CLIMATE CHANGE
IN THE AMERICAN MIND

Beliefs & Attitudes

SPRING 2024

YALE PROGRAM ON
Climate Change
Communication

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Table of Contents

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* = 1,031) conducted from April 25 – May 4, 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 about 5 to 1 (70% versus 13%).
- 59% of Americans understand that global warming is mostly human-caused. By contrast, 29% think it is caused mostly by natural changes in the environment.
- 58% of Americans understand that most scientists think global warming is happening. However, only about one in five (21%) understand how strong the level of consensus among scientists is (i.e., that more than 90% of climate scientists think human-caused global warming is happening).

Perceived Risks and Impacts of Global Warming

- 47% of Americans think people in the United States are being harmed by global warming "right now," and 50% say they have personally experienced the effects of global warming.
- Majorities of Americans think global warming will harm plant and animal species (72%), future generations of people (72%), the world's poor (69%), people in developing countries (68%), people in the United States (65%), and people in their community (52%). Many also think their family (49%) and they themselves (44%) will be harmed.
- 12% 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 36% 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 (74%), wildfires (73%), droughts (72%), rising sea levels (70%), air pollution (69%), flooding (68%), hurricanes (68%), water shortages (67%), tornados (65%), reduced snow pack (63%), agricultural pests and diseases (62%), water pollution (61%), and electricity power outages (61%).
- 56% of Americans think extreme weather poses either a "high" (18%) or "moderate" (38%) risk to their community over the next 10 years.

Global Warming, Emotional Responses, and Mental Health

- 64% of Americans say they are at least "somewhat worried" about global warming. This includes 28% who say they are "very worried."
- Americans say they feel the following emotions when thinking about global warming: interested (58%), frustrated (49%), hopeful (44%), sad (43%), disgusted (42%), afraid (38%), angry (38%), anxious (36%), outraged (36%), hopeless (31%), or depressed (27%).

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[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).

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- More than one in ten Americans report experiencing at least one symptom of anxiety or depression because of global warming for several or more days in the last two weeks.

How Americans Conceptualize Global Warming

- Americans think global warming is a multifaceted issue, including an environmental (77%), scientific (68%), severe weather (65%), agricultural (65%), economic (60%), health (59%), political (58%), humanitarian (55%), moral (44%), poverty (33%), social justice (29%), national security (29%), and/or religious (9%) issue.

Personal and Social Engagement with Global Warming

- 66% of Americans say they "rarely" or "never" discuss global warming with family and friends, while 34% say they do so "occasionally" or "often."
- 41% 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).
- 50% 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 (28%) or that they hear people they know talk about global warming once a month or more frequently (22%).
- 67% of Americans say the issue of global warming is either "extremely," "very," or "somewhat" important to them personally, while 33% say it is either "not too" or "not at all" personally important.
- 62% of Americans say they feel a personal sense of responsibility to help reduce global warming.
- 32% of Americans 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, and 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.
- Americans say that the most important reasons to reduce global warming are to provide a better life for our children and grandchildren (23%), to prevent the destruction of most life on the planet (18%), or to help prevent extreme weather events (10%).

Personal Agency

- 12% of Americans agree with the statement "it's already too late to do anything about global warming," while many more (63%) disagree.
- 47% of Americans agree with the statement "the actions of a single individual won't make any difference in global warming," while 53% disagree.
- 49% of Americans agree with the statement "new technologies can solve global warming without individuals having to make big changes in their lives," while 50% disagree.

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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 happening by a ratio of about 5 to 1.

Seven in ten Americans (70%) think global warming is happening. By contrast, only 13% of Americans think global warming is not happening. Seventeen percent say they don't know if global warming is happening (refer to data tables, p. 35).

Most Americans think global warming is happening
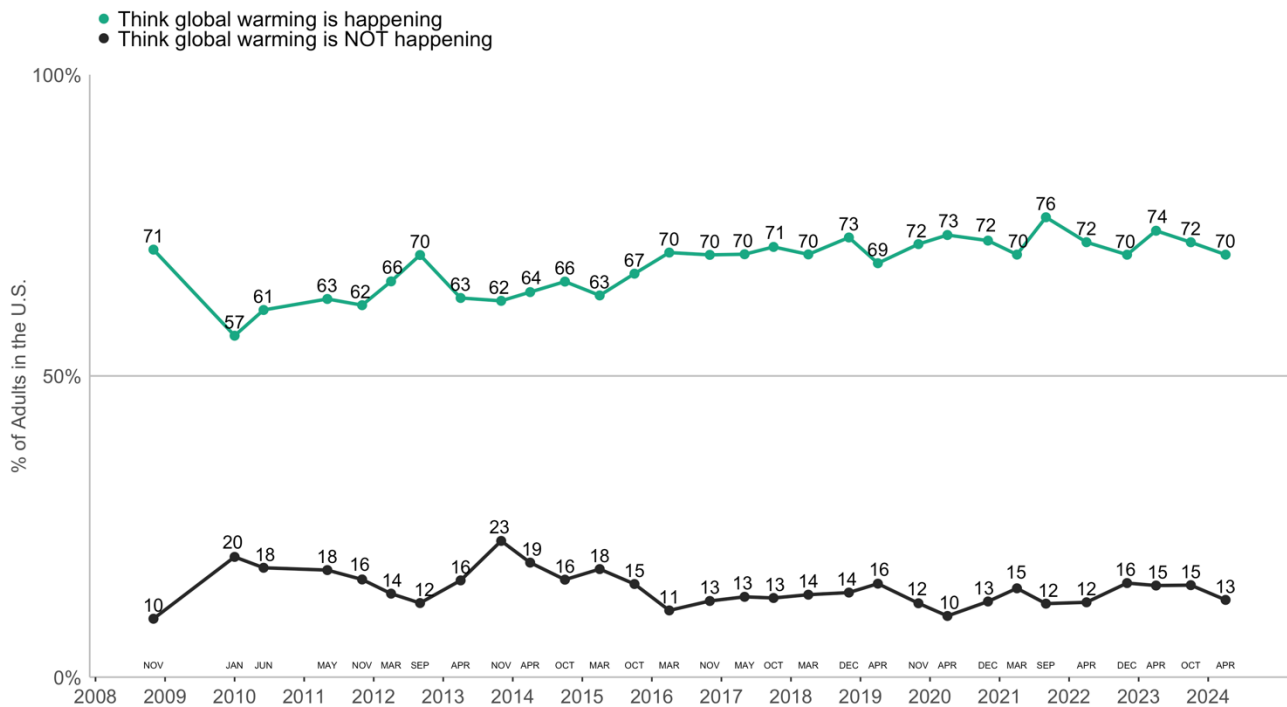
Do you think global warming is happening?

Spring 2024

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 in response to the question in Section 1.1 (refer to data tables, p. 35) 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. 36).

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"

- Think global warming is happening
- Think global warming is NOT happening

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

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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" (32%) or "very" (19%) sure global warming is happening. Far fewer (7%) are "extremely" (3%) or "very" (4%) sure global warming is not happening.

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

● Extremely/Very sure global warming is happening
● Extremely/Very sure global warming is NOT happening

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

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

The Intergovernmental Panel on Climate Change's Sixth Assessment synthesis report, summarizing the work of thousands of climate experts worldwide, states: "Human activities, principally through emissions of greenhouse gases, have unequivocally caused global warming."[2]

A majority of Americans (59%) understand that global warming is mostly human-caused. By contrast, 29% think it is caused mostly by natural changes in the environment.

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

● Think global warming is caused mostly by human activities
● Think global warming is caused mostly by natural changes in the environment

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

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

[2] 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

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

A review by Cook and colleagues[3] 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.[4]

A majority of Americans (58%) understand that most scientists think global warming is happening. By contrast, about one in five (22%) think there is a lot of disagreement among scientists about whether or not global warming is happening. Very few Americans (2%) believe most scientists think global warming is not happening, and 19% report that they don't know enough to say (refer to data tables, p. 42).

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

- Most scientists think global warming is happening
- There is a lot of disagreement among scientists
- Most scientists think global warming is NOT happening
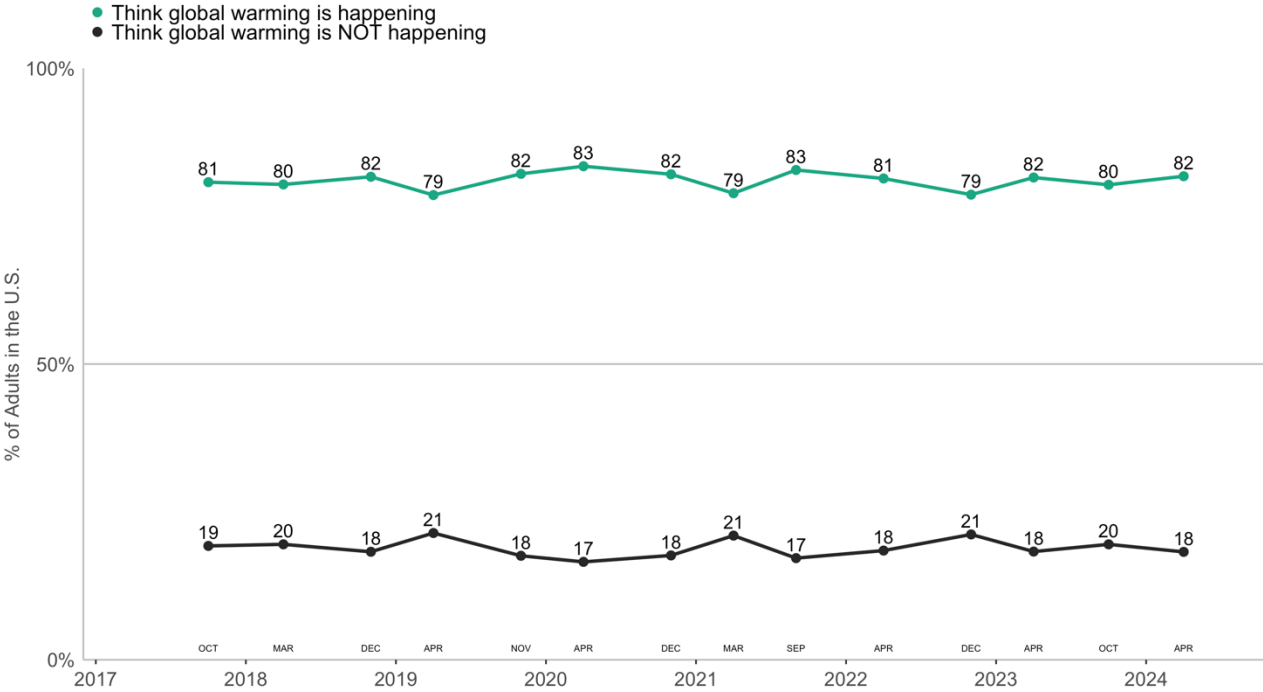
What comes closest to your own view?

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

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[3] 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

[4] 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

1.6. About one in five Americans understand that almost all climate scientists (more than 90%) have concluded that human-caused global warming is happening.

Although the majority of Americans now understand that most scientists think global warming is happening, fewer understand just how strong the level of consensus among scientists is. Only about one in five Americans (21%) understand that nearly all climate scientists (more than 90%) think that human-caused global warming is happening.[5] More Americans (25%) say they "don't know enough to say" what percentage of climate scientists think human-caused global warming is happening.

Public misunderstanding of the scientific consensus – which has been found in each of our surveys since 2008 – has significant consequences. Other research has identified public understanding of the scientific consensus as an important "gateway belief" that influences other important beliefs (i.e., that global warming is happening, human-caused, and worrisome) and support for action.[6]

About one in five Americans understand that almost all climate scientists (more than 90%) have concluded that human-caused global warming is happening
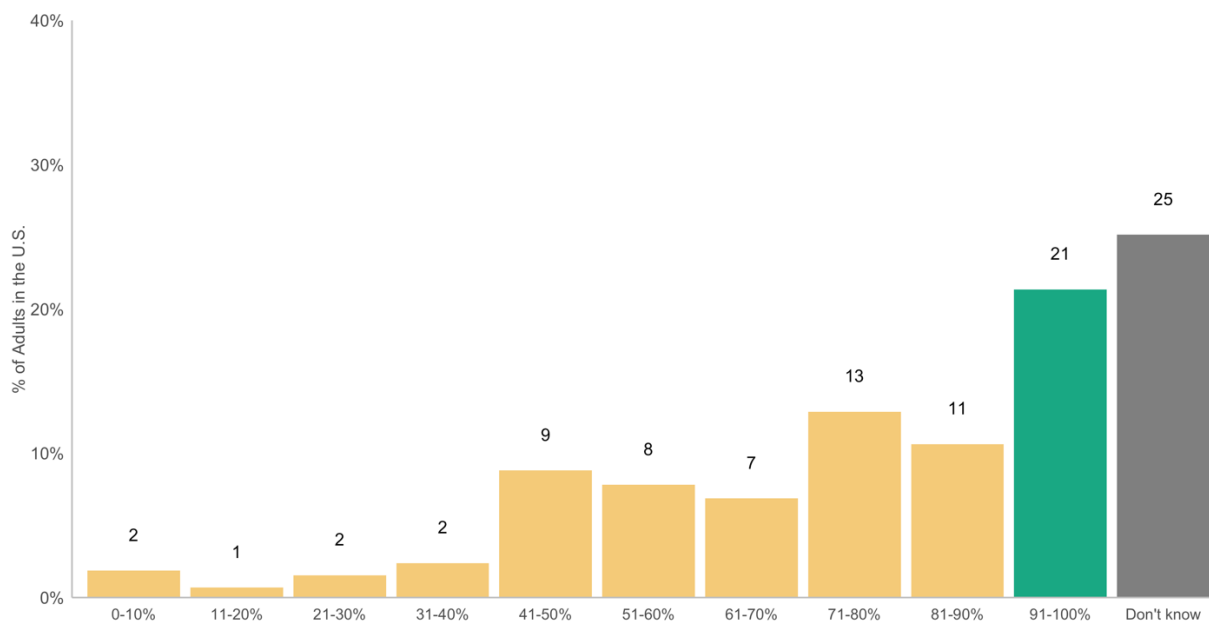
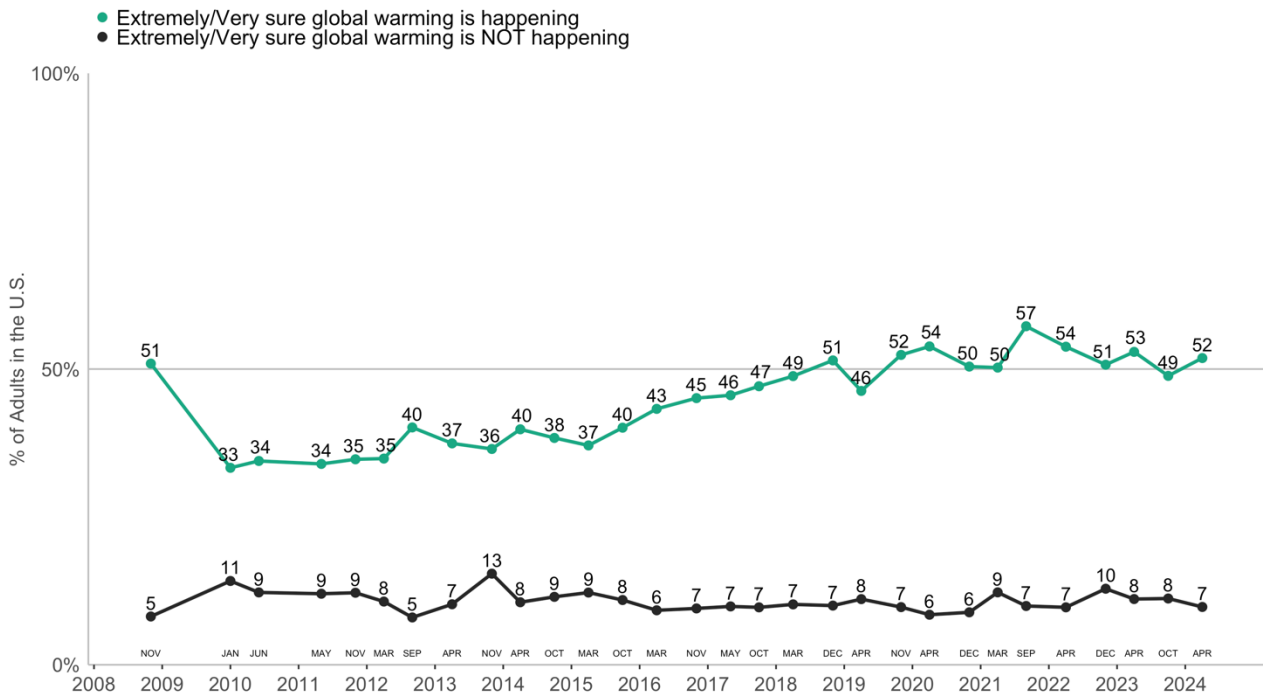To the best of your knowledge, what percentage of climate scientists think that human-caused global warming is happening?

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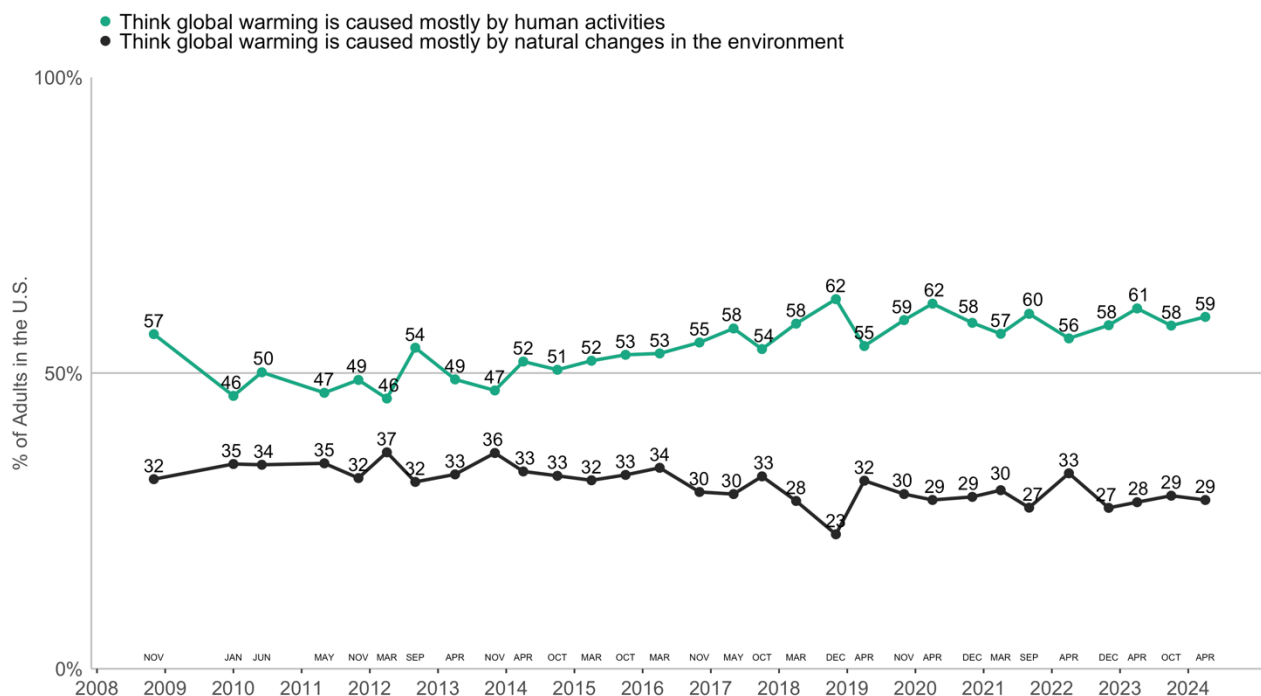George Mason University Center for Climate Change Communication

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[5] Respondents were asked to estimate the percentage of climate scientists who have concluded that human-caused global warming is happening by moving a slider bar that appeared on the screen of their computer. This slider allowed respondents to move the marker from 0% on the left to 100% on the right, or to any whole number between the two. A "don't know" response option appeared below the slider bar.

