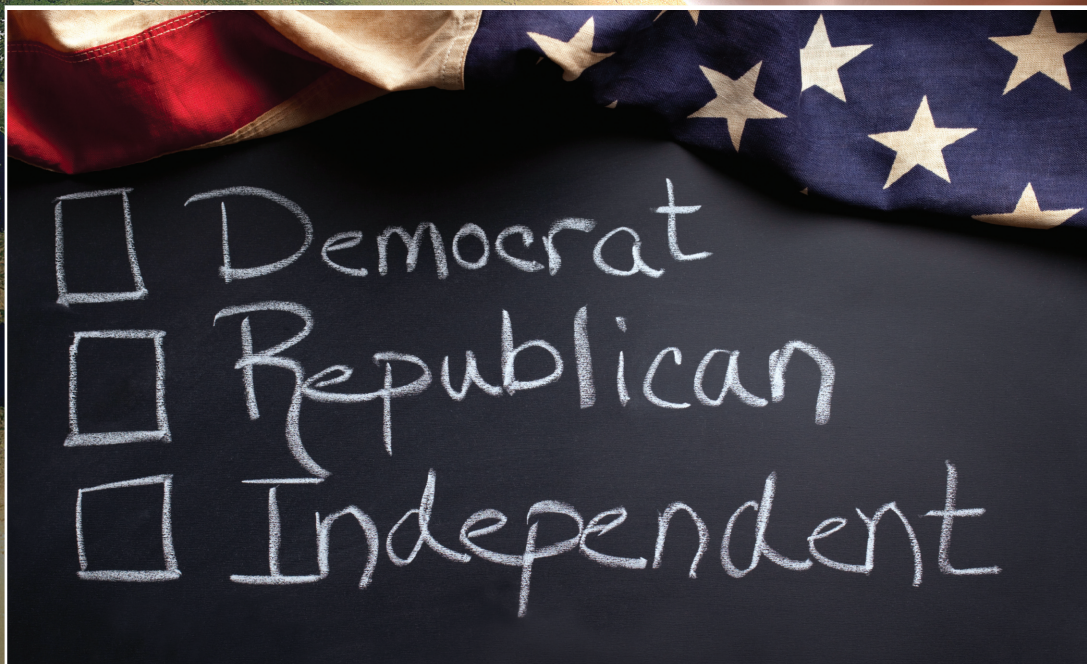


CLIMATE CHANGE
IN THE AMERICAN MIND

Politics & Policy

DECEMBER 2022



YALE PROGRAM ON
Climate Change
Communication



GEORGE MASON UNIVERSITY
CENTER for CLIMATE CHANGE
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Table of Contents

Introduction	2
Reading Notes	3
Executive Summary	4
1. Global Warming as a Voting Issue	7
2. Global Warming and Clean Energy as Government Priorities	8
3. Support for Policies to Reduce the Pollution that Causes Global Warming	10
4. Special Section: The Inflation Reduction Act (IRA)	20
5. Who Should Take Action to Address Global Warming?	28
6. Political Actions to Limit Global Warming	31
7. Collective Efficacy	36
8. Educating Students About Global Warming	38
Appendix I: Data Tables	40
Appendix II: Survey Method	67
Appendix III: Sample Demographics	69



Introduction

This report is based on findings from a nationally representative survey – *Climate Change in the American Mind* – conducted jointly by the [Yale Program on Climate Change Communication](#) and the [George Mason University Center for Climate Change Communication](#). Interview dates: December 2 – 12, 2022. Interviews: 1,085 adults (18+), 938 of whom are registered to vote. Average margin of error for registered voters: +/- 3 percentage points at the 95% confidence level. The research was funded by the 11th Hour Project, the Energy Foundation, the MacArthur Foundation, the Heising-Simons Foundation, and the Grantham Foundation.

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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.

Cite as:

Leiserowitz, A., Maibach, E., Rosenthal, S., Kotcher, J., Carman, J., Lee, S., Verner, M., Ballew, M., Ansah, P., Badullovich, N., Myers, T., Goldberg, M., & Marlon, J. (2023). *Climate Change in the American Mind: Politics & Policy, December 2022*. Yale University and George Mason University. New Haven, CT: Yale Program on Climate Change Communication.



Reading Notes

- This report includes only registered voters.
- References to Republicans and Democrats throughout include respondents who initially identify as either a Republican or Democrat, as well as those who do not initially identify as a Republican or Democrat but who say they “are closer to” one of those parties (i.e., “leaners”) in a follow-up question. The category “Independents” does not include any of these “leaners.”
- For tabulation purposes, percentage points are rounded to the nearest whole number. As a result, percentages in a given chart may total slightly higher or lower than 100%. Summed response categories (e.g., “strongly support” + “somewhat support”) 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, is 51%).
- Weighted percentages among registered voters of each of the groups discussed in this report:
 - Democrats (total) including leaners: 48%
 - Liberal Democrats: 27%
 - Moderate/Conservative Democrats: 21%
 - (Moderate Democrats: 19%; Conservative Democrats: 3%)
 - Republicans (total) including leaners: 39%
 - Liberal/Moderate Republicans: 12%
 - (Liberal Republicans: 1%; Moderate Republicans: 12%)
 - Conservative Republicans: 27%
 - Independents excluding leaners: 8% (included in the results reported for “All Registered Voters” only)
 - No party/Not interested in politics/No response: 4% (included in the results reported for “All Registered Voters” only)
- The full text of all survey items can be found in the data tables.



Executive Summary

Drawing on a representative sample of the U.S. adult population ($n = 1,085$; including the 938 registered voters whose data are included in this report), these findings describe how registered voters view a variety of domestic climate and energy policies. The survey was fielded from December 2 – 12, 2022.

It is important to note that this survey was conducted just after the 2022 U.S. congressional elections, which resulted in the Republican Party taking the majority in the U.S. House of Representatives and the Democratic Party increasing their majority in the U.S. Senate.

This executive summary presents the results for all registered voters, while the main text of the report also breaks the results down by political party and ideology.

Global Warming as a Voting Issue

- More than four in ten registered voters (45%) who voted in the 2022 election say global warming was either “the single most important issue” (2%) or “one of several important issues” (43%) to them when they decided how they would vote.

Global Warming and Clean Energy as Government Priorities

- 52% of registered voters say global warming should be a high or very high priority for the president and Congress.
- 65% of registered voters say developing sources of clean energy should be a high or very high priority for the president and Congress.

Support for Policies to Reduce the Pollution that Causes Global Warming

Majorities of registered voters support a range of policies to reduce carbon pollution and promote clean energy. These include:

- 79% support funding more research into renewable energy sources.
- 78% support providing federal funding to make residential buildings in low-income communities more energy efficient.
- 76% support providing tax incentives or rebates to homeowners, landlords, and businesses to purchase appliances that can be powered without burning fossil fuels.
- 75% support providing tax rebates to people who purchase energy-efficient vehicles or solar panels.
- 74% support regulating carbon dioxide as a pollutant.
- 66% support transitioning the U.S. economy (including electric utilities, transportation, buildings, and industry) from fossil fuels to 100% clean energy by 2050.
- 64% support requiring fossil fuel companies to pay a tax on the carbon they produce and using the money to reduce other taxes by an equal amount.
- 62% support requiring electric utilities to produce 100% of their electricity from renewable energy sources by 2035.

Support for Conservation and Restoration Policies

Majorities of registered voters support a range of conservation and restoration policies. These include:

- 84% support federal funding to help farmers improve practices to protect and restore the soil so it absorbs and stores more carbon.
- 78% support creating a jobs program to hire unemployed coal workers to close down old coal mines.
- 78% support creating a jobs program to hire unemployed oil and gas workers to close down abandoned gas wells.
- 68% support increasing federal funding to low-income communities and communities of color who are disproportionately harmed by air and water pollution.

Energy Production

- 79% support generating renewable energy on public land in the U.S.
- 59% support expanding offshore drilling for oil and natural gas off the U.S. coast.
- 56% support drilling for and mining fossil fuels on public land in the U.S.

Building climate-friendly energy production and distribution infrastructure

Many registered voters support building a range of climate-friendly energy production and distribution infrastructure in the U.S. and in their local area. These include:

- Solar farms: 66% support building in the U.S.; 61% support building locally.
- Wind farms: 65% support building in the U.S.; 57% support building locally.
- Electric vehicle charging stations: 59% support building in the U.S.; 58% support building locally.
- High-voltage power lines to distribute clean energy: 58% support building in the U.S.; 54% support building locally.
- Nuclear power plants: 44% support building in the U.S.; 35% support building locally.

Declaring Climate Change a National Emergency

- 55% of registered voters support a U.S. president declaring global warming a national emergency if Congress does not take further action.

The Inflation Reduction Act of 2022 (IRA)

On August 16, 2022, President Biden signed the Inflation Reduction Act (IRA) into law. The law aims to curb inflation, reduce prescription drug prices and the cost of health insurance, modernize the Internal Revenue Service, and invest in U.S. clean energy production. The law will be paid for by closing tax loopholes.

- 43% of registered voters have heard either “a lot” or “some” about the IRA.
- Among registered voters who have heard of the IRA, the most common associations are skepticism, climate/clean energy, and economic benefits.
- After reading a short description of the IRA, 68% of registered voters support it.
- 41% of registered voters think the IRA will increase innovation in clean energy technologies.



- Relatively few registered voters think the IRA will accomplish its other intended goals including reducing global warming (34%), the cost of health care (27%), inflation (24%), electricity power outages (21%), gas prices (20%), or the cost of electricity (18%).
- Fewer than half of registered voters think the IRA will help future generations of people (42%), low-income communities and communities of color (36%), the health of Americans (35%), the economy and jobs in the U.S. (35%), their family (26%), them personally (22%), or national security (17%).

Who Should Act?

- 66% of registered voters say corporations and industry should do more to address global warming.
- Additionally, about half or more also say the following should do more to address global warming: citizens themselves (60%), the Republican Party (60%), the U.S. Congress (58%), their local government officials (54%), their governor (53%), the Democratic Party (53%), the media (51%), President Biden (50%), and they themselves (48%).
- Only 12% of registered voters think the U.S. government is responding well to global warming.

Political Actions to Limit Global Warming

- 49% of registered voters say they would sign a petition about global warming if a person they like and respect asked them to, although only 16% say they have signed such a petition in the past year.
- Fewer say they would take other actions if a person they like and respect asked them to, including 31% who would donate money to an organization working on global warming (compared with 11% who say they have actually done so in the past year), 30% who would volunteer their time to an organization working on global warming (compared with 5% who say they have done so in the past year), and 26% who would contact government officials about global warming (compared with 8% who say they have done so in the past year).
- 25% say they would support an organization engaging in non-violent civil disobedience against corporate or government activities that make global warming worse, 14% say they would *personally* engage in non-violent civil disobedience, and 4% say they would be willing to get arrested as part of such an action.
- 1% say they are currently participating in a campaign to convince elected officials to take action to reduce global warming, while 7% say they would “definitely” join such a campaign and 19% say they would “probably” join one.

Collective Efficacy

- 42% of registered voters are at least “moderately confident” that people like them, working together, can affect what the federal government does about global warming; 35% are at least “moderately confident” that people like them, working together, can affect what corporations do about global warming.

Educating Students About Global Warming

- 75% of registered voters say that schools should teach children about the causes and consequences of global warming, and potential solutions.



1. Global Warming as a Voting Issue

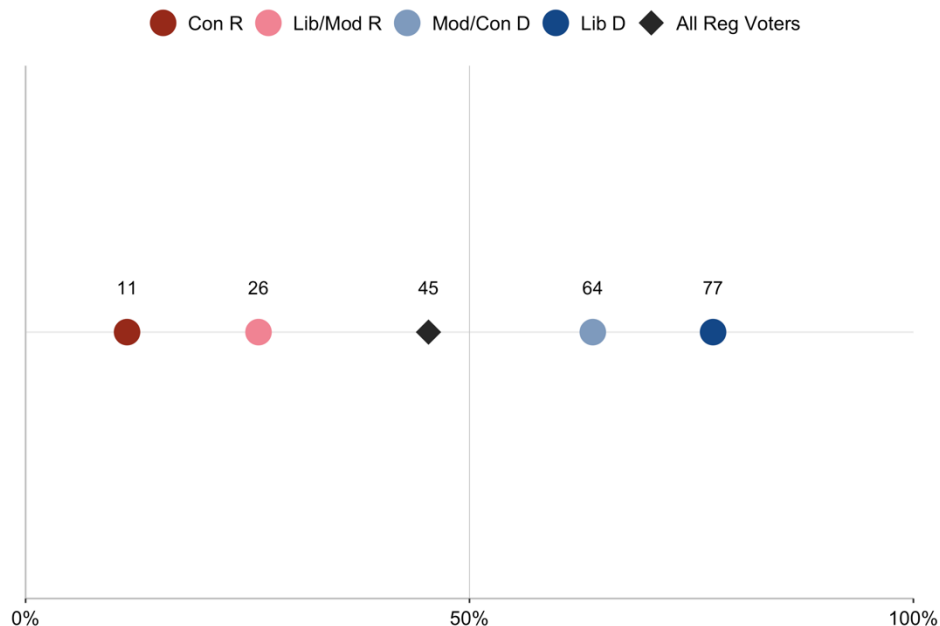
1.1. Many 2022 voters say global warming was an important issue in deciding how they would vote.

A total of 45% of registered voters who voted in the 2022 election¹ say global warming was either “the single most important issue” (2%) or “one of several important issues” (43%) to them when they decided how they would vote. This includes 77% of liberal Democrats (4% “most important issue,” 74% “one of several important issues”) and 64% of moderate/conservative Democrats (3% most important, 61% one of several),

In contrast, no Republicans said global warming was “the single most important issue” to them when they decided how they would vote, while some Republicans (26% of liberal/moderate Republicans and 11% of conservative Republicans) said global warming was “one of several important issues” in their voting decision.

Many 2022 voters say global warming was an important issue in deciding how they would vote

- % “the single most important issue” or “one of several important issues” -



How important was the issue of global warming to you when you decided how you would vote in the November election?

