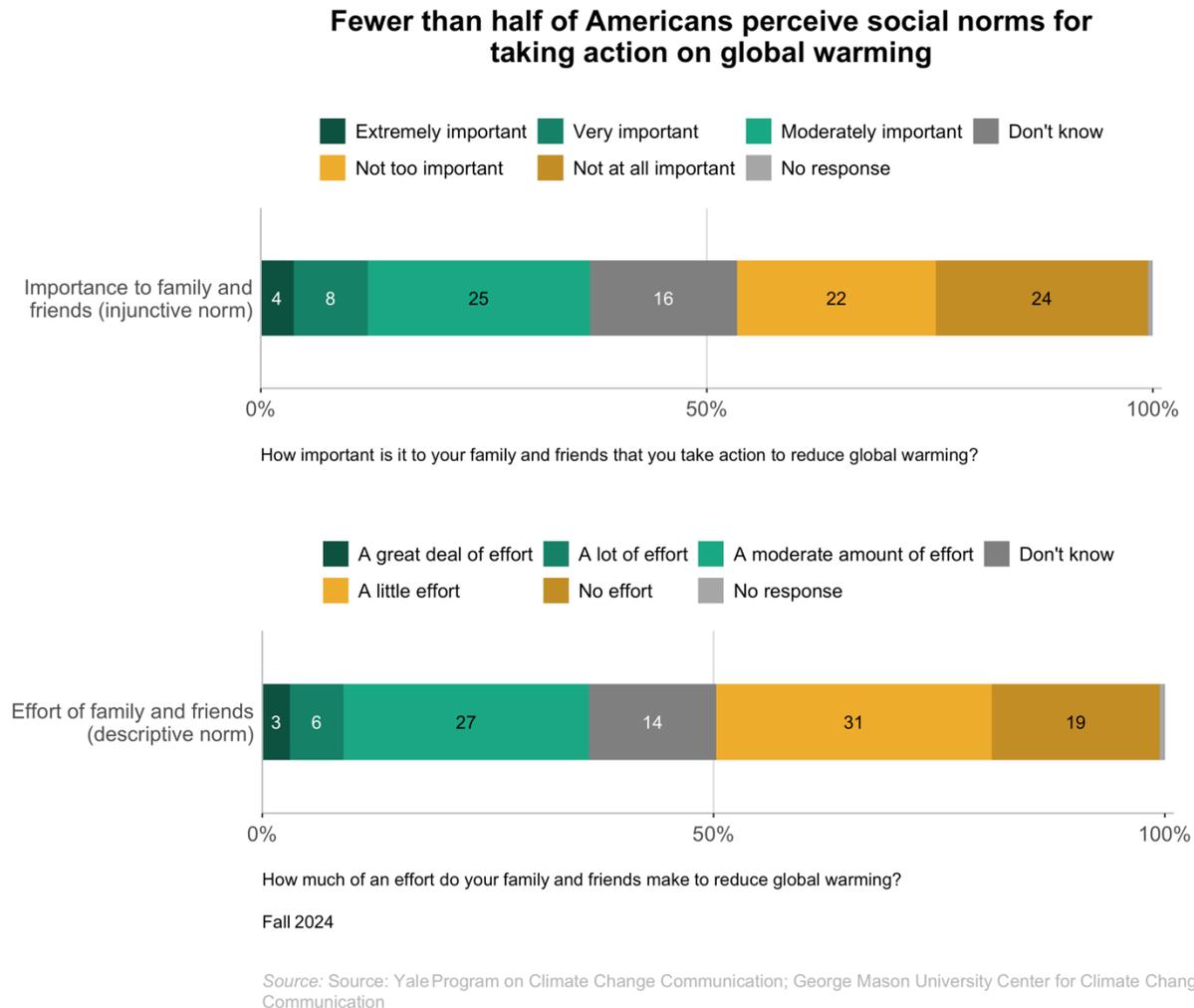
Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication



4.2 Fewer than half of Americans perceive social norms for taking action on global warming.

Social science research has shown that two types of social norms can have a powerful influence on people’s behavior: injunctive norms (the belief that friends and family expect you to behave in a given way) and descriptive norms (the belief that friends and family are themselves behaving in that way).⁸

Just over one-third of Americans (37%) perceive an injunctive norm, saying it is either “extremely” (4%), “very” (8%), or “moderately” (25%) important to their family and friends that *they* take action to reduce global warming. Similarly, 36% perceive a descriptive norm, saying their family and friends make either “a great deal of effort” (3%), “a lot of effort” (6%), or “a moderate amount of effort” (27%) to reduce global warming.



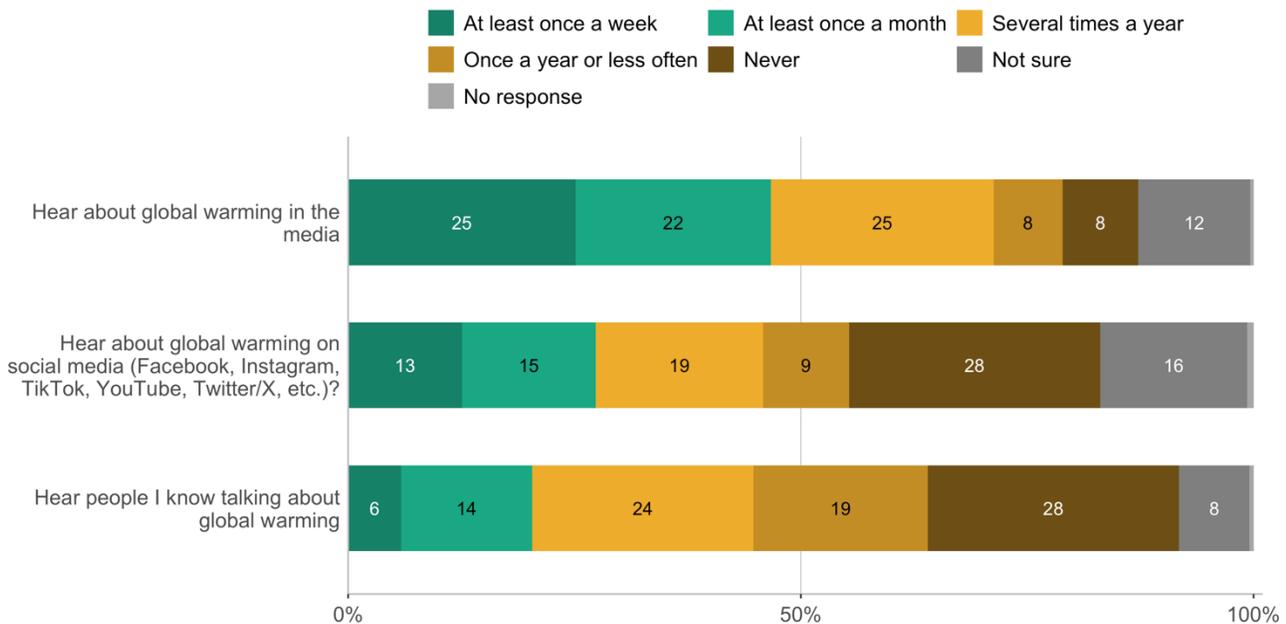
⁸ Schultz, P. W., Nolan, J. M., Cialdini, R. B., Goldstein, N. J., & Griskevicius, V. (2007). The constructive, destructive, and reconstructive power of social norms. *Psychological Science*, 18(5), 429-434. [doi:10.1111/j.1467-9280.2007.01917.x](https://doi.org/10.1111/j.1467-9280.2007.01917.x)

4.3 Many Americans hear about global warming in the media at least once a month; fewer hear about it on social media or hear people they know talking about it.

Many Americans (47%) say they hear about global warming in the media once a month or more often, while 41% say they hear about global warming in the media several times a year or less often, including 8% who say they never hear about global warming in the media.

In contrast, only 27% of Americans say they hear about global warming on social media once a month or more often, while 56% say they do so several times a year or less often, including 28% who say they never hear about global warming on social media. Similarly, only 20% of Americans say they hear people they know talk about global warming once a month or more often, while 71% say they do so several times a year or less often, including 28% who say they never hear people they know talk about global warming.

Many Americans hear about global warming in the media at least once a month



About how often do you hear about global warming in the media (TV, movies, radio, newspapers/news websites, magazines, etc.)?
 About how often do you hear other people you know (your family, friends, co-workers, etc.) talk about global warming?

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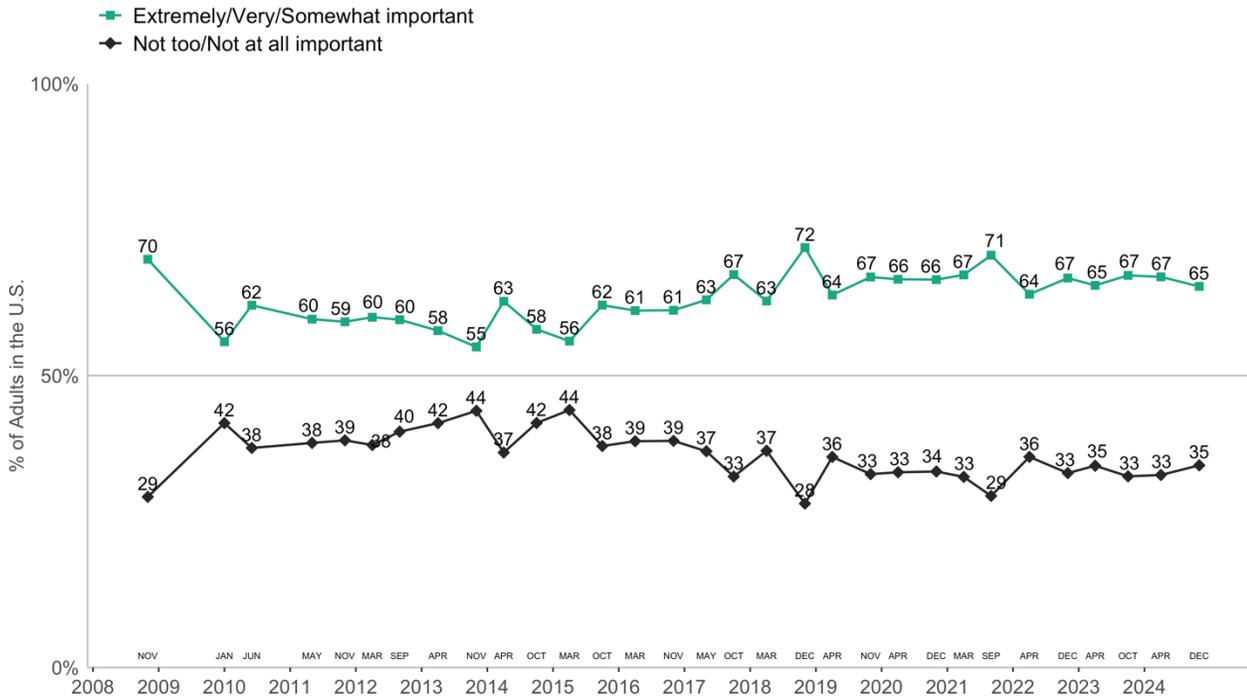
Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication



4.4 A majority of Americans say the issue of global warming is personally important to them.

About two-thirds of Americans (65%) say the issue of global warming is either “extremely” (14%), “very” (22%), or “somewhat” (29%) important to them personally (refer to data tables, p. 52). About one-third (35%) say global warming is either “not too” (18%) or “not at all” (17%) personally important.

A majority of Americans say the issue of global warming is personally important to them



How important is the issue of global warming to you personally?