[6] For more information, refer to van der Linden, S. L., Leiserowitz, A. A., Feinberg, G. D., & Maibach, E. W. (2015). The scientific consensus on climate change as a gateway belief: Experimental evidence. *PLoS ONE, 10*(2). https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0118489

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2. Perceived Risks of Global Warming

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

Half of Americans (50%) agree with the statement "I have personally experienced the effects of global warming," while about half (49%) disagree.

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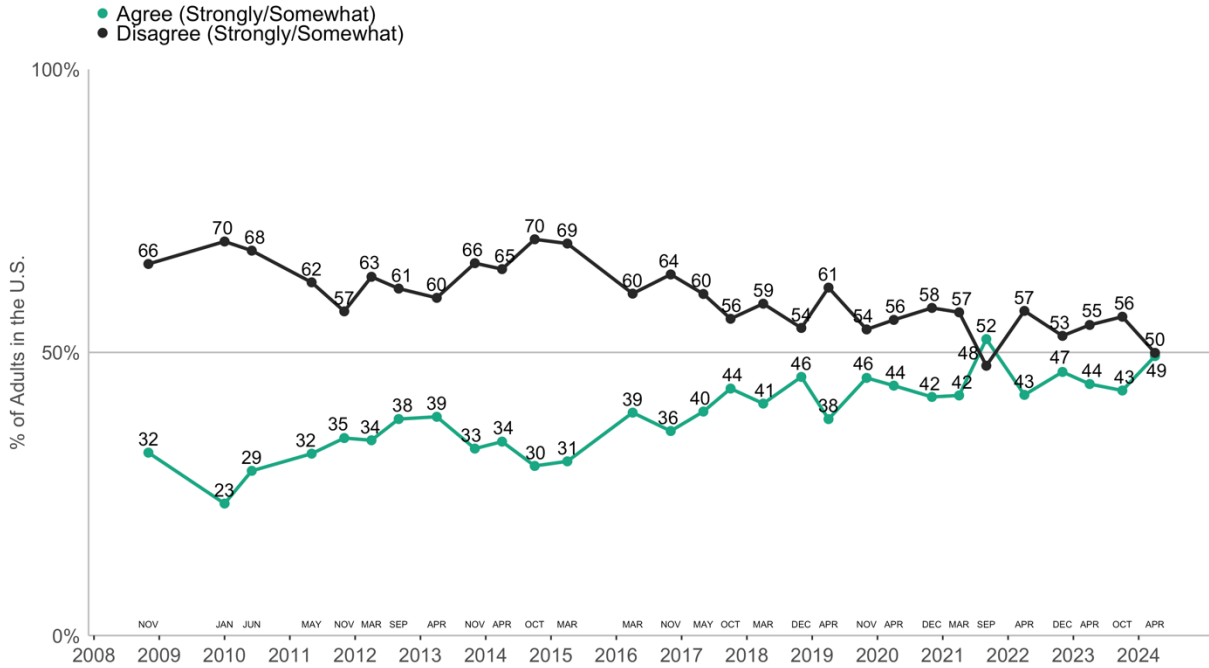
How much do you agree or disagree with the following statement? I have personally experienced the effects of global warming.

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Source: 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.

Just under half of Americans (47%) 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

● They are being harmed now

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

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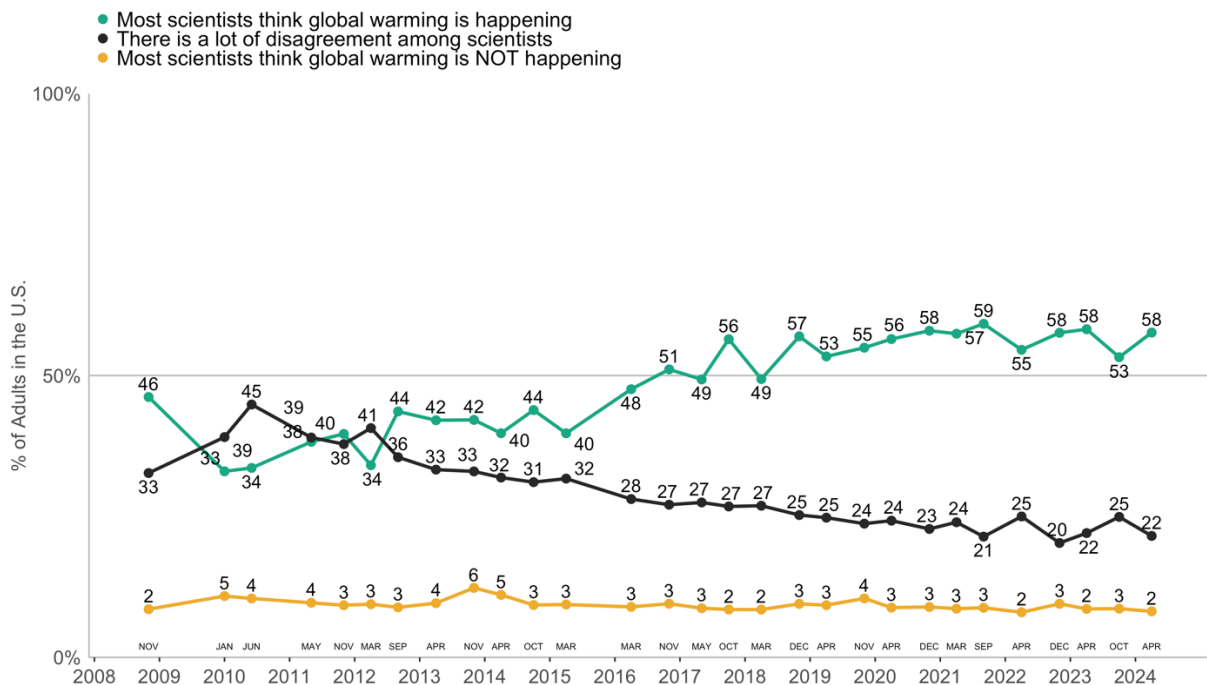George Mason University Center for Climate Change Communication

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 plant and animal species (72%), future generations of people (72%), the world's poor (69%), people in developing countries (68%), people in the United States (65%), and people in their community (52%). Many Americans also think their family (49%) and they themselves (44%) will be harmed.

Many Americans think global warming will harm them, but more think others will be harmed
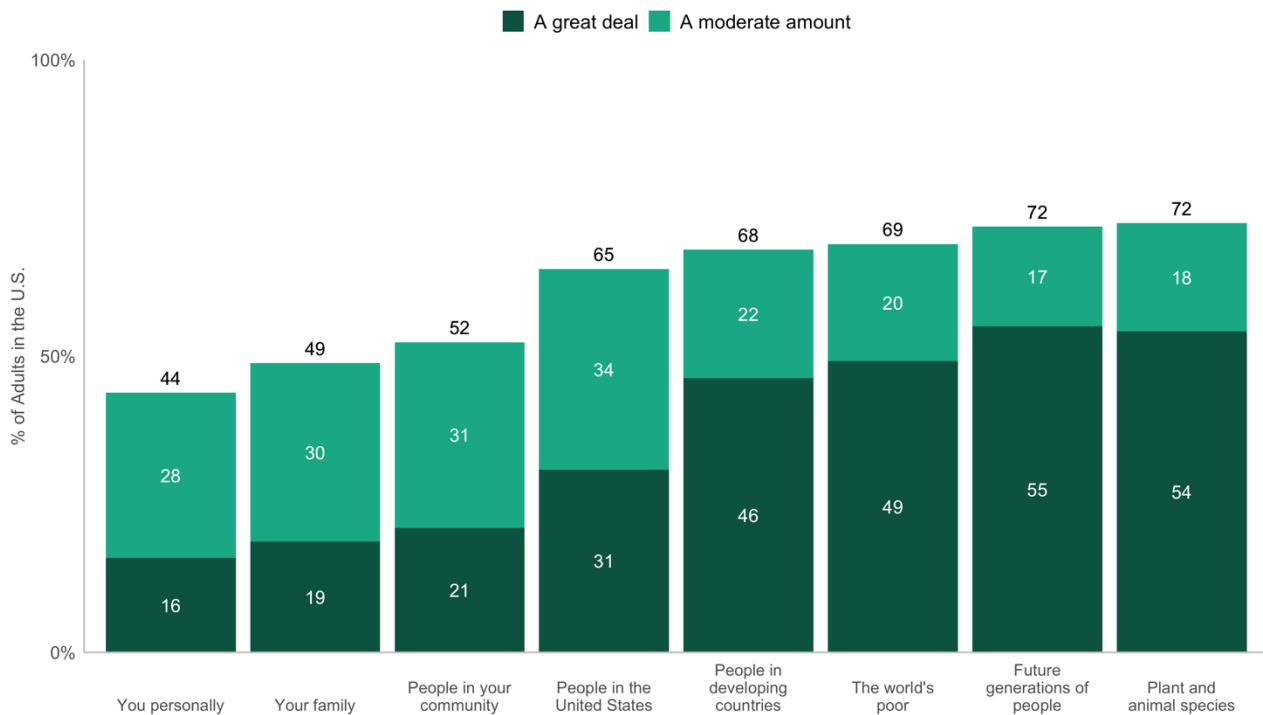
How much do you think global warming will harm . . .?

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

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

Research indicates[7] that an increasing number of people in the United States may be considering moving away from areas particularly vulnerable to climate change impacts. We find that 12% of Americans have considered moving to avoid the impacts of global warming, while 81% have not, and 7% are not sure.

About one in ten Americans have considered moving to avoid the impacts of global warming
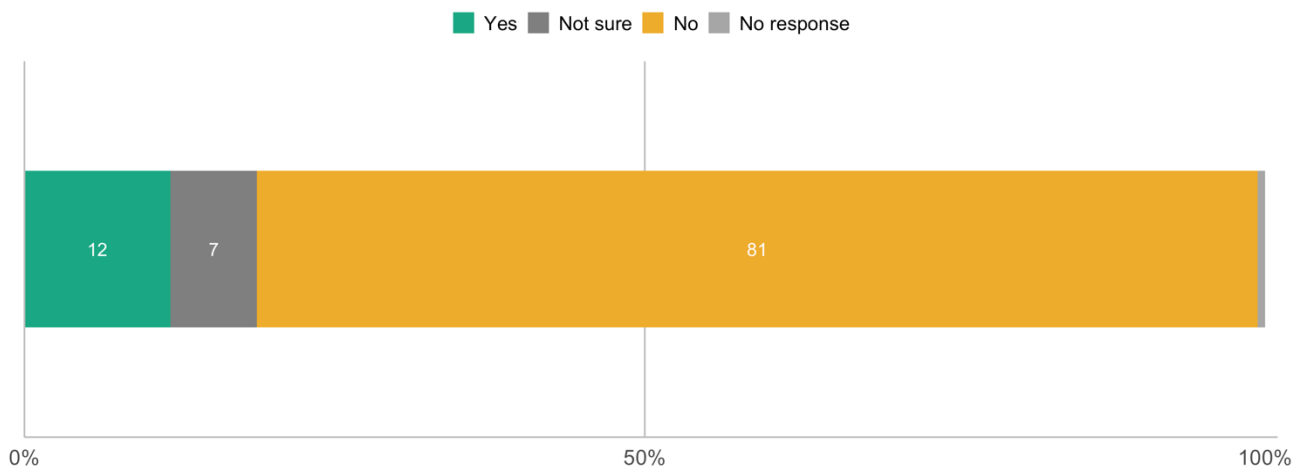
■ Yes ■ Not sure ■ No ■ No response

| 12 | 7 | 81 |

0%   50%   100%

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

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[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

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3. Global Warming, Emotional Responses, and Mental Health

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% of Americans who say they are "very worried" about global warming.
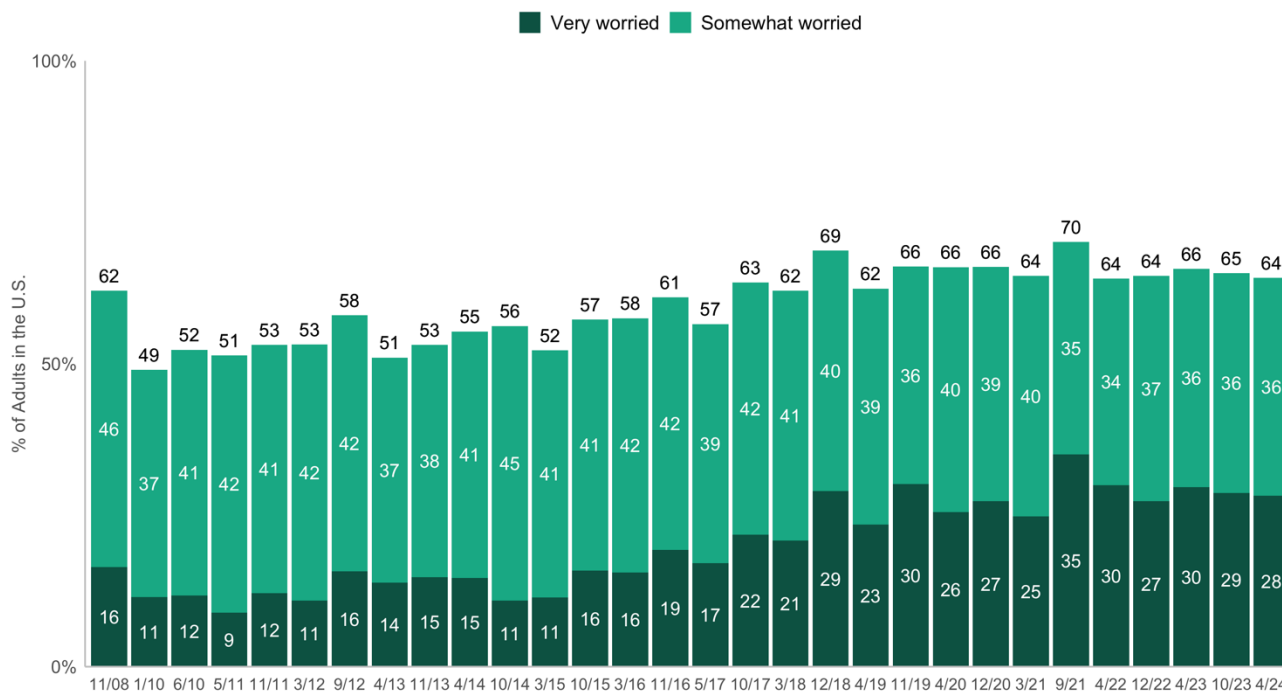
A majority of Americans are worried about global warming

How worried are you about global warming?

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

3.2. A majority of Americans are "interested" in global warming.

When asked how strongly they feel various emotions when thinking about global warming, more than half of Americans (58%) say they feel "very" or "moderately" interested. Additionally, four in ten or more say they feel frustrated (49%), hopeful (44%), sad (43%), or disgusted (42%). Fewer say they feel afraid (38%), angry (38%), anxious (36%), outraged (36%), hopeless (31%), or depressed (27%).

A majority of Americans are "interested" in global warming
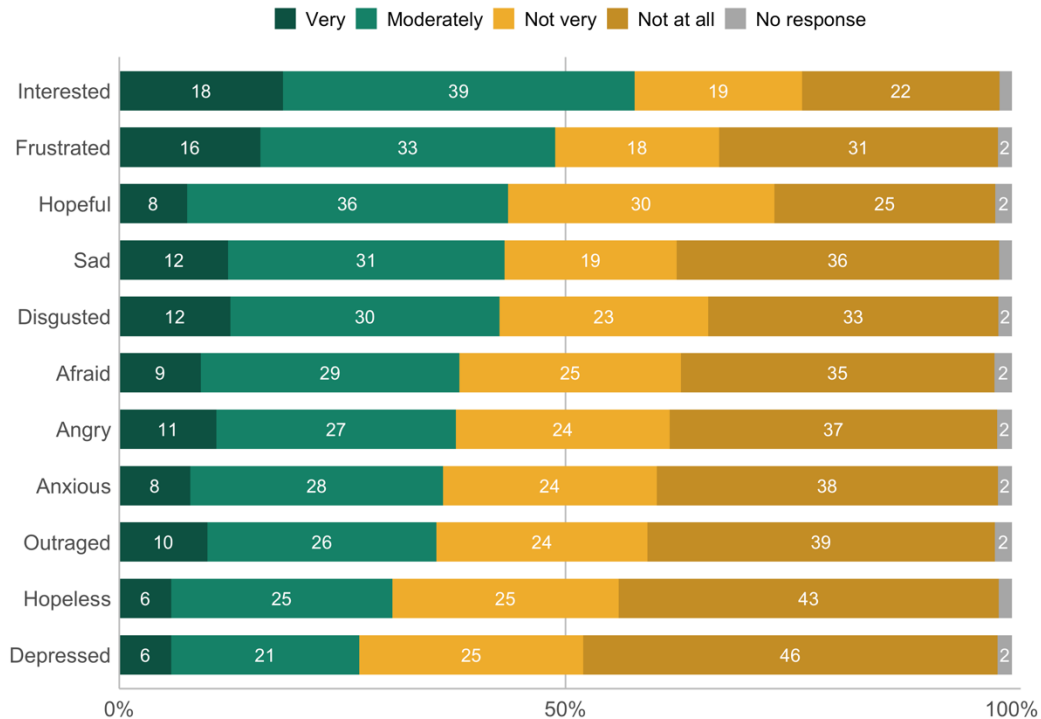
How strongly do you feel each of the following emotions when you think about the issue of global warming?

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

3.3. A small but notable percentage of Americans are experiencing psychological distress because of global warming.

To assess anxiety and depression symptoms arising from people's concerns about global warming, we adapted previously validated brief screening instruments for generalized anxiety disorder (the GAD-2)[8] and depression (the PHQ-2).[9]

We found that about one in ten Americans report experiencing symptoms of anxiety because of global warming for at least "several days" out of the last two weeks, including "feeling nervous, anxious, or on edge because of global warming" (16%) or "not being able to stop or control worrying about global warming" (11%). Similar percentages report experiencing symptoms of depression because of global warming for at least "several days" out of the last two weeks, including "feeling down, depressed, or hopeless because of global warming" (12%) or having "little interest or pleasure in doing things because of global warming" (10%).