December 2022

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

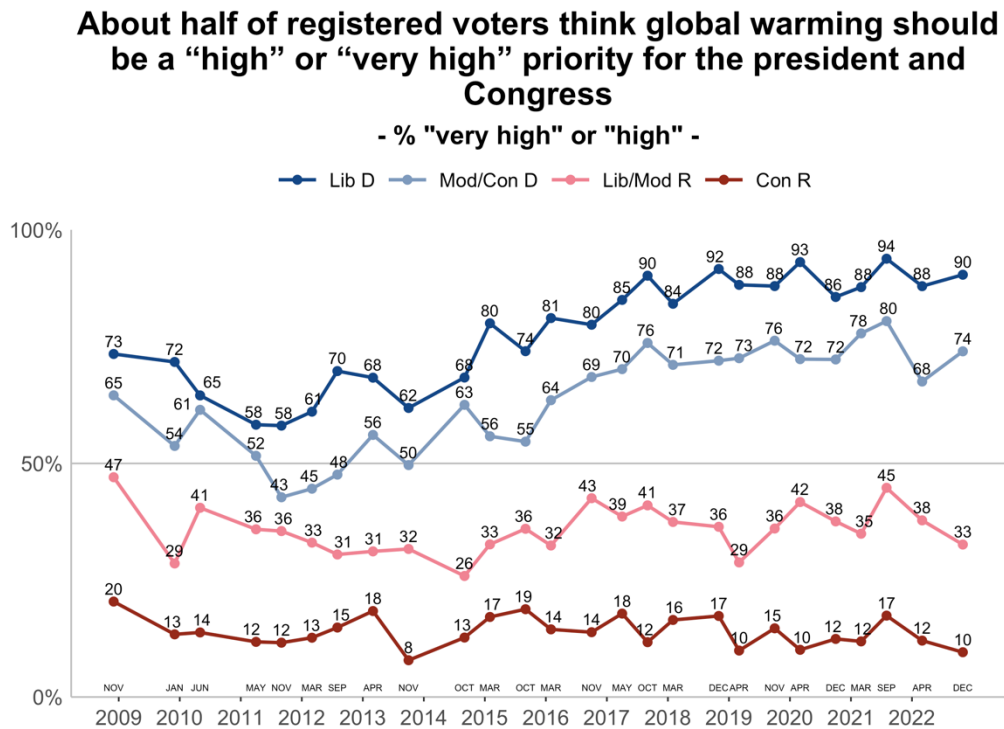
¹ 87% of the registered voters in the sample voted in the 2022 election, while 13% did not and thus did not receive this question. Percentages among all registered voters are included in the data tables, Appendix I, p. 40.



2. Global Warming and Clean Energy as Government Priorities

2.1. About half of registered voters think global warming should be a “high” or “very high” priority for the president and Congress.

About half of registered voters (52%) think global warming should be a high or very high priority for the president and Congress (see data tables, p. 40). This includes a large majority of liberal Democrats (90%), about three in four moderate/conservative Democrats (74%), and one in three liberal/moderate Republicans (33%). Few conservative Republicans (10%) think so.



Do you think the following should be a low, medium, high, or very high priority for the president and Congress? [Global warming]

December 2022

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



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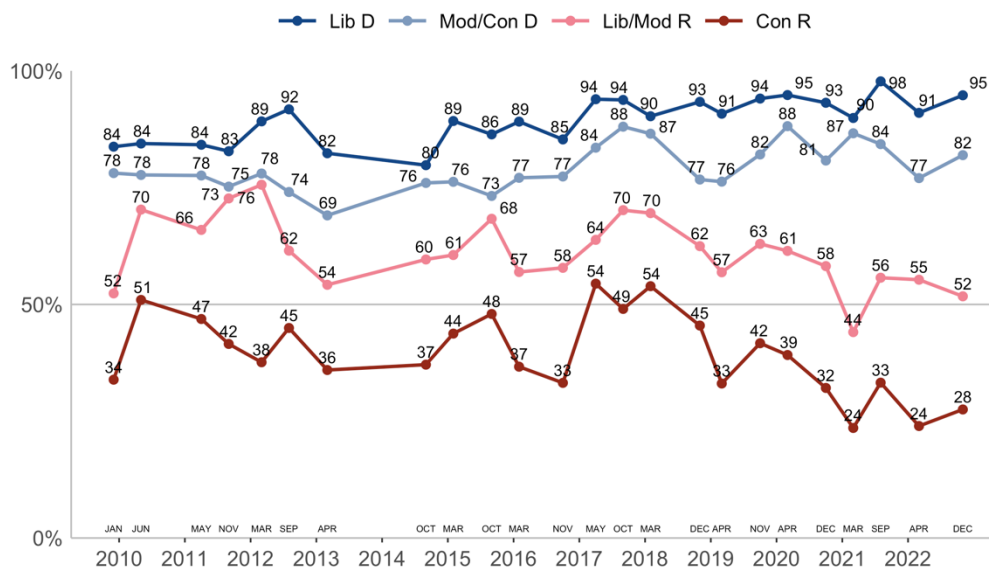


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2.2. Most registered voters think developing sources of clean energy should be a “high” or “very high” priority for the president and Congress.

About two in three registered voters (65%) think developing sources of clean energy should be a high or very high priority for the president and Congress (see data tables, p. 40). This includes large majorities of liberal Democrats (95%) and moderate/conservative Democrats (82%), about half of liberal/moderate Republicans (52%), but only 28% of conservative Republicans.

Most registered voters think developing sources of clean energy should be a "high" or "very high" priority for the president and Congress - % "very high" or "high" -



Do you think the following should be a low, medium, high, or very high priority for the president and Congress? [Developing sources of clean energy]

December 2022

Source: Yale Program on Climate Change Communication;
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3. Support for Policies to Reduce the Pollution that Causes Global Warming

3.1. Most registered voters support climate-friendly energy policies.

Registered voters across the political spectrum support many energy policies designed to reduce carbon pollution and fossil fuel dependence and promote clean energy, including:

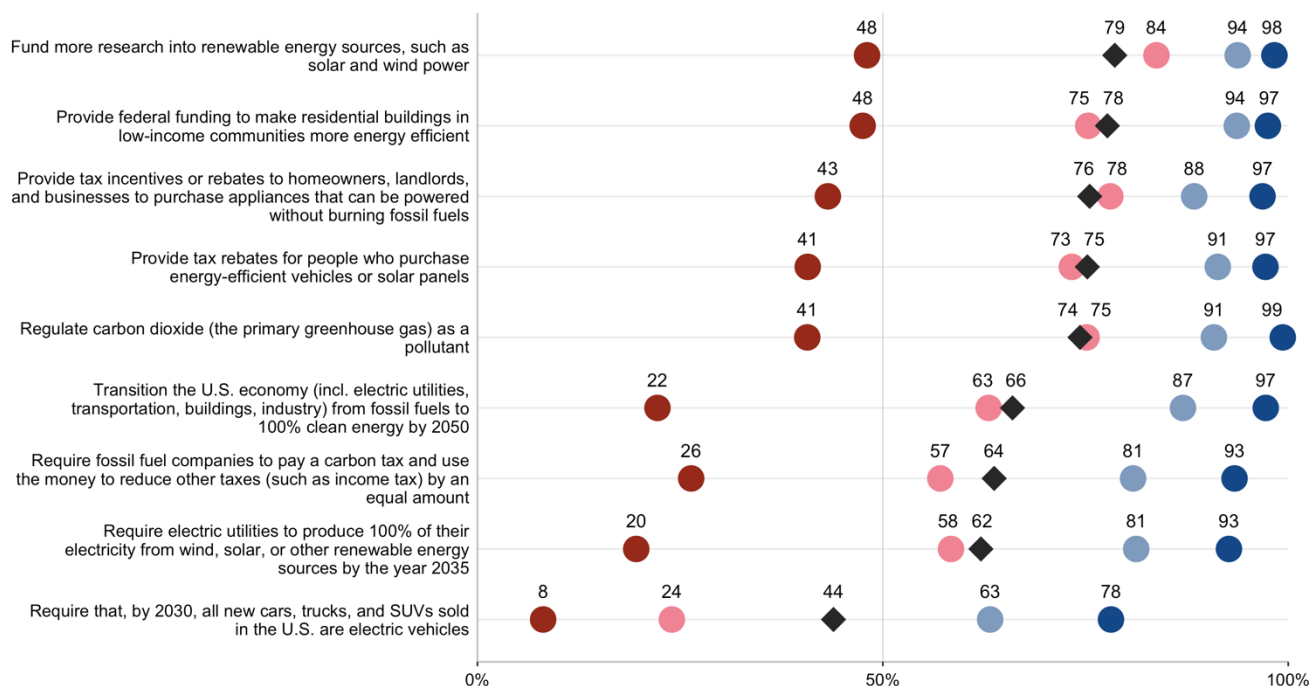
- Funding more research into renewable energy sources: 79% of registered voters; 98% of liberal Democrats, 94% of moderate/conservative Democrats, 84% of liberal/moderate Republicans, and 48% of conservative Republicans.
- Providing federal funding to make residential buildings in low-income communities more energy efficient: 78% of registered voters; 97% of liberal Democrats, 94% of moderate/conservative Democrats, 75% of liberal/moderate Republicans, and 48% of conservative Republicans.
- Providing tax incentives or rebates to homeowners, landlords, and businesses to purchase appliances that can be powered without burning fossil fuels (such as electric water heaters, electric heat pumps, and electric induction cooktops): 76% of registered voters; 97% of liberal Democrats, 88% of moderate/conservative Democrats, 78% of liberal/moderate Republicans, and 43% of conservative Republicans.
- Providing tax rebates to people who purchase energy-efficient vehicles or solar panels: 75% of registered voters; 97% of liberal Democrats, 91% of moderate/conservative Democrats, 73% of liberal/moderate Republicans, and 41% of conservative Republicans.
- Regulating carbon dioxide as a pollutant: 74% of registered voters; 99% of liberal Democrats, 91% of moderate/conservative Democrats, 75% of liberal/moderate Republicans, and 41% of conservative Republicans.
- Transitioning the U.S. economy (including electric utilities, transportation, buildings, and industry) from fossil fuels to 100% clean energy by 2050: 66% of registered voters; 97% of liberal Democrats, 87% of moderate/conservative Democrats, 63% of liberal/moderate Republicans, and 22% of conservative Republicans.
- Requiring fossil fuel companies to pay a carbon tax and using the money to reduce other taxes (such as income tax) by an equal amount [i.e., a revenue-neutral carbon tax]: 64% of registered voters; 93% of liberal Democrats, 81% of moderate/conservative Democrats, 57% of liberal/moderate Republicans, and 26% of conservative Republicans.
- Requiring electric utilities to produce 100% of their electricity from renewable energy sources by 2035: 62% of registered voters; 93% of liberal Democrats, 81% of moderate/conservative Democrats, 58% of liberal/moderate Republicans, and 20% of conservative Republicans.
- Requiring that by 2030, all new cars, trucks, and SUVs sold in the U.S. are electric vehicles: 44% of registered voters; 78% of liberal Democrats, 63% of moderate/conservative Democrats, 24% of liberal/moderate Republicans, and 8% of conservative Republicans.



Most registered voters support climate-friendly energy policies

- % "strongly" or "somewhat" support -

● Con R ● Lib/Mod R ● Mod/Con D ● Lib D ◆ All Reg Voters



How much do you support or oppose the following policies?

December 2022

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

3.2. Most registered voters support conservation and restoration policies.

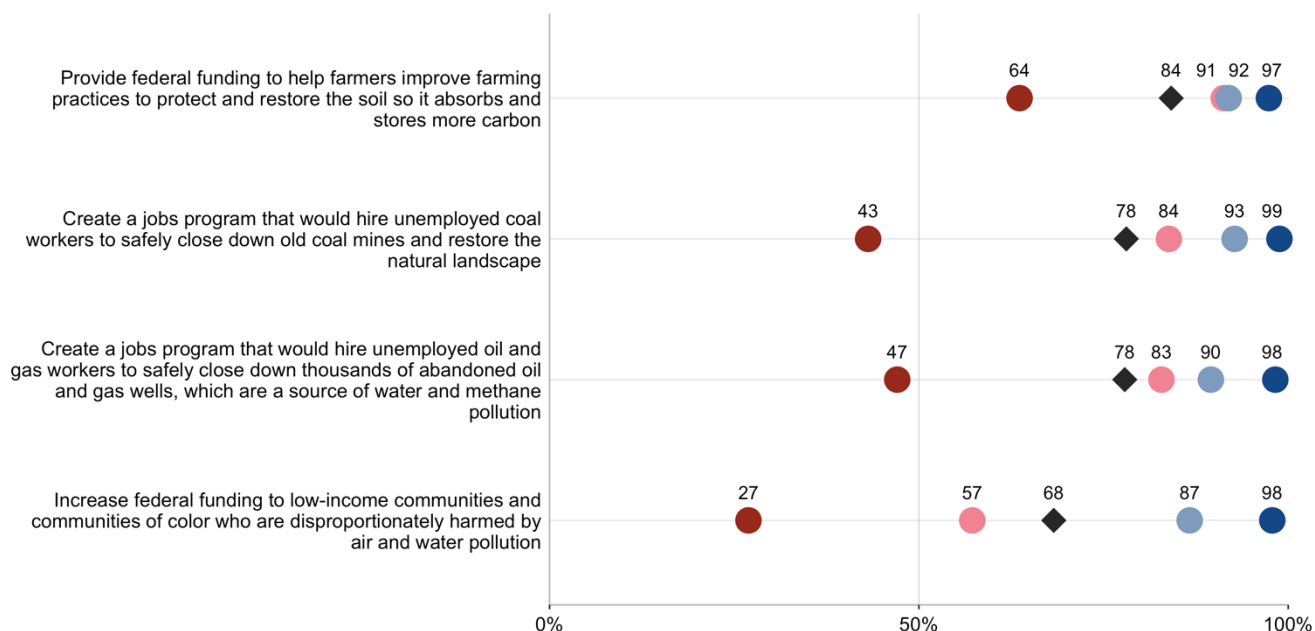
Registered voters across the political spectrum support a range of conservation and restoration policies, including:

- Providing federal funding to help farmers improve practices to protect and restore the soil so it absorbs more carbon: 84% of registered voters; 97% of liberal Democrats, 92% of moderate/conservative Democrats, 91% of liberal/moderate Republicans, and 64% of conservative Republicans.
- Creating a jobs program that would hire unemployed coal workers to safely close down old coal mines and restore the natural landscape: 78% of registered voters; 99% of liberal Democrats, 93% of moderate/conservative Democrats, 84% of liberal/moderate Republicans, and 43% of conservative Republicans.
- Creating a jobs program that would hire unemployed oil and gas workers to safely close down thousands of abandoned oil and gas wells, which are a source of water and methane pollution: 78% of registered voters; 98% of liberal Democrats, 90% of moderate/conservative Democrats, 83% of liberal/moderate Republicans, and 47% of conservative Republicans.
- Increasing federal funding to low-income communities and communities of color who are disproportionately harmed by air and water pollution: 68% of registered voters; 98% of liberal Democrats, 87% of moderate/conservative Democrats, 57% of liberal/moderate Republicans, and 27% of conservative Republicans.