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Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication



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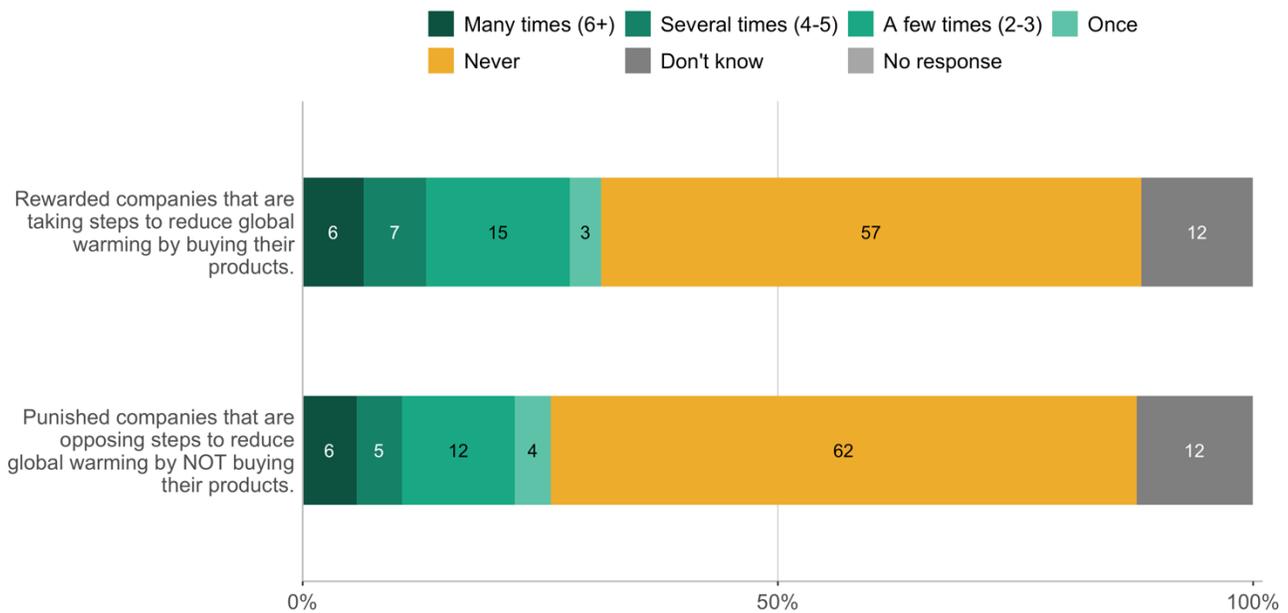


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4.5 About three in ten Americans say they have engaged in consumer activism on global warming.

About three in ten Americans (31%) say that at least “once” over the past 12 months, they have rewarded companies that are taking steps to reduce global warming by buying their products. About one-quarter (26%) say that at least “once” over the past 12 months, they have punished companies that are opposing steps to reduce global warming by *not* buying their products.

About three in ten Americans say they have engaged in consumer activism on global warming



Over the past 12 months, how many times have you done the following?

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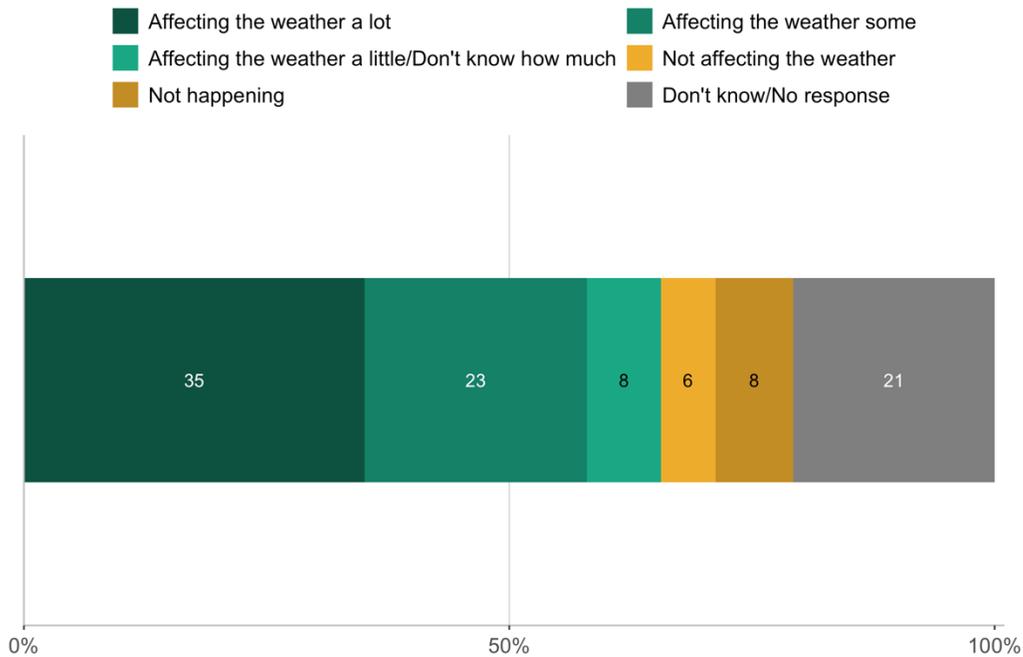
Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication

5 Impacts of Global Warming

5.1 Two-thirds of Americans think global warming is affecting weather in the United States.

About two-thirds of Americans (66%) think global warming is affecting weather in the United States, including a majority (58%) who think global warming is affecting U.S. weather either “a lot” (35%) or “some” (23%).

Two-thirds of Americans think global warming is affecting weather in the United States



Which statement best reflects your view? (a) Global warming is affecting weather in the United States; (b) Global warming is not affecting weather in the United States; (c) Global warming isn't happening; (d) don't know; (e) Prefer not to answer. [If (a) selected] How much do you think global warming is affecting weather in the United States?

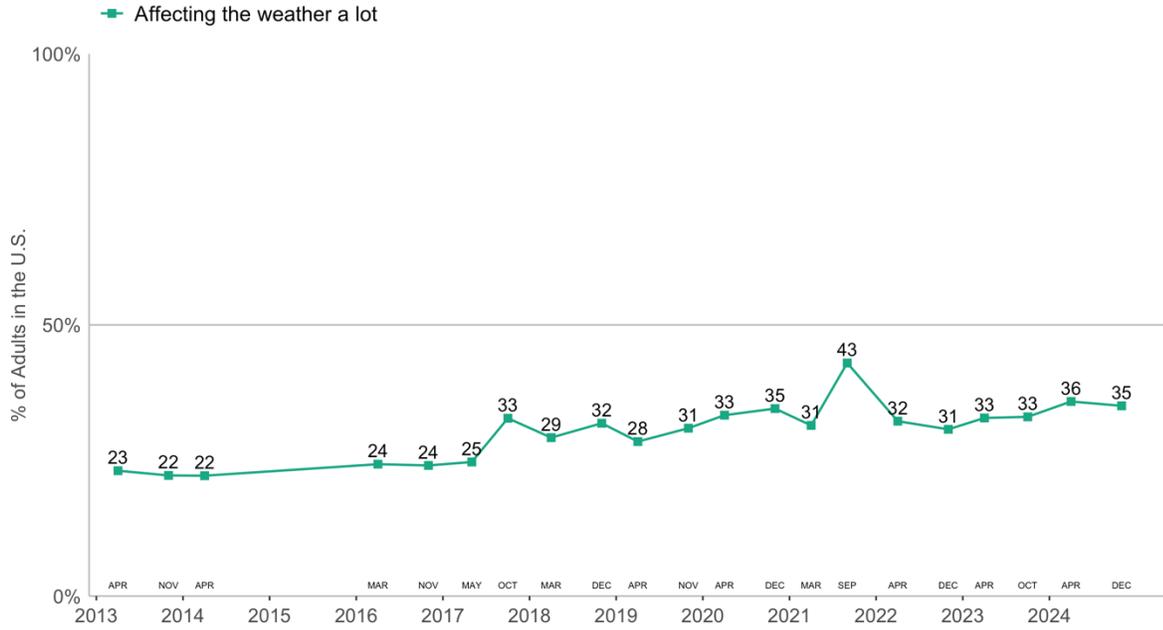
Fall 2024

Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication



As noted above, 35% of Americans think global warming is affecting weather “a lot.”

One in three Americans think global warming is affecting weather "a lot"



Which statement best reflects your view? (a) Global warming is affecting weather in the United States; (b) Global warming is not affecting weather in the United States; (c) Global warming isn't happening; (d) dont know; (e) Prefer not to answer.

[If (a) selected] How much do you think global warming is affecting weather in the United States?

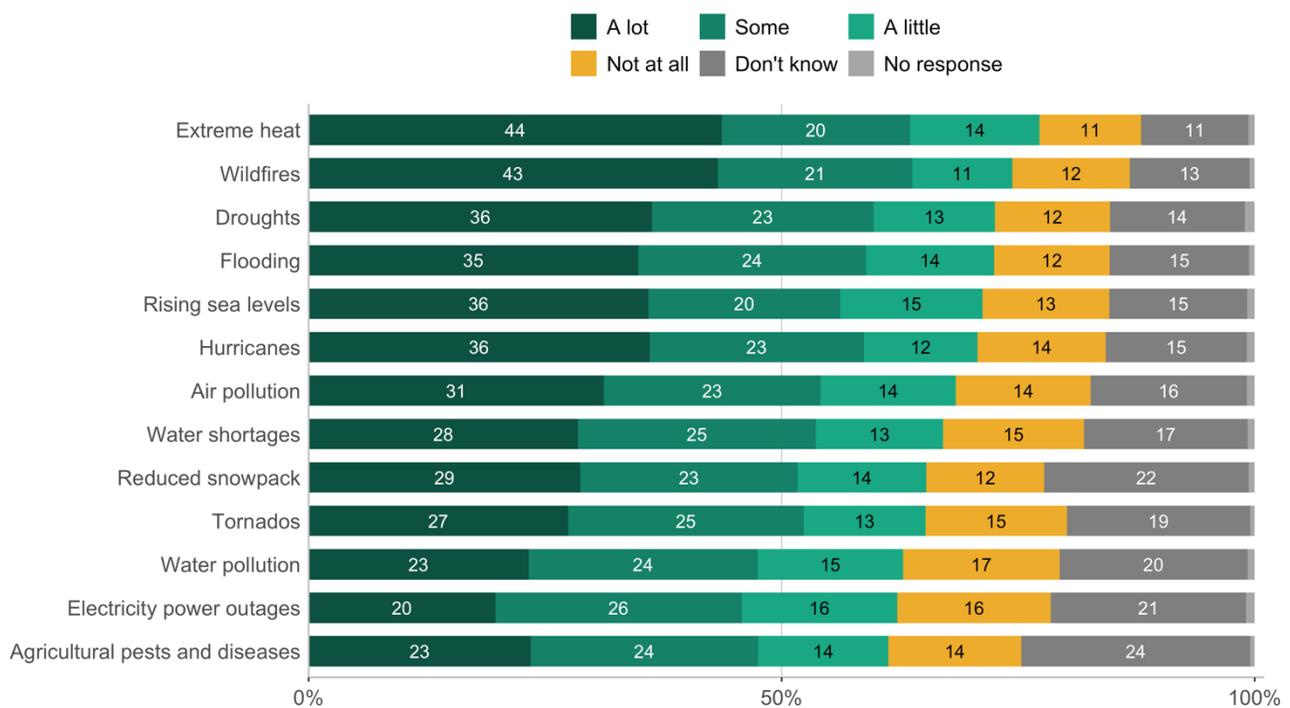
Fall 2024

Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication

5.2 Most Americans think global warming is affecting environmental problems in the United States.

Most Americans think global warming is affecting many environmental problems in the United States at least “a little.” Seven in ten or more think global warming is affecting extreme heat (77%), wildfires⁹ (74%), droughts (73%), flooding (72%), rising sea levels (71%), and hurricanes (71%). Six in ten or more think global warming is affecting air pollution (68%), water shortages (67%), reduced snowpack (65%), tornados (65%), water pollution (63%), electricity power outages (62%), and agricultural pests and diseases (61%).

Most Americans think global warming is affecting environmental problems in the United States



How much do you think global warming is affecting the following in the United States?