A small but notable percentage of Americans are experiencing psychological distress because of global warming

Legend: Nearly every day | More than half the days | Several days | Not at all | No response

Problem	Nearly every day / More than half the days	Several days	Not at all
Feeling nervous, anxious, or on edge because of global warming	2	12	83
Feeling down, depressed, or hopeless because of global warming	2	9	87
Not being able to stop or control worrying about global warming	2	9	88
Little interest or pleasure in doing things because of global warming	2	7	89

Over the last 2 weeks, how often have you been bothered by the following problems?

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

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[8] Kroenke, K., Spitzer, R. L., Williams, J. B., Monahan, P. O., & Löwe, B. (2007). Anxiety disorders in primary care: prevalence, impairment, comorbidity, and detection. *Annals of internal medicine*, *146*(5), 317-325. doi:10.7326/0003-4819-146-5-200703060-00004

[9] Kroenke, K., Spitzer, R. L., & Williams, J. B. (2003). The Patient Health Questionnaire-2: validity of a two-item depression screener. *Medical care*, 1284-1292. doi:jstor.org/stable/3768417

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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.

Two-thirds of Americans (66%) say they either "rarely" (33%) or "never" (33%) discuss global warming with family and friends (refer to data tables, p. 72), while 34% say they discuss global warming either "occasionally" (29%) or "often" (6%).

Most Americans "rarely" or "never" discuss global warming with family and friends
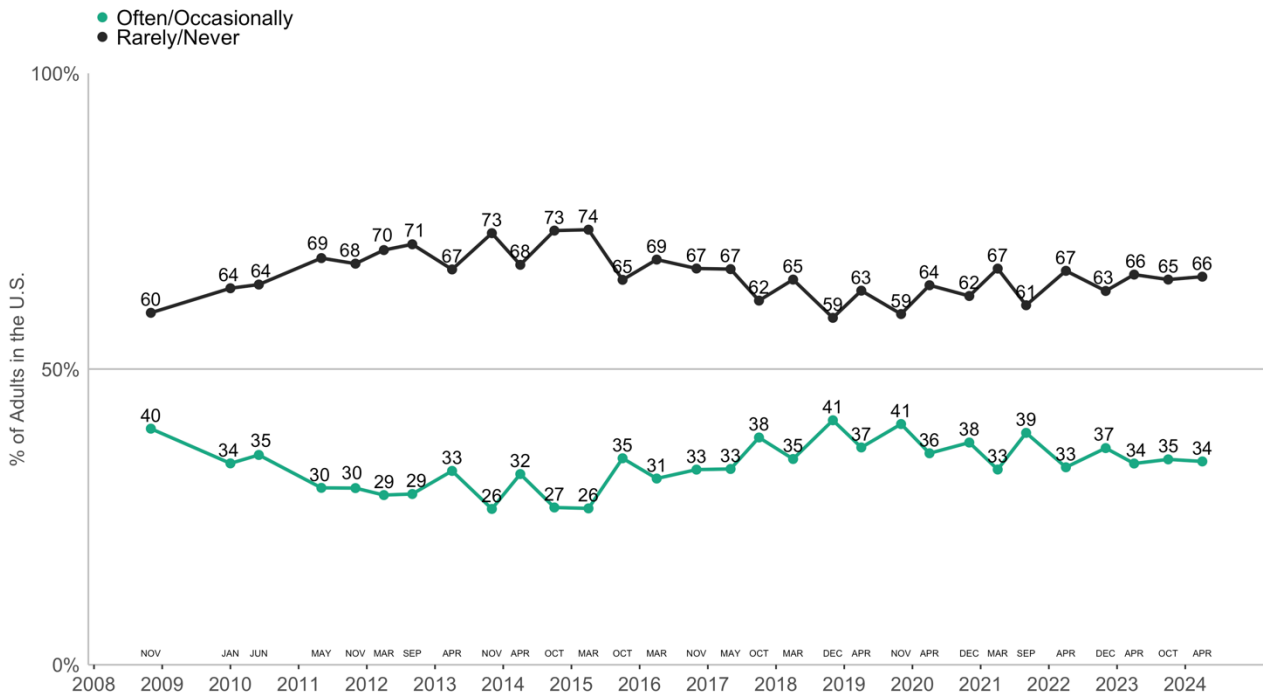
How often do you discuss global warming with your family and friends?

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Source: 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).[10]

About four in ten Americans (41%) perceive an injunctive norm, saying it is either "extremely" (5%), "very" (11%), 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" (2%), "a lot of effort" (7%), or "a moderate amount of effort" (27%) to reduce global warming.

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

Legend: Extremely important, Very important, Moderately important, Don't know, Not too important, Not at all important, No response

| Importance to family and friends (injunctive norm) | 5 | 11 | 25 | 14 | 20 | 24 |

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

Legend: A great deal of effort, A lot of effort, A moderate amount of effort, Don't know, A little effort, No effort, No response

| Effort of family and friends (descriptive norm) | 2 | 7 | 27 | 14 | 28 | 22 |

How much of an effort do your family and friends make to reduce global warming?

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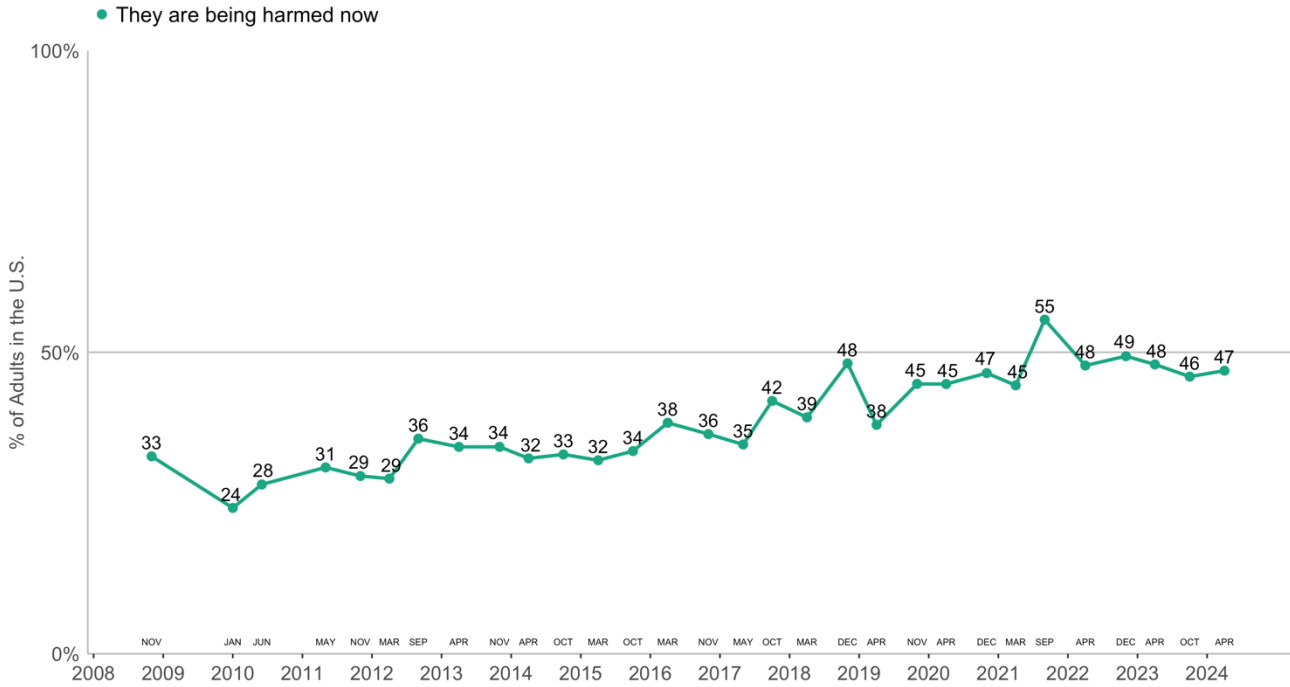*Source:* Yale Program on Climate Change Communication;
George Mason University Center for Climate Change Communication

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[10] 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

4.3. Half of 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 at least once a month.

Half of Americans (50%) say they hear about global warming in the media once a month or more often, while 39% say they hear about global warming in the media several times a year or less often, including 11% who say they never hear about global warming in the media.

In contrast, only 28% of Americans say they hear about global warming on social media once a month or more often, while 54% say they do so several times a year or less often, including 30% who say they never hear about global warming on social media. Similarly, only 22% of Americans say they hear people they know talk about global warming once a month or more often, while 70% say they do so several times a year or less often, including 30% who say they never hear people they know talk about global warming.

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

| | At least once a week | At least once a month | Several times a year | Once a year or less often | Never | No response | Not sure |

Hear about global warming in the media: 28 | 22 | 21 | 7 | 11 | 11

Hear about global warming on social media (Facebook, Instagram, TikTok, YouTube, Twitter/X, etc.)?: 13 | 15 | 16 | 8 | 30 | 17

Hear people I know talking about global warming: 6 | 15 | 22 | 18 | 30 | 8

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

Two in three Americans (67%) say the issue of global warming is either "extremely" (15%), "very" (20%), or "somewhat" (31%) important to them personally (refer to data tables, p. 78). One in three (33%) say global warming is either "not too" (17%) or "not at all" (16%) personally important.

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

- ● Extremely/Very/Somewhat important
- ● Not too/Not at all important

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

Spring 2024

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

4.5. A majority of Americans feel a personal sense of responsibility to help reduce global warming.

A majority of Americans (62%) agree either "strongly" (18%) or "somewhat" (43%) that they feel a personal sense of responsibility to help reduce global warming.

A majority of Americans feel a personal sense of responsibility to help reduce global warming

■ Strongly agree ■ Somewhat agree ■ No response ■ Somewhat disagree ■ Strongly disagree

| 18 | 43 | 20 | 17 |

0%   50%   100%

How much do you agree or disagree with the following statements? I feel a personal sense of responsibility to help reduce global warming

Spring 2024

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

4.6. About one-third of Americans say they have engaged in consumer activism on global warming.

About one-third of Americans (32%) 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 of Americans (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 one-third of Americans say they have engaged in consumer activism on global warming

Legend:
- Many times (6+)
- Several times (4-5)
- A few times (2-3)
- Once
- Never
- Don't know
- No response

|	Many times (6+)	Several times (4-5)	A few times (2-3)	Once	Never	Don't know / No response
Rewarded companies that are taking steps to reduce global warming by buying their products.	8	8	13	4	56	12
Punished companies that are opposing steps to reduce global warming by NOT buying their products.	7	4	11	4	63	11

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

Spring 2024

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

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4.7. About one in four Americans say the most important reason to reduce global warming is to provide a better life for our children and grandchildren.

About one in four Americans (23%) say providing a better life for our children and grandchildren is the most important reason, for them, to reduce global warming. One in ten or more say preventing the destruction of most life on the planet (18%) or helping prevent extreme weather events (10%) is the most important reason.

Fewer say their most important reason to reduce global warming is protecting God's creation (9%), saving many plant and animal species from extinction (6%), saving many people around the world from poverty and starvation (6%), improving people's health (4%), protecting their own health and well-being (3%), helping to free us from dependence on foreign oil (3%), creating green jobs and a stronger economy (2%), or improving national security (1%). About one in seven (14%; not pictured) either said this was not applicable because global warming isn't happening (12%) or did not choose a reason (3%; refer to data tables, p. 96).

About one in four Americans say the most important reason to reduce global warming is to provide a better life for our children and grandchildren

The most important reason to reduce global warming is to…

Reason	%
Provide a better life for our children and grandchildren	23
Prevent the destruction of most life on the planet	18
Help prevent extreme weather events	10
Protect God's creation	9
Save many plant and animal species from extinction	6
Save many people around the world from poverty and starvation	6
Improve people's health	4
Protect my own health and wellbeing	3
Help free us from dependence on foreign oil	3
Create green jobs and a stronger economy	2
Improve our national security	1

Which of the following reasons to reduce global warming, if any, are most important to you? Please select up to three reasons. My three most important reasons to reduce global warming are…
[If applicable] Of the reasons you selected, which one is most important to you personally?

Spring 2024

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

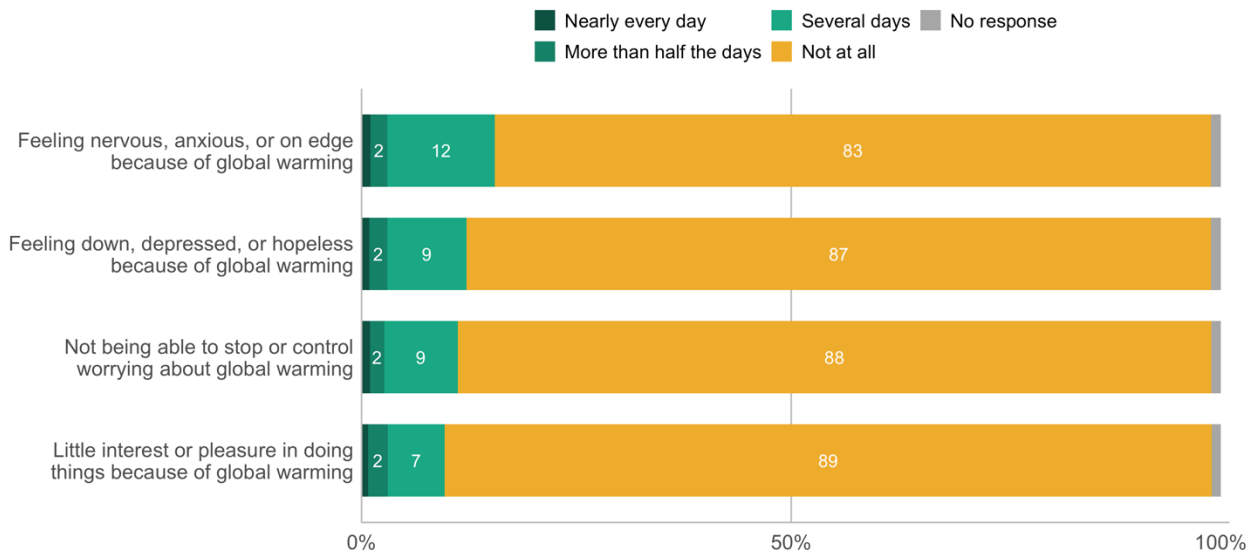YALE PROGRAM ON Climate Change Communication

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5. Global Warming and Personal Agency

5.1. Few Americans think it is too late to do anything about global warming.

About six in ten Americans (63%) either "strongly" (37%) or "somewhat" (26%) *disagree* with the statement: "it's already too late to do anything about global warming." By contrast, relatively few Americans (12%) either "strongly" (2%) or "somewhat" (10%) agree with this statement. An additional 18% say they "don't know."

Few Americans think it is too late to do anything about global warming

■ Strongly disagree ■ Don't know ■ Strongly agree
■ Somewhat disagree ■ Somewhat agree ■ No response

| 37 | 26 | 18 | 10 | 2 | 7 |

0%   50%   100%

Please indicate how strongly you agree or disagree with the following statement: It's already too late to do anything about global warming.

Spring 2024

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

5.2. About half of Americans disagree with the statement "the actions of a single individual won't make any difference in global warming."

About half of Americans (53%) either "strongly" (20%) or "somewhat" (33%) *disagree* with the statement "the actions of a single individual won't make any difference in global warming" (refer to data tables, p. 98), while 47% of Americans either "strongly" (17%) or "somewhat" (29%) agree that individual actions won't make a difference.

About half of Americans disagree with the statement "the actions of a single individual won't make any difference in global warming"

● Disagree that individual actions won't make any difference
● Agree that individual actions won't make any difference

How much do you agree or disagree with the following statements? The actions of a single individual won't make any difference in global warming

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5.3. Half of Americans do not think new technologies can solve global warming without individual action.

Half of Americans (50%) either "strongly" (19%) or "somewhat" (32%) *disagree* with the statement "new technologies can solve global warming without individuals having to make big changes in their lives" (refer to data tables, p. 99), while a similar percentage (49%) either "strongly" (8%) or "somewhat" (40%) agree with this statement.