Most registered voters support conservation and restoration policies

- % "strongly" or "somewhat" support -

● Con R ● Lib/Mod R ● Mod/Con D ● Lib D ◆ All Reg Voters



How much do you support or oppose the following policies?

December 2022

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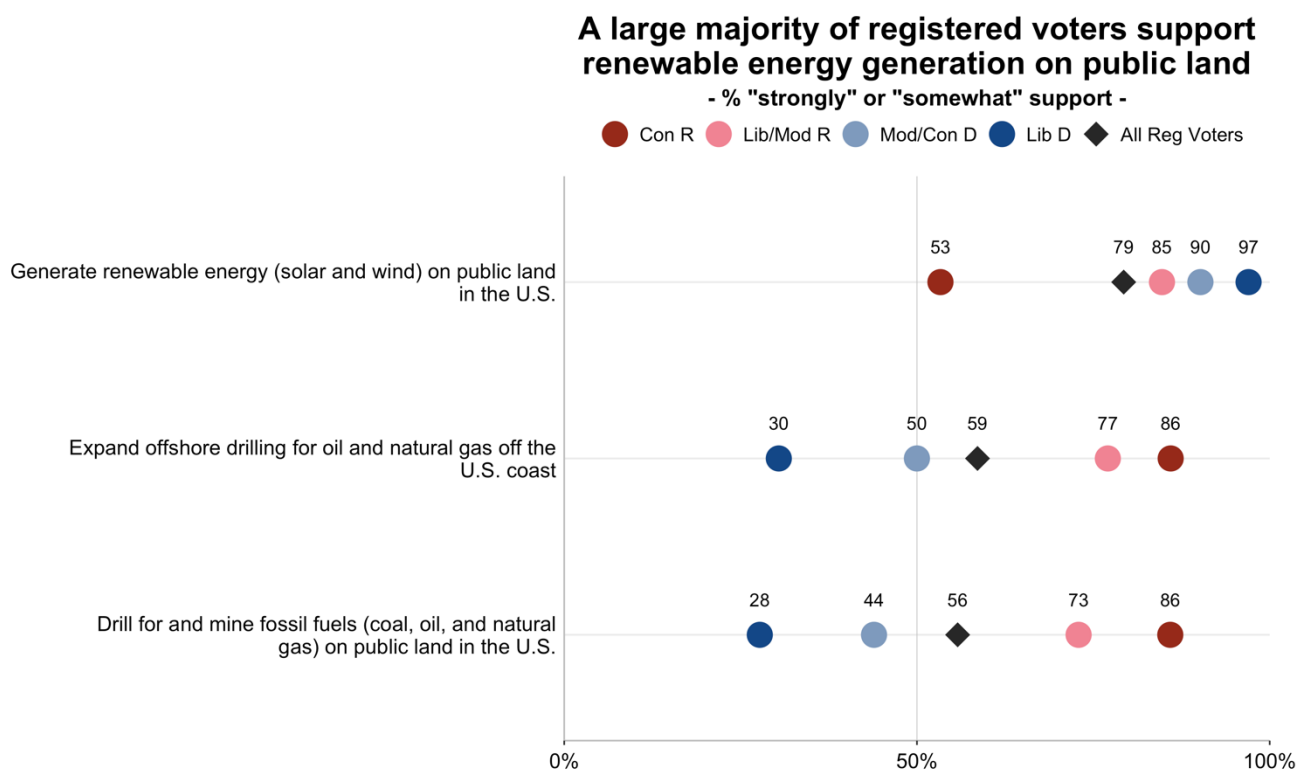
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3.3. A large majority of registered voters support renewable energy generation on public land.

A large majority of registered voters (79%) support generating renewable energy (solar and wind) on public land in the United States. This includes nearly all liberal Democrats (97%) and moderate/conservative Democrats (90%) as well as a large majority of liberal/moderate Republicans (85%) and about half of conservative Republicans (53%).

Smaller majorities of registered voters support fossil-fuel production in the United States, including:

- Expanding offshore drilling for oil and natural gas off the U.S. coast: 59% of registered voters; 86% of conservative Republicans, 77% of liberal/moderate Republicans, 50% of moderate/conservative Democrats, and 30% of liberal Democrats.
- Drilling for and mining fossil fuels (coal, oil, and natural gas) on public land in the U.S.: 56% of registered voters; 86% of conservative Republicans, 73% of liberal/moderate Republicans, 44% of moderate/conservative Democrats, and 28% of liberal Democrats.



How much do you support or oppose the following policies?

December 2022

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3.4. A majority of registered voters support building climate-friendly energy production and distribution infrastructure in the U.S.

Majorities of registered voters support building climate-friendly energy production and distribution infrastructure in the U.S., including solar farms (66%), wind farms (65%), electric vehicle charging stations (59%), and high-voltage power lines to distribute clean energy (58%). These include large majorities of liberal Democrats and moderate/conservative Democrats, and majorities of liberal/moderate Republicans, but fewer conservative Republicans:

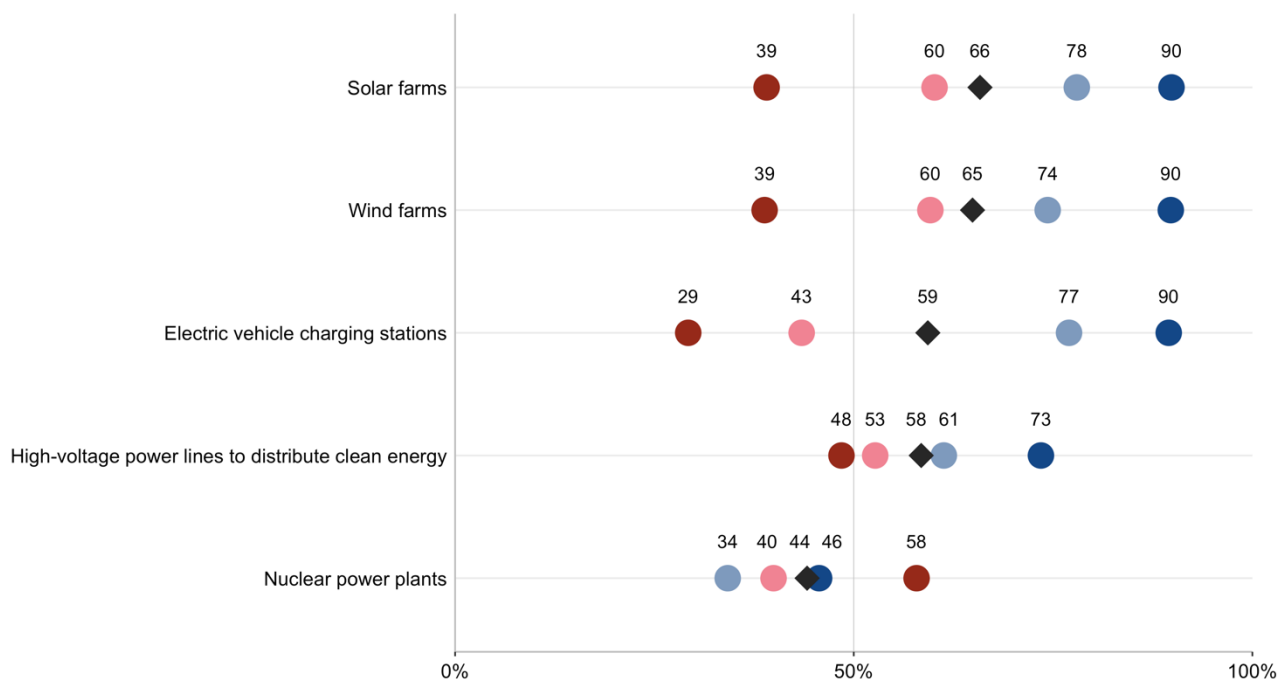
- Solar farms: liberal Democrats, 90%; moderate/conservative Democrats, 78%; liberal/moderate Republicans, 60%; conservative Republicans, 39%.
- Wind farms: liberal Democrats, 90%; moderate/conservative Democrats, 74%; liberal/moderate Republicans, 60%; conservative Republicans, 39%.
- Electric vehicle charging stations: liberal Democrats, 90%; moderate/conservative Democrats, 77%; liberal/moderate Republicans, 43%; conservative Republicans, 29%.
- High-voltage power lines to distribute clean energy: liberal Democrats, 73%; moderate/conservative Democrats, 61%; liberal/moderate Republicans, 53%; conservative Republicans, 48%.

Fewer registered voters support building nuclear power plants in the U.S. (44%). Support for building nuclear power plants appears to depend more on the strength of registered voters' political ideology than on political party identification, with a majority of conservative Republicans (58%) and many liberal Democrats (46%) supporting it, but with less support from liberal/moderate Republicans (40%) and moderate/conservative Democrats (34%).

A majority of registered voters support building climate-friendly energy production and distribution infrastructure in the U.S.

- % "strongly" or "somewhat" support -

● Con R ● Lib/Mod R ● Mod/Con D ● Lib D ◆ All Reg Voters



How much do you support or oppose building the following in the U.S.?

December 2022

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

3.5. A majority of registered voters support building climate-friendly energy production and distribution infrastructure in their local area.

Majorities of registered voters also support climate-friendly energy production and distribution infrastructure *in their local area*, including solar farms (61%), electric vehicle charging stations (58%), wind farms (57%), and high-voltage power lines to distribute clean energy (54%). These include majorities of liberal Democrats and moderate/conservative Democrats, and many liberal/moderate Republicans, but fewer conservative Republicans:

- Solar farms: liberal Democrats, 86%; moderate/conservative Democrats, 69%; liberal/moderate Republicans, 57%; conservative Republicans, 37%.
- Electric vehicle charging stations: liberal Democrats, 89%; moderate/conservative Democrats, 75%; liberal/moderate Republicans, 38%; conservative Republicans, 29%.
- Wind farms: liberal Democrats, 81%; moderate/conservative Democrats, 65%; liberal/moderate Republicans, 51%; conservative Republicans, 33%.
- High-voltage power lines to distribute clean energy: liberal Democrats, 71%; moderate/conservative Democrats, 56%; liberal/moderate Republicans, 46%; conservative Republicans, 45%.

Fewer registered voters support building nuclear power plants in their local area (35%), including 44% of conservative Republicans, 37% of liberal Democrats, 31% of liberal moderate Republicans, and 27% of moderate/conservative Democrats.

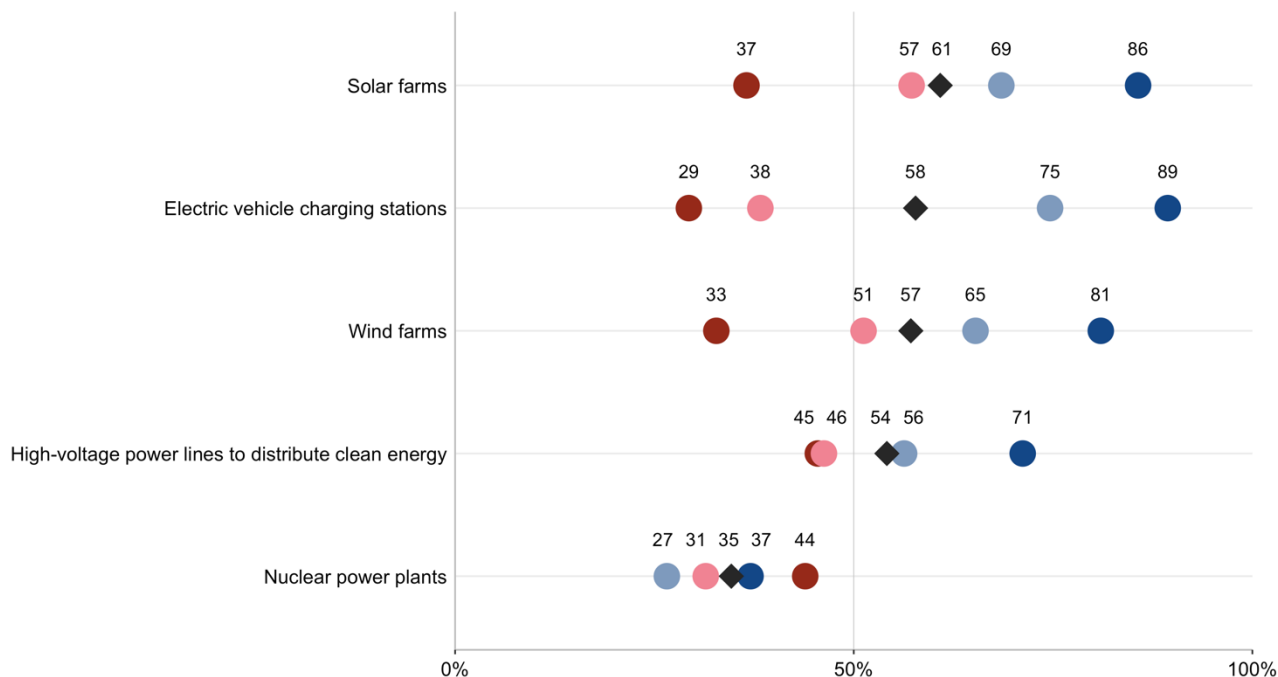
In some instances, support is lower for building energy production infrastructure locally than nationally (see Section 3.3). This may reflect a degree of what is often referred to as [NIMBYism](#) (“not in my backyard”), in which individuals support development of certain types of projects generally, but oppose it in their local area, because they think the projects may negatively impact the natural environment in their area, their property values, etc.