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Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication

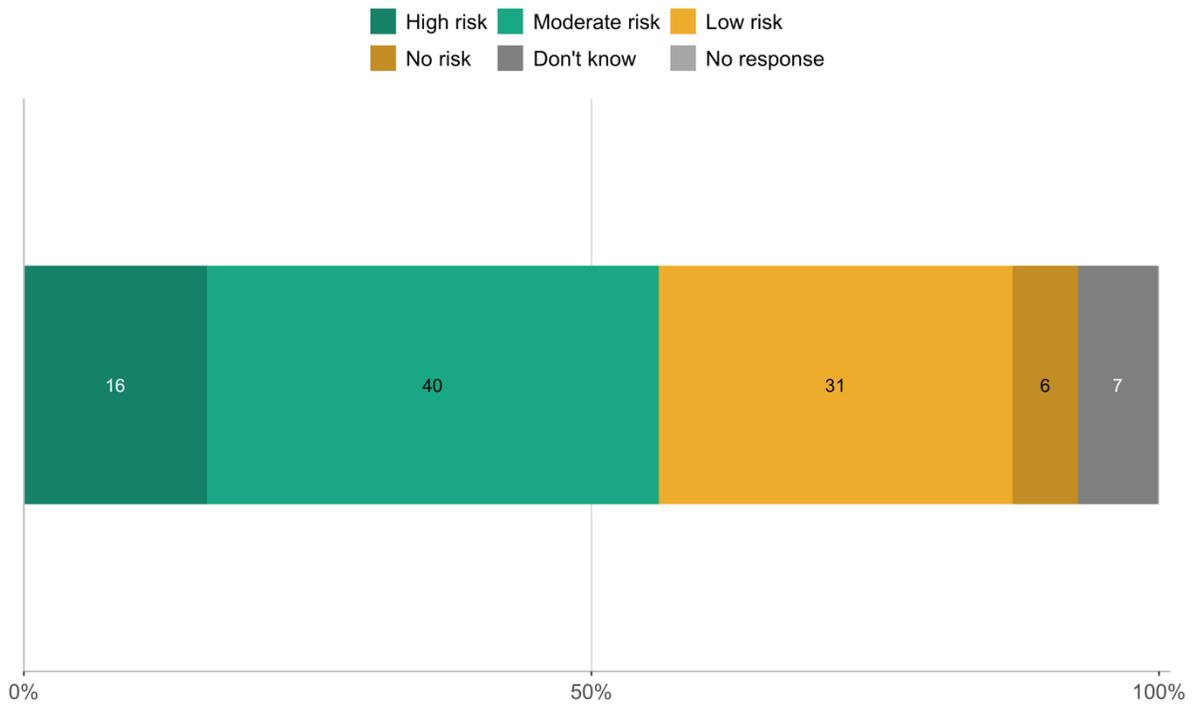
⁹ Note: This survey was conducted before the January 2025 wildfires in the greater Los Angeles area.



5.3 A majority of Americans think extreme weather poses a risk to their community.

A majority of Americans (56%) think extreme weather poses either a “high” (16%) or “moderate” (40%) risk to their community over the next 10 years. Fewer think extreme weather poses either a “low” risk (31%) or “no” risk (6%).

A majority of Americans think extreme weather poses a risk to their community



In your opinion, over the next 10 years how much risk does extreme weather pose to your community?

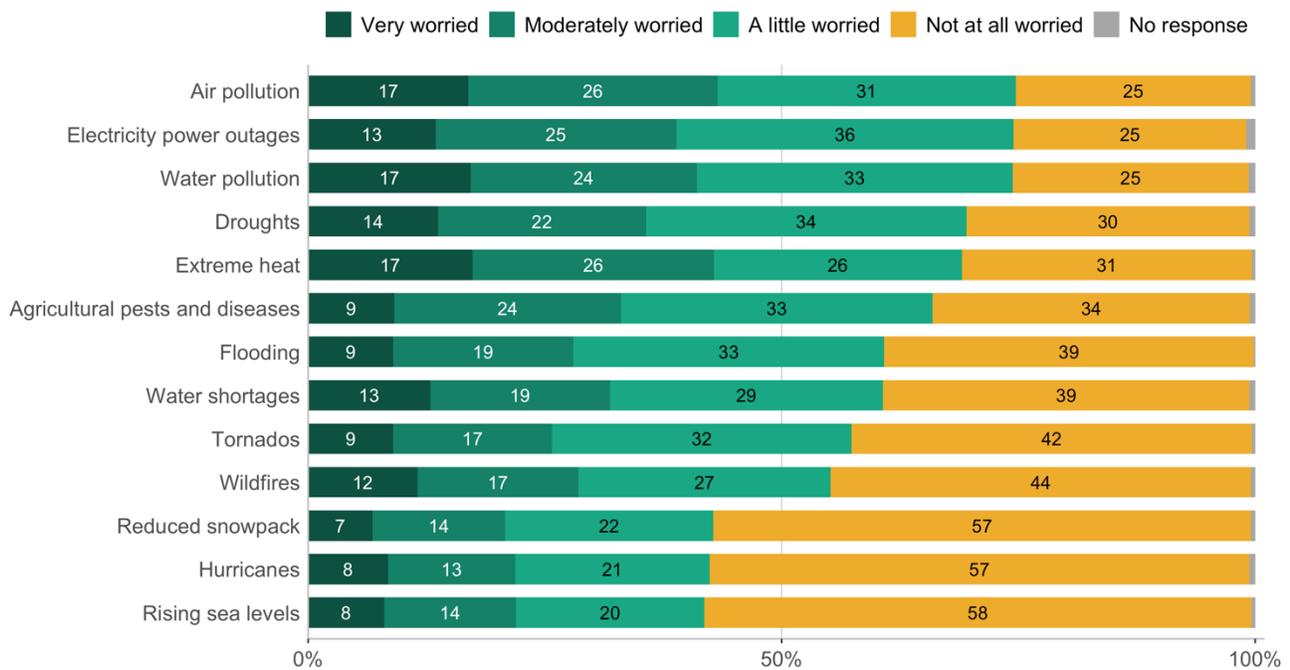
Fall 2024

Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication

5.4 A majority of Americans are worried about harm from environmental problems in their local area.

As shown in Section 5.2, many Americans think global warming already affects numerous environmental problems in the United States. This section details how worried Americans are that each of those environmental problems will harm their local area in the future. Majorities of Americans are at least “a little worried” their local area might be harmed by air pollution (75%), electricity power outages (74%), water pollution (74%), droughts (70%), extreme heat (69%), agricultural pests and diseases (66%), flooding (61%), water shortages (61%), tornados (57%), and wildfires¹⁰ (55%). Many Americans are also worried their local area might be harmed by reduced snowpack (43%), hurricanes (42%), and rising sea levels (42%).

A majority of Americans are worried about harm from environmental problems in their local area



How worried are you that the following might harm your local area?

Fall 2024

Source: Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication

¹⁰ Note: This survey was conducted before the January 2025 wildfires in the greater Los Angeles area.



Appendix I: Data Tables

Table Notes:

- In all tables, the base is all Americans age 18+.
- In the first row of each table, “Unweighted Base” refers to the unweighted number of respondents in each column.
- Percentages reported are weighted to match U.S. Census parameters.
- A dash (“-”) denotes that there were no responses in that cell, and “0” denotes that the cell value is greater than 0 but less than 0.50.
- If a dash (“-”) appears for all possible responses for a given question and wave, then that question was not asked in that survey wave.

1.1 Recently, you may have noticed that global warming has been getting some attention in the news. Global warming refers to the idea that the world's average temperature has been increasing over the past 150 years, may be increasing more in the future, and that the world's climate may change as a result.

What do you think: Do you think that global warming is happening?

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Yes (%)	71	57	61	63	62	66	70	63	62
No (%)	10	20	18	18	16	14	12	16	23
Don't know (%)	19	22	21	18	19	20	18	20	14
No response (%)	0	1	0	1	3	1	-	1	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Yes (%)	64	66	63	67	70	70	70	71	70
No (%)	19	16	18	15	11	13	13	13	14
Don't know (%)	17	18	19	18	18	17	16	15	16
No response (%)	0	0	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Yes (%)	73	69	72	73	72	70	76	72	70
No (%)	14	16	12	10	13	15	12	12	16
Don't know (%)	13	16	16	16	15	15	11	15	14
No response (%)	0	-	0	-	0	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Yes (%)	74	72	70	73
No (%)	15	15	13	14
Don't know (%)	11	12	17	14
No response (%)	0	0	-	0

1.2 Even if you don't know, what's your best guess about whether global warming is happening?

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Yes, global warming is happening (%)	-	-	-	-	-	-	-	-	-
No, global warming is not happening (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-
Not applicable (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Yes, global warming is happening (%)	-	-	-	-	-	-	-	9	10
No, global warming is not happening (%)	-	-	-	-	-	-	-	6	6
No response (%)	-	-	-	-	-	-	-	-	0
Not applicable (%)	-	-	-	-	-	-	-	85	84

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Yes, global warming is happening (%)	9	10	10	10	10	9	6	9	9
No, global warming is not happening (%)	4	6	5	6	5	6	5	6	6
No response (%)	0	-	0	-	0	0	-	0	0
Not applicable (%)	87	84	84	84	85	85	89	85	86

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Yes, global warming is happening (%)	7	8	12	9
No, global warming is not happening (%)	3	4	5	5
No response (%)	0	0	-	0
Not applicable (%)	89	87	83	86

1.3 How sure are you that global warming is happening?

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Extremely sure (%)	25	14	12	13	14	13	19	17	17
Very sure (%)	26	20	22	21	21	22	21	21	20
Somewhat sure (%)	17	21	24	25	24	27	28	23	24
Not at all sure (%)	3	3	2	4	3	3	2	2	2
No response (%)	-	0	0	-	0	0	-	-	-
Not applicable (%)	29	43	39	37	38	34	30	37	38

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Extremely sure (%)	19	16	17	19	21	24	22	25	29
Very sure (%)	21	23	20	21	22	21	24	22	20
Somewhat sure (%)	21	25	24	25	24	23	23	23	19
Not at all sure (%)	3	2	2	2	3	2	1	1	2
No response (%)	-	-	-	-	-	-	-	-	-
Not applicable (%)	36	34	37	33	30	30	30	29	30

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Extremely sure (%)	31	27	31	32	31	27	35	32	31
Very sure (%)	21	19	21	22	20	23	23	21	20
Somewhat sure (%)	20	20	17	18	21	19	17	17	18
Not at all sure (%)	2	2	2	2	1	1	2	2	2
No response (%)	-	-	0	-	-	-	-	-	-
Not applicable (%)	27	31	28	27	28	30	24	28	30

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Extremely sure (%)	30	29	32	31
Very sure (%)	22	20	19	21
Somewhat sure (%)	19	21	17	19
Not at all sure (%)	2	2	1	2
No response (%)	-	-	-	-
Not applicable (%)	26	28	30	27

1.3b How sure are you that global warming is not happening?

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Extremely sure (%)	3	5	4	4	3	2	2	3	5
Very sure (%)	3	6	6	5	6	6	3	5	8
Somewhat sure (%)	4	7	8	7	6	5	6	7	8
Not at all sure (%)	1	1	1	2	1	1	2	2	2
No response (%)	-	1	-	-	0	-	-	-	-
Not applicable (%)	90	80	82	82	84	86	88	84	77

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Extremely sure (%)	3	4	4	3	2	3	4	2	2
Very sure (%)	5	5	6	5	4	4	3	4	5
Somewhat sure (%)	9	6	7	6	4	5	5	5	5
Not at all sure (%)	2	2	2	2	1	1	1	1	2
No response (%)	-	-	-	-	-	-	-	-	-
Not applicable (%)	81	84	82	85	89	87	87	87	86

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Extremely sure (%)	3	3	4	2	2	4	3	3	5
Very sure (%)	4	5	3	4	4	5	4	4	5
Somewhat sure (%)	6	6	5	4	4	5	4	4	4
Not at all sure (%)	1	2	1	1	2	1	1	2	1
No response (%)	-	0	0	-	0	-	-	-	-
Not applicable (%)	86	84	88	90	87	85	88	88	84

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Extremely sure (%)	4	3	3	3
Very sure (%)	4	5	4	5
Somewhat sure (%)	6	5	5	5
Not at all sure (%)	1	2	1	1
No response (%)	-	-	-	-
Not applicable (%)	85	85	87	86