Half of Americans do not think new technologies can solve global warming without individual action

- ● Agree that new technologies can solve global warming
- ● Disagree that new technologies can solve global warming
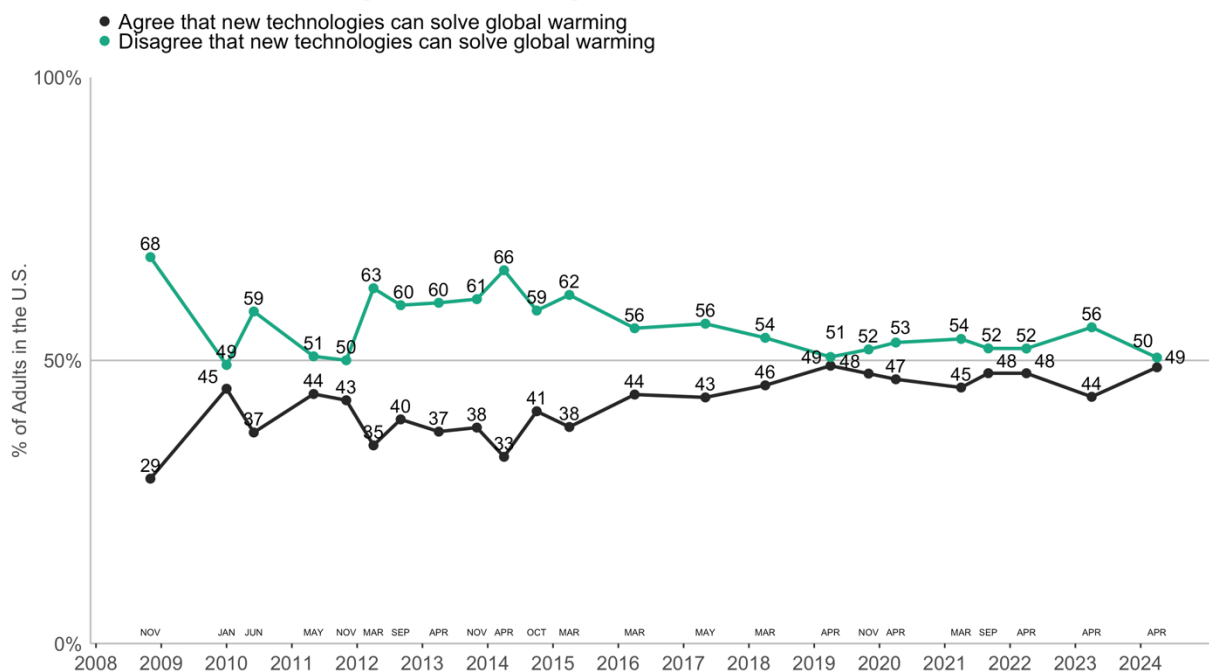
How much do you agree or disagree with the following statements? New technologies can solve global warming without individuals having to make big changes in their lives
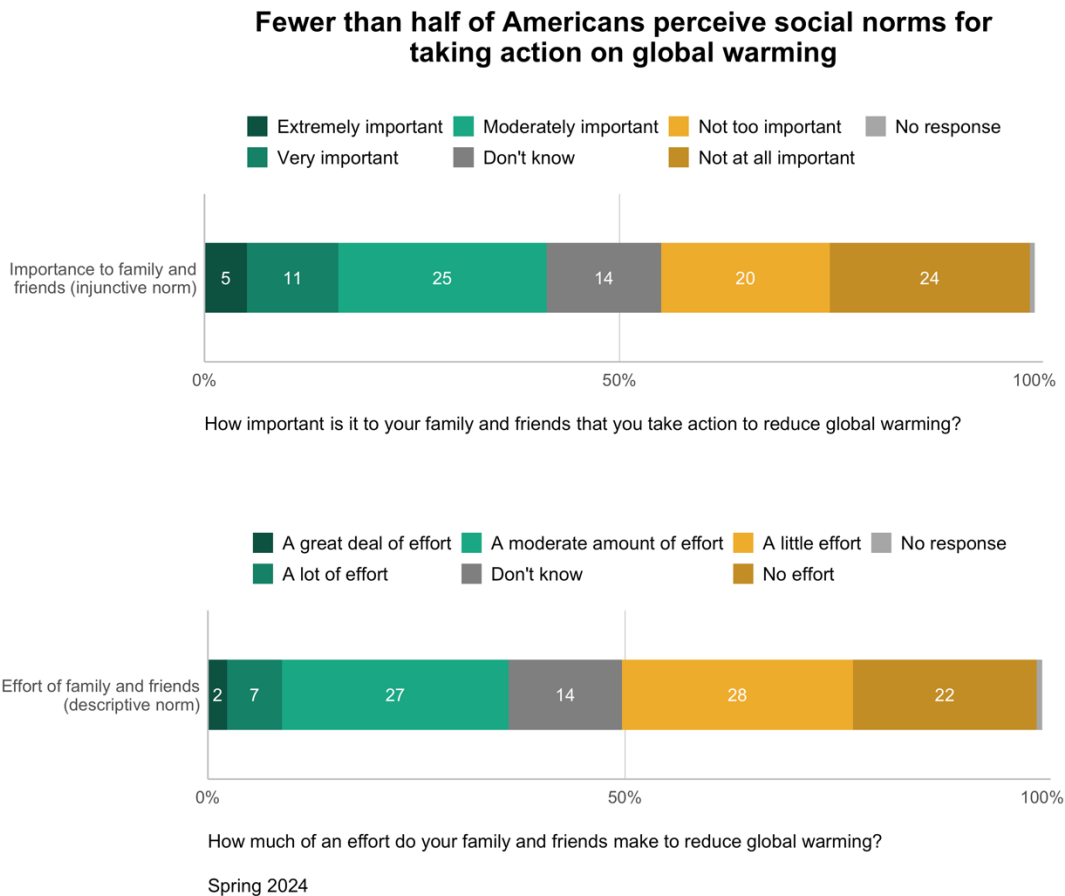
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Source: Yale Program on Climate Change Communication; George Mason University Center for Climate Change Communication

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6. Impacts of Global Warming

6.1. 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" (36%) or "some" (22%).

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

Legend:
- Affecting the weather a lot
- Affecting the weather some
- Affecting the weather a little/Don't know how much
- Not affecting the weather
- Not happening
- Don't know/No response

| 36 | 22 | 8 | 6 | 8 | 20 |

0%   50%   100%

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?

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

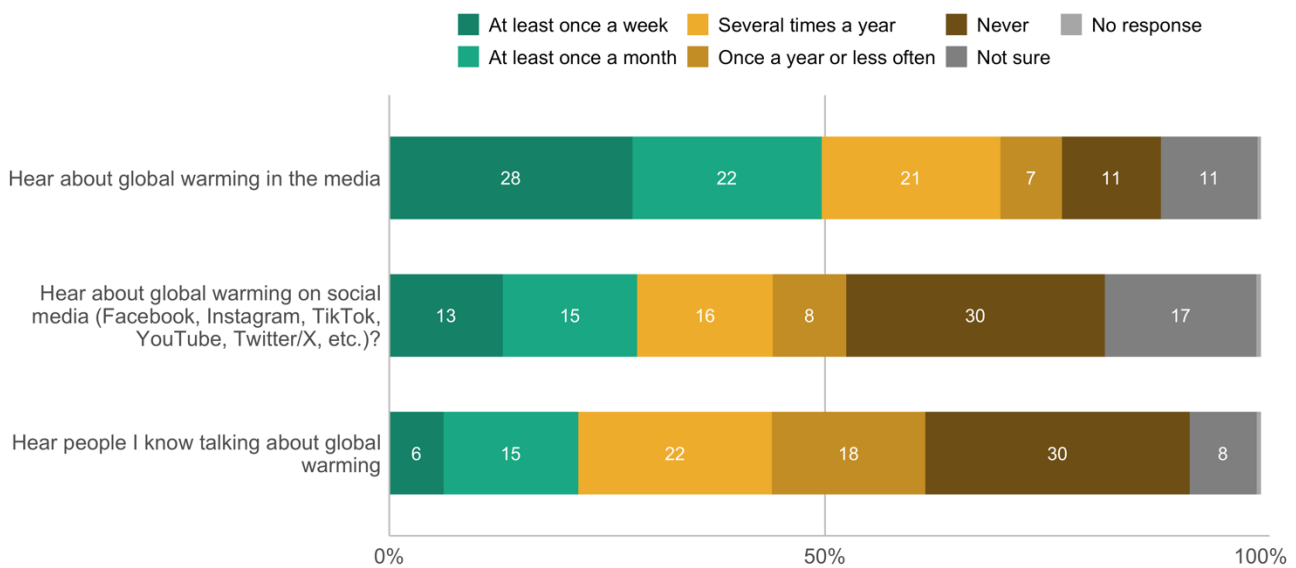As noted above, 36% of Americans think global warming is affecting weather "a lot."

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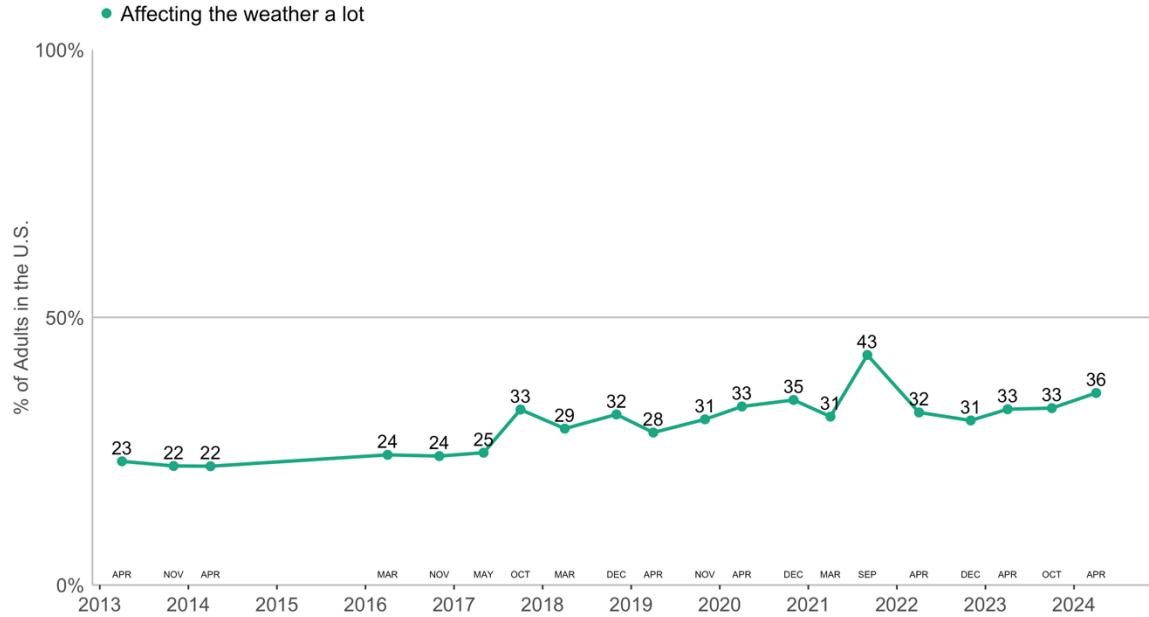
Which statement best reflects your view? (a) Global warming is affecting weather in the United States; (b) Global warming is not affecting weather in the United States; (c) Global warming isn't happening; (d) dont know; (e) Prefer not to answer.
[If (a) selected] How much do you think global warming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

Spring 2024

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

6.2. 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 (74%), wildfires (73%), droughts (72%), and rising sea levels (70%). Six in ten or more think global warming is affecting air pollution (69%), flooding (68%), hurricanes (68%), water shortages (67%), tornados (65%), reduced snow pack (63%), agricultural pests and diseases (62%), water pollution (61%), and electricity power outages (61%).

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

Legend: A lot | A little | Don't know | Some | Not at all | No response

Category	A lot	Some	A little	Not at all	Don't know	No response
Extreme heat	42	22	10	12	12	
Wildfires	43	19	11	14	12	
Droughts	36	25	11	13	14	
Rising sea levels	35	24	11	14	16	
Air pollution	30	24	14	15	15	
Flooding	33	23	12	15	16	
Hurricanes	29	26	13	15	16	
Water shortages	29	25	13	15	17	
Tornados	28	25	13	15	19	
Reduced snow pack	32	20	11	15	21	
Agricultural pests and diseases	21	27	13	14	23	
Water pollution	22	25	14	18	20	
Electricity power outages	19	27	15	19	19	

How much do you think global warming is affecting the following in the United States?
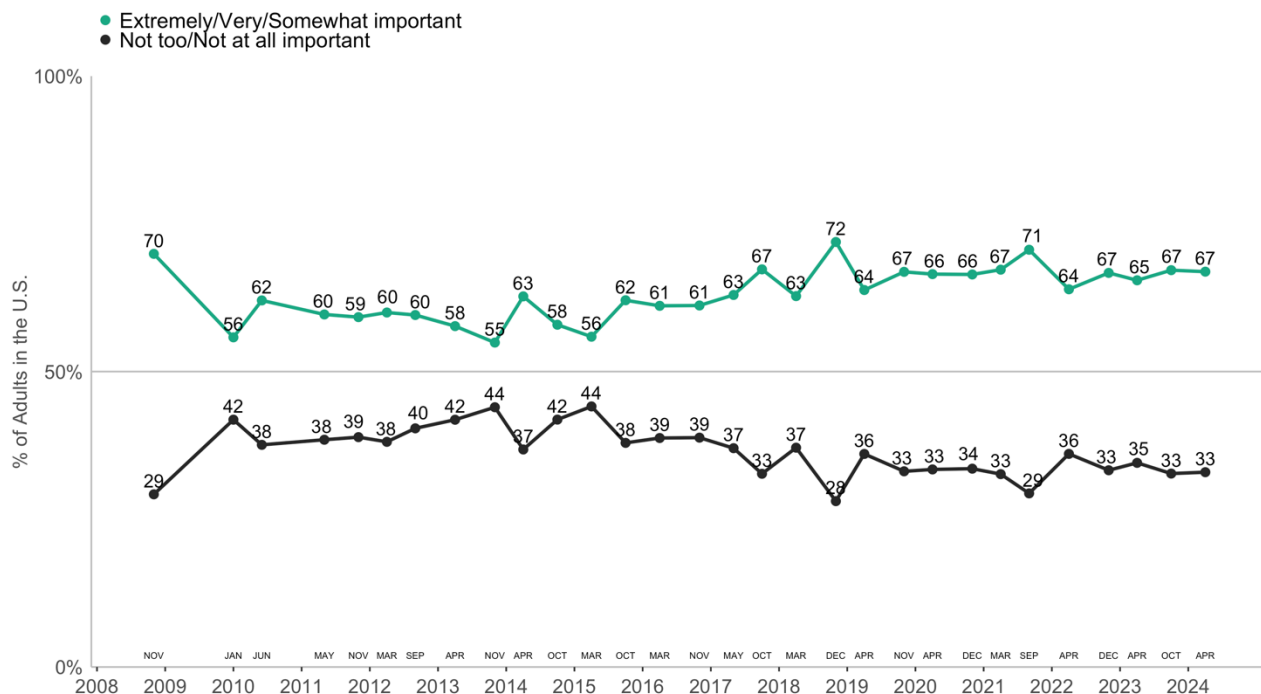
Spring 2024

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

6.3. 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" (18%) or "moderate" (38%) risk to their community over the next 10 years. Fewer think extreme weather poses either a "low" risk (30%) or "no" risk (6%).

A majority of Americans think extreme weather poses a risk to their community
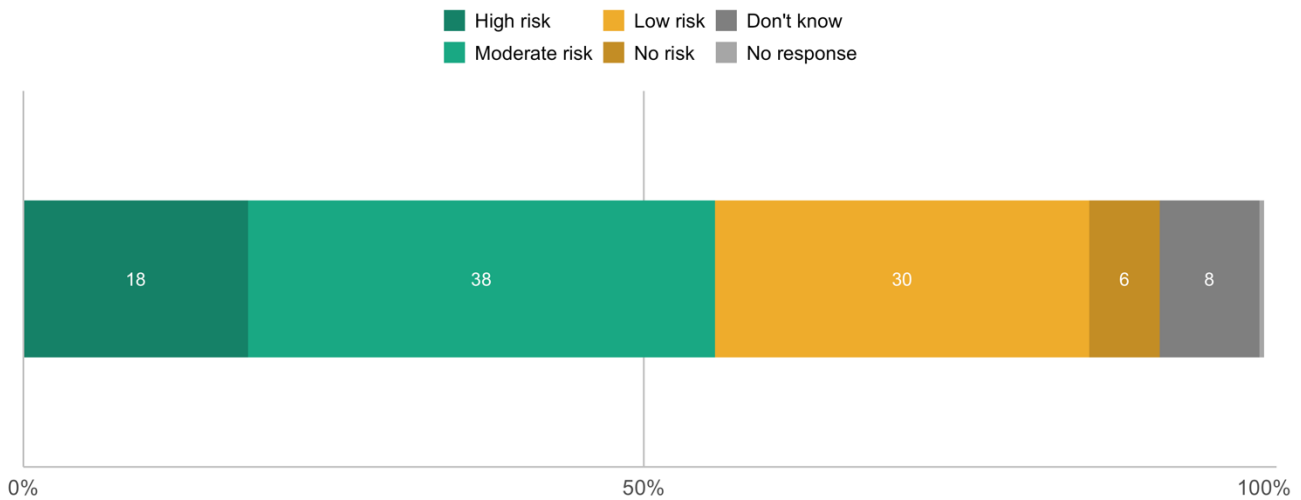
| High risk | Low risk | Don't know |
| Moderate risk | No risk | No response |

| 18 | 38 | 30 | 6 | 8 |

0%   50%   100%

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

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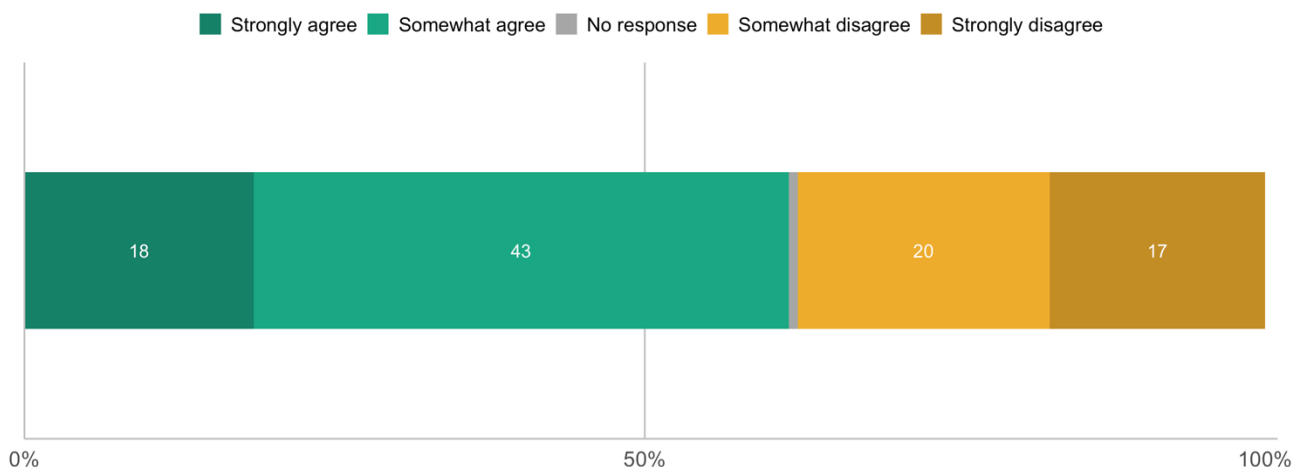George Mason University Center for Climate Change Communication

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

Section 6.2 of this report outlines the degree to which Americans think global warming is already affecting numerous environmental problems. 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 electricity power outages (79%, an increase of 5 percentage points since we last asked this question in our Fall 2023 survey), water pollution (79%, +12 percentage points since Fall 2023), air pollution (77%, +4 points), extreme heat (76%, +6 points), agricultural pests and diseases (72%, +9 points), droughts (69%, +6 points), flooding (63%, +5 points), water shortages (67%, +11 points), wildfires (61%, +9 points), tornados (58%, no significant change since Fall 2023), and rising sea levels (50%, +12 points). Many Americans are also worried their local area might be harmed by reduced snow pack (45%, +8 points) and hurricanes (45%, +6 points).