A majority of registered voters support building climate-friendly energy production and distribution infrastructure in their local area

- % "strongly" or "somewhat" support -

Con R Lib/Mod R Mod/Con D Lib D All Reg Voters



How much do you support or oppose building the following in your local area?

December 2022

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



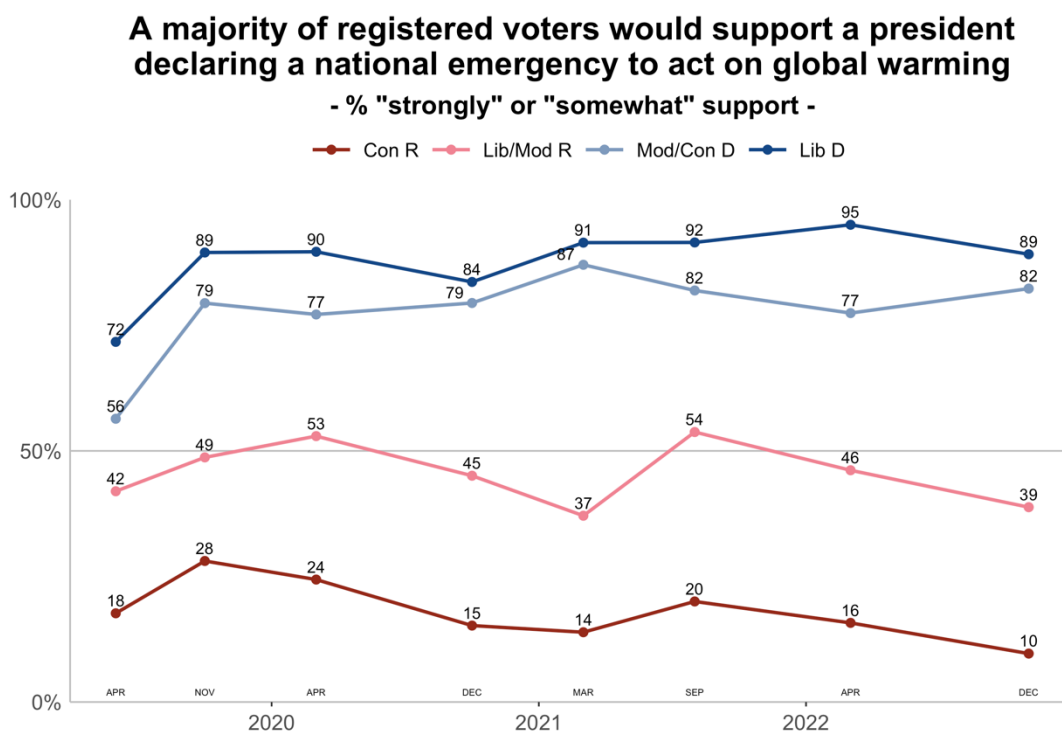
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3.6. A majority of registered voters would support a president declaring a national emergency to act on global warming.

More than half of registered voters (55%) would either “strongly” (23%) or “somewhat” (32%) support a U.S. president declaring global warming a national emergency to act on it if Congress does not take further action (see data tables, p. 51). This would be supported by large majorities of liberal Democrats (89%, with 50% saying they “strongly support” it; see data tables) and moderate/conservative Democrats (82%; 32% strongly support). By contrast, 39% of liberal/moderate Republicans and 10% of conservative Republicans would support it, while 90% of conservative Republicans would oppose it (including 78% who would “strongly oppose” it, see data tables).



If Congress does not take further action on global warming, would you support or oppose a U.S. president declaring global warming a national emergency to act on it without Congress?

December 2022

Source: Yale Program on Climate Change Communication;
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4. Special Section: The Inflation Reduction Act (IRA)

4.1. Most registered voters have not heard much about the Inflation Reduction Act (IRA).

On August 16, 2022, President Biden signed the Inflation Reduction Act (IRA) into law. The law aims to curb inflation by reducing the federal deficit, lowering prescription drug prices and the cost of health insurance, modernizing the Internal Revenue Service, and investing in U.S. clean energy production. The law authorizes \$391 billion for developing clean energy and addressing global warming, including tax incentives and rebates to help consumers and businesses buy energy-efficient appliances, solar panels, electric vehicles, etc. The IRA also includes support for clean energy jobs and investments in communities that are most harmed by air and water pollution. It is the largest investment the U.S. government has ever made to reduce global warming, and is projected to help the U.S. reduce its carbon pollution 40% by 2030. The law will be paid for by closing tax loopholes.

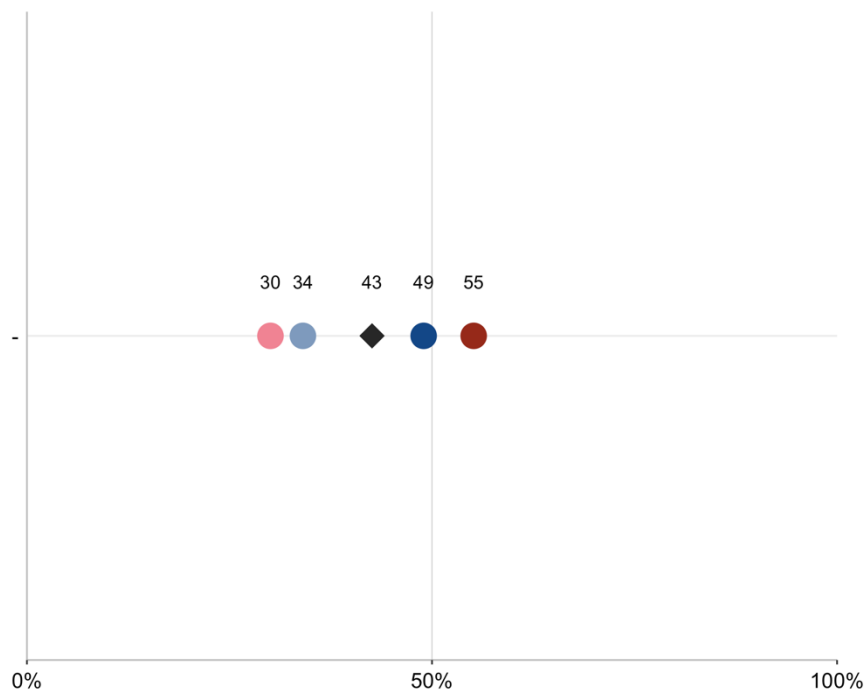
Two in three registered voters (67%) have heard at least “a little” about the Inflation Reduction Act of 2022 (IRA; see data tables, p. 51), including about four in ten (43%) who have heard either “a lot” (13%) or “some” (29%) about it. A majority of conservative Republicans (55%) and about half of liberal Democrats (49%) have heard “a lot” or “some” about the IRA, while fewer moderate/conservative Democrats (34%) or liberal/moderate Republicans (30%) have done so. One in three registered voters (33%) have heard “nothing at all” about the IRA (see data tables).



Most registered voters have not heard much about the Inflation Reduction Act (IRA)

- % "A lot" or "Some" -

● Con R ● Lib/Mod R ● Mod/Con D ● Lib D ◆ All Reg Voters



How much, if anything, have you heard or read about the federal law called the "Inflation Reduction Act of 2022" (also known as the "IRA"), a bill that was passed by the U.S. Congress and signed by President Biden? Have you heard...

December 2022

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4.2. Registered voters who know about the Inflation Reduction Act (IRA) are skeptical or don't associate it with anything.

As noted in Section 4.1, 67% of registered voters have heard at least “a little” about the Inflation Reduction Act of 2022 (IRA). All survey participants who said they had heard at least “a little” about the IRA were then asked the open-ended question: “What, if anything, is the first thing that comes to mind when you think about the Inflation Reduction Act of 2022 (IRA)?” Responses to that question were then categorized for analysis (see data tables, p. 51).²

Of those registered voters who have heard about the IRA and provided an association, the most common association reflected “skepticism” (e.g., it is government waste, will not accomplish its goals; 16%). The next most common associations were climate and clean energy (8%) and economic benefits (8%).

Among the political groups, the most common associations were: Liberal Democrats: climate/clean energy (15%); moderate/conservative Democrats: economic benefits (11%); liberal/moderate Republicans: skepticism (18%); and conservative Republicans: skepticism (42%). Overall, conservative Republicans were the political group most likely to associate the IRA with any particular response.

Registered voters who know about the Inflation Reduction Act (IRA) are skeptical or don't associate it with anything.

Rank by frequency	All Registered Voters	Liberal Democrats	Moderate/Conservative Democrats	Liberal/Moderate Republicans	Conservative Republicans
1	Haven't heard of IRA	Haven't heard of IRA	Haven't heard of IRA	Haven't heard of IRA	Skepticism
2	Skepticism	No response	No response	Skepticism	Haven't heard of IRA
3	No response	Climate/Clean energy	Economic benefits	No response	Economic harm
4	Climate/Clean energy	Economic benefits	Other	Economic harm	No response
5	Economic benefits	Other	Climate/Clean energy	Economic neutral	Economic neutral
6	Other	Economic neutral	Don't know	Don't know	Climate/Clean energy
7	Economic harm	Don't know	Economic neutral	Climate/Clean energy	Don't know
8	Economic neutral	Drug prices	Drug prices	Economic benefits	Economic benefits
9	Don't know	Skepticism	Infrastructure	Other	Other
10	Drug prices	Infrastructure	Skepticism	Drug prices	Infrastructure
11	Infrastructure	Economic harm	Economic harm	Infrastructure	Drug prices

What, if anything, is the first thing that comes to mind when you think about the Inflation Reduction Act of 2022 (IRA)?

Note: Responses can be recorded in more than one category
December 2022

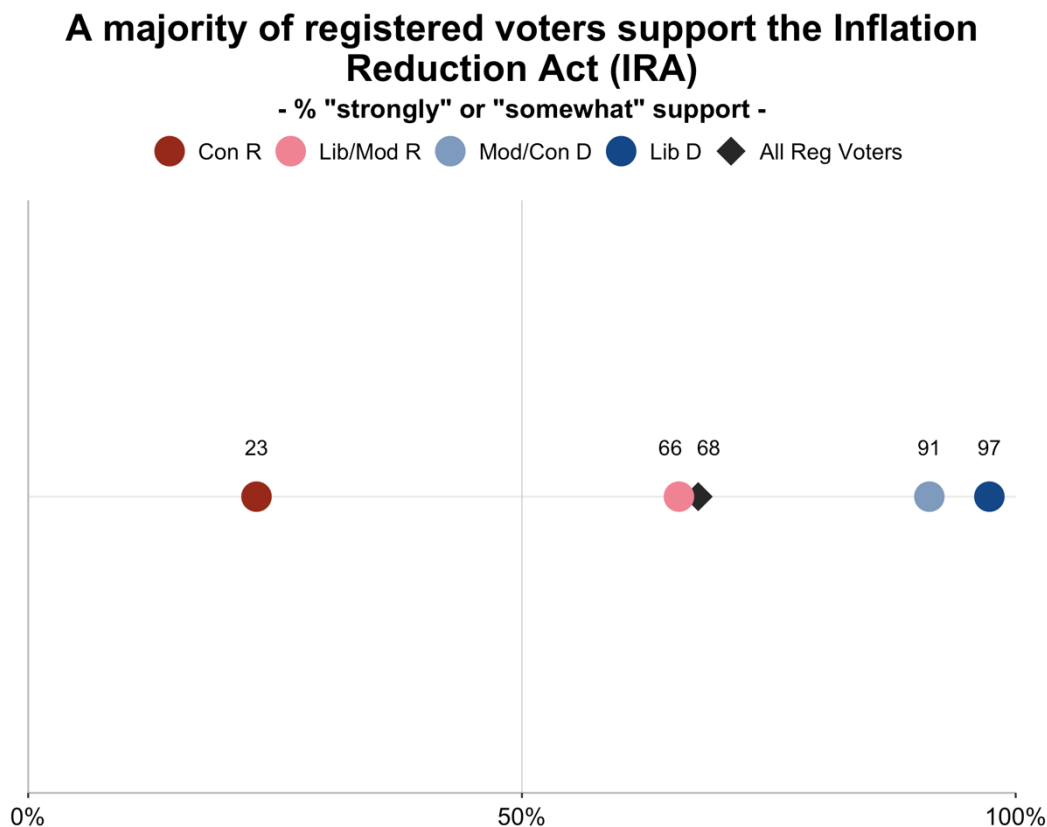
Source : Yale Program on Climate Change Communication;
George Mason University Center for Climate Change Communication

² A doctoral student and a postdoctoral fellow coded the open-ended responses using instructions and categories developed by one of the Primary Investigators. Percent agreement ranged from 93% – 99% for the categories coded. Differences between the two coders were resolved via discussion between them and the Primary Investigator. “Haven’t heard about IRA” classification was determined by a “nothing at all” response to the preceding question, “How much, if anything, have you heard about the Inflation Reduction Act of 2022 (also known as the IRA), a bill that was passed by the U.S. Congress and signed by President Biden?” Participants who provided that response were not shown this open-ended question. Definitions of the other categories used by the coders can be found in Appendix II, p. 68.



4.3. A majority of registered voters support the Inflation Reduction Act (IRA).

After reading a brief description of the Inflation Reduction Act (IRA), about two in three registered voters (68%) say they support it (34% “strongly support” and 34% “somewhat support”). Nearly all liberal Democrats (97%) and moderate/conservative Democrats (91%) support the IRA, as do two in three liberal/moderate Republicans (66%). By contrast, 23% of conservative Republicans support the IRA, while 75% oppose it (including 55% who strongly oppose it; see data tables, p. 52).



The Inflation Reduction Act of 2022 (IRA) aims to curb inflation by reducing the federal deficit, lowering prescription drug prices and the cost of health insurance, modernizing the Internal Revenue Service, and investing in U.S. clean energy production. The law authorizes \$391 billion for developing clean energy and addressing global warming, including tax incentives and rebates to help consumers and businesses buy energy-efficient appliances, solar panels, electric vehicles, etc. The IRA also includes support for clean energy jobs and investments in communities that are most harmed by air and water pollution. It is the largest investment the U.S. government has ever made to reduce global warming, and is projected to help the U.S. reduce its carbon pollution 40% by 2030. The law will be paid for by closing tax loopholes.