1.4 Assuming global warming is happening, do you think it is . . .

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Caused mostly by human activities (%)	57	46	50	47	49	46	54	49	47
Caused by human activities and natural changes (%)	5	6	7	7	6	9	5	7	5
Caused mostly by natural changes in the environment (%)	32	35	34	35	32	37	32	33	36
None of the above, because global warming isn't happening (%)	4	9	6	8	8	5	7	8	8
Other (%)	1	1	1	1	2	2	1	2	3
Don't know (%)	1	1	1	1	1	1	1	0	-
No response (%)	1	2	1	1	3	1	-	1	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Caused mostly by human activities (%)	52	51	52	53	53	55	58	54	58
Caused by human activities and natural changes (%)	5	6	4	5	5	5	6	6	5
Caused mostly by natural changes in the environment (%)	33	33	32	33	34	30	30	33	28
None of the above, because global warming isn't happening (%)	7	9	10	8	7	8	6	6	7
Other (%)	1	1	1	1	1	1	1	1	1
Don't know (%)	1	1	1	0	1	1	1	0	0
No response (%)	1	-	-	-	-	0	0	0	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Caused mostly by human activities (%)	62	55	59	62	58	57	60	56	58
Caused by human activities and natural changes (%)	6	6	5	5	6	5	6	5	4
Caused mostly by natural changes in the environment (%)	23	32	30	29	29	30	27	33	27
None of the above, because global warming isn't happening (%)	8	6	5	5	5	8	5	5	10
Other (%)	0	1	1	0	1	0	1	1	1
Don't know (%)	0	1	0	0	0	0	1	0	0
No response (%)	0	0	0	0	0	-	0	-	0

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Caused mostly by human activities (%)	61	58	59	60
Caused by human activities and natural changes (%)	4	6	4	-
Caused mostly by natural changes in the environment (%)	28	29	29	28
None of the above, because global warming isn't happening (%)	6	6	6	6
Other (%)	1	1	1	6
Don't know (%)	0	0	0	-
No response (%)	0	0	-	0

1.5 Which comes closest to your own view?

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Most scientists think global warming is happening (%)	46	33	34	38	40	34	44	42	42
There is a lot of disagreement among scientists about whether or not global warming is happening (%)	33	39	45	39	38	41	36	33	33
Most scientists think global warming is not happening (%)	2	5	4	4	3	3	3	4	6
Don't know enough to say (%)	18	21	17	18	17	21	18	20	18
No response (%)	1	2	0	1	2	1	0	1	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Most scientists think global warming is happening (%)	40	44	40	-	48	51	49	56	49
There is a lot of disagreement among scientists about whether or not global warming is happening (%)	32	31	32	-	28	27	27	27	27
Most scientists think global warming is not happening (%)	5	3	3	-	3	3	3	2	2
Don't know enough to say (%)	23	22	25	-	21	18	21	14	21
No response (%)	0	-	-	-	0	0	-	0	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Most scientists think global warming is happening (%)	57	53	55	56	58	57	59	55	58
There is a lot of disagreement among scientists about whether or not global warming is happening (%)	25	25	24	24	23	24	21	25	20
Most scientists think global warming is not happening (%)	3	3	4	3	3	3	3	2	3
Don't know enough to say (%)	14	19	17	16	16	16	17	19	19
No response (%)	0	0	-	0	0	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Most scientists think global warming is happening (%)	58	53	58	57
There is a lot of disagreement among scientists about whether or not global warming is happening (%)	22	25	22	21
Most scientists think global warming is not happening (%)	2	3	2	3
Don't know enough to say (%)	17	19	19	19
No response (%)	-	-	-	0

2.1 How much do you agree or disagree with the following statements?

I have personally experienced the effects of global warming

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Strongly agree (%)	4	4	5	5	7	5	4	6	6
Somewhat agree (%)	28	19	24	27	28	30	34	33	27
Somewhat disagree (%)	42	32	34	32	34	30	30	29	30
Strongly disagree (%)	24	37	34	30	23	33	31	31	36
No response (%)	2	7	3	6	8	2	0	2	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Strongly agree (%)	5	4	4	-	7	7	5	8	5
Somewhat agree (%)	29	26	27	-	33	29	34	36	36
Somewhat disagree (%)	29	29	29	-	29	29	29	30	27
Strongly disagree (%)	35	41	40	-	31	35	31	26	32
No response (%)	1	0	-	-	0	0	0	0	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Strongly agree (%)	11	6	10	9	12	7	12	9	12
Somewhat agree (%)	35	32	35	35	30	36	40	33	34
Somewhat disagree (%)	24	28	23	26	24	26	21	25	22
Strongly disagree (%)	31	33	31	30	34	31	26	33	31
No response (%)	-	0	0	0	-	1	-	0	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Strongly agree (%)	8	9	12	14
Somewhat agree (%)	37	35	37	36
Somewhat disagree (%)	26	24	24	22
Strongly disagree (%)	29	32	26	28
No response (%)	1	0	1	0

2.2 When do you think global warming will start to harm people in the United States?

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
They are being harmed now (%)	33	24	28	31	29	29	36	34	34
In 10 years (%)	13	12	12	11	10	11	13	11	10
In 25 years (%)	13	13	11	13	13	13	11	12	14
In 50 years (%)	13	12	13	12	15	14	12	12	11
In 100 years (%)	12	13	14	11	15	15	13	13	12
Never (%)	14	23	19	19	16	15	15	17	18
No response (%)	3	2	3	2	3	2	1	1	2

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
They are being harmed now (%)	32	33	32	34	38	36	35	42	39
In 10 years (%)	9	10	10	13	12	14	11	12	11
In 25 years (%)	14	14	13	14	13	15	13	12	12
In 50 years (%)	15	12	11	11	12	10	13	11	12
In 100 years (%)	14	13	13	10	10	9	13	11	11
Never (%)	16	18	20	18	14	16	15	12	15
No response (%)	1	0	0	0	0	0	0	0	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
They are being harmed now (%)	48	38	45	45	47	45	55	48	49
In 10 years (%)	7	10	12	13	12	11	9	9	9
In 25 years (%)	14	13	12	12	10	10	8	10	9
In 50 years (%)	7	11	9	9	9	8	7	9	8
In 100 years (%)	9	12	9	8	9	9	8	8	8
Never (%)	14	15	14	13	14	16	13	16	16
No response (%)	0	0	0	0	0	0	0	0	0

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
They are being harmed now (%)	48	46	47	48
In 10 years (%)	10	11	10	10
In 25 years (%)	9	10	12	10
In 50 years (%)	9	9	9	9
In 100 years (%)	10	8	9	9
Never (%)	14	16	13	14
No response (%)	0	0	0	1

2.3 How much do you think global warming will harm . . . ?

You personally

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A great deal (%)	9	13	10	11	9	11	16	15	13
A moderate amount (%)	22	23	21	18	20	18	26	25	25
Only a little (%)	24	21	27	27	28	30	25	26	27
Not at all (%)	22	30	24	25	24	29	20	23	26
Don't know (%)	23	11	18	17	16	11	13	11	8
No response (%)	1	2	0	2	3	1	0	1	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A great deal (%)	13	12	10	14	12	14	13	16	14
A moderate amount (%)	25	24	26	27	28	27	29	33	28
Only a little (%)	26	26	26	26	24	25	26	24	27
Not at all (%)	25	27	25	20	23	25	22	19	20
Don't know (%)	10	11	13	12	12	8	9	7	11
No response (%)	1	0	0	0	0	-	0	0	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A great deal (%)	22	14	18	13	15	15	21	17	16
A moderate amount (%)	27	29	26	29	28	30	29	30	28
Only a little (%)	20	24	24	26	24	24	21	21	23
Not at all (%)	20	25	22	21	23	22	20	23	22
Don't know (%)	10	8	11	10	10	10	9	9	12
No response (%)	0	0	0	-	0	0	-	-	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A great deal (%)	18	16	16	15
A moderate amount (%)	29	29	28	31
Only a little (%)	22	24	26	24
Not at all (%)	23	22	20	21
Don't know (%)	8	10	11	9
No response (%)	0	0	-	-

Your family

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A great deal (%)	11	15	11	12	10	12	18	17	17
A moderate amount (%)	24	25	25	21	23	21	28	27	25
Only a little (%)	23	21	23	25	27	28	23	23	25
Not at all (%)	18	27	21	23	21	26	17	20	24
Don't know (%)	23	11	19	17	17	12	14	11	8
No response (%)	1	2	0	2	2	1	0	1	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A great deal (%)	16	15	13	-	15	17	16	19	17
A moderate amount (%)	27	28	28	-	30	30	31	35	30
Only a little (%)	24	23	23	-	22	24	25	22	25
Not at all (%)	21	23	22	-	21	21	19	16	17
Don't know (%)	11	11	13	-	12	8	9	8	12
No response (%)	1	0	0	-	-	-	0	0	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A great deal (%)	27	18	21	16	19	17	26	21	18
A moderate amount (%)	29	30	28	30	30	32	29	30	30
Only a little (%)	17	22	22	24	20	22	18	21	20
Not at all (%)	17	22	18	19	21	19	18	20	20
Don't know (%)	9	9	11	11	10	10	9	9	12
No response (%)	-	0	0	-	0	0	-	-	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A great deal (%)	20	18	19	19
A moderate amount (%)	31	31	30	32
Only a little (%)	20	21	23	22
Not at all (%)	20	20	17	18
Don't know (%)	9	9	11	9
No response (%)	0	0	0	-

People in your community

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A great deal (%)	13	15	11	12	10	12	19	17	14
A moderate amount (%)	26	27	25	21	23	21	29	28	29
Only a little (%)	20	21	23	25	26	29	23	23	24
Not at all (%)	17	24	21	21	20	24	15	18	23
Don't know (%)	23	11	19	18	17	13	13	13	9
No response (%)	1	3	0	2	3	2	0	1	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A great deal (%)	16	16	14	-	15	19	16	21	17
A moderate amount (%)	28	27	29	-	31	30	32	34	32
Only a little (%)	24	23	24	-	23	22	23	22	22
Not at all (%)	20	22	20	-	19	20	18	15	16
Don't know (%)	11	11	14	-	12	9	10	8	12
No response (%)	1	0	0	-	0	-	-	0	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A great deal (%)	27	19	22	17	19	18	25	19	20
A moderate amount (%)	30	30	29	31	32	33	31	33	30
Only a little (%)	16	22	20	23	19	21	17	20	20
Not at all (%)	16	21	17	17	19	18	16	18	18
Don't know (%)	10	8	11	11	10	11	10	9	12
No response (%)	0	0	0	0	0	0	-	-	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A great deal (%)	21	19	21	19
A moderate amount (%)	34	31	31	33
Only a little (%)	17	20	21	21
Not at all (%)	19	19	16	17
Don't know (%)	10	11	10	9
No response (%)	0	0	-	-

People in the United States

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A great deal (%)	21	22	16	16	15	18	26	22	23
A moderate amount (%)	28	28	28	26	28	28	31	30	30
Only a little (%)	15	15	21	22	23	23	17	18	19
Not at all (%)	13	21	17	17	16	17	12	16	20
Don't know (%)	22	12	17	18	16	12	13	12	7
No response (%)	1	3	0	2	3	2	0	1	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A great deal (%)	23	23	19	23	24	28	25	34	28
A moderate amount (%)	30	30	30	33	35	32	33	33	30
Only a little (%)	18	20	20	18	16	17	19	14	18
Not at all (%)	18	17	17	14	15	15	15	11	12
Don't know (%)	10	11	14	12	10	8	9	7	12
No response (%)	1	0	0	0	0	-	0	0	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A great deal (%)	38	30	35	29	32	31	38	31	33
A moderate amount (%)	27	28	30	33	30	32	29	33	29
Only a little (%)	12	15	12	16	14	13	12	14	13
Not at all (%)	13	17	13	12	13	14	11	14	14
Don't know (%)	10	9	10	10	11	9	9	8	11
No response (%)	0	0	0	-	-	0	-	-	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A great deal (%)	36	30	31	33
A moderate amount (%)	28	29	34	30
Only a little (%)	14	16	14	16
Not at all (%)	14	15	12	12
Don't know (%)	8	10	10	9
No response (%)	0	0	-	-