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

■ Very worried ■ Moderately worried ■ A little worried ■ Not at all worried ■ No response

Problem	Very worried	Moderately worried	A little worried	Not at all worried
Electricity power outages	14	28	37	20
Water pollution	17	30	32	21
Air pollution	15	28	34	22
Extreme heat	19	26	30	23
Agricultural pests and diseases	10	26	35	28
Droughts	13	24	32	30
Water shortages	14	22	31	32
Flooding	10	22	31	36
Wildfires	11	21	29	38
Tornados	11	18	30	41
Rising sea levels	9	17	24	49
Reduced snow pack	7	16	23	53
Hurricanes	9	14	22	54

0%   50%   100%
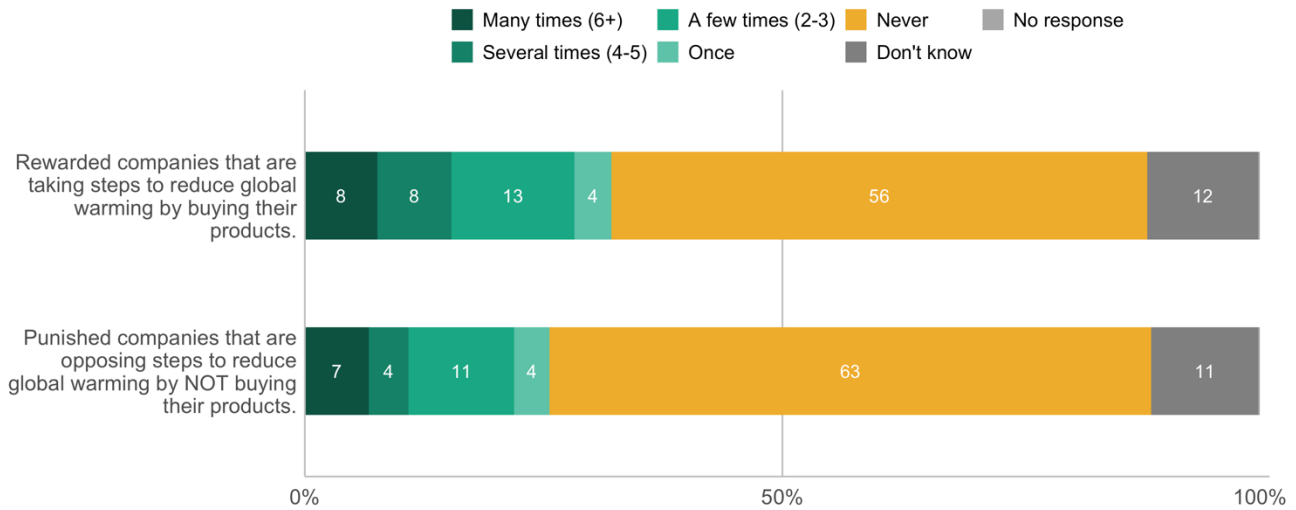
How worried are you that the following might harm your local area?

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6.5. About two in three Americans think wildfires have increased around the world as a result of global warming.

About two in three Americans (68%) either "strongly" (28%) or "somewhat" (40%) agree that wildfires have increased around the world as a result of global warming.

About two in three Americans think wildfires have increased around the world as a result of global warming

■ Strongly agree ■ Somewhat agree ■ No response ■ Somewhat disagree ■ Strongly disagree

28	40	15	16

0%   50%   100%

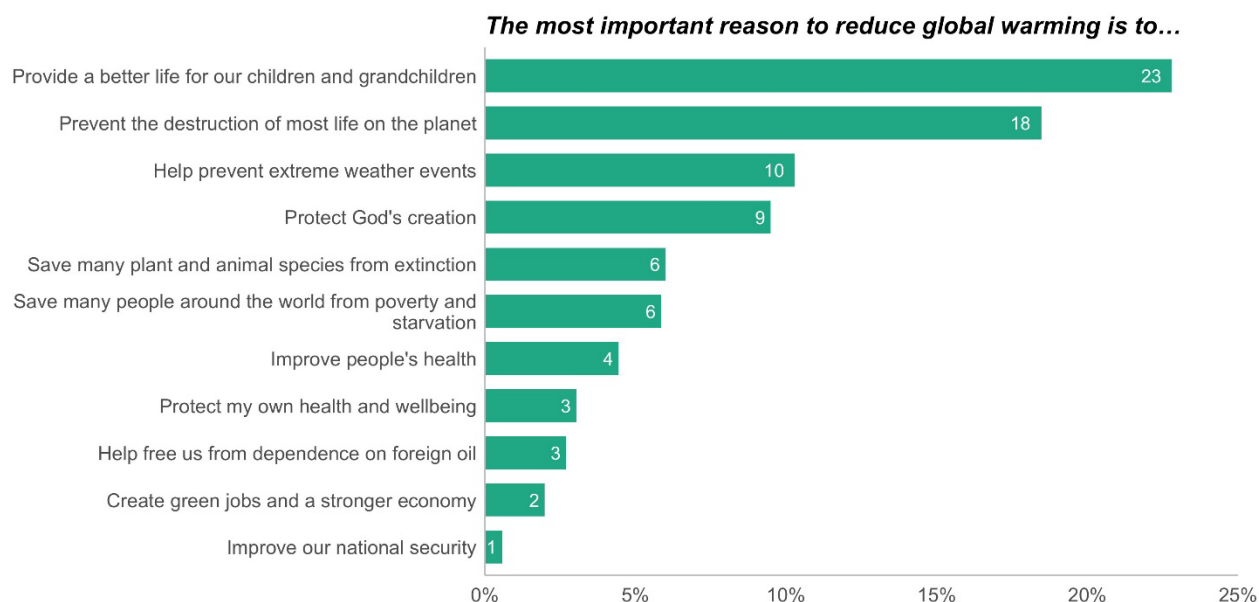Wildfires have increased around the world over the past few years as a result of global warming
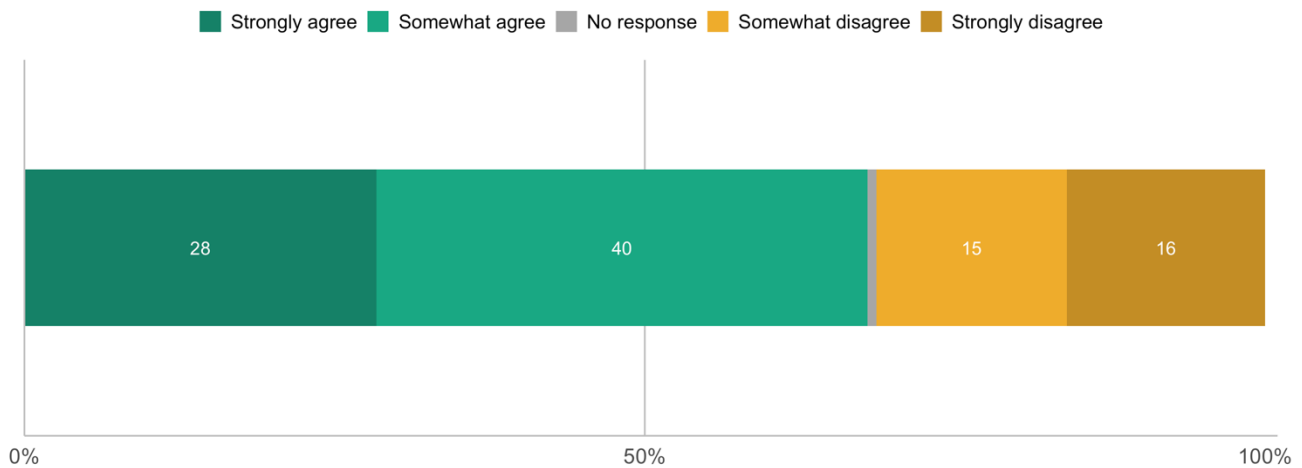
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7. How Americans Conceptualize Global Warming

7.1. Americans are most likely to think of global warming as an environmental or scientific issue.

Global warming is a complex challenge with many dimensions. Understanding how people conceptualize the issue is critical to formulating effective communication strategies.

A large majority of Americans think global warming is an environmental issue (77%). More than half think global warming is a scientific (68%), severe weather (65%), agricultural (65%), economic (60%), health (59%), political (58%), and/or humanitarian (55%) issue.

Fewer think global warming is a moral (44%), poverty (33%), social justice (29%), national security (29%), and/or religious (9%) issue.

Americans are most likely to think of global warming as an environmental or scientific issue

■ Yes ■ Not sure ■ No ■ No response

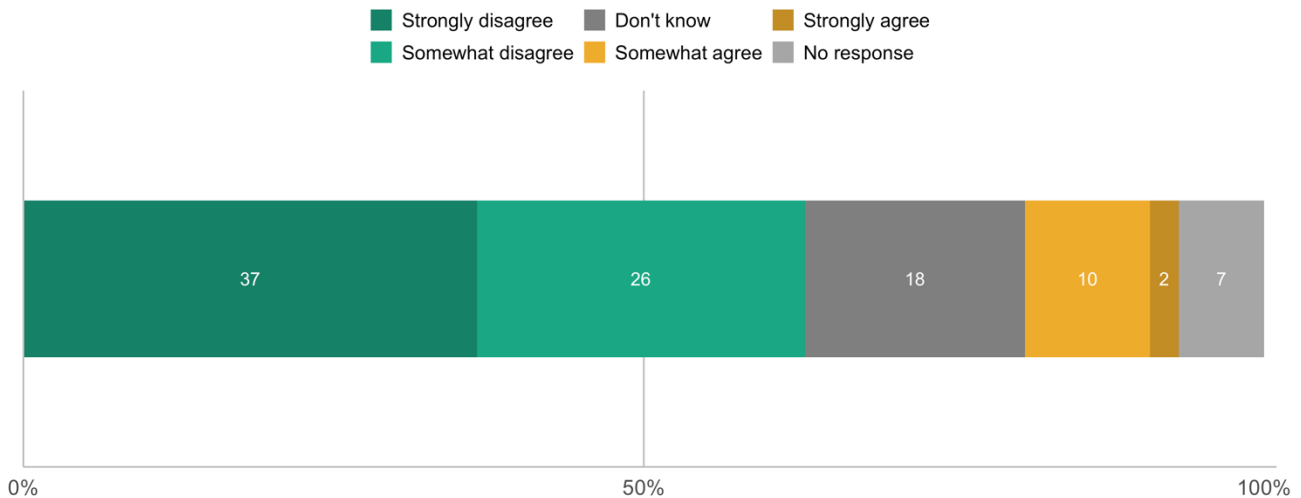| Issue	Yes	Not sure	No
An environmental issue	77	11	12
A scientific issue	68	16	16
A severe weather issue	65	15	19
An agricultural (farming, food) issue	65	15	19
An economic issue	60	16	24
A health issue	59	15	26
A political issue	58	13	28
A humanitarian issue	55	18	26
A moral issue	44	17	38
A poverty issue	33	19	48
A social justice (fairness) issue	29	18	52
A national security issue	29	21	49
A religious issue	9	14	75
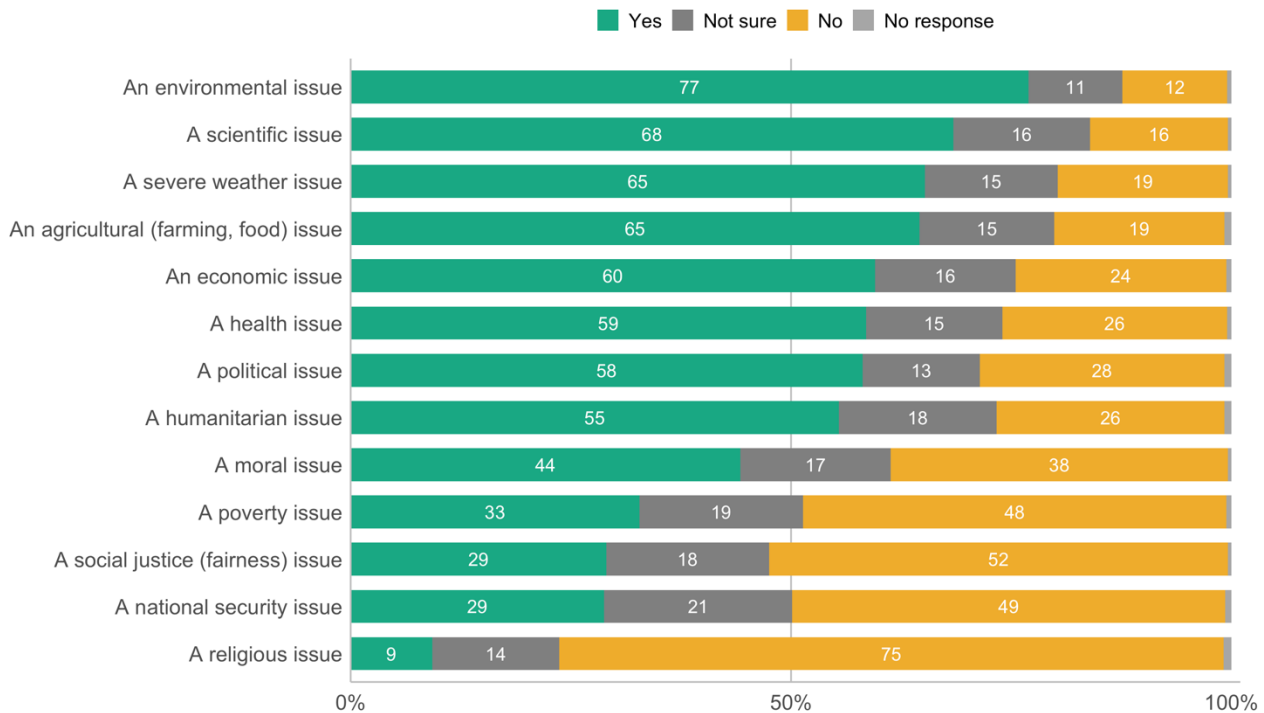
In your opinion, do you think global warming is…
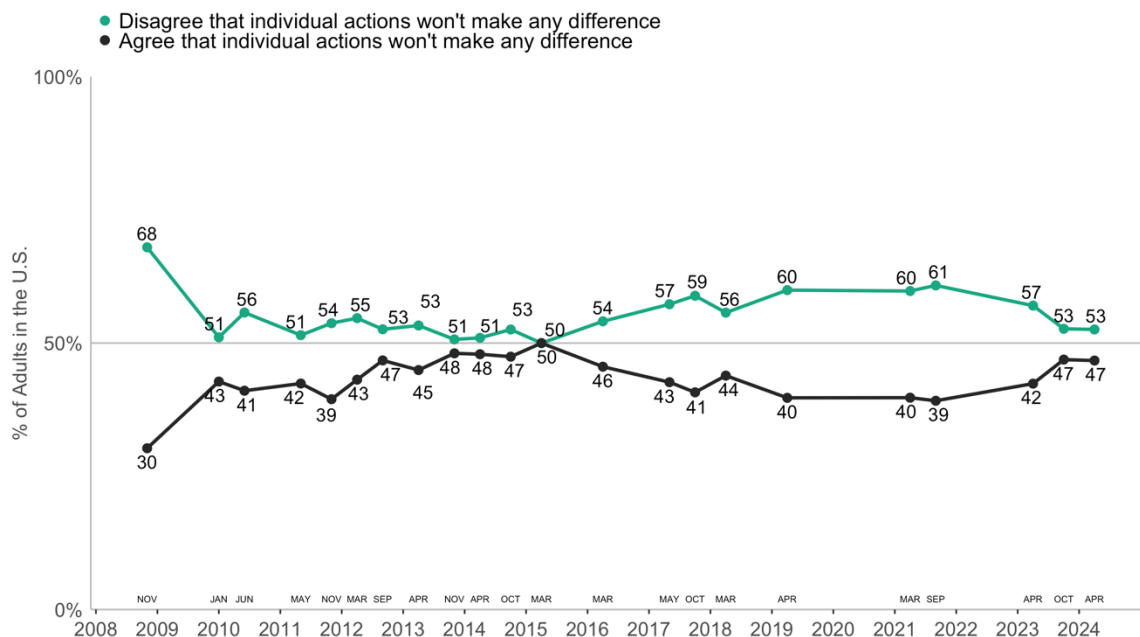
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Appendix I: Data Tables

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
Unweighted Base	1,011	1,033	1,031
Yes (%)	74	72	70
No (%)	15	15	13
Don't know (%)	11	12	17
No response (%)	0	0	-

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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
Unweighted Base	1,011	1,033	1,031
Yes, global warming is happening (%)	7	8	12
No, global warming is not happening (%)	3	4	5
No response (%)	0	0	-
Not applicable (%)	89	87	83

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

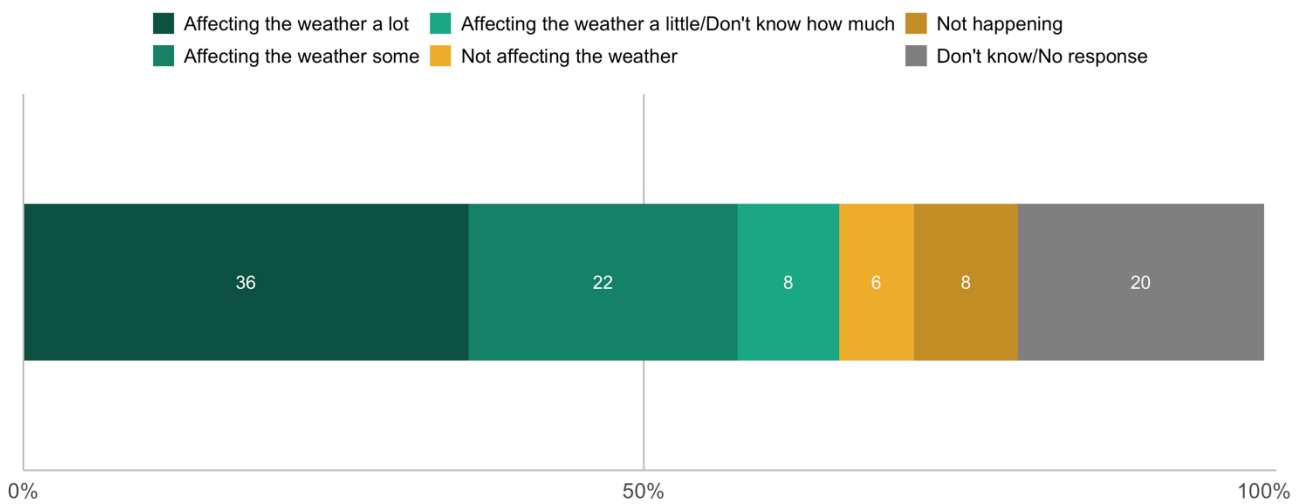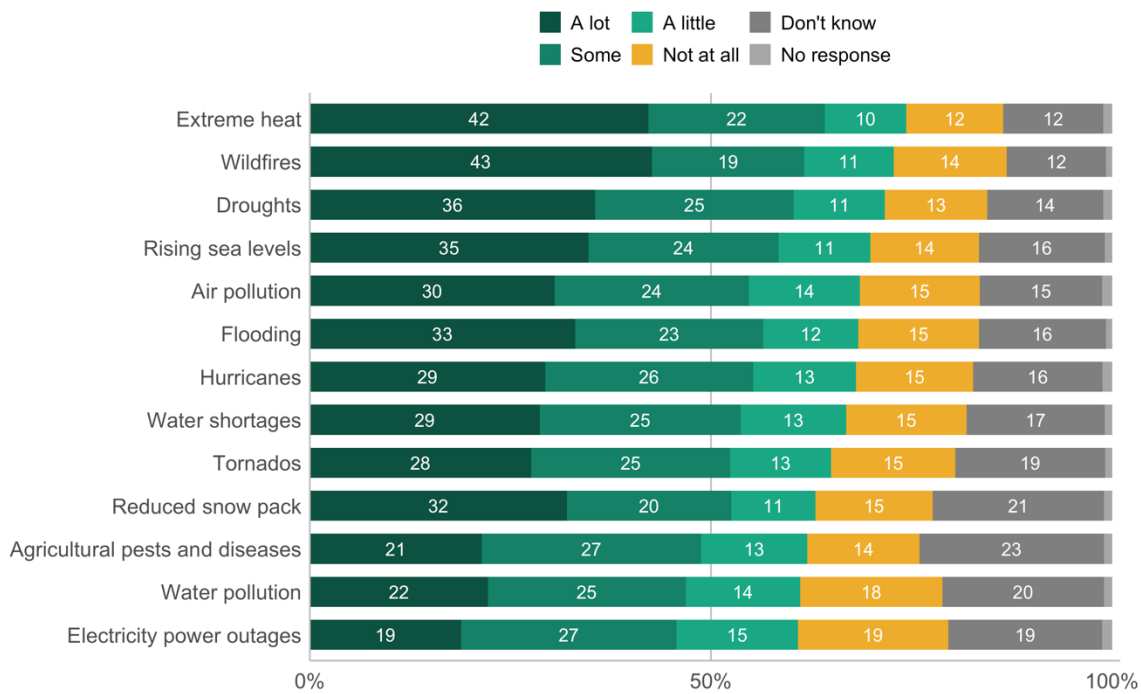|	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Extremely sure (%)	30	29	32
Very sure (%)	22	20	19
Somewhat sure (%)	19	21	17
Not at all sure (%)	2	2	1
No response (%)	-	-	-
Not applicable (%)	26	28	30