How much do you support or oppose this law?

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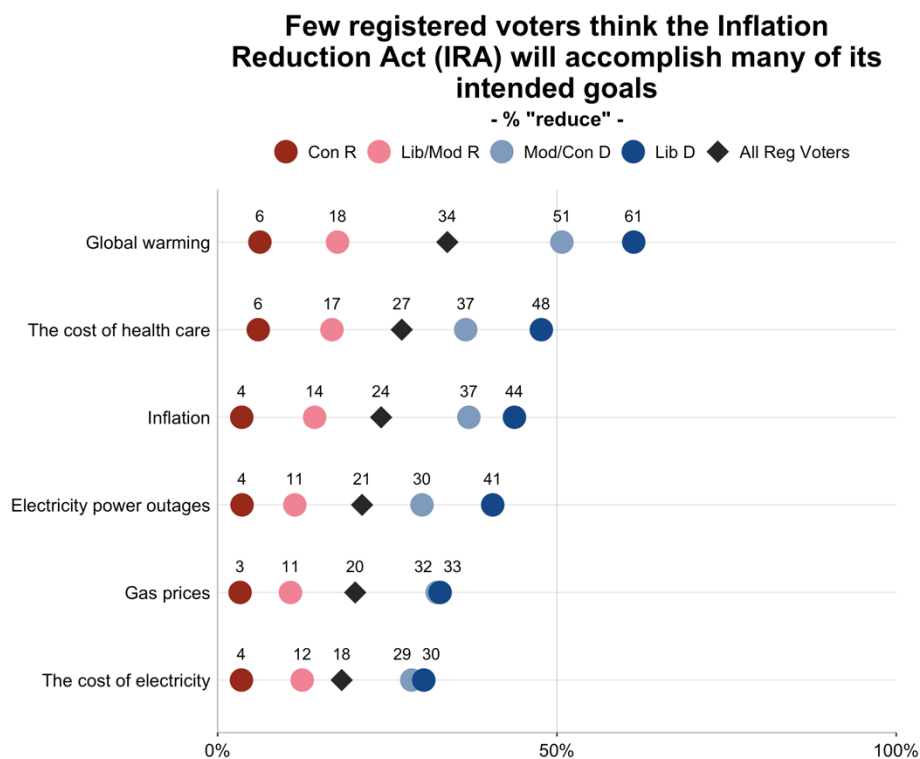
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4.4. Few registered voters think the Inflation Reduction Act (IRA) will accomplish many of its intended goals.

About four in ten registered voters (41%) think the Inflation Reduction Act (IRA) will increase innovation in clean energy technologies (not pictured in the figure; see data tables, p. 54). This includes 65% of liberal Democrats, 49% of moderate/conservative Democrats, 35% of liberal/moderate Republicans, and 19% of conservative Republicans. However, fewer registered voters think the IRA will accomplish many of its other intended goals, such as reducing:

- Global warming: 34% of registered voters think the IRA will reduce it; 61% of liberal Democrats, 51% of moderate/conservative Democrats, 18% of liberal/moderate Republicans, 6% of conservative Republicans.
- The cost of health care: 27% of registered voters; 48% of liberal Democrats, 37% of moderate/conservative Democrats, 17% of liberal/moderate Republicans, 6% of conservative Republicans.
- Inflation: 24% of registered voters; 44% of liberal Democrats, 37% of moderate/conservative Democrats, 14% of liberal/moderate Republicans, 4% of conservative Republicans.
- Electricity power outages: 21% of registered voters; 41% of liberal Democrats, 30% of moderate/conservative Democrats, 11% of liberal/moderate Republicans, 4% of conservative Republicans.
- Gas prices: 20% of registered voters; 33% of liberal Democrats, 32% of moderate/conservative Democrats, 11% of liberal/moderate Republicans, 3% of conservative Republicans.
- The cost of electricity: 18% of registered voters; 30% of liberal Democrats, 29% of moderate/conservative Democrats, 12% of liberal/moderate Republicans, 4% of conservative Republicans.





Do you think the Inflation Reduction Act of 2022 (IRA) will increase or reduce each of the following, or will it not make much of a difference?

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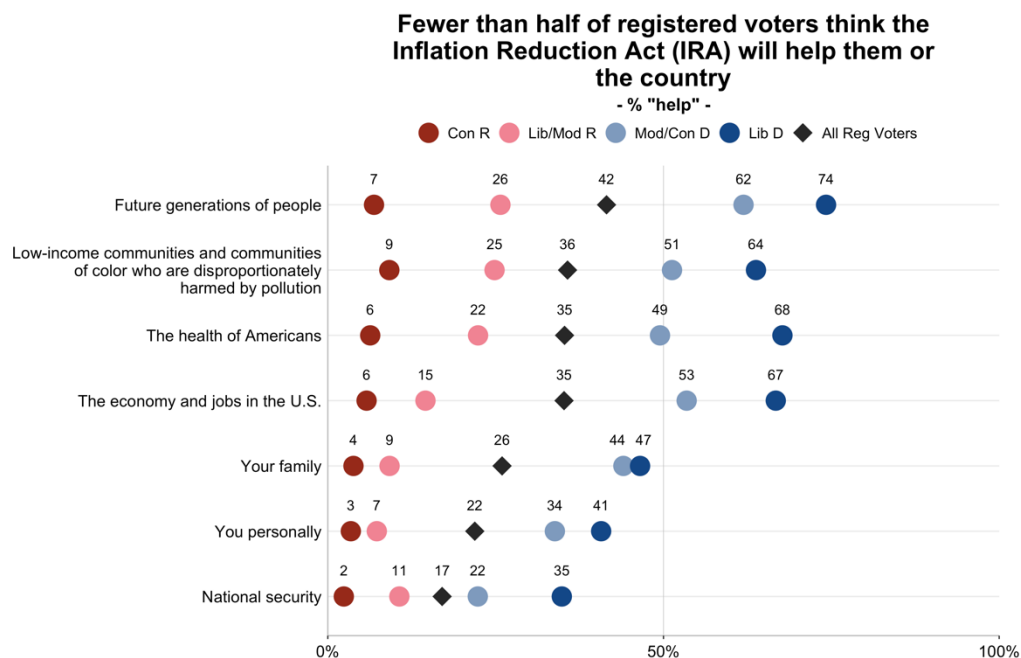
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4.5. Fewer than half of registered voters think the Inflation Reduction Act (IRA) will help them or the country.

Fewer than half of registered voters think the Inflation Reduction Act (IRA) will help the following groups of people or the country, including:

- Future generations of people: 42% of registered voters; 74% of liberal Democrats, 62% of moderate/conservative Democrats, 26% of liberal/moderate Republicans, and 7% of conservative Republicans.
- Low-income communities and communities of color who are disproportionately harmed by pollution: 36% of registered voters; 64% of liberal Democrats, 51% of moderate/conservative Democrats, 25% of liberal/moderate Republicans, and 9% of conservative Republicans.
- The health of Americans: 35% of registered voters; 68% of liberal Democrats, 49% of moderate/conservative Democrats, 22% of liberal/moderate Republicans, and 6% of conservative Republicans.
- The economy and jobs in the U.S.: 35% of registered voters; 67% of liberal Democrats, 53% of moderate/conservative Democrats, 15% of liberal/moderate Republicans, and 6% of conservative Republicans.
- Their family: 26% of registered voters; 47% of liberal Democrats, 44% of moderate/conservative Democrats, 9% of liberal/moderate Republicans, and 4% of conservative Republicans.
- Them personally: 22% of registered voters; 41% of liberal Democrats, 34% of moderate/conservative Democrats, 7% of liberal/moderate Republicans, and 3% of conservative Republicans.
- National security: 17% of registered voters; 35% of liberal Democrats, 22% of moderate/conservative Democrats, 11% of liberal/moderate Republicans, and 2% of conservative Republicans.





Do you think the Inflation Reduction Act of 2022 (IRA) will help or hurt each of the following, or will it not make much of a difference?

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5. Who Should Take Action to Address Global Warming?

5.1. Two in three registered voters want corporations and industry to do more to address global warming. Most also want more action from citizens and government.

Two in three registered voters say corporations and industry should do either “much more” or “more” to address global warming (66% of registered voters, including 95% of liberal Democrats, 81% of moderate/conservative Democrats, 59% of liberal/moderate Republicans, and 32% of conservative Republicans).

Half or more registered voters, including large majorities of both liberal and moderate/conservative Democrats, say citizens themselves (60%), the Republican Party (60%), the U.S. Congress (58%), their local government officials (54%), their governor (53%), the Democratic Party (53%), the media (51%), and President Biden (50%) should do more to address global warming. About half (48%) say they themselves should do more.

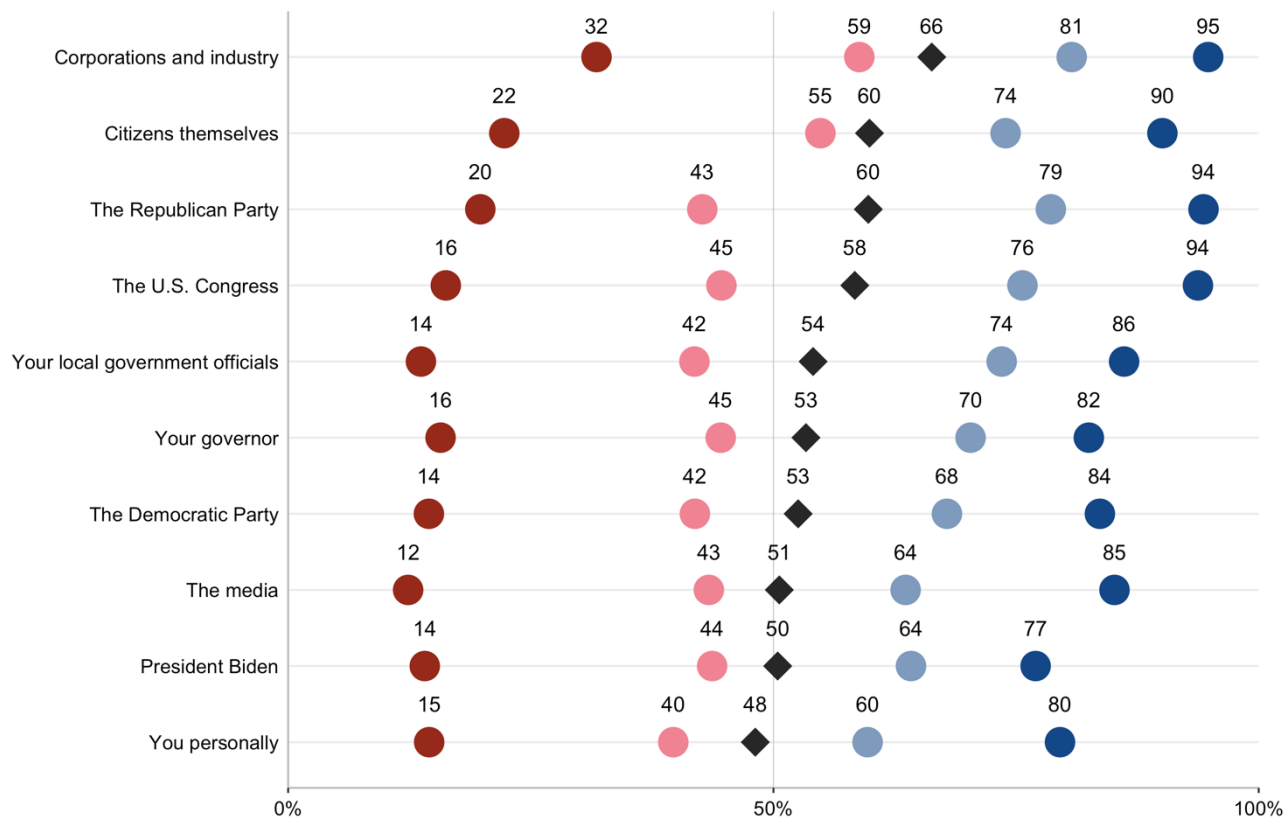
Forty-three percent of liberal/moderate Republicans say their party (the Republican Party) should do more to address global warming, while only 20% of conservative Republicans say so. Large majorities of both liberal Democrats (84%) and moderate/conservative Democrats (68%) say their party (the Democratic Party) should do more.



Two in three registered voters want corporations and industry to do more to address global warming

- % "more" or "much more" -

● Con R ● Lib/Mod R ● Mod/Con D ● Lib D ◆ All Reg Voters



Do you think each of the following should be doing more or less to address global warming?