People in developing countries

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A great deal (%)	31	28	22	23	22	26	35	30	32
A moderate amount (%)	21	24	27	21	27	25	29	25	24
Only a little (%)	10	14	17	19	17	18	10	18	17
Not at all (%)	13	19	15	16	15	16	11	13	19
Don't know (%)	24	13	18	18	17	14	15	13	8
No response (%)	1	2	0	2	3	2	0	1	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A great deal (%)	31	29	27	34	36	40	37	47	38
A moderate amount (%)	24	26	26	27	27	25	25	25	24
Only a little (%)	17	16	17	13	12	12	16	10	12
Not at all (%)	16	17	15	13	13	13	13	10	12
Don't know (%)	11	12	15	13	12	11	9	9	13
No response (%)	1	0	0	0	-	-	0	0	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A great deal (%)	48	42	48	44	46	47	52	44	47
A moderate amount (%)	20	22	19	22	21	21	19	25	19
Only a little (%)	8	11	8	10	10	9	7	9	9
Not at all (%)	11	15	12	10	10	12	11	12	13
Don't know (%)	13	10	12	14	13	11	11	10	13
No response (%)	0	0	0	-	0	0	-	-	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A great deal (%)	50	45	46	45
A moderate amount (%)	18	21	22	23
Only a little (%)	9	10	9	10
Not at all (%)	12	12	11	10
Don't know (%)	10	12	13	12
No response (%)	0	0	-	-

The world's poor

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A great deal (%)	-	-	-	-	-	-	-	-	-
A moderate amount (%)	-	-	-	-	-	-	-	-	-
Only a little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A great deal (%)	-	-	30	36	40	43	39	49	40
A moderate amount (%)	-	-	23	25	22	21	23	21	22
Only a little (%)	-	-	16	12	12	11	15	10	13
Not at all (%)	-	-	16	13	13	13	13	10	12
Don't know (%)	-	-	15	13	14	12	10	9	13
No response (%)	-	-	-	0	0	0	-	0	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A great deal (%)	50	44	50	46	48	47	55	50	50
A moderate amount (%)	17	20	16	21	18	21	16	20	17
Only a little (%)	8	11	9	11	10	9	8	8	9
Not at all (%)	12	15	13	10	12	13	11	13	13
Don't know (%)	13	10	12	12	13	11	11	10	12
No response (%)	-	0	0	-	0	0	-	-	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A great deal (%)	51	49	49	48
A moderate amount (%)	18	18	20	20
Only a little (%)	9	8	9	9
Not at all (%)	12	13	10	11
Don't know (%)	11	11	12	12
No response (%)	0	0	-	0

Future generations of people

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A great deal (%)	43	41	39	36	40	42	47	42	46
A moderate amount (%)	17	21	22	22	21	22	21	21	19
Only a little (%)	7	9	11	10	13	12	9	12	11
Not at all (%)	10	15	12	11	9	11	8	12	15
Don't know (%)	22	12	16	18	15	13	14	12	9
No response (%)	2	3	1	3	2	1	0	1	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A great deal (%)	49	46	42	51	48	53	50	54	52
A moderate amount (%)	18	18	21	19	22	18	20	21	18
Only a little (%)	10	11	10	8	8	9	10	8	9
Not at all (%)	11	13	12	11	10	10	11	9	9
Don't know (%)	11	13	15	11	11	10	8	8	12
No response (%)	1	0	0	0	0	-	-	0	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A great deal (%)	59	52	57	53	55	55	58	54	53
A moderate amount (%)	16	17	15	20	17	16	16	18	15
Only a little (%)	6	9	7	9	8	8	7	10	8
Not at all (%)	9	13	10	7	8	11	9	10	12
Don't know (%)	10	9	11	11	12	10	10	9	12
No response (%)	-	0	0	-	0	0	-	-	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A great deal (%)	56	55	55	54
A moderate amount (%)	15	15	17	18
Only a little (%)	9	8	8	8
Not at all (%)	11	11	9	10
Don't know (%)	9	11	12	10
No response (%)	0	0	-	-

Plant and animal species

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A great deal (%)	45	41	40	38	40	43	43	39	46
A moderate amount (%)	17	19	20	18	18	21	25	24	19
Only a little (%)	8	10	12	12	15	13	11	13	11
Not at all (%)	9	15	13	12	9	10	8	13	15
Don't know (%)	20	12	15	17	14	12	13	10	7
No response (%)	2	3	1	2	3	1	0	1	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A great deal (%)	47	44	42	-	48	50	49	54	53
A moderate amount (%)	19	20	21	-	23	19	22	21	18
Only a little (%)	12	10	12	-	9	10	10	9	9
Not at all (%)	12	13	12	-	11	11	11	8	9
Don't know (%)	10	12	13	-	10	9	8	7	10
No response (%)	1	0	0	-	0	0	0	0	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A great deal (%)	58	52	57	54	55	53	59	54	52
A moderate amount (%)	16	19	16	19	18	18	17	18	18
Only a little (%)	8	10	7	9	9	9	7	10	8
Not at all (%)	9	11	10	8	8	11	8	9	11
Don't know (%)	9	8	10	10	10	9	9	9	12
No response (%)	0	0	0	-	0	0	-	-	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A great deal (%)	54	54	54	54
A moderate amount (%)	16	17	18	17
Only a little (%)	9	9	9	11
Not at all (%)	11	11	8	10
Don't know (%)	9	9	11	9
No response (%)	0	0	-	-

2.4 Have you ever considered moving to a different home to avoid the impacts of global warming, such as sea-level rise, flooding, heat waves, or wildfires?

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Yes (%)	-	-	-	-	-	-	-	-	-
Not sure (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Yes (%)	-	-	-	-	-	-	-	-	-
Not sure (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Yes (%)	-	-	-	-	-	-	-	13	10
Not sure (%)	-	-	-	-	-	-	-	8	8
No (%)	-	-	-	-	-	-	-	78	82
No response (%)	-	-	-	-	-	-	-	1	0

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Yes (%)	11	10	12	11
Not sure (%)	6	8	7	8
No (%)	83	81	81	81
No response (%)	1	0	1	0

3.1 How worried are you about global warming?

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Very worried (%)	16	11	12	9	12	11	16	14	15
Somewhat worried (%)	46	37	41	42	41	42	42	37	38
Not very worried (%)	24	27	30	28	30	30	25	30	26
Not at all worried (%)	13	22	18	20	15	16	17	19	20
No response (%)	1	2	0	1	2	1	0	0	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Very worried (%)	15	11	11	16	16	19	17	22	21
Somewhat worried (%)	41	45	41	41	42	42	39	42	41
Not very worried (%)	27	26	29	27	25	24	27	23	22
Not at all worried (%)	18	18	19	16	18	15	17	14	16
No response (%)	0	-	-	-	-	-	-	-	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Very worried (%)	29	23	30	26	27	25	35	30	27
Somewhat worried (%)	40	39	36	40	39	40	35	34	37
Not very worried (%)	19	23	19	22	20	19	18	19	19
Not at all worried (%)	13	14	15	12	14	17	12	17	16
No response (%)	0	-	-	-	-	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Very worried (%)	30	29	28	28
Somewhat worried (%)	36	36	36	36
Not very worried (%)	19	20	22	21
Not at all worried (%)	16	15	14	15
No response (%)	-	0	-	-

4.1 How often do you discuss global warming with your family and friends?

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Often (%)	5	6	5	4	4	5	3	4	3
Occasionally (%)	35	29	30	26	26	24	26	28	23
Rarely (%)	33	34	39	41	39	40	38	39	38
Never (%)	26	30	25	28	29	30	34	28	34
No response (%)	1	2	0	1	2	1	0	0	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Often (%)	4	3	3	5	4	6	5	6	5
Occasionally (%)	28	24	23	29	27	27	28	32	30
Rarely (%)	39	36	38	33	36	36	36	37	34
Never (%)	29	37	36	32	32	31	31	25	31
No response (%)	0	-	-	-	-	-	-	-	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Often (%)	8	6	9	5	6	6	7	5	8
Occasionally (%)	34	31	32	31	32	27	32	28	29
Rarely (%)	33	33	32	38	31	34	30	35	30
Never (%)	26	30	27	26	32	33	30	32	33
No response (%)	-	-	-	0	0	-	-	-	0

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Often (%)	5	5	6	5
Occasionally (%)	29	30	29	33
Rarely (%)	34	32	33	30
Never (%)	32	33	33	33
No response (%)	-	0	-	0

4.2 How important is it to your family and friends that you take action to reduce global warming?

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Extremely important (%)	-	-	-	-	-	-	-	-	-
Very important (%)	-	-	-	-	-	-	-	-	-
Moderately important (%)	-	-	-	-	-	-	-	-	-
Not too important (%)	-	-	-	-	-	-	-	-	-
Not at all important (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Extremely important (%)	-	-	-	-	-	-	5	-	-
Very important (%)	-	-	-	-	-	-	13	-	-
Moderately important (%)	-	-	-	-	-	-	27	-	-
Not too important (%)	-	-	-	-	-	-	23	-	-
Not at all important (%)	-	-	-	-	-	-	20	-	-
Don't know (%)	-	-	-	-	-	-	11	-	-
No response (%)	-	-	-	-	-	-	0	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Extremely important (%)	6	5	6	5	6	5	5	6	4
Very important (%)	13	14	11	12	12	12	13	10	10
Moderately important (%)	27	26	26	30	27	25	25	24	26
Not too important (%)	19	17	20	20	21	20	20	19	19
Not at all important (%)	18	19	19	17	21	22	20	24	24
Don't know (%)	16	17	17	15	12	15	16	16	15
No response (%)	1	2	1	0	0	1	1	1	0

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Extremely important (%)	3	3	5	4
Very important (%)	13	10	11	8
Moderately important (%)	25	27	25	25
Not too important (%)	20	18	20	22
Not at all important (%)	26	23	24	24
Don't know (%)	13	18	14	16
No response (%)	1	1	1	1

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A great deal of effort (%)	-	-	-	-	-	-	-	-	-
A lot of effort (%)	-	-	-	-	-	-	-	-	-
A moderate amount of effort (%)	-	-	-	-	-	-	-	-	-
A little effort (%)	-	-	-	-	-	-	-	-	-
No effort (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A great deal of effort (%)	-	-	-	-	-	-	3	-	-
A lot of effort (%)	-	-	-	-	-	-	8	-	-
A moderate amount of effort (%)	-	-	-	-	-	-	31	-	-
A little effort (%)	-	-	-	-	-	-	29	-	-
No effort (%)	-	-	-	-	-	-	19	-	-
Don't know (%)	-	-	-	-	-	-	10	-	-
No response (%)	-	-	-	-	-	-	0	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A great deal of effort (%)	4	3	3	2	3	3	3	4	3
A lot of effort (%)	7	8	7	6	7	7	7	7	5
A moderate amount of effort (%)	29	30	30	37	26	27	28	29	28
A little effort (%)	29	24	28	29	31	31	30	28	27
No effort (%)	16	19	16	12	19	18	17	19	23
Don't know (%)	14	15	15	14	13	13	15	14	13
No response (%)	1	1	1	0	0	1	1	0	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A great deal of effort (%)	2	2	2	3
A lot of effort (%)	6	5	7	6
A moderate amount of effort (%)	30	28	27	27
A little effort (%)	28	28	28	31
No effort (%)	23	20	22	19
Don't know (%)	10	16	14	14
No response (%)	0	1	1	1

4.3 About how often do you hear about global warming in the media (TV, movies, radio, newspapers/news websites, magazines, etc.)?