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

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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
Neither 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
Neither 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

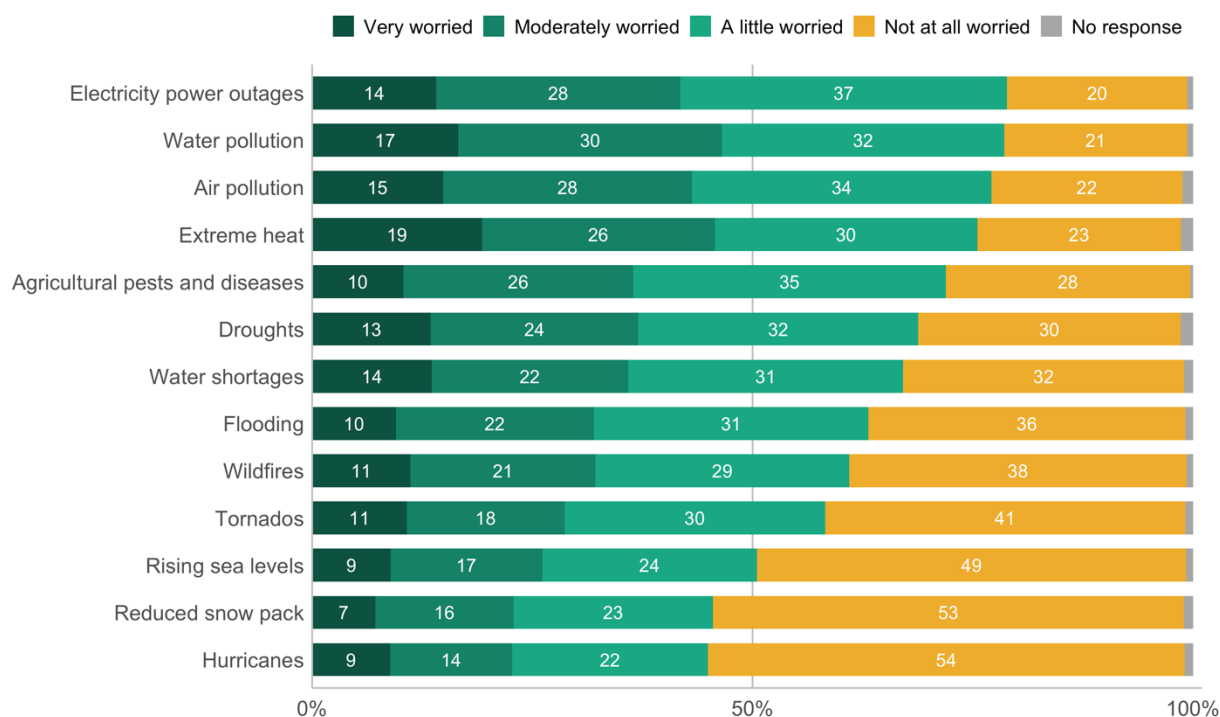|	Dec 2018	Apr 2019	Nov 2019	Apr 2020	Dec 2020	Mar 2021	Sep 2021	Apr 2022	Dec 2022
Unweighted Base	1,114	1,291	1,303	1,029	1,036	1,037	1,006	1,018	1,085
Caused mostly by human activities (%)	62	55	59	62	58	57	60	56	58
Caused by human activities and natural changes (%)	6	6	5	5	6	5	6	5	4
Caused mostly by natural changes in the environment (%)	23	32	30	29	29	30	27	33	27
Neither 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

YALE PROGRAM ON
Climate Change
Communication

GEORGE MASON UNIVERSITY
CENTER for CLIMATE CHANGE
COMMUNICATION

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Caused mostly by human activities (%)	61	58	59
Caused by human activities and natural changes (%)	4	6	4
Caused mostly by natural changes in the environment (%)	28	29	29
Neither because global warming isn't happening (%)	6	6	6
Other (%)	1	1	1
Don't know (%)	0	0	0
No response (%)	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
Unweighted Base	1,011	1,033	1,031
Most scientists think global warming is happening (%)	58	53	58
There is a lot of disagreement among scientists about whether or not global warming is happening (%)	22	25	22
Most scientists think global warming is not happening (%)	2	3	2
Don't know enough to say (%)	17	19	19
No response (%)	-	-	-

1.6 To the best of your knowledge, what percentage of climate scientists think that human-caused 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
0%-10% (%)	-	-	-	-	-	-	-	-	1
11%-20% (%)	-	-	-	-	-	-	-	-	1
21%-30% (%)	-	-	-	-	-	-	-	-	1
31%-40% (%)	-	-	-	-	-	-	-	-	2
41%-50% (%)	-	-	-	-	-	-	-	-	7
51%-60% (%)	-	-	-	-	-	-	-	-	2
61%-70% (%)	-	-	-	-	-	-	-	-	2
71%-80% (%)	-	-	-	-	-	-	-	-	7
81%-90% (%)	-	-	-	-	-	-	-	-	5
91%-100% (%)	-	-	-	-	-	-	-	-	6
Don't know enough to say (%)	-	-	-	-	-	-	-	-	14
No response (%)	-	-	-	-	-	-	-	-	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
0%-10% (%)	1	1	1	2	1	2	2	1	1
11%-20% (%)	1	1	1	2	1	1	1	1	1
21%-30% (%)	5	4	4	4	4	7	4	5	4
31%-40% (%)	3	2	2	2	2	3	3	3	1
41%-50% (%)	15	15	14	12	13	13	13	13	10
51%-60% (%)	8	7	6	5	6	6	7	5	4
61%-70% (%)	7	7	8	6	8	7	6	5	5
71%-80% (%)	14	17	15	18	15	17	14	17	15
81%-90% (%)	7	7	8	10	8	9	10	10	10
91%-100% (%)	9	9	9	12	11	15	13	15	15
Don't know enough to say (%)	28	29	31	27	32	21	28	24	34
No response (%)	2	1	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
0%-10% (%)	1	1	2	1	1	1	1	2	-
11%-20% (%)	1	1	1	1	1	1	1	1	-
21%-30% (%)	1	2	2	2	1	2	1	2	-
31%-40% (%)	2	3	3	2	3	2	2	4	-
41%-50% (%)	15	17	10	11	10	10	9	9	-
51%-60% (%)	6	7	8	10	8	7	7	8	-
61%-70% (%)	6	7	8	6	7	6	7	6	-
71%-80% (%)	15	12	12	13	14	14	12	14	-
81%-90% (%)	11	10	11	11	13	13	13	11	-
91%-100% (%)	20	17	22	21	20	22	24	20	-
Don't know enough to say (%)	22	21	21	22	22	24	24	25	-
No response (%)	-	-	0	0	0	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
0%-10% (%)	2	-	2
11%-20% (%)	2	-	1
21%-30% (%)	3	-	2
31%-40% (%)	3	-	2
41%-50% (%)	8	-	9
51%-60% (%)	7	-	8
61%-70% (%)	7	-	7
71%-80% (%)	13	-	13
81%-90% (%)	13	-	11
91%-100% (%)	20	-	21
Don't know enough to say (%)	22	-	25
No response (%)	-	-	0

YALE PROGRAM ON
Climate Change
Communication

GEORGE MASON UNIVERSITY
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COMMUNICATION

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
Unweighted Base	1,011	1,033	1,031
Strongly agree (%)	8	9	12
Somewhat agree (%)	37	35	37
Somewhat disagree (%)	26	24	24
Strongly disagree (%)	29	32	26
No response (%)	1	0	1

YALE PROGRAM ON
Climate Change
Communication

GEORGE MASON UNIVERSITY
CENTER for CLIMATE CHANGE
COMMUNICATION

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

YALE PROGRAM ON
Climate Change
Communication

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COMMUNICATION

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

YALE PROGRAM ON
Climate Change
Communication

GEORGE MASON UNIVERSITY
CENTER for CLIMATE CHANGE
COMMUNICATION

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

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

YALE PROGRAM ON
Climate Change
Communication

GEORGE MASON UNIVERSITY
CENTER for CLIMATE CHANGE
COMMUNICATION

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

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

- How much do you think global warming will 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
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
Unweighted Base	1,011	1,033	1,031
A great deal (%)	36	30	31
A moderate amount (%)	28	29	34
Only a little (%)	14	16	14
Not at all (%)	14	15	12
Don't know (%)	8	10	10
No response (%)	0	0	-

YALE PROGRAM ON
Climate Change
Communication

GEORGE MASON UNIVERSITY
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COMMUNICATION

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

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

YALE PROGRAM ON
Climate Change
Communication

GEORGE MASON UNIVERSITY
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COMMUNICATION

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

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

YALE PROGRAM ON
Climate Change
Communication

GEORGE MASON UNIVERSITY
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COMMUNICATION

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

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

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

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
Unweighted Base	1,011	1,033	1,031
A great deal (%)	54	54	54
A moderate amount (%)	16	17	18
Only a little (%)	9	9	9
Not at all (%)	11	11	8
Don't know (%)	9	9	11
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
Unweighted Base	1,011	1,033	1,031
Yes (%)	11	10	12
Not sure (%)	6	8	7
No (%)	83	81	81
No response (%)	1	0	1

YALE PROGRAM ON
Climate Change
Communication

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COMMUNICATION

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

YALE PROGRAM ON
Climate Change
Communication

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COMMUNICATION

3.2 How strongly do you feel each of the following emotions when you think about the issue of global warming?

Afraid

	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 (%)	-	9	9	12	-	-	-	-	10
Moderately (%)	-	26	28	27	-	-	-	-	25
Not very (%)	-	27	27	25	-	-	-	-	27
Not at all (%)	-	34	34	33	-	-	-	-	34
No response (%)	-	5	3	4	-	-	-	-	3

	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 (%)	-	-	-	-	11	12	-	14	10
Moderately (%)	-	-	-	-	31	30	-	34	28
Not very (%)	-	-	-	-	26	27	-	28	31
Not at all (%)	-	-	-	-	30	29	-	22	28
No response (%)	-	-	-	-	1	1	-	2	3

	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 (%)	13	-	15	7	8	-	-	15	8
Moderately (%)	36	-	31	28	29	-	-	31	25
Not very (%)	26	-	23	26	26	-	-	24	27
Not at all (%)	24	-	30	38	36	-	-	29	37
No response (%)	1	-	1	1	1	-	-	1	2

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Very (%)	-	-	9
Moderately (%)	-	-	29
Not very (%)	-	-	25
Not at all (%)	-	-	35
No response (%)	-	-	2

YALE PROGRAM ON
Climate Change
Communication

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COMMUNICATION

- How strongly do you feel each of the following emotions when you think about the issue of global warming?

Hopeless

	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 (%)	-	-	-	-	-	-	-	-	-
Moderately (%)	-	-	-	-	-	-	-	-	-
Not very (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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 (%)	-	-	-	-	-	-	-	-	-
Moderately (%)	-	-	-	-	-	-	-	-	-
Not very (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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 (%)	-	-	-	5	4	-	-	-	6
Moderately (%)	-	-	-	23	25	-	-	-	23
Not very (%)	-	-	-	30	28	-	-	-	28
Not at all (%)	-	-	-	40	42	-	-	-	42
No response (%)	-	-	-	1	1	-	-	-	1

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Very (%)	-	-	6
Moderately (%)	-	-	25
Not very (%)	-	-	25
Not at all (%)	-	-	43
No response (%)	-	-	1

YALE PROGRAM ON
Climate Change
Communication

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COMMUNICATION

- How strongly do you feel each of the following emotions when you think about the issue of global warming?

Interested

	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 (%)	-	20	19	22	-	-	-	-	21
Moderately (%)	-	42	47	42	-	-	-	-	38
Not very (%)	-	15	15	15	-	-	-	-	19
Not at all (%)	-	18	15	18	-	-	-	-	19
No response (%)	-	5	3	3	-	-	-	-	3

	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 (%)	-	-	-	23	22	23	-	24	19
Moderately (%)	-	-	-	43	45	43	-	43	42
Not very (%)	-	-	-	18	16	15	-	20	20
Not at all (%)	-	-	-	14	16	18	-	12	15
No response (%)	-	-	-	1	1	1	-	1	2

	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 (%)	25	-	23	19	19	-	22	19	18
Moderately (%)	44	-	41	44	41	-	44	43	40
Not very (%)	18	-	17	17	18	-	17	18	16
Not at all (%)	12	-	18	18	21	-	16	19	25
No response (%)	1	-	1	1	1	-	1	1	1

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Very (%)	-	-	18
Moderately (%)	-	-	39
Not very (%)	-	-	19
Not at all (%)	-	-	22
No response (%)	-	-	1

- How strongly do you feel each of the following emotions when you think about the issue of global warming?

Angry

	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 (%)	-	15	10	12	-	-	-	-	13
Moderately (%)	-	28	30	25	-	-	-	-	22
Not very (%)	-	26	28	28	-	-	-	-	30
Not at all (%)	-	27	30	32	-	-	-	-	32
No response (%)	-	4	3	3	-	-	-	-	3

	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 (%)	-	-	-	-	12	12	-	16	11
Moderately (%)	-	-	-	-	29	26	-	32	28
Not very (%)	-	-	-	-	29	31	-	28	31
Not at all (%)	-	-	-	-	29	30	-	22	28
No response (%)	-	-	-	-	1	1	-	2	2

	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 (%)	15	-	16	13	11	-	15	14	10
Moderately (%)	33	-	29	27	26	-	32	30	25
Not very (%)	27	-	23	23	26	-	25	27	26
Not at all (%)	24	-	31	35	36	-	26	28	38
No response (%)	1	-	1	1	1	-	1	1	1

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Very (%)	-	-	11
Moderately (%)	-	-	27
Not very (%)	-	-	24
Not at all (%)	-	-	37
No response (%)	-	-	2

YALE PROGRAM ON
Climate Change
Communication

GEORGE MASON UNIVERSITY
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COMMUNICATION

- How strongly do you feel each of the following emotions when you think about the issue of global warming?

Sad

	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 (%)	-	11	10	12	-	-	-	-	11
Moderately (%)	-	29	33	32	-	-	-	-	29
Not very (%)	-	24	20	19	-	-	-	-	23
Not at all (%)	-	31	34	35	-	-	-	-	34
No response (%)	-	5	3	3	-	-	-	-	3

	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 (%)	-	-	-	-	-	-	-	-	-
Moderately (%)	-	-	-	-	-	-	-	-	-
Not very (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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 (%)	-	-	-	-	-	-	-	20	12
Moderately (%)	-	-	-	-	-	-	-	31	28
Not very (%)	-	-	-	-	-	-	-	21	22
Not at all (%)	-	-	-	-	-	-	-	27	37
No response (%)	-	-	-	-	-	-	-	1	1

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Very (%)	-	-	12
Moderately (%)	-	-	31
Not very (%)	-	-	19
Not at all (%)	-	-	36
No response (%)	-	-	1

- How strongly do you feel each of the following emotions when you think about the issue of global warming?

Hopeful

	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 (%)	-	9	10	9	-	-	-	-	9
Moderately (%)	-	34	35	34	-	-	-	-	33
Not very (%)	-	29	29	27	-	-	-	-	31
Not at all (%)	-	23	24	25	-	-	-	-	24
No response (%)	-	5	3	4	-	-	-	-	3

	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 (%)	-	-	-	11	10	11	-	7	7
Moderately (%)	-	-	-	39	38	38	-	37	35
Not very (%)	-	-	-	32	30	30	-	39	36
Not at all (%)	-	-	-	17	20	21	-	16	19
No response (%)	-	-	-	1	1	1	-	2	3

	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 (%)	10	-	9	10	7	-	7	9	7
Moderately (%)	38	-	33	35	36	-	35	30	35
Not very (%)	34	-	34	30	31	-	36	37	28
Not at all (%)	17	-	22	23	25	-	21	24	29
No response (%)	1	-	1	2	1	-	2	1	2

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Very (%)	-	-	8
Moderately (%)	-	-	36
Not very (%)	-	-	30
Not at all (%)	-	-	25
No response (%)	-	-	2

- How strongly do you feel each of the following emotions when you think about the issue of global warming?

Disgusted

	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 (%)	-	20	14	15	-	-	-	-	17
Moderately (%)	-	29	33	31	-	-	-	-	25
Not very (%)	-	22	23	22	-	-	-	-	26
Not at all (%)	-	24	27	28	-	-	-	-	29
No response (%)	-	5	4	4	-	-	-	-	3

	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 (%)	-	-	-	-	14	15	-	22	14
Moderately (%)	-	-	-	-	34	28	-	33	33
Not very (%)	-	-	-	-	25	28	-	25	26
Not at all (%)	-	-	-	-	26	28	-	19	25
No response (%)	-	-	-	-	1	1	-	2	3

	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 (%)	19	-	20	16	13	-	21	18	15
Moderately (%)	34	-	30	30	29	-	33	33	25
Not very (%)	24	-	21	20	22	-	21	22	24
Not at all (%)	22	-	28	33	35	-	24	26	35
No response (%)	1	-	1	1	1	-	1	1	1

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Very (%)	-	-	12
Moderately (%)	-	-	30
Not very (%)	-	-	23
Not at all (%)	-	-	33
No response (%)	-	-	2

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- How strongly do you feel each of the following emotions when you think about the issue of global warming?

Outraged

	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 (%)	-	-	-	-	-	-	-	-	-
Moderately (%)	-	-	-	-	-	-	-	-	-
Not very (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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 (%)	-	-	-	-	12	12	-	15	11
Moderately (%)	-	-	-	-	29	24	-	28	26
Not very (%)	-	-	-	-	28	32	-	32	32
Not at all (%)	-	-	-	-	30	31	-	23	29
No response (%)	-	-	-	-	1	1	-	2	3

	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 (%)	14	-	17	13	10	-	15	14	10
Moderately (%)	29	-	28	27	26	-	30	28	23
Not very (%)	29	-	22	22	25	-	27	25	26
Not at all (%)	27	-	32	37	38	-	27	32	39
No response (%)	1	-	1	1	1	-	1	1	2

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Very (%)	-	-	10
Moderately (%)	-	-	26
Not very (%)	-	-	24
Not at all (%)	-	-	39
No response (%)	-	-	2

- How strongly do you feel each of the following emotions when you think about the issue of global warming?