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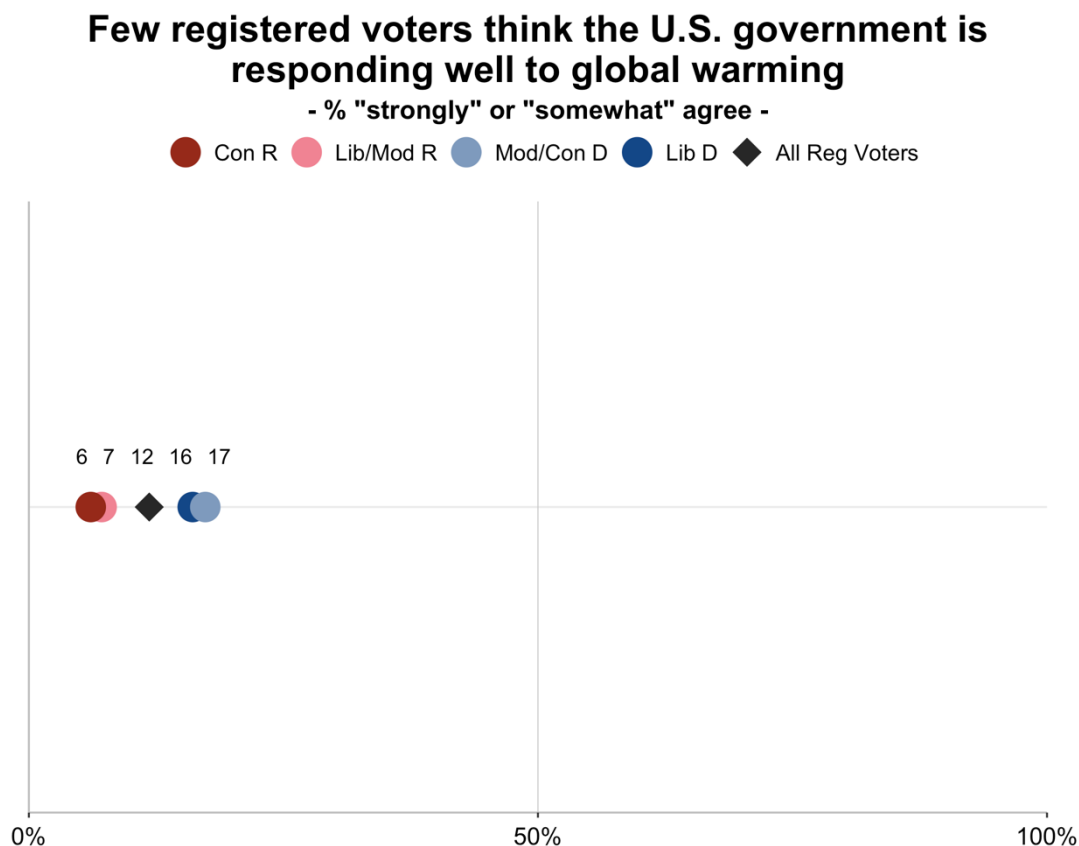
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5.2. Few registered voters think the U.S. government is responding well to global warming.

Few registered voters agree that the U.S. government is responding well to the issue of global warming (12%). This is true across the political spectrum: Only 17% of moderate/conservative Democrats, 16% of liberal Democrats, 7% of liberal/moderate Republicans, and 6% of conservative Republicans agree.



How much do you agree or disagree with the following statement? The U.S. government is responding well to the issue of global warming

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6. Political Actions to Limit Global Warming

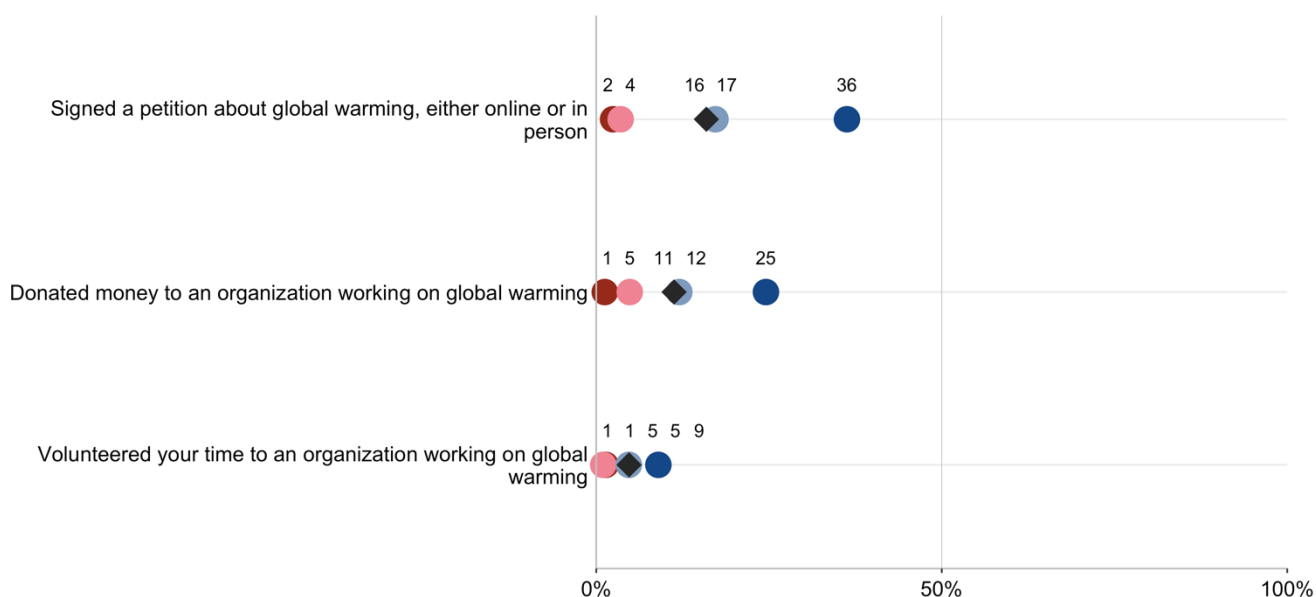
6.1. Relatively few registered voters have engaged in political actions to reduce global warming in the past year.

Relatively few registered voters have engaged in political actions to reduce global warming over the past 12 months, including 16% who say they have signed a petition about global warming at least “once,” and 11% who say they have donated money to an organization working on global warming at least “once.” Fewer (5%) have volunteered their time to an organization working on global warming at least “once” in the past year.

Relatively few registered voters have engaged in political actions to reduce global warming in the past year

- % "once," "a few times," "several times," or "many times" -

● Con R ● Lib/Mod R ● Mod/Con D ● Lib D ◆ All Reg Voters



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

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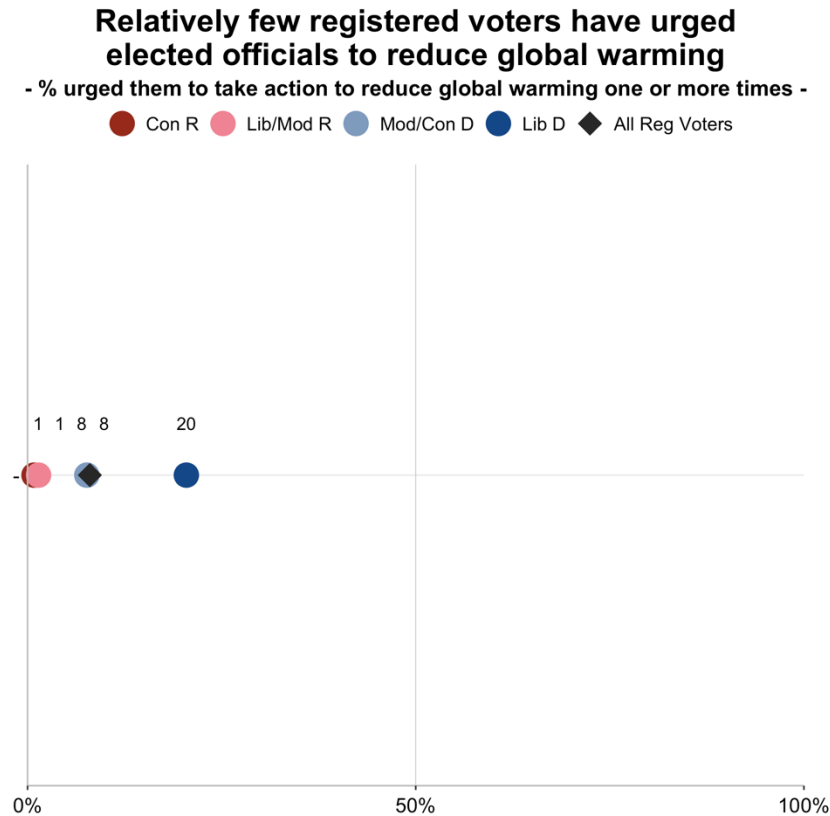
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6.2. Relatively few registered voters have urged elected officials to reduce global warming.

Eight percent of registered voters have contacted government officials to urge them to take action to reduce global warming at least one time over the past 12 months. This includes 20% of liberal Democrats and 8% of moderate/conservative Democrats, but only 1% of liberal/moderate Republicans and 1% of conservative Republicans.



(a) Over the past 12 months, how many times have you written letters, emailed, or phones government officials about global warming? (b) When you contacted a government official did you [urge them to take action to reduce global warming]?

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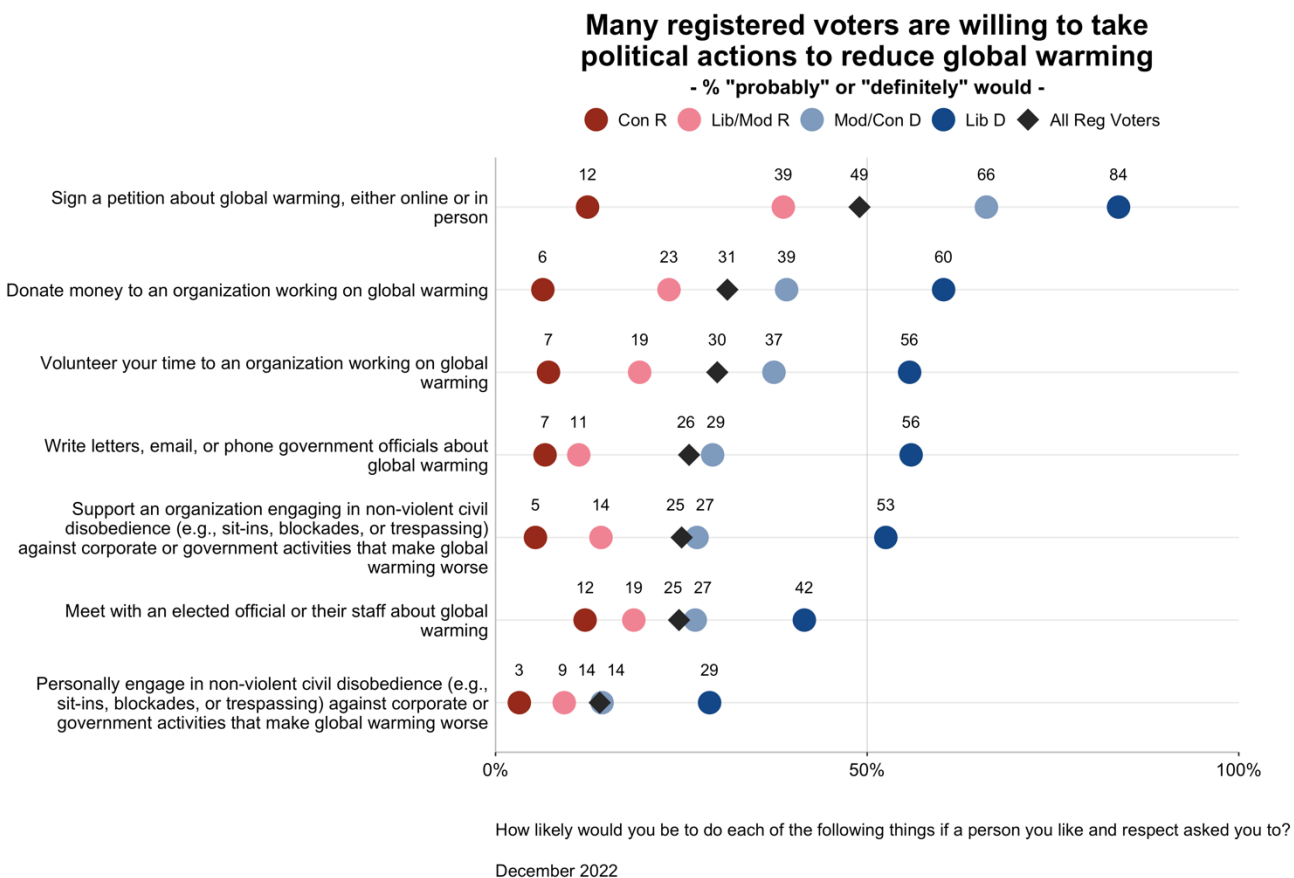


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6.3. Many registered voters are willing to take political actions to reduce global warming.

About half of registered voters (49%) say they would sign a petition about global warming, including majorities of liberal Democrats (84%) and moderate/conservative Democrats (66%), but fewer liberal/moderate Republicans (39%) and conservative Republicans (12%). About three in ten say they would donate money (31%) or volunteer their time (30%) to an organization working on global warming. Fewer would contact government officials about global warming (26%) or meet with an elected official or their staff (25%).

One in four registered voters (25%) would support an organization engaging in non-violent civil disobedience against corporate or government activities that make global warming worse, and 14% (including 29% of liberal Democrats) would personally engage in such non-violent civil disobedience.



Source: Yale Program on Climate Change Communication;
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6.4. Few registered voters would be willing to get arrested as part of a non-violent civil disobedience action.

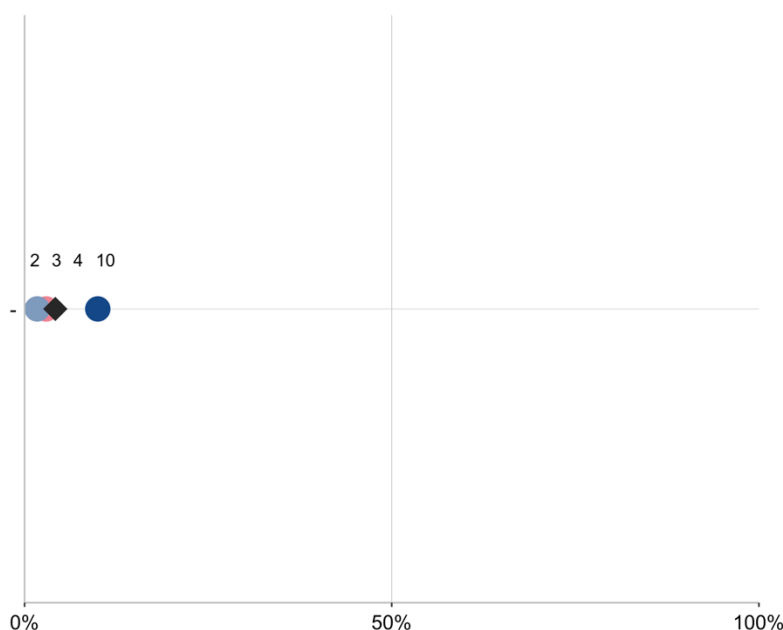
Although 14% of registered voters say they would personally engage in non-violent civil disobedience against corporate or government activities that make global warming worse (see section 6.1), only 4% say they would be willing to get arrested as part of such an action (1% “definitely would,” 3% “probably would”). This includes 10% of liberal Democrats, 3% of liberal/moderate Republicans, 2% of moderate/conservative Democrats, and no conservative Republicans.