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
At least once a week (%)	-	-	-	-	-	-	-	-	-
At least once a month (%)	-	-	-	-	-	-	-	-	-
Several times a year (%)	-	-	-	-	-	-	-	-	-
Once a year or less often (%)	-	-	-	-	-	-	-	-	-
Never (%)	-	-	-	-	-	-	-	-	-
Not sure (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
At least once a week (%)	-	-	19	25	22	-	23	24	20
At least once a month (%)	-	-	21	23	22	-	20	28	23
Several times a year (%)	-	-	30	26	26	-	26	25	28
Once a year or less often (%)	-	-	8	8	8	-	9	7	9
Never (%)	-	-	6	6	7	-	9	3	7
Not sure (%)	-	-	15	11	15	-	11	13	12
No response (%)	-	-	0	1	0	-	1	1	1

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
At least once a week (%)	34	31	35	24	27	27	35	33	35
At least once a month (%)	22	20	21	24	23	21	22	24	23
Several times a year (%)	22	21	19	24	24	27	18	19	18
Once a year or less often (%)	5	6	6	8	7	6	5	7	6
Never (%)	6	8	6	8	7	7	9	6	8
Not sure (%)	8	13	13	12	10	11	10	11	9
No response (%)	2	1	1	1	1	1	1	0	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
At least once a week (%)	31	28	28	25
At least once a month (%)	22	23	22	22
Several times a year (%)	20	22	21	25
Once a year or less often (%)	9	8	7	8
Never (%)	9	8	11	8
Not sure (%)	9	10	11	12
No response (%)	1	1	0	0

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
At least once a week (%)	-	-	-	-	-	-	-	-	-
At least once a month (%)	-	-	-	-	-	-	-	-	-
Several times a year (%)	-	-	-	-	-	-	-	-	-
Once a year or less often (%)	-	-	-	-	-	-	-	-	-
Never (%)	-	-	-	-	-	-	-	-	-
Not sure (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
At least once a week (%)	-	-	4	6	5	-	6	7	5
At least once a month (%)	-	-	12	15	13	-	13	17	15
Several times a year (%)	-	-	23	22	25	-	21	24	24
Once a year or less often (%)	-	-	21	22	19	-	22	21	20
Never (%)	-	-	25	26	24	-	28	18	22
Not sure (%)	-	-	14	9	13	-	10	12	13
No response (%)	-	-	0	1	1	-	1	1	1

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
At least once a week (%)	9	8	8	6	5	6	9	8	8
At least once a month (%)	17	15	16	16	16	13	15	15	17
Several times a year (%)	24	23	23	24	23	22	23	20	21
Once a year or less often (%)	19	16	15	23	21	20	15	19	17
Never (%)	22	24	25	24	28	28	28	28	28
Not sure (%)	7	12	12	8	7	9	9	8	8
No response (%)	1	1	1	1	0	1	1	0	0

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
At least once a week (%)	9	7	6	6
At least once a month (%)	14	14	15	14
Several times a year (%)	22	23	22	24
Once a year or less often (%)	18	19	18	19
Never (%)	28	29	30	28
Not sure (%)	8	8	8	8
No response (%)	1	1	0	0

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
At least once a week (%)	-	-	-	-	-	-	-	-	-
At least once a month (%)	-	-	-	-	-	-	-	-	-
Several times a year (%)	-	-	-	-	-	-	-	-	-
Once a year or less often (%)	-	-	-	-	-	-	-	-	-
Never (%)	-	-	-	-	-	-	-	-	-
Not sure (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
At least once a week (%)	-	-	-	-	-	-	-	-	-
At least once a month (%)	-	-	-	-	-	-	-	-	-
Several times a year (%)	-	-	-	-	-	-	-	-	-
Once a year or less often (%)	-	-	-	-	-	-	-	-	-
Never (%)	-	-	-	-	-	-	-	-	-
Not sure (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
At least once a week (%)	-	-	-	-	-	-	-	-	-
At least once a month (%)	-	-	-	-	-	-	-	-	-
Several times a year (%)	-	-	-	-	-	-	-	-	-
Once a year or less often (%)	-	-	-	-	-	-	-	-	-
Never (%)	-	-	-	-	-	-	-	-	-
Not sure (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
At least once a week (%)	-	-	13	13
At least once a month (%)	-	-	15	15
Several times a year (%)	-	-	16	19
Once a year or less often (%)	-	-	8	9
Never (%)	-	-	30	28
Not sure (%)	-	-	17	16
No response (%)	-	-	1	1

4.4 How important is the issue of global warming to you personally?

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Extremely important (%)	10	5	6	7	6	6	6	8	8
Very important (%)	20	14	18	15	13	14	17	13	14
Somewhat important (%)	39	37	38	37	40	40	36	36	33
Not too important (%)	18	23	24	24	24	23	24	24	25
Not at all important (%)	11	19	14	14	15	16	17	18	18
No response (%)	1	2	0	2	2	2	0	0	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Extremely important (%)	8	5	6	7	9	10	10	12	10
Very important (%)	17	16	15	18	17	17	16	19	18
Somewhat important (%)	38	37	35	37	35	34	38	37	35
Not too important (%)	21	24	24	21	21	22	22	19	22
Not at all important (%)	16	18	20	17	17	16	15	14	15
No response (%)	0	0	-	-	0	-	-	-	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Extremely important (%)	16	12	18	13	13	13	19	15	14
Very important (%)	24	18	24	24	24	22	24	24	21
Somewhat important (%)	32	33	26	29	30	33	28	25	31
Not too important (%)	15	19	18	20	17	16	15	18	16
Not at all important (%)	14	17	16	13	16	17	15	18	18
No response (%)	-	0	-	0	-	0	-	-	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Extremely important (%)	13	14	15	14
Very important (%)	22	23	20	22
Somewhat important (%)	30	30	31	29
Not too important (%)	18	13	17	18
Not at all important (%)	17	20	16	17
No response (%)	-	0	0	0

4.5 Over the past 12 months, how many times have you done the following?

Rewarded companies that are taking steps to reduce global warming by buying their products.

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Many times (6+) (%)	4	3	4	6	7	7	8	6	7
Several times (4-5) (%)	9	5	6	6	9	8	8	7	7
A few times (2-3) (%)	17	13	12	17	15	13	12	13	13
Once (%)	3	4	4	4	3	5	4	3	2
Never (%)	46	50	51	43	41	48	48	51	52
Don't know (%)	19	21	23	21	23	17	21	20	18
No response (%)	1	4	1	3	2	2	0	1	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Many times (6+) (%)	7	6	6	6	6	7	6	7	8
Several times (4-5) (%)	9	7	7	7	9	8	9	9	8
A few times (2-3) (%)	13	11	12	13	12	12	13	14	15
Once (%)	2	3	4	3	4	4	2	2	3
Never (%)	50	51	49	51	48	51	46	44	42
Don't know (%)	19	21	23	19	22	18	23	23	24
No response (%)	1	-	-	-	-	-	-	0	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Many times (6+) (%)	7	-	9	-	9	5	8	-	-
Several times (4-5) (%)	7	-	8	-	10	7	8	-	-
A few times (2-3) (%)	16	-	14	-	14	15	15	-	-
Once (%)	2	-	2	-	3	3	2	-	-
Never (%)	45	-	44	-	48	51	46	-	-
Don't know (%)	23	-	24	-	16	18	21	-	-
No response (%)	0	-	0	-	-	0	-	-	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Many times (6+) (%)	-	5	8	6
Several times (4-5) (%)	-	5	8	7
A few times (2-3) (%)	-	12	13	15
Once (%)	-	3	4	3
Never (%)	-	63	56	57
Don't know (%)	-	11	12	12
No response (%)	-	0	0	0

Punished companies that are opposing steps to reduce global warming by NOT buying their products.

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Many times (6+) (%)	5	3	7	7	7	8	6	4	6
Several times (4-5) (%)	6	5	4	4	5	5	4	5	5
A few times (2-3) (%)	11	9	8	10	11	10	11	10	10
Once (%)	3	2	3	3	4	4	3	2	3
Never (%)	53	53	54	51	46	54	56	59	58
Don't know (%)	22	22	24	20	25	17	20	18	18
No response (%)	1	4	0	3	2	2	0	1	1

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Many times (6+) (%)	7	6	5	4	4	5	6	6	6
Several times (4-5) (%)	5	5	5	5	6	6	6	5	7
A few times (2-3) (%)	10	9	7	11	11	10	10	12	13
Once (%)	4	2	4	2	3	3	2	3	2
Never (%)	54	56	56	57	53	57	54	51	48
Don't know (%)	19	22	24	20	23	19	22	22	24
No response (%)	1	-	-	-	-	-	-	0	0

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Many times (6+) (%)	5	-	6	-	8	4	7	-	-
Several times (4-5) (%)	5	-	6	-	7	5	6	-	-
A few times (2-3) (%)	13	-	11	-	13	11	13	-	-
Once (%)	2	-	3	-	2	2	2	-	-
Never (%)	54	-	51	-	54	59	52	-	-
Don't know (%)	21	-	22	-	16	19	20	-	-
No response (%)	0	-	0	-	-	0	-	-	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Many times (6+) (%)	-	5	7	6
Several times (4-5) (%)	-	4	4	5
A few times (2-3) (%)	-	10	11	12
Once (%)	-	2	4	4
Never (%)	-	68	63	62
Don't know (%)	-	11	11	12
No response (%)	-	0	0	0

5.1a Which statement below best reflects your view?

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	526	398
Global warming is affecting weather in the United States (%)	-	-	-	-	-	-	-	58	56
Global warming is not affecting weather in the United States (%)	-	-	-	-	-	-	-	7	7
Global warming isn't happening (%)	-	-	-	-	-	-	-	10	13
Don't know (%)	-	-	-	-	-	-	-	19	17
Prefer not to answer (%)	-	-	-	-	-	-	-	5	5
No response (%)	-	-	-	-	-	-	-	1	2

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Global warming is affecting weather in the United States (%)	57	-	-	-	60	59	59	64	61
Global warming is not affecting weather in the United States (%)	8	-	-	-	5	7	5	6	5
Global warming isn't happening (%)	10	-	-	-	9	9	10	8	9
Don't know (%)	19	-	-	-	20	21	21	18	18
Prefer not to answer (%)	5	-	-	-	5	4	5	5	6
No response (%)	1	-	-	-	0	0	1	0	1

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Global warming is affecting weather in the United States (%)	65	60	64	66	63	61	70	63	60
Global warming is not affecting weather in the United States (%)	6	7	6	5	8	7	6	9	7
Global warming isn't happening (%)	8	11	9	7	8	9	7	6	11
Don't know (%)	15	18	16	17	18	16	13	16	17
Prefer not to answer (%)	4	3	4	4	2	5	4	5	5
No response (%)	2	1	1	0	1	1	1	0	0

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Global warming is affecting weather in the United States (%)	65	61	66	66
Global warming is not affecting weather in the United States (%)	7	7	6	6
Global warming isn't happening (%)	9	9	8	8
Don't know (%)	15	18	15	17
Prefer not to answer (%)	3	4	4	4
No response (%)	1	1	0	0

5.1b How much do you think global warming is affecting weather in the United States?

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	526	398
A lot (%)	-	-	-	-	-	-	-	23	22
Some (%)	-	-	-	-	-	-	-	27	26
A little (%)	-	-	-	-	-	-	-	6	6
Don't know (%)	-	-	-	-	-	-	-	1	2
Prefer not to answer (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	1	0
Not applicable (%)	-	-	-	-	-	-	-	42	44

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A lot (%)	22	-	-	-	24	24	25	33	29
Some (%)	25	-	-	-	28	26	27	23	25
A little (%)	8	-	-	-	7	8	5	6	6
Don't know (%)	1	-	-	-	1	2	1	1	1
Prefer not to answer (%)	-	-	-	-	-	-	0	0	0
No response (%)	0	-	-	-	0	0	0	0	-
Not applicable (%)	43	-	-	-	40	41	41	36	39

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A lot (%)	32	28	31	33	35	31	43	32	31
Some (%)	26	22	25	25	21	23	22	24	23
A little (%)	5	7	6	6	6	5	4	5	5
Don't know (%)	1	2	2	1	0	2	0	1	1
Prefer not to answer (%)	-	0	0	0	-	0	0	-	-
No response (%)	1	0	0	0	-	0	0	0	-
Not applicable (%)	35	40	36	34	37	39	30	37	40

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A lot (%)	33	33	36	35
Some (%)	25	22	22	23
A little (%)	5	4	6	6
Don't know (%)	2	1	2	1
Prefer not to answer (%)	0	-	-	-
No response (%)	0	0	-	0
Not applicable (%)	35	39	34	34

5.2 How much do you think global warming is affecting the following in the United States?

Extreme heat

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A lot (%)	-	-	-	-	-	-	49	40	37
Some (%)	-	-	-	-	-	-	19	22	23
A little (%)	-	-	-	-	-	-	9	13	10
Not at all (%)	-	-	-	-	-	-	10	13	16
Don't know (%)	-	-	-	-	-	-	10	11	13
No response (%)	-	-	-	-	-	-	2	1	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A lot (%)	42	41	42	44
Some (%)	22	20	22	20
A little (%)	12	14	10	14
Not at all (%)	13	12	12	11
Don't know (%)	11	12	12	11
No response (%)	1	1	1	1