Anxious

	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 (%)	-	-	-	-	-	-	-	-	-
Moderately (%)	-	-	-	-	-	-	-	-	-
Not very (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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 (%)	-	-	-	-	-	-	-	-	-
Moderately (%)	-	-	-	-	-	-	-	-	-
Not very (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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 (%)	-	-	-	7	7	-	-	-	8
Moderately (%)	-	-	-	27	24	-	-	-	24
Not very (%)	-	-	-	26	27	-	-	-	28
Not at all (%)	-	-	-	39	41	-	-	-	38
No response (%)	-	-	-	1	1	-	-	-	1

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Very (%)	-	-	8
Moderately (%)	-	-	28
Not very (%)	-	-	24
Not at all (%)	-	-	38
No response (%)	-	-	2

- How strongly do you feel each of the following emotions when you think about the issue of global warming?

Depressed

	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 (%)	-	-	-	-	-	-	-	-	-
Moderately (%)	-	-	-	-	-	-	-	-	-
Not very (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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 (%)	-	-	-	-	-	-	-	-	-
Moderately (%)	-	-	-	-	-	-	-	-	-
Not very (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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 (%)	-	-	-	5	4	-	-	-	5
Moderately (%)	-	-	-	19	17	-	-	-	18
Not very (%)	-	-	-	27	27	-	-	-	27
Not at all (%)	-	-	-	48	50	-	-	-	48
No response (%)	-	-	-	1	1	-	-	-	2

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Very (%)	-	-	6
Moderately (%)	-	-	21
Not very (%)	-	-	25
Not at all (%)	-	-	46
No response (%)	-	-	2

- How strongly do you feel each of the following emotions when you think about the issue of global warming?

Frustrated

	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 (%)	-	-	-	-	-	-	-	-	-
Moderately (%)	-	-	-	-	-	-	-	-	-
Not very (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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 (%)	-	-	-	-	-	-	-	-	-
Moderately (%)	-	-	-	-	-	-	-	-	-
Not very (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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 (%)	-	-	-	-	-	-	-	-	17
Moderately (%)	-	-	-	-	-	-	-	-	31
Not very (%)	-	-	-	-	-	-	-	-	18
Not at all (%)	-	-	-	-	-	-	-	-	33
No response (%)	-	-	-	-	-	-	-	-	1

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Very (%)	-	-	16
Moderately (%)	-	-	33
Not very (%)	-	-	18
Not at all (%)	-	-	31
No response (%)	-	-	2

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3.3 Over the last 2 weeks, how often have you been bothered by the following problems?

Feeling nervous, anxious, or on edge because 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
Nearly every day (%)	-	-	-	-	-	-	-	-	-
More than half the days (%)	-	-	-	-	-	-	-	-	-
Several days (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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
Nearly every day (%)	-	-	-	-	-	-	-	-	-
More than half the days (%)	-	-	-	-	-	-	-	-	-
Several days (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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
Nearly every day (%)	-	-	-	-	-	-	-	-	1
More than half the days (%)	-	-	-	-	-	-	-	-	2
Several days (%)	-	-	-	-	-	-	-	-	8
Not at all (%)	-	-	-	-	-	-	-	-	88
No response (%)	-	-	-	-	-	-	-	-	1

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Nearly every day (%)	-	1	1
More than half the days (%)	-	2	2
Several days (%)	-	9	12
Not at all (%)	-	87	83
No response (%)	-	1	1

- Over the last 2 weeks, how often have you been bothered by the following problems?

Not being able to stop or control worrying 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
Nearly every day (%)	-	-	-	-	-	-	-	-	-
More than half the days (%)	-	-	-	-	-	-	-	-	-
Several days (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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
Nearly every day (%)	-	-	-	-	-	-	-	-	-
More than half the days (%)	-	-	-	-	-	-	-	-	-
Several days (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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
Nearly every day (%)	-	-	-	-	-	-	-	-	1
More than half the days (%)	-	-	-	-	-	-	-	-	2
Several days (%)	-	-	-	-	-	-	-	-	6
Not at all (%)	-	-	-	-	-	-	-	-	90
No response (%)	-	-	-	-	-	-	-	-	1

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Nearly every day (%)	-	1	1
More than half the days (%)	-	2	2
Several days (%)	-	6	9
Not at all (%)	-	89	88
No response (%)	-	2	1

- Over the last 2 weeks, how often have you been bothered by the following problems?

Little interest or pleasure in doing things because 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
Nearly every day (%)	-	-	-	-	-	-	-	-	-
More than half the days (%)	-	-	-	-	-	-	-	-	-
Several days (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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
Nearly every day (%)	-	-	-	-	-	-	-	-	-
More than half the days (%)	-	-	-	-	-	-	-	-	-
Several days (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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
Nearly every day (%)	-	-	-	-	-	-	-	-	1
More than half the days (%)	-	-	-	-	-	-	-	-	2
Several days (%)	-	-	-	-	-	-	-	-	4
Not at all (%)	-	-	-	-	-	-	-	-	92
No response (%)	-	-	-	-	-	-	-	-	1

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Nearly every day (%)	-	1	1
More than half the days (%)	-	2	2
Several days (%)	-	7	7
Not at all (%)	-	89	89
No response (%)	-	2	1

- Over the last 2 weeks, how often have you been bothered by the following problems?

Feeling down, depressed, or hopeless because 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
Nearly every day (%)	-	-	-	-	-	-	-	-	-
More than half the days (%)	-	-	-	-	-	-	-	-	-
Several days (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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
Nearly every day (%)	-	-	-	-	-	-	-	-	-
More than half the days (%)	-	-	-	-	-	-	-	-	-
Several days (%)	-	-	-	-	-	-	-	-	-
Not at all (%)	-	-	-	-	-	-	-	-	-
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
Nearly every day (%)	-	-	-	-	-	-	-	-	1
More than half the days (%)	-	-	-	-	-	-	-	-	2
Several days (%)	-	-	-	-	-	-	-	-	6
Not at all (%)	-	-	-	-	-	-	-	-	90
No response (%)	-	-	-	-	-	-	-	-	1

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Nearly every day (%)	-	1	1
More than half the days (%)	-	2	2
Several days (%)	-	9	9
Not at all (%)	-	86	87
No response (%)	-	2	1

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

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4.2 How much of an effort do your family and friends make 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
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
Unweighted Base	1,011	1,033	1,031
A great deal of effort (%)	2	2	2
A lot of effort (%)	6	5	7
A moderate amount of effort (%)	30	28	27
A little effort (%)	28	28	28
No effort (%)	23	20	22
Don't know (%)	10	16	14
No response (%)	0	1	1

- 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
Unweighted Base	1,011	1,033	1,031
Extremely important (%)	3	3	5
Very important (%)	13	10	11
Moderately important (%)	25	27	25
Not too important (%)	20	18	20
Not at all important (%)	26	23	24
Don't know (%)	13	18	14
No response (%)	1	1	1

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

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Climate Change
Communication

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COMMUNICATION

- About how often do you hear other people you know (your family, friends, co-workers, etc.) talk 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
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
Unweighted Base	1,011	1,033	1,031
At least once a week (%)	9	7	6
At least once a month (%)	14	14	15
Several times a year (%)	22	23	22
Once a year or less often (%)	18	19	18
Never (%)	28	29	30
Not sure (%)	8	8	8
No response (%)	1	1	0

- About how often do you hear about global warming on social media (Facebook, Instagram, TikTok, YouTube, Twitter/X, 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 (%)	-	-	-	-	-	-	-	-	-
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
Unweighted Base	1,011	1,033	1,031
At least once a week (%)	-	-	13
At least once a month (%)	-	-	15
Several times a year (%)	-	-	16
Once a year or less often (%)	-	-	8
Never (%)	-	-	30
Not sure (%)	-	-	17
No response (%)	-	-	1

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

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Communication

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

I feel a personal sense of responsibility to help 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
Strongly agree (%)	-	-	-	-	-	-	-	-	-
Somewhat agree (%)	-	-	-	-	-	-	-	-	-
Somewhat disagree (%)	-	-	-	-	-	-	-	-	-
Strongly disagree (%)	-	-	-	-	-	-	-	-	-
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
Strongly agree (%)	-	-	-	-	-	-	-	-	-
Somewhat agree (%)	-	-	-	-	-	-	-	-	-
Somewhat disagree (%)	-	-	-	-	-	-	-	-	-
Strongly disagree (%)	-	-	-	-	-	-	-	-	-
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
Strongly agree (%)	-	-	-	22	22	16	21	-	19
Somewhat agree (%)	-	-	-	44	42	49	48	-	44
Somewhat disagree (%)	-	-	-	18	17	18	15	-	16
Strongly disagree (%)	-	-	-	16	19	16	16	-	21
No response (%)	-	-	-	0	-	1	-	-	0

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Strongly agree (%)	17	18	18
Somewhat agree (%)	44	45	43
Somewhat disagree (%)	18	17	20
Strongly disagree (%)	20	19	17
No response (%)	1	0	1

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Communication

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4.6 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
Unweighted Base	1,011	1,033	1,031
Many times (6+) (%)	-	5	8
Several times (4-5) (%)	-	5	8
A few times (2-3) (%)	-	12	13
Once (%)	-	3	4
Never (%)	-	63	56
Don't know (%)	-	11	12
No response (%)	-	0	0

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

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

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Communication

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4.7a Which of the following reasons to reduce global warming, if any, are most important to you? Please select up to three reasons. My three most important reasons to reduce global warming are…

Not applicable, because global warming isn't 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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	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 (%)	-	-	-	-	-	-	11	-	12
No (%)	-	-	-	-	-	-	87	-	84
None chosen (%)	-	-	-	-	-	-	2	-	3

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	12
No (%)	-	-	86
None chosen (%)	-	-	3

- Which of the following reasons to reduce global warming, if any, are most important to you? Please select up to three reasons. My three most important reasons to reduce global warming are…

Help free us from dependence on foreign oil

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	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 (%)	-	-	-	-	-	-	17	-	10
No (%)	-	-	-	-	-	-	80	-	87
None chosen (%)	-	-	-	-	-	-	2	-	3

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	10
No (%)	-	-	87
None chosen (%)	-	-	3

- Which of the following reasons to reduce global warming, if any, are most important to you? Please select up to three reasons. My three most important reasons to reduce global warming are…

Improve people's health

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	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 (%)	-	-	-	-	-	-	23	-	21
No (%)	-	-	-	-	-	-	75	-	75
None chosen (%)	-	-	-	-	-	-	2	-	3

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	20
No (%)	-	-	78
None chosen (%)	-	-	3

- Which of the following reasons to reduce global warming, if any, are most important to you? Please select up to three reasons. My three most important reasons to reduce global warming are…

Improve our national security

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	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 (%)	-	-	-	-	-	-	4	-	3
No (%)	-	-	-	-	-	-	94	-	93
None chosen (%)	-	-	-	-	-	-	2	-	3

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	2
No (%)	-	-	95
None chosen (%)	-	-	3

- Which of the following reasons to reduce global warming, if any, are most important to you? Please select up to three reasons. My three most important reasons to reduce global warming are…

Create green jobs and a stronger economy

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	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 (%)	-	-	-	-	-	-	15	-	10
No (%)	-	-	-	-	-	-	82	-	86
None chosen (%)	-	-	-	-	-	-	2	-	3

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	10
No (%)	-	-	88
None chosen (%)	-	-	3

- Which of the following reasons to reduce global warming, if any, are most important to you? Please select up to three reasons. My three most important reasons to reduce global warming are…

Save many plant and animal species from extinction

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	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 (%)	-	-	-	-	-	-	31	-	32
No (%)	-	-	-	-	-	-	67	-	65
None chosen (%)	-	-	-	-	-	-	2	-	3

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	31
No (%)	-	-	67
None chosen (%)	-	-	3

- Which of the following reasons to reduce global warming, if any, are most important to you? Please select up to three reasons. My three most important reasons to reduce global warming are…

Protect God's creation

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	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 (%)	-	-	-	-	-	-	21	-	20
No (%)	-	-	-	-	-	-	77	-	77
None chosen (%)	-	-	-	-	-	-	2	-	3

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	16
No (%)	-	-	81
None chosen (%)	-	-	3

- Which of the following reasons to reduce global warming, if any, are most important to you? Please select up to three reasons. My three most important reasons to reduce global warming are…

Save many people around the world from poverty and starvation

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	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 (%)	-	-	-	-	-	-	16	-	15
No (%)	-	-	-	-	-	-	82	-	81
None chosen (%)	-	-	-	-	-	-	2	-	3

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	21
No (%)	-	-	77
None chosen (%)	-	-	3

- Which of the following reasons to reduce global warming, if any, are most important to you? Please select up to three reasons. My three most important reasons to reduce global warming are…

Provide a better life for our children and grandchildren

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	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 (%)	-	-	-	-	-	-	44	-	45
No (%)	-	-	-	-	-	-	53	-	51
None chosen (%)	-	-	-	-	-	-	2	-	3

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	44
No (%)	-	-	53
None chosen (%)	-	-	3

- Which of the following reasons to reduce global warming, if any, are most important to you? Please select up to three reasons. My three most important reasons to reduce global warming are…

Prevent the destruction of most life on the planet

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	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 (%)	-	-	-	-	-	-	34	-	33
No (%)	-	-	-	-	-	-	64	-	64
None chosen (%)	-	-	-	-	-	-	2	-	3

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	36
No (%)	-	-	61
None chosen (%)	-	-	3

- Which of the following reasons to reduce global warming, if any, are most important to you? Please select up to three reasons. My three most important reasons to reduce global warming are…

Protect my own health and wellbeing

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	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 (%)	-	-	-	-	-	-	12	-	10
No (%)	-	-	-	-	-	-	85	-	87
None chosen (%)	-	-	-	-	-	-	2	-	3

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	12
No (%)	-	-	86
None chosen (%)	-	-	3

- Which of the following reasons to reduce global warming, if any, are most important to you? Please select up to three reasons. My three most important reasons to reduce global warming are…

Help prevent extreme weather events

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	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 (%)	-	-	-	-	-	-	27	-	32
No (%)	-	-	-	-	-	-	71	-	65
None chosen (%)	-	-	-	-	-	-	2	-	3

	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 (%)	-	-	-	-	-	-	-	-	-
No (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	37
No (%)	-	-	61
None chosen (%)	-	-	3

4.7b Of the reasons you selected, which one is most important 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
Create green jobs and a stronger economy (%)	-	-	-	-	-	-	-	-	-
Help free us from dependence on foreign oil (%)	-	-	-	-	-	-	-	-	-
Help prevent extreme weather events (%)	-	-	-	-	-	-	-	-	-
Improve our national security (%)	-	-	-	-	-	-	-	-	-
Improve people's health (%)	-	-	-	-	-	-	-	-	-
Prevent the destruction of most life on the planet (%)	-	-	-	-	-	-	-	-	-
Protect God's creation (%)	-	-	-	-	-	-	-	-	-
Protect my own health and wellbeing (%)	-	-	-	-	-	-	-	-	-
Provide a better life for our children and grandchildren (%)	-	-	-	-	-	-	-	-	-
Save many people around the world from poverty and starvation (%)	-	-	-	-	-	-	-	-	-
Save many plant and animal species from extinction (%)	-	-	-	-	-	-	-	-	-
Not applicable, because global warming isn't happening (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-
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
Create green jobs and a stronger economy (%)	-	-	-	-	-	-	3	-	1
Help free us from dependence on foreign oil (%)	-	-	-	-	-	-	4	-	3
Help prevent extreme weather events (%)	-	-	-	-	-	-	6	-	8
Improve our national security (%)	-	-	-	-	-	-	2	-	1
Improve people's health (%)	-	-	-	-	-	-	5	-	6
Prevent the destruction of most life on the planet (%)	-	-	-	-	-	-	16	-	16
Protect God's creation (%)	-	-	-	-	-	-	13	-	12
Protect my own health and wellbeing (%)	-	-	-	-	-	-	3	-	3
Provide a better life for our children and grandchildren (%)	-	-	-	-	-	-	24	-	24
Save many people around the world from poverty and starvation (%)	-	-	-	-	-	-	4	-	4
Save many plant and animal species from extinction (%)	-	-	-	-	-	-	7	-	6
Not applicable, because global warming isn't happening (%)	-	-	-	-	-	-	11	-	12
None chosen (%)	-	-	-	-	-	-	2	-	3
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
Create green jobs and a stronger economy (%)	-	-	-	-	-	-	-	-	-
Help free us from dependence on foreign oil (%)	-	-	-	-	-	-	-	-	-
Help prevent extreme weather events (%)	-	-	-	-	-	-	-	-	-
Improve our national security (%)	-	-	-	-	-	-	-	-	-
Improve people's health (%)	-	-	-	-	-	-	-	-	-
Prevent the destruction of most life on the planet (%)	-	-	-	-	-	-	-	-	-
Protect God's creation (%)	-	-	-	-	-	-	-	-	-
Protect my own health and wellbeing (%)	-	-	-	-	-	-	-	-	-
Provide a better life for our children and grandchildren (%)	-	-	-	-	-	-	-	-	-
Save many people around the world from poverty and starvation (%)	-	-	-	-	-	-	-	-	-
Save many plant and animal species from extinction (%)	-	-	-	-	-	-	-	-	-
Not applicable, because global warming isn't happening (%)	-	-	-	-	-	-	-	-	-
None chosen (%)	-	-	-	-	-	-	-	-	-
No response (%)	-	-	-	-	-	-	-	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Create green jobs and a stronger economy (%)	-	-	2
Help free us from dependence on foreign oil (%)	-	-	3
Help prevent extreme weather events (%)	-	-	10
Improve our national security (%)	-	-	1
Improve people's health (%)	-	-	4
Prevent the destruction of most life on the planet (%)	-	-	18
Protect God's creation (%)	-	-	9
Protect my own health and wellbeing (%)	-	-	3
Provide a better life for our children and grandchildren (%)	-	-	23
Save many people around the world from poverty and starvation (%)	-	-	6
Save many plant and animal species from extinction (%)	-	-	6
Not applicable, because global warming isn't happening (%)	-	-	12
None chosen (%)	-	-	3
No response (%)	-	-	-