However, according to the [most recent data available from the U.S. Census Bureau](#), there are more than 168 million registered voters in the United States. If 1% of them “definitely would” get arrested as part of a non-violent action against activities that make global warming worse, and an additional 3% “probably would,” it suggests that there may be a million or more registered voters willing to do so.

Few registered voters would be willing to get arrested as part of a non-violent civil disobedience action

- % “definitely” or “probably” would do it -

● Lib/Mod R ● Mod/Con D ● Lib D ◆ All Reg Voters



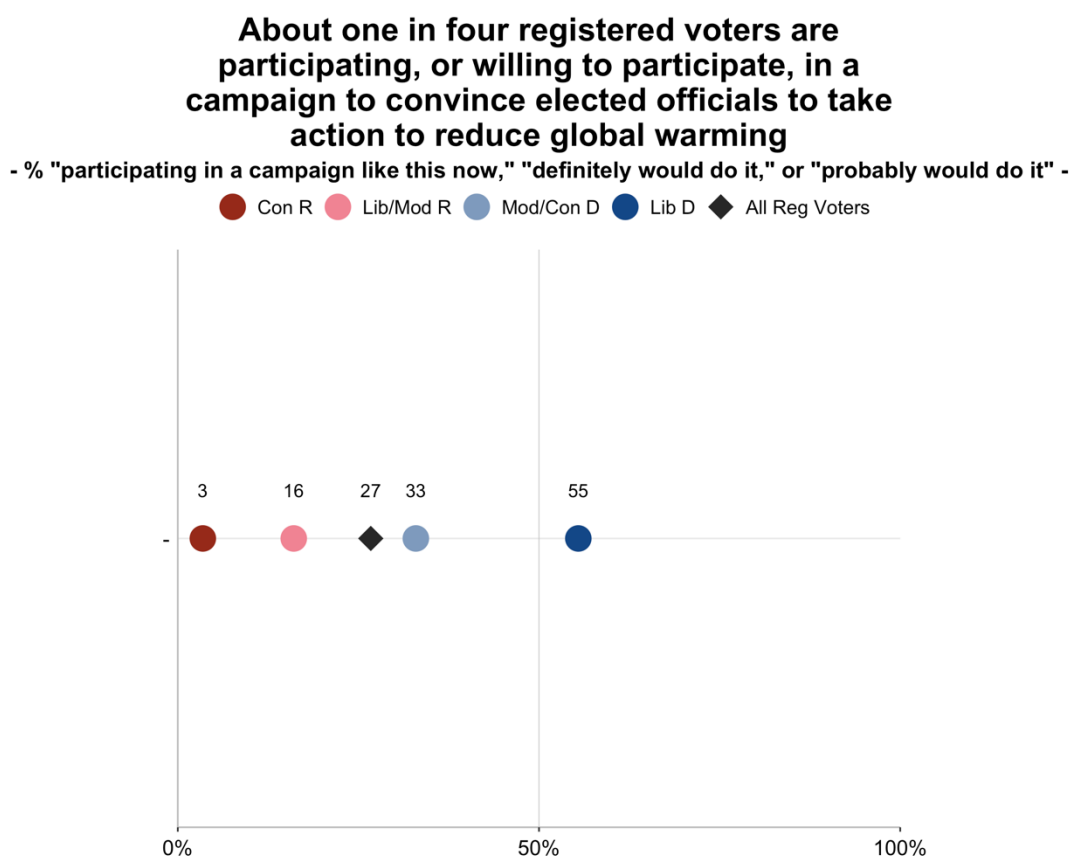
How willing or unwilling would you be to get arrested as part of a non-violent civil disobedience action against corporate or government activities that make global warming worse?

December 2022

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

6.5. About one in four registered voters are participating, or willing to participate, in a campaign to convince elected officials to take action to reduce global warming – although current participation is low.

A total of about three in ten registered voters (27%) say they are either “definitely” (7%) or “probably” (19%) willing to join a campaign to convince elected officials to take action to reduce global warming or are already currently participating in such a campaign (1%; see data tables). This includes 55% of liberal Democrats (3% “currently,” 15% “definitely,” and 37% “probably”), 33% of moderate/conservative Democrats (less than 1% “currently,” 8% “definitely,” and 25% “probably”), and 16% of liberal/moderate Republicans (1% “currently,” 2% “definitely,” and 13% “probably”), but only 3% of conservative Republicans (none “currently,” 1% “definitely,” and 2% “probably”).



How willing or unwilling would you be to join a campaign to convince elected officials to take action to reduce global warming?

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7. Collective Efficacy

7.1. Americans are more confident they can influence what the federal government does about global warming more than they can influence what corporations do.

Perceived collective efficacy regarding global warming – the belief that like-minded citizens can work together to influence what government and business leaders do about global warming – is an important motivator for individuals to take collective action.³ About four in ten registered voters (42%) are at least “moderately confident” that people like them, working together, can affect what the federal government does about global warming. Fewer registered voters (35%) are at least “moderately confident” that people like them, working together, can affect what corporations do about global warming.

Liberal Democrats have the highest perceptions of collective efficacy regarding global warming, while conservative Republicans have the lowest perceptions of collective efficacy, although that may in part be because they are less likely to support action on global warming overall.

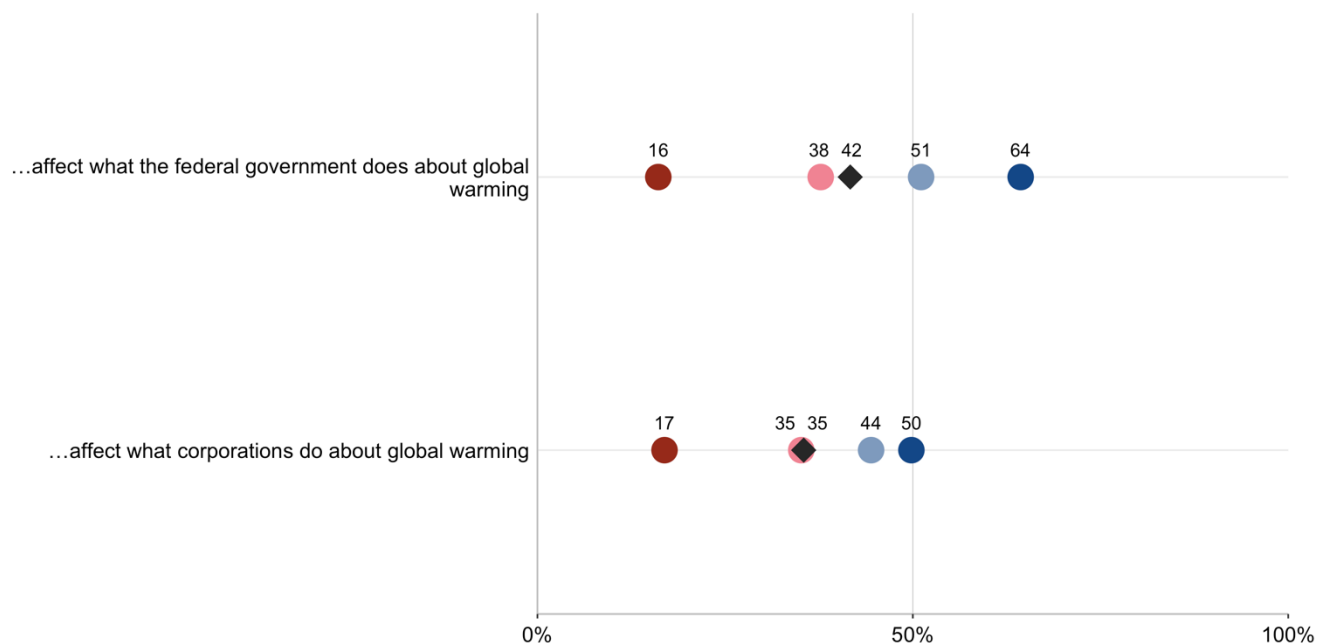
³ Bandura, A. (2000). Exercise of human agency through collective efficacy. *Current Directions in Psychological Science*, 9, 75-78. <https://doi.org/10.1111/1467-8721.00064>



Americans are more confident they can influence what the federal government does about global warming more than they can influence what corporations do

- % "extremely", "very", or "moderately" confident -

● Con R ● Lib/Mod R ● Mod/Con D ● Lib D ◆ All Reg Voters



How confident are you that people like you, working together, can...?

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8. Educating Students About Global Warming

8.1. Three in four registered voters say schools should teach children about global warming.

The [Next Generation Science Standards for K-12 STEM](#) (Science, Technology, Engineering, and Mathematics) education in the United States⁴ recommend that climate change be included in school science curricula.

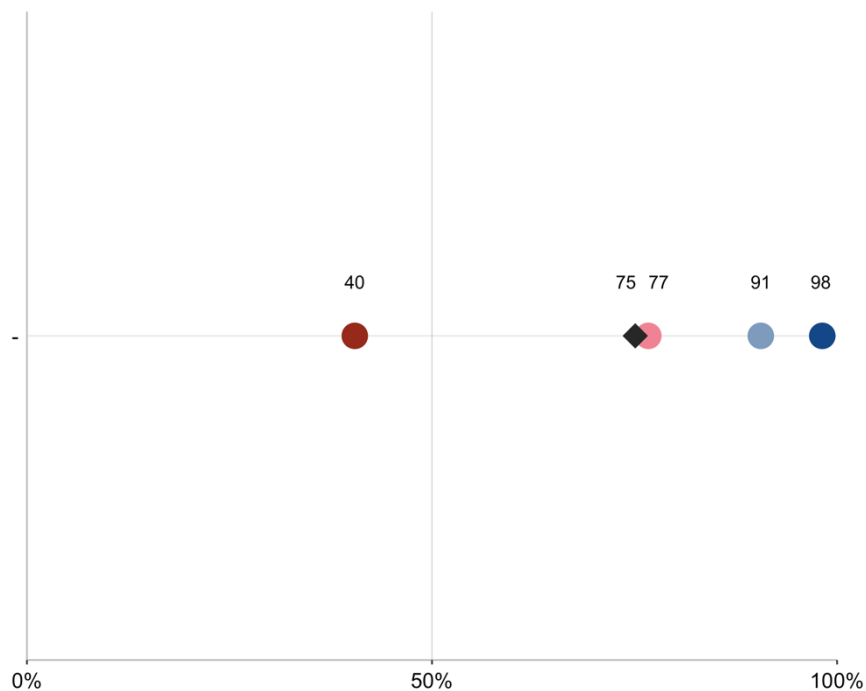
Three in four registered voters (75%) agree that schools should teach children about the causes and consequences of global warming, and potential solutions. Agreement spans the political spectrum, including nearly all liberal and moderate/conservative Democrats (98% and 91% respectively), a large majority of liberal/moderate Republicans (77%), and four in ten conservative Republicans (40%).

⁴ The Next Generation Science Standards were developed by a collaboration of scientists and educators at the National Research Council of the National Academy of Sciences; the American Academy for the Advancement of Science; the National Teacher's Association; 26 states; and Achieve (a non-profit organization). Released in 2013, the standards represent the most current, research-based method of educating K-12 students in STEM and preparing them for STEM careers. See: nextgenscience.org

Three in four registered voters say schools should teach children about global warming

'- % "strongly" or "somewhat" agree -

● Con R ● Lib/Mod R ● Mod/Con D ● Lib D ◆ All Reg Voters



How much do you agree or disagree with the following statement? [Schools should teach our children about the causes, consequences, and potential solutions to global warming]

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Source: Yale Program on Climate Change Communication;
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Appendix I: Data Tables

Table Notes:

- In all tables, the base is registered voters in the United States. Note that the percentages reported in Section 1.1 of the main report differ from the corresponding data table because the main report includes only registered voters who voted in the 2022 election, while the table includes all registered voters (see note in Section 1.1).
- 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.

1.1 How important was the issue of global warming to you when you decided how you would vote in the November election?

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
The single most important issue (%)	2	3	3	3	3	-	-	-
One of several important issues (%)	38	61	68	53	25	14	23	10
Not an important issue (%)	41	19	15	24	44	70	50	80
Not sure (%)	6	6	5	7	8	5	14	1
No response (%)	0	0	1	-	-	0	-	0
Did not vote (%)	13	10	8	13	20	10	13	9

2.1 Do you think the following should be a low, medium, high, or very high priority for the president and Congress?

Global warming

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Very High (%)	28	48	57	37	19	6	15	2
High (%)	24	35	33	37	25	11	18	7
Medium (%)	21	13	8	20	26	30	44	24
Low (%)	26	4	2	6	30	53	23	67
No response (%)	0	-	-	-	-	0	1	-

2.2 Do you think the following should be a low, medium, high, or very high priority for the president and Congress?

Developing sources of clean energy

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Very High (%)	35	58	70	44	24	9	19	5
High (%)	29	31	25	38	36	26	33	23
Medium (%)	25	10	5	17	25	43	40	45
Low (%)	11	1	1	1	16	21	8	28
No response (%)	0	-	-	-	-	0	1	-

3.1 How much do you support or oppose the following policies?

Regulate carbon dioxide (the primary greenhouse gas) as a pollutant

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	31	52	62	39	20	9	15	6
Somewhat support (%)	43	43	37	52	45	43	60	35
Somewhat oppose (%)	11	3	0	7	19	18	18	18
Strongly oppose (%)	13	1	0	2	15	29	6	39
No response (%)	1	0	-	1	-	1	1	1

Require electric utilities to produce 100% of their electricity from wind, solar, or other renewable energy sources by the year 2035

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	26	42	49	33	20	8	15	5
Somewhat support (%)	36	46	44	48	33	24	43	15
Somewhat oppose (%)	15	9	7	12	14	22	27	19
Strongly oppose (%)	22	2	1	5	32	45	14	60
No response (%)	1	1	-	2	-	1	1	1

Fund more research into renewable energy sources, such as solar and wind power

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	41	66	75	54	32	14	27	8
Somewhat support (%)	38	31	23	40	35	45	57	40
Somewhat oppose (%)	10	3	1	4	19	18	12	21
Strongly oppose (%)	10	0	0	-	14	22	4	30
No response (%)	1	1	-	2	-	1	-	1