Flooding

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A lot (%)	-	-	-	-	-	-	42	31	27
Some (%)	-	-	-	-	-	-	22	26	26
A little (%)	-	-	-	-	-	-	8	14	13
Not at all (%)	-	-	-	-	-	-	12	15	17
Don't know (%)	-	-	-	-	-	-	13	14	16
No response (%)	-	-	-	-	-	-	2	1	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A lot (%)	34	30	33	35
Some (%)	24	22	23	24
A little (%)	11	13	12	14
Not at all (%)	16	17	15	12
Don't know (%)	13	16	16	15
No response (%)	2	1	1	1

Wildfires

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A lot (%)	-	-	-	-	-	-	50	42	38
Some (%)	-	-	-	-	-	-	17	19	20
A little (%)	-	-	-	-	-	-	9	11	12
Not at all (%)	-	-	-	-	-	-	11	15	16
Don't know (%)	-	-	-	-	-	-	11	11	13
No response (%)	-	-	-	-	-	-	2	1	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A lot (%)	40	39	43	43
Some (%)	20	19	19	21
A little (%)	11	12	11	11
Not at all (%)	15	16	14	12
Don't know (%)	13	14	12	13
No response (%)	1	1	1	1

Hurricanes

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A lot (%)	-	-	-	-	-	-	42	32	28
Some (%)	-	-	-	-	-	-	21	22	24
A little (%)	-	-	-	-	-	-	10	15	11
Not at all (%)	-	-	-	-	-	-	12	15	18
Don't know (%)	-	-	-	-	-	-	14	15	16
No response (%)	-	-	-	-	-	-	1	1	2

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A lot (%)	32	29	29	36
Some (%)	26	24	26	23
A little (%)	10	11	13	12
Not at all (%)	17	18	15	14
Don't know (%)	14	17	16	15
No response (%)	1	1	1	1

Droughts

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A lot (%)	-	-	-	-	-	-	45	38	35
Some (%)	-	-	-	-	-	-	21	23	24
A little (%)	-	-	-	-	-	-	10	12	11
Not at all (%)	-	-	-	-	-	-	10	13	15
Don't know (%)	-	-	-	-	-	-	13	13	13
No response (%)	-	-	-	-	-	-	1	1	2

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A lot (%)	38	36	36	36
Some (%)	20	21	25	23
A little (%)	13	14	11	13
Not at all (%)	15	14	13	12
Don't know (%)	13	14	14	14
No response (%)	2	1	1	1

Water shortages

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A lot (%)	-	-	-	-	-	-	38	32	29
Some (%)	-	-	-	-	-	-	24	24	25
A little (%)	-	-	-	-	-	-	11	14	13
Not at all (%)	-	-	-	-	-	-	11	15	16
Don't know (%)	-	-	-	-	-	-	15	14	16
No response (%)	-	-	-	-	-	-	2	1	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A lot (%)	33	28	29	28
Some (%)	23	25	25	25
A little (%)	13	13	13	13
Not at all (%)	15	16	15	15
Don't know (%)	15	17	17	17
No response (%)	1	1	1	1

Reduced snowpack

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A lot (%)	-	-	-	-	-	-	36	33	29
Some (%)	-	-	-	-	-	-	22	20	21
A little (%)	-	-	-	-	-	-	11	14	11
Not at all (%)	-	-	-	-	-	-	11	12	17
Don't know (%)	-	-	-	-	-	-	19	19	21
No response (%)	-	-	-	-	-	-	1	1	2

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A lot (%)	29	29	32	29
Some (%)	21	18	20	23
A little (%)	13	14	11	14
Not at all (%)	16	14	15	12
Don't know (%)	21	24	21	22
No response (%)	1	1	1	1

Rising sea levels

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A lot (%)	-	-	-	-	-	-	43	37	31
Some (%)	-	-	-	-	-	-	20	20	25
A little (%)	-	-	-	-	-	-	11	15	12
Not at all (%)	-	-	-	-	-	-	11	13	16
Don't know (%)	-	-	-	-	-	-	14	14	15
No response (%)	-	-	-	-	-	-	1	1	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A lot (%)	37	33	35	36
Some (%)	22	21	24	20
A little (%)	13	13	11	15
Not at all (%)	14	16	14	13
Don't know (%)	13	16	16	15
No response (%)	1	1	1	1

Agricultural pests and diseases

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A lot (%)	-	-	-	-	-	-	28	21	19
Some (%)	-	-	-	-	-	-	27	27	26
A little (%)	-	-	-	-	-	-	12	18	15
Not at all (%)	-	-	-	-	-	-	13	16	17
Don't know (%)	-	-	-	-	-	-	19	18	21
No response (%)	-	-	-	-	-	-	2	1	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A lot (%)	19	18	21	23
Some (%)	25	27	27	24
A little (%)	16	15	13	14
Not at all (%)	16	16	14	14
Don't know (%)	22	24	23	24
No response (%)	1	1	1	0

Tornados

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A lot (%)	-	-	-	-	-	-	32	29	22
Some (%)	-	-	-	-	-	-	24	25	26
A little (%)	-	-	-	-	-	-	11	14	14
Not at all (%)	-	-	-	-	-	-	14	15	18
Don't know (%)	-	-	-	-	-	-	17	16	19
No response (%)	-	-	-	-	-	-	2	1	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A lot (%)	31	24	28	27
Some (%)	23	24	25	25
A little (%)	12	12	13	13
Not at all (%)	16	19	15	15
Don't know (%)	17	19	19	19
No response (%)	1	1	1	0

Air pollution

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A lot (%)	-	-	-	-	-	-	39	29	27
Some (%)	-	-	-	-	-	-	22	26	23
A little (%)	-	-	-	-	-	-	13	15	14
Not at all (%)	-	-	-	-	-	-	12	15	18
Don't know (%)	-	-	-	-	-	-	13	14	17
No response (%)	-	-	-	-	-	-	2	1	2

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A lot (%)	29	30	30	31
Some (%)	26	23	24	23
A little (%)	12	14	14	14
Not at all (%)	17	16	15	14
Don't know (%)	14	16	15	16
No response (%)	2	2	1	1

Water pollution

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A lot (%)	-	-	-	-	-	-	29	23	21
Some (%)	-	-	-	-	-	-	24	25	24
A little (%)	-	-	-	-	-	-	12	14	13
Not at all (%)	-	-	-	-	-	-	14	18	20
Don't know (%)	-	-	-	-	-	-	18	18	20
No response (%)	-	-	-	-	-	-	2	1	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A lot (%)	21	19	22	23
Some (%)	26	25	25	24
A little (%)	13	14	14	15
Not at all (%)	19	19	18	17
Don't know (%)	19	22	20	20
No response (%)	1	1	1	1

Electricity power outages

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
A lot (%)	-	-	-	-	-	-	-	-	-
Some (%)	-	-	-	-	-	-	-	-	-
A little (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
A lot (%)	-	-	-	-	-	-	28	19	17
Some (%)	-	-	-	-	-	-	27	27	25
A little (%)	-	-	-	-	-	-	11	16	15
Not at all (%)	-	-	-	-	-	-	16	21	21
Don't know (%)	-	-	-	-	-	-	17	17	21
No response (%)	-	-	-	-	-	-	2	1	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
A lot (%)	20	18	19	20
Some (%)	26	24	27	26
A little (%)	12	14	15	16
Not at all (%)	21	21	19	16
Don't know (%)	19	22	19	21
No response (%)	1	1	1	1

5.3 In your opinion, over the next 10 years how much risk does extreme weather pose to your community?

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
High risk (%)	-	-	-	-	-	-	-	-	-
Moderate risk (%)	-	-	-	-	-	-	-	-	-
Low risk (%)	-	-	-	-	-	-	-	-	-
No risk (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
High risk (%)	-	-	-	-	10	-	-	15	-
Moderate risk (%)	-	-	-	-	40	-	-	42	-
Low risk (%)	-	-	-	-	33	-	-	30	-
No risk (%)	-	-	-	-	5	-	-	5	-
Don't know (%)	-	-	-	-	11	-	-	8	-
No response (%)	-	-	-	-	0	-	-	0	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
High risk (%)	-	-	18	16	13	14	20	19	17
Moderate risk (%)	-	-	38	40	42	41	43	37	38
Low risk (%)	-	-	31	33	34	31	26	31	30
No risk (%)	-	-	7	5	5	7	5	6	6
Don't know (%)	-	-	7	5	6	7	6	7	8
No response (%)	-	-	0	0	-	0	0	0	-

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
High risk (%)	18	16	18	16
Moderate risk (%)	38	36	38	40
Low risk (%)	32	34	30	31
No risk (%)	6	7	6	6
Don't know (%)	6	7	8	7
No response (%)	-	0	0	0

5.4 How worried are you that the following might harm your local area?

Extreme heat

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Very worried (%)	-	-	-	-	-	-	-	-	13
Moderately worried (%)	-	-	-	-	-	-	-	-	21
A little worried (%)	-	-	-	-	-	-	-	-	29
Not at all worried (%)	-	-	-	-	-	-	-	-	36
No response (%)	-	-	-	-	-	-	-	-	1

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Very worried (%)	11	13	14	12	11	13	22	21	23
Moderately worried (%)	21	23	22	22	21	23	25	23	26
A little worried (%)	29	34	28	32	33	32	29	26	26
Not at all worried (%)	39	30	36	33	35	31	24	28	25
No response (%)	-	0	0	0	0	0	0	1	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Very worried (%)	21	18	19	17
Moderately worried (%)	24	23	26	26
A little worried (%)	28	29	30	26
Not at all worried (%)	27	29	23	31
No response (%)	1	1	1	0

Flooding

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Very worried (%)	-	-	-	-	-	-	-	-	7
Moderately worried (%)	-	-	-	-	-	-	-	-	22
A little worried (%)	-	-	-	-	-	-	-	-	31
Not at all worried (%)	-	-	-	-	-	-	-	-	39
No response (%)	-	-	-	-	-	-	-	-	1

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Very worried (%)	6	9	9	6	7	6	9	11	13
Moderately worried (%)	17	19	19	17	12	15	18	18	20
A little worried (%)	38	32	30	37	33	35	35	33	32
Not at all worried (%)	39	40	41	40	47	44	38	38	35
No response (%)	0	0	1	1	1	0	0	0	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Very worried (%)	9	7	10	9
Moderately worried (%)	17	16	22	19
A little worried (%)	31	35	31	33
Not at all worried (%)	43	42	36	39
No response (%)	0	0	1	0

Wildfires

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Very worried (%)	-	-	-	-	-	-	-	-	9
Moderately worried (%)	-	-	-	-	-	-	-	-	12
A little worried (%)	-	-	-	-	-	-	-	-	21
Not at all worried (%)	-	-	-	-	-	-	-	-	57
No response (%)	-	-	-	-	-	-	-	-	1

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Very worried (%)	9	9	10	9	10	11	14	16	16
Moderately worried (%)	13	14	13	12	12	14	13	17	19
A little worried (%)	20	25	20	25	24	23	25	28	27
Not at all worried (%)	59	51	56	52	54	52	48	38	37
No response (%)	0	0	0	1	0	0	1	1	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Very worried (%)	12	9	11	12
Moderately worried (%)	14	15	21	17
A little worried (%)	24	28	29	27
Not at all worried (%)	49	48	38	44
No response (%)	0	0	1	0

Hurricanes

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Very worried (%)	-	-	-	-	-	-	-	-	9
Moderately worried (%)	-	-	-	-	-	-	-	-	12
A little worried (%)	-	-	-	-	-	-	-	-	17
Not at all worried (%)	-	-	-	-	-	-	-	-	62
No response (%)	-	-	-	-	-	-	-	-	1

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Very worried (%)	8	9	9	8	8	7	10	12	12
Moderately worried (%)	12	14	13	13	12	9	14	14	15
A little worried (%)	20	16	18	20	19	19	23	20	21
Not at all worried (%)	59	60	59	58	61	64	53	53	51
No response (%)	0	0	1	1	0	0	1	0	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Very worried (%)	8	7	9	8
Moderately worried (%)	12	11	14	13
A little worried (%)	21	20	22	21
Not at all worried (%)	59	61	54	57
No response (%)	0	0	1	1