5.1 Please indicate how strongly you agree or disagree with the following statement:

It's already too late to do anything 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
Strongly agree (%)	-	-	-	-	-	-	-	-	-
Somewhat agree (%)	-	-	-	-	-	-	-	-	-
Somewhat disagree (%)	-	-	-	-	-	-	-	-	-
Strongly disagree (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
Prefer not to answer (%)	-	-	-	-	-	-	-	-	-
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
Strongly agree (%)	-	-	-	-	-	-	-	-	-
Somewhat agree (%)	-	-	-	-	-	-	-	-	-
Somewhat disagree (%)	-	-	-	-	-	-	-	-	-
Strongly disagree (%)	-	-	-	-	-	-	-	-	-
Don't know (%)	-	-	-	-	-	-	-	-	-
Prefer not to answer (%)	-	-	-	-	-	-	-	-	-
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
Strongly agree (%)	2	3	3	2	3	3	3	4	3
Somewhat agree (%)	12	9	9	9	11	9	10	13	10
Somewhat disagree (%)	28	25	28	24	24	25	26	22	26
Strongly disagree (%)	38	39	38	44	44	38	41	39	34
Don't know (%)	15	17	16	14	15	18	15	17	19
Prefer not to answer (%)	4	5	5	6	3	5	5	5	6
No response (%)	1	1	1	0	0	1	1	1	1

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Strongly agree (%)	2	4	2
Somewhat agree (%)	11	9	10
Somewhat disagree (%)	29	27	26
Strongly disagree (%)	38	33	37
Don't know (%)	15	23	18
Prefer not to answer (%)	5	4	6
No response (%)	1	1	1

YALE PROGRAM ON
Climate Change
Communication

GEORGE MASON UNIVERSITY
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COMMUNICATION

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

The actions of a single individual won't make any difference in 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 (%)	9	15	13	14	11	18	19	16	17
Somewhat agree (%)	22	27	28	29	29	25	28	29	31
Somewhat disagree (%)	44	35	41	34	40	34	34	35	34
Strongly disagree (%)	24	16	15	18	13	21	19	19	16
No response (%)	2	6	3	6	7	2	1	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 (%)	15	19	17	-	15	-	17	15	15
Somewhat agree (%)	32	29	33	-	31	-	26	26	29
Somewhat disagree (%)	34	32	33	-	32	-	37	37	36
Strongly disagree (%)	17	20	17	-	22	-	20	22	20
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
Strongly agree (%)	-	15	-	-	-	16	14	-	-
Somewhat agree (%)	-	25	-	-	-	24	25	-	-
Somewhat disagree (%)	-	37	-	-	-	38	38	-	-
Strongly disagree (%)	-	23	-	-	-	21	23	-	-
No response (%)	-	0	-	-	-	0	-	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Strongly agree (%)	16	18	17
Somewhat agree (%)	26	29	29
Somewhat disagree (%)	38	35	33
Strongly disagree (%)	19	18	20
No response (%)	1	0	1

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

New technologies can solve global warming without individuals having to make big changes in their lives

	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	5	6	7	6	6	5	5	6
Somewhat agree (%)	25	40	31	37	37	29	34	32	32
Somewhat disagree (%)	44	32	38	31	35	35	35	35	34
Strongly disagree (%)	24	18	20	20	15	27	25	25	26
No response (%)	3	6	4	5	7	2	1	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 (%)	4	6	6	-	8	-	7	-	8
Somewhat agree (%)	29	35	33	-	36	-	37	-	38
Somewhat disagree (%)	39	33	36	-	33	-	37	-	33
Strongly disagree (%)	27	26	25	-	22	-	19	-	21
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
Strongly agree (%)	-	10	12	7	-	8	9	10	-
Somewhat agree (%)	-	39	36	39	-	38	39	37	-
Somewhat disagree (%)	-	33	31	34	-	32	33	30	-
Strongly disagree (%)	-	18	21	19	-	22	19	22	-
No response (%)	-	0	0	0	-	1	0	0	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Strongly agree (%)	6	-	8
Somewhat agree (%)	37	-	40
Somewhat disagree (%)	36	-	32
Strongly disagree (%)	20	-	19
No response (%)	1	-	1

6.1a 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
Unweighted Base	1,011	1,033	1,031
Global warming is affecting weather in the United States (%)	65	61	66
Global warming is not affecting weather in the United States (%)	7	7	6
Global warming isn't happening (%)	9	9	8
Don't know (%)	15	18	15
Prefer not to answer (%)	3	4	4
No response (%)	1	1	0

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6.1b 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
Unweighted Base	1,011	1,033	1,031
A lot (%)	33	33	36
Some (%)	25	22	22
A little (%)	5	4	6
Don't know (%)	2	1	2
Prefer not to answer (%)	0	-	-
No response (%)	0	0	-
Not applicable (%)	35	39	34

6.2 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
Unweighted Base	1,011	1,033	1,031
A lot (%)	42	41	42
Some (%)	22	20	22
A little (%)	12	14	10
Not at all (%)	13	12	12
Don't know (%)	11	12	12
No response (%)	1	1	1

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

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

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

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

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

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
Unweighted Base	1,011	1,033	1,031
A lot (%)	32	29	29
Some (%)	26	24	26
A little (%)	10	11	13
Not at all (%)	17	18	15
Don't know (%)	14	17	16
No response (%)	1	1	1

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

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

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

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

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

Reduced snow pack

	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
Unweighted Base	1,011	1,033	1,031
A lot (%)	29	29	32
Some (%)	21	18	20
A little (%)	13	14	11
Not at all (%)	16	14	15
Don't know (%)	21	24	21
No response (%)	1	1	1

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

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
Unweighted Base	1,011	1,033	1,031
A lot (%)	37	33	35
Some (%)	22	21	24
A little (%)	13	13	11
Not at all (%)	14	16	14
Don't know (%)	13	16	16
No response (%)	1	1	1

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

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

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

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

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

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

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

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
Unweighted Base	1,011	1,033	1,031
A lot (%)	21	19	22
Some (%)	26	25	25
A little (%)	13	14	14
Not at all (%)	19	19	18
Don't know (%)	19	22	20
No response (%)	1	1	1

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

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

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6.3 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
Unweighted Base	1,011	1,033	1,031
High risk (%)	18	16	18
Moderate risk (%)	38	36	38
Low risk (%)	32	34	30
No risk (%)	6	7	6
Don't know (%)	6	7	8
No response (%)	-	0	0

6.4 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
Unweighted Base	1,011	1,033	1,031
Very worried (%)	21	18	19
Moderately worried (%)	24	23	26
A little worried (%)	28	29	30
Not at all worried (%)	27	29	23
No response (%)	1	1	1

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

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
Unweighted Base	1,011	1,033	1,031
Very worried (%)	9	7	10
Moderately worried (%)	17	16	22
A little worried (%)	31	35	31
Not at all worried (%)	43	42	36
No response (%)	0	0	1

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

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
Unweighted Base	1,011	1,033	1,031
Very worried (%)	12	9	11
Moderately worried (%)	14	15	21
A little worried (%)	24	28	29
Not at all worried (%)	49	48	38
No response (%)	0	0	1

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

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

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

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

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

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

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

Reduced snow pack

	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
Unweighted Base	1,011	1,033	1,031
Very worried (%)	6	7	7
Moderately worried (%)	11	10	16
A little worried (%)	19	20	23
Not at all worried (%)	64	62	53
No response (%)	0	1	1

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

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

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

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
Unweighted Base	1,011	1,033	1,031
Very worried (%)	8	7	10
Moderately worried (%)	18	18	26
A little worried (%)	35	39	35
Not at all worried (%)	39	36	28
No response (%)	1	0	0

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

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
Unweighted Base	1,011	1,033	1,031
Very worried (%)	10	8	11
Moderately worried (%)	16	17	18
A little worried (%)	31	30	30
Not at all worried (%)	43	44	41
No response (%)	1	0	1

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

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
Unweighted Base	1,011	1,033	1,031
Very worried (%)	17	14	15
Moderately worried (%)	22	24	28
A little worried (%)	34	35	34
Not at all worried (%)	27	26	22
No response (%)	1	1	1

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

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
Unweighted Base	1,011	1,033	1,031
Very worried (%)	16	13	17
Moderately worried (%)	21	21	30
A little worried (%)	35	34	32
Not at all worried (%)	27	32	21
No response (%)	0	1	1

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

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
Unweighted Base	1,011	1,033	1,031
Very worried (%)	13	11	14
Moderately worried (%)	22	24	28
A little worried (%)	37	39	37
Not at all worried (%)	28	26	20
No response (%)	1	0	1

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6.5 Wildfires have increased around the world over the past few years as a result 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 (%)	-	-	-	-	-	-	-	-	-
Somewhat agree (%)	-	-	-	-	-	-	-	-	-
Somewhat disagree (%)	-	-	-	-	-	-	-	-	-
Strongly disagree (%)	-	-	-	-	-	-	-	-	-
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
Strongly agree (%)	-	-	-	-	-	-	-	-	-
Somewhat agree (%)	-	-	-	-	-	-	-	-	-
Somewhat disagree (%)	-	-	-	-	-	-	-	-	-
Strongly disagree (%)	-	-	-	-	-	-	-	-	-
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
Strongly agree (%)	-	-	-	28	33	29	38	31	32
Somewhat agree (%)	-	-	-	38	32	36	33	34	35
Somewhat disagree (%)	-	-	-	18	18	17	14	18	13
Strongly disagree (%)	-	-	-	15	16	18	15	17	19
No response (%)	-	-	-	0	-	1	0	0	1

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Strongly agree (%)	-	-	28
Somewhat agree (%)	-	-	40
Somewhat disagree (%)	-	-	15
Strongly disagree (%)	-	-	16
No response (%)	-	-	1

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7.1 In your opinion, do you think global warming is…

An environmental issue

	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 (%)	-	-	76	77	78	76	-	78	74
Not sure (%)	-	-	12	11	12	11	-	10	14
No (%)	-	-	11	11	10	11	-	11	11
No response (%)	-	-	1	1	1	1	-	2	2

	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 (%)	-	75	-	82	80	-	79	-	-
Not sure (%)	-	11	-	8	6	-	9	-	-
No (%)	-	13	-	9	13	-	11	-	-
No response (%)	-	1	-	1	1	-	1	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	77
Not sure (%)	-	-	11
No (%)	-	-	12
No response (%)	-	-	0

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Climate Change
Communication

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- In your opinion, do you think global warming is…

A moral issue

	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 (%)	-	-	35	41	39	37	-	41	41
Not sure (%)	-	-	19	19	19	17	-	15	20
No (%)	-	-	44	39	41	45	-	42	36
No response (%)	-	-	2	1	1	1	-	2	2

	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 (%)	-	38	-	50	47	-	49	-	-
Not sure (%)	-	17	-	16	14	-	14	-	-
No (%)	-	44	-	33	38	-	35	-	-
No response (%)	-	1	-	1	0	-	2	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	44
Not sure (%)	-	-	17
No (%)	-	-	38
No response (%)	-	-	0

YALE PROGRAM ON
Climate Change
Communication

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COMMUNICATION

- In your opinion, do you think global warming is…

A religious issue

	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 (%)	-	-	10	12	10	8	-	9	13
Not sure (%)	-	-	18	20	17	17	-	12	20
No (%)	-	-	71	67	71	73	-	77	64
No response (%)	-	-	2	1	1	1	-	2	3

	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 (%)	-	9	-	9	10	-	11	-	-
Not sure (%)	-	15	-	14	10	-	11	-	-
No (%)	-	75	-	77	79	-	77	-	-
No response (%)	-	1	-	0	1	-	1	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	9
Not sure (%)	-	-	14
No (%)	-	-	75
No response (%)	-	-	1

- In your opinion, do you think global warming is...

A social justice (fairness) issue

	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 (%)	-	-	23	27	23	24	-	26	29
Not sure (%)	-	-	22	25	25	22	-	20	24
No (%)	-	-	53	46	51	52	-	51	46
No response (%)	-	-	2	1	1	1	-	2	2

	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 (%)	-	24	-	29	33	-	34	-	-
Not sure (%)	-	19	-	22	16	-	19	-	-
No (%)	-	56	-	48	51	-	46	-	-
No response (%)	-	1	-	1	1	-	1	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	29
Not sure (%)	-	-	18
No (%)	-	-	52
No response (%)	-	-	0

- In your opinion, do you think global warming is…

A political issue

	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 (%)	-	-	54	56	56	56	-	60	58
Not sure (%)	-	-	17	17	16	15	-	14	17
No (%)	-	-	27	26	27	28	-	24	23
No response (%)	-	-	2	1	1	1	-	2	2

	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 (%)	-	57	-	60	61	-	60	-	-
Not sure (%)	-	14	-	13	11	-	11	-	-
No (%)	-	28	-	27	28	-	27	-	-
No response (%)	-	1	-	0	0	-	1	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	58
Not sure (%)	-	-	13
No (%)	-	-	28
No response (%)	-	-	1

YALE PROGRAM ON
Climate Change
Communication

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COMMUNICATION

- In your opinion, do you think global warming is…

A scientific issue

	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 (%)	-	-	71	73	71	70	-	71	68
Not sure (%)	-	-	15	14	14	14	-	13	16
No (%)	-	-	13	13	14	15	-	15	14
No response (%)	-	-	2	1	1	1	-	2	2

	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 (%)	-	69	-	74	73	-	74	-	-
Not sure (%)	-	13	-	11	9	-	10	-	-
No (%)	-	17	-	14	18	-	15	-	-
No response (%)	-	1	-	1	1	-	2	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	68
Not sure (%)	-	-	16
No (%)	-	-	16
No response (%)	-	-	0

- In your opinion, do you think global warming is…

A health issue

	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 (%)	-	-	58	62	61	62	-	62	60
Not sure (%)	-	-	17	16	16	15	-	13	17
No (%)	-	-	23	21	22	22	-	23	21
No response (%)	-	-	2	1	1	1	-	2	2

	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 (%)	-	58	-	60	62	-	64	-	-
Not sure (%)	-	14	-	14	11	-	13	-	-
No (%)	-	27	-	25	25	-	22	-	-
No response (%)	-	1	-	1	1	-	1	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	59
Not sure (%)	-	-	15
No (%)	-	-	26
No response (%)	-	-	1

YALE PROGRAM ON
Climate Change
Communication

GEORGE MASON UNIVERSITY
CENTER for CLIMATE CHANGE
COMMUNICATION

- In your opinion, do you think global warming is…

An economic issue

	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 (%)	-	-	60	63	61	60	-	60	57
Not sure (%)	-	-	16	17	15	16	-	15	19
No (%)	-	-	22	19	23	23	-	23	22
No response (%)	-	-	2	1	1	1	-	2	2

	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 (%)	-	54	-	64	66	-	66	-	-
Not sure (%)	-	15	-	14	11	-	12	-	-
No (%)	-	29	-	22	23	-	20	-	-
No response (%)	-	1	-	1	0	-	2	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	60
Not sure (%)	-	-	16
No (%)	-	-	24
No response (%)	-	-	1

- In your opinion, do you think global warming is…

A national security issue

	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 (%)	-	-	26	23	26	27	-	29	25
Not sure (%)	-	-	20	26	21	19	-	19	24
No (%)	-	-	53	50	51	53	-	50	49
No response (%)	-	-	1	1	1	1	-	2	2

	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 (%)	-	27	-	31	35	-	35	-	-
Not sure (%)	-	17	-	19	14	-	17	-	-
No (%)	-	55	-	49	50	-	47	-	-
No response (%)	-	1	-	1	1	-	1	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	29
Not sure (%)	-	-	21
No (%)	-	-	49
No response (%)	-	-	1

- In your opinion, do you think global warming is…

An agricultural (farming, food) issue

	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 (%)	-	-	64	65	62	65	-	66	62
Not sure (%)	-	-	16	16	15	15	-	14	16
No (%)	-	-	19	17	22	20	-	19	19
No response (%)	-	-	2	1	1	1	-	1	2

	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 (%)	-	63	-	67	68	-	66	-	-
Not sure (%)	-	14	-	13	9	-	11	-	-
No (%)	-	22	-	19	22	-	21	-	-
No response (%)	-	1	-	0	0	-	1	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	65
Not sure (%)	-	-	15
No (%)	-	-	19
No response (%)	-	-	1

- In your opinion, do you think global warming is…

A poverty issue

	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 (%)	-	-	24	25	27	25	-	28	28
Not sure (%)	-	-	21	24	22	20	-	18	23
No (%)	-	-	53	50	51	54	-	52	47
No response (%)	-	-	2	1	1	1	-	2	2

	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 (%)	-	29	-	32	34	-	37	-	-
Not sure (%)	-	16	-	17	15	-	17	-	-
No (%)	-	54	-	50	51	-	44	-	-
No response (%)	-	1	-	1	0	-	1	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	33
Not sure (%)	-	-	19
No (%)	-	-	48
No response (%)	-	-	1

- In your opinion, do you think global warming is…

A severe weather issue

	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 (%)	-	-	-	-	63	61	-	65	61
Not sure (%)	-	-	-	-	17	15	-	15	17
No (%)	-	-	-	-	19	23	-	19	19
No response (%)	-	-	-	-	1	1	-	1	2

	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 (%)	-	64	-	64	66	-	69	-	-
Not sure (%)	-	13	-	13	11	-	10	-	-
No (%)	-	21	-	22	23	-	19	-	-
No response (%)	-	1	-	0	0	-	1	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	65
Not sure (%)	-	-	15
No (%)	-	-	19
No response (%)	-	-	0

- In your opinion, do you think global warming is…

A humanitarian issue

	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 (%)	-	51	-	61	58	-	60	-	-
Not sure (%)	-	15	-	15	13	-	14	-	-
No (%)	-	33	-	24	29	-	25	-	-
No response (%)	-	1	-	1	0	-	1	-	-

	Apr 2023	Oct 2023	Apr 2024
Unweighted Base	1,011	1,033	1,031
Yes (%)	-	-	55
Not sure (%)	-	-	18
No (%)	-	-	26
No response (%)	-	-	1

Appendix II: Survey Method

The data in this report are based on a nationally representative survey of 1,031 American adults, aged 18 and older. The survey was conducted April 25 –May 4, 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, 289 respondents participated in a previous CCAM survey.

The survey instrument was designed by Anthony Leiserowitz, Seth Rosenthal, Jennifer Carman, Marija Verner, Matthew Ballew, Sanguk Lee, Matthew Goldberg, and Jennifer Marlon of Yale University, and Edward Maibach, John Kotcher, Teresa Myers, Nicholas Badullovich, 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.

- 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%).

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Appendix III: Sample Demographics

	n (unweighted)	% (weighted)
Total	1,031	100
Female	524	51
Male	507	49
Generation Z (1997 -)	89	11
Millennials (1981 - 1996)	238	27
Generation X (1965 - 1980)	252	26
Baby Boomers (1946 - 1964)	363	30
Silent (1928 - 1945)	89	7
Less than high school	66	9
High school	276	29
Some college	262	26
Bachelor's degree or higher	427	35
<$25K	108	11
$25K-<$50K	145	15
$50K-<$75K	149	15
$75K-<$100K	131	13
$100K-<$125K	122	12
$125K+	376	34
White, Non-Hispanic	698	61
Black, Non-Hispanic	95	12
Hispanic	143	17
2+ Races, Non-Hispanic	42	2
Other, Non-Hispanic	53	8
Northeast	201	17
Midwest	222	20
South	366	39
West	242	24

YALE PROGRAM ON
Climate Change
Communication

GEORGE MASON UNIVERSITY
CENTER *for* CLIMATE CHANGE
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