Droughts

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Very worried (%)	-	-	-	-	-	-	-	-	11
Moderately worried (%)	-	-	-	-	-	-	-	-	19
A little worried (%)	-	-	-	-	-	-	-	-	31
Not at all worried (%)	-	-	-	-	-	-	-	-	39
No response (%)	-	-	-	-	-	-	-	-	1

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Very worried (%)	10	10	11	9	10	9	16	19	24
Moderately worried (%)	17	21	20	17	18	19	19	21	22
A little worried (%)	31	34	30	39	36	33	33	29	29
Not at all worried (%)	42	35	39	35	36	39	32	31	25
No response (%)	0	0	1	0	0	0	0	0	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Very worried (%)	15	11	13	14
Moderately worried (%)	20	18	24	22
A little worried (%)	34	34	32	34
Not at all worried (%)	31	36	30	30
No response (%)	1	0	1	1

Water shortages

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Very worried (%)	-	-	-	-	-	-	-	-	9
Moderately worried (%)	-	-	-	-	-	-	-	-	17
A little worried (%)	-	-	-	-	-	-	-	-	25
Not at all worried (%)	-	-	-	-	-	-	-	-	48
No response (%)	-	-	-	-	-	-	-	-	1

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Very worried (%)	8	10	9	10	9	9	15	20	21
Moderately worried (%)	14	17	18	15	15	17	17	21	23
A little worried (%)	29	31	27	31	30	30	32	27	28
Not at all worried (%)	49	41	45	44	45	43	36	32	27
No response (%)	0	0	0	0	0	0	0	0	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Very worried (%)	13	11	14	13
Moderately worried (%)	17	16	22	19
A little worried (%)	30	29	31	29
Not at all worried (%)	39	43	32	39
No response (%)	1	1	1	1

Reduced snowpack

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Very worried (%)	-	-	-	-	-	-	-	-	5
Moderately worried (%)	-	-	-	-	-	-	-	-	10
A little worried (%)	-	-	-	-	-	-	-	-	16
Not at all worried (%)	-	-	-	-	-	-	-	-	68
No response (%)	-	-	-	-	-	-	-	-	1

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Very worried (%)	5	4	5	5	6	7	10	11	11
Moderately worried (%)	11	10	12	10	12	11	14	15	17
A little worried (%)	21	19	20	23	18	20	23	18	21
Not at all worried (%)	63	66	62	62	64	61	53	55	50
No response (%)	0	0	1	0	0	1	0	1	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Very worried (%)	6	7	7	7
Moderately worried (%)	11	10	16	14
A little worried (%)	19	20	23	22
Not at all worried (%)	64	62	53	57
No response (%)	0	1	1	0

Rising sea levels

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Very worried (%)	-	-	-	-	6	6	8	13	12
Moderately worried (%)	-	-	-	-	10	11	14	14	18
A little worried (%)	-	-	-	-	22	24	25	22	22
Not at all worried (%)	-	-	-	-	61	59	52	51	47
No response (%)	-	-	-	-	0	0	1	1	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Very worried (%)	8	6	9	8
Moderately worried (%)	13	12	17	14
A little worried (%)	20	20	24	20
Not at all worried (%)	58	61	49	58
No response (%)	0	1	1	0

Agricultural pests and diseases

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Very worried (%)	-	-	-	-	7	8	9	14	14
Moderately worried (%)	-	-	-	-	16	17	20	25	25
A little worried (%)	-	-	-	-	40	40	37	31	35
Not at all worried (%)	-	-	-	-	36	35	33	30	25
No response (%)	-	-	-	-	0	0	0	0	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Very worried (%)	8	7	10	9
Moderately worried (%)	18	18	26	24
A little worried (%)	35	39	35	33
Not at all worried (%)	39	36	28	34
No response (%)	1	0	0	1

Tornados

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Very worried (%)	-	-	-	-	7	6	6	13	13
Moderately worried (%)	-	-	-	-	16	15	19	20	18
A little worried (%)	-	-	-	-	30	32	33	27	31
Not at all worried (%)	-	-	-	-	46	47	41	40	38
No response (%)	-	-	-	-	0	0	0	0	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Very worried (%)	10	8	11	9
Moderately worried (%)	16	17	18	17
A little worried (%)	31	30	30	32
Not at all worried (%)	43	44	41	42
No response (%)	1	0	1	0

Air pollution

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Very worried (%)	-	-	-	-	12	12	17	18	22
Moderately worried (%)	-	-	-	-	24	23	22	31	29
A little worried (%)	-	-	-	-	37	36	37	25	27
Not at all worried (%)	-	-	-	-	26	28	23	26	21
No response (%)	-	-	-	-	0	1	0	1	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Very worried (%)	17	14	15	17
Moderately worried (%)	22	24	28	26
A little worried (%)	34	35	34	31
Not at all worried (%)	27	26	22	25
No response (%)	1	1	1	0

Water pollution

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Very worried (%)	-	-	-	-	12	14	15	20	24
Moderately worried (%)	-	-	-	-	21	23	24	27	26
A little worried (%)	-	-	-	-	41	36	34	30	29
Not at all worried (%)	-	-	-	-	26	26	27	23	20
No response (%)	-	-	-	-	0	0	0	1	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Very worried (%)	16	13	17	17
Moderately worried (%)	21	21	30	24
A little worried (%)	35	34	32	33
Not at all worried (%)	27	32	21	25
No response (%)	0	1	1	1

Electricity power outages

	Nov 2008	Jan 2010	Jun 2010	May 2011	Nov 2011	Mar 2012	Sep 2012	Apr 2013	Nov 2013
Unweighted Base	2,164	1,001	1,024	1,010	1,000	1,008	1,061	1,045	830
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2014	Oct 2014	Mar 2015	Oct 2015	Mar 2016	Nov 2016	May 2017	Oct 2017	Mar 2018
Unweighted Base	1,013	1,275	1,263	1,330	1,204	1,226	1,266	1,304	1,278
Very worried (%)	-	-	-	-	-	-	-	-	-
Moderately worried (%)	-	-	-	-	-	-	-	-	-
A little worried (%)	-	-	-	-	-	-	-	-	-
Not at all worried (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Very worried (%)	-	-	-	-	-	-	13	18	18
Moderately worried (%)	-	-	-	-	-	-	24	27	28
A little worried (%)	-	-	-	-	-	-	37	34	34
Not at all worried (%)	-	-	-	-	-	-	25	22	20
No response (%)	-	-	-	-	-	-	0	0	1

	Apr 2023	Oct 2023	Apr 2024	Dec 2024
Unweighted Base	1,011	1,033	1,031	1,013
Very worried (%)	13	11	14	13
Moderately worried (%)	22	24	28	25
A little worried (%)	37	39	37	36
Not at all worried (%)	28	26	20	25
No response (%)	1	0	1	1

Appendix II: Survey Method

The data in this report are based on a nationally representative survey of 1,013 American adults, aged 18 and older. The survey was conducted December 11 –22, 2024. All questionnaires were self-administered by respondents in a web-based environment. The median completion time for the survey was 24 minutes.

The sample was drawn from the Ipsos KnowledgePanel®, an online panel of members drawn using probability sampling methods. Prospective members are recruited using a combination of random digit dial and address-based sampling techniques that cover virtually all (non-institutional) resident phone numbers and addresses in the United States. Those contacted who would choose to join the panel but do not have access to the Internet are loaned computers and provided Internet access so they may participate.

The sample therefore includes a representative cross-section of American adults – irrespective of whether they have Internet access, use only a cell phone, etc. Key demographic variables were weighted, post survey, to match US Census Bureau norms.

From November 2008 to December 2018, no KnowledgePanel® member participated in more than one *Climate Change in the American Mind* (CCAM) survey. Beginning with the April 2019 survey, panel members who have participated in CCAM surveys in the past, excluding the most recent two surveys, may be randomly selected for participation. In the current survey, 267 respondents participated in a previous CCAM survey.

The survey instrument was designed by Anthony Leiserowitz, Seth Rosenthal, Jennifer Carman, Marija Verner, Matthew Goldberg, and Jennifer Marlon of Yale University, and Edward Maibach, John Kotcher, Teresa Myers, Joshua Ettinger, Julia Fine, and Kathryn Thier of George Mason University. The figures and tables were constructed by Emily Goddard of Yale University.

Sample details and margins of error

All samples are subject to some degree of sampling error – that is, statistical results obtained from a sample can be expected to differ somewhat from results that would be obtained if every member of the target population were interviewed. Average margins of error for each wave of CCAM, at the 95% confidence level, are plus or minus 3 percentage points except where noted.

- December 2024: Fielded December 11 – 22 ($n = 1,013$)
- April 2024: Fielded April 25 – May 4 ($n = 1,031$)
- October 2023: Fielded October 20 – 26 ($n = 1,033$)
- April 2023: Fielded April 18 – May 1 ($n = 1,011$)
- December 2022: Fielded December 2 – 12 ($n = 1,085$)
- April 2022: Fielded April 13 – May 2 ($n = 1,018$)
- September 2021: Fielded September 10 – 20 ($n = 1,006$)
- March 2021: Fielded March 18 – 29 ($n = 1,037$)
- December 2020: Fielded December 3 – 16 ($n = 1,036$)
- April 2020: Fielded April 7 – 17 ($n = 1,029$)
- November 2019: Fielded November 8 – 20 ($n = 1,303$)
- April 2019: Fielded March 29 – April 8 ($n = 1,291$)
- December 2018: Fielded November 28 – December 11 ($n = 1,114$)
- March 2018: Fielded March 7 – 24 ($n = 1,278$)
- October 2017: Fielded October 20 – November 1 ($n = 1,304$)
- May 2017: Fielded May 18 – June 6 ($n = 1,266$)
- November 2016: Fielded November 18 – December 1 ($n = 1,226$)
- March 2016: Fielded March 18 – 31 ($n = 1,204$)
- October 2015: Fielded September 30 – October 19 ($n = 1,330$)
- March 2015: Fielded February 27 – March 10 ($n = 1,263$)
- October 2014: Fielded October 17 – 28 ($n = 1,275$)
- April 2014: Fielded April 15 – 22 ($n = 1,013$)
- November 2013: Fielded November 23 – December 9 ($n = 830$)
- April 2013: Fielded April 10 – 15 ($n = 1,045$)
- September 2012: Fielded August 31 – September 12 ($n = 1,061$)
- March 2012: Fielded March 12 – 30 ($n = 1,008$)
- November 2011: Fielded October 20 – November 16 ($n = 1,000$)
- May 2011: Fielded April 23 – May 12 ($n = 1,010$)
- June 2010: Fielded May 14 – June 1 ($n = 1,024$)
- January 2010: Fielded December 24, 2009 – January 3, 2010 ($n = 1,001$).
- November 2008: Fielded October 7 – November 12 ($n = 2,164$).

- Data were collected over two periods: from October 7 – October 20 and from October 24 – November 12. Margin of error plus or minus 2 percentage points.

Rounding error and tabulation

In data tables, bases specified are unweighted, while percentages are weighted to match national population parameters.

For tabulation purposes, percentage points are rounded to the nearest whole number. As a result, percentages in a given figure or table may total slightly higher or lower than 100%. Summed response categories (e.g., “strongly agree” + “somewhat agree”) are rounded after sums are calculated. For example, in some cases, the sum of 25% + 25% might be reported as 51% (e.g., 25.3% + 25.3% = 50.6%, which after rounding would be reported as 25% + 25% = 51%).

Appendix III: Sample Demographics

	<i>n</i> (unweighted)	% (weighted)
Total	1,013	100
Male	519	49
Female	494	51
Generation Z (1997 -)	72	10
Millennials (1981 - 1996)	233	27
Generation X (1965 - 1980)	255	26
Baby Boomers (1946 - 1964)	345	28
Silent (1928 - 1945)	108	8
Less than high school	73	9
High school	263	29
Some college	252	26
Bachelor's degree or higher	425	36
<\$25K	64	10
\$25K-<\$50K	146	14
\$50K-<\$75K	156	15
\$75K-<\$100K	136	13
\$100K-<\$125K	121	12
\$125K+	390	37
White, Non-Hispanic	667	61
Black, Non-Hispanic	115	12
Hispanic	140	18
2+ Races, Non-Hispanic	43	2
Other, Non-Hispanic	48	8
Northeast	178	17
Midwest	211	20
South	386	39
West	238	24

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