Provide tax rebates for people who purchase energy-efficient vehicles or solar panels

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	35	54	63	44	31	13	18	10
Somewhat support (%)	40	41	35	48	42	38	55	31
Somewhat oppose (%)	11	4	2	6	14	20	16	22
Strongly oppose (%)	13	1	1	1	13	28	11	37
No response (%)	1	1	-	1	-	1	1	1

Require fossil fuel companies to pay a carbon tax and use the money to reduce other taxes (such as income tax) by an equal amount

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	28	47	58	33	19	9	16	6
Somewhat support (%)	35	41	35	48	33	27	41	21
Somewhat oppose (%)	17	9	5	14	22	26	30	25
Strongly oppose (%)	18	2	2	3	26	37	13	48
No response (%)	1	1	-	3	-	1	1	1

Transition the U.S. economy (incl. electric utilities, transportation, buildings, industry) from fossil fuels to 100% clean energy by 2050

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	32	53	65	37	28	7	15	3
Somewhat support (%)	34	40	32	50	29	28	48	19
Somewhat oppose (%)	15	5	2	9	19	25	22	27
Strongly oppose (%)	18	1	1	1	24	39	15	50
No response (%)	1	1	-	2	-	1	-	0

Require that, by 2030, all new cars, trucks, and SUVs sold in the U.S. are electric vehicles

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	16	26	32	19	10	3	5	2
Somewhat support (%)	28	45	46	45	20	10	19	6
Somewhat oppose (%)	18	20	17	24	21	14	25	9
Strongly oppose (%)	38	8	5	11	49	73	52	82
No response (%)	1	1	-	1	-	0	-	0

Provide tax incentives or rebates to homeowners, landlords, and businesses to purchase appliances that can be powered without burning fossil fuels

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	35	53	62	41	33	15	26	10
Somewhat support (%)	40	40	35	47	40	39	52	33
Somewhat oppose (%)	12	5	3	8	11	21	17	23
Strongly oppose (%)	12	1	0	2	15	24	5	33
No response (%)	1	1	-	1	1	1	-	1

Provide federal funding to make residential buildings in low-income communities more energy efficient

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	35	56	64	46	32	10	21	5
Somewhat support (%)	42	40	33	47	42	46	54	42
Somewhat oppose (%)	10	3	2	4	9	20	20	20
Strongly oppose (%)	11	1	0	1	17	23	4	32
No response (%)	1	1	-	1	-	1	1	1

3.2 How much do you support or oppose the following policies?

Create a jobs program that would hire unemployed oil and gas workers to safely close down thousands of abandoned oil and gas wells, which are a source of water and methane pollution

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	38	58	69	45	39	14	20	12
Somewhat support (%)	40	36	30	44	36	44	63	36
Somewhat oppose (%)	11	4	1	8	14	18	13	21
Strongly oppose (%)	11	1	0	2	10	23	4	32
No response (%)	0	1	-	1	-	0	1	-

Create a jobs program that would hire unemployed coal workers to safely close down old coal mines and restore the natural landscape

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	37	57	66	47	37	14	22	10
Somewhat support (%)	41	39	33	46	45	42	62	33
Somewhat oppose (%)	9	2	1	4	8	17	11	20
Strongly oppose (%)	12	1	0	2	10	26	4	37
No response (%)	1	0	-	1	-	1	1	0

Increase federal funding to low-income communities and communities of color who are disproportionately harmed by air and water pollution

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	29	48	60	34	31	6	11	3
Somewhat support (%)	39	44	37	53	38	31	46	24
Somewhat oppose (%)	14	6	2	10	11	25	29	23
Strongly oppose (%)	17	1	0	2	20	37	13	49
No response (%)	1	0	-	1	-	1	1	1

Provide federal funding to help farmers improve farming practices to protect and restore the soil so it absorbs and stores more carbon

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	39	55	61	47	29	22	30	18
Somewhat support (%)	45	40	36	44	51	50	62	45
Somewhat oppose (%)	7	3	1	5	11	12	8	14
Strongly oppose (%)	7	1	1	1	9	15	1	21
No response (%)	1	1	-	2	-	2	-	2

3.3 How much do you support or oppose the following policies?

Expand offshore drilling for oil and natural gas off the U.S. coast

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	23	9	9	9	25	42	22	51
Somewhat support (%)	35	30	21	41	35	41	55	35
Somewhat oppose (%)	24	32	31	34	25	10	18	7
Strongly oppose (%)	17	28	38	15	14	6	4	6
No response (%)	1	1	0	2	-	1	-	1

Drill for and mine fossil fuels (coal, oil, and natural gas) on public land in the U.S.

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	23	8	10	7	27	43	21	53
Somewhat support (%)	33	27	18	37	30	39	52	33
Somewhat oppose (%)	21	26	23	30	29	12	20	8
Strongly oppose (%)	22	38	49	23	14	6	7	5
No response (%)	1	1	0	2	-	1	-	1

Generate renewable energy (solar and wind) on public land in the U.S.

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	37	54	61	47	35	19	30	14
Somewhat support (%)	42	40	36	44	41	44	55	39
Somewhat oppose (%)	10	4	2	7	13	15	11	18
Strongly oppose (%)	10	1	1	1	12	20	4	28
No response (%)	1	1	-	2	-	1	1	1

3.4 How much do you support or oppose building the following in the U.S.?

Solar farms

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	41	61	68	53	41	17	25	14
Somewhat support (%)	25	23	21	25	23	28	35	25
Neither support nor oppose (%)	23	13	9	19	24	33	32	33
Somewhat oppose (%)	5	1	-	2	7	10	3	14
Strongly oppose (%)	5	1	1	0	5	10	3	13
No response (%)	1	0	0	0	-	1	2	0

Wind farms

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	40	60	68	49	35	19	29	14
Somewhat support (%)	25	23	21	26	25	26	31	24
Neither support nor oppose (%)	22	15	8	24	24	28	33	25
Somewhat oppose (%)	5	1	1	2	4	11	3	14
Strongly oppose (%)	8	1	1	-	10	16	4	22
No response (%)	0	-	-	-	2	0	-	0

Electric vehicle charging stations

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	35	57	65	47	35	11	14	9
Somewhat support (%)	24	27	25	30	14	23	30	20
Neither support nor oppose (%)	24	13	10	18	29	34	39	31
Somewhat oppose (%)	7	2	-	5	3	14	11	15
Strongly oppose (%)	9	0	-	0	19	18	5	24
No response (%)	0	0	0	-	-	1	2	-

High-voltage power lines to distribute clean energy

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	31	40	44	34	30	24	25	23
Somewhat support (%)	27	28	29	27	27	26	28	25
Neither support nor oppose (%)	33	26	23	30	35	39	41	38
Somewhat oppose (%)	4	3	2	4	4	6	4	7
Strongly oppose (%)	4	3	1	4	4	5	2	6
No response (%)	0	1	-	1	-	0	-	0

Nuclear power plants

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	22	19	23	13	25	28	16	34
Somewhat support (%)	22	22	22	21	21	24	23	24
Neither support nor oppose (%)	31	30	24	36	34	29	37	25
Somewhat oppose (%)	15	20	20	20	8	11	15	9
Strongly oppose (%)	9	10	10	10	12	7	8	7
No response (%)	0	0	-	0	-	0	1	0

3.5 How much do you support or oppose building the following in your local area?

Solar farms

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	35	53	62	42	29	15	22	12
Somewhat support (%)	26	25	23	26	26	28	36	24
Neither support nor oppose (%)	25	18	12	25	34	30	29	31
Somewhat oppose (%)	6	3	1	5	1	13	8	15
Strongly oppose (%)	7	1	1	1	11	14	6	18
No response (%)	0	0	0	1	-	-	-	-

Wind farms

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	32	49	56	40	30	15	24	10
Somewhat support (%)	25	25	25	25	22	24	27	22
Neither support nor oppose (%)	25	21	16	27	33	27	30	25
Somewhat oppose (%)	8	3	2	5	3	15	12	16
Strongly oppose (%)	10	2	1	2	12	20	7	26
No response (%)	0	0	-	0	-	-	-	-

Electric vehicle charging stations

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	34	57	68	44	29	9	13	8
Somewhat support (%)	24	26	22	31	16	23	25	22
Neither support nor oppose (%)	25	14	9	21	36	34	41	31
Somewhat oppose (%)	7	2	1	3	3	14	11	16
Strongly oppose (%)	10	1	1	1	16	19	9	25
No response (%)	0	0	-	0	-	0	1	-

High-voltage power lines to distribute clean energy

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	25	35	41	28	22	14	13	15
Somewhat support (%)	29	30	30	29	20	31	34	30
Neither support nor oppose (%)	33	27	22	33	46	37	38	36
Somewhat oppose (%)	7	5	5	5	3	9	13	8
Strongly oppose (%)	6	3	2	5	9	8	2	10
No response (%)	0	0	-	1	-	1	-	1

Nuclear power plants

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	15	13	15	10	18	18	8	23
Somewhat support (%)	20	20	22	17	20	22	24	21
Neither support nor oppose (%)	29	28	21	36	28	29	34	27
Somewhat oppose (%)	16	16	17	15	18	15	16	15
Strongly oppose (%)	19	23	25	21	16	15	18	14
No response (%)	0	0	-	1	-	0	-	1

3.6 If Congress does not take further action on global warming, would you support or oppose a U.S. president declaring global warming a national emergency to act on it without Congress?

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	23	41	50	32	15	4	4	3
Somewhat support (%)	32	45	40	51	31	15	34	6
Somewhat oppose (%)	14	10	10	11	25	17	28	11
Strongly oppose (%)	29	3	1	6	27	63	30	78
No response (%)	2	1	0	1	2	2	3	1

4.1 How much, if anything, have you heard or read about the federal law called the “Inflation Reduction Act of 2022” (also known as the “IRA”), a bill that was passed by the U.S. Congress and signed by President Biden? Have you heard...

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base (%)	938	435	240	193	78	385	114	270
A lot (%)	13	13	17	8	9	16	6	21
Some (%)	29	29	32	26	25	31	24	34
Only a little (%)	24	27	29	24	25	20	23	19
Nothing at all (%)	33	31	22	41	40	33	47	26
No response (%)	0	-	-	-	-	-	-	-

4.2 What, if anything, is the first thing that comes to mind when you think about the Inflation Reduction Act of 2022 (IRA)?

Note: Responses can be recorded in more than one category

	All Registered Voters	Liberal Democrats	Moderate/Conservative Democrats	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	240	193	114	270
Haven't heard of IRA (%)	47	38	59	59	37
Skepticism (%)	16	3	2	18	42
Climate/Clean energy (%)	8	15	9	4	3
Economic benefits (%)	8	14	11	4	3
Other (%)	7	13	9	2	3
Economic harm (%)	7	1	1	7	15
Economic neutral (%)	6	10	6	5	4
Don't know (%)	5	4	6	4	3
Drug prices (%)	2	4	3	1	0
Infrastructure (%)	1	2	3	-	1

4.3 How much do you support or oppose this law?

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly support (%)	34	60	71	45	28	5	9	3
Somewhat support (%)	34	35	26	47	33	32	57	20
Somewhat oppose (%)	11	3	2	3	15	20	17	21
Strongly oppose (%)	20	2	0	3	22	42	16	55
No response (%)	2	1	0	2	3	2	1	1

4.4 Do you think the Inflation Reduction Act of 2022 (IRA) will increase or reduce each of the following, or will it not make much of a difference?

Global warming

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Increase (%)	7	3	3	4	15	9	12	8
Not make much difference (%)	43	25	25	25	40	66	52	72
Reduce (%)	34	57	61	51	21	10	18	6
Not sure (%)	16	14	10	20	24	15	18	13
No response (%)	1	1	1	1	-	1	-	1

Inflation

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Increase (%)	30	10	9	11	32	56	42	63
Not make much difference (%)	29	30	30	29	31	26	31	24
Reduce (%)	24	41	44	37	12	7	14	4
Not sure (%)	16	19	17	22	24	10	11	9
No response (%)	1	1	0	1	1	1	2	-

The cost of health care

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Increase (%)	24	8	5	11	29	43	31	49
Not make much difference (%)	34	33	32	33	25	37	37	36
Reduce (%)	27	43	48	37	24	9	17	6
Not sure (%)	15	16	15	18	23	10	14	8
No response (%)	1	1	-	2	-	0	1	-

Gas prices

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Increase (%)	36	15	12	19	45	60	47	67
Not make much difference (%)	30	35	37	34	16	27	34	23
Reduce (%)	20	33	33	32	19	6	11	3
Not sure (%)	14	16	19	13	20	7	9	6
No response (%)	0	0	-	1	-	-	-	-

The cost of electricity

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Increase (%)	37	16	13	20	47	61	49	66
Not make much difference (%)	27	33	32	33	20	23	26	22
Reduce (%)	18	30	30	29	11	6	12	4
Not sure (%)	17	21	25	17	21	10	13	8
No response (%)	1	1	-	2	1	0	-	0

Electricity power outages

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Increase (%)	41	58	65	49	33	24	35	19
Not make much difference (%)	31	16	14	18	36	49	41	54
Reduce (%)	8	9	9	10	9	6	4	7
Not sure (%)	19	16	12	22	22	20	20	20
No response (%)	0	0	-	1	-	0	-	0

Innovation in clean energy technologies (such as new kinds of batteries, nuclear fusion, etc.)

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Increase (%)	41	58	65	49	33	24	35	19
Not make much difference (%)	31	16	14	18	36	49	41	54
Reduce (%)	8	9	9	10	9	6	4	7
Not sure (%)	19	16	12	22	22	20	20	20
No response (%)	0	0	-	1	-	0	-	0

4.5 Do you think the Inflation Reduction Act of 2022 (IRA) will help or hurt each of the following, or will it not make much of a difference?

You personally

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Help (%)	22	38	41	34	16	5	7	3
Not make much difference (%)	42	45	45	44	35	41	43	40
Hurt (%)	20	3	1	5	21	41	25	48
Not sure (%)	15	14	13	17	28	13	23	8
No response (%)	1	0	-	1	-	1	1	1

Your family

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Help (%)	26	46	47	44	15	6	9	4
Not make much difference (%)	38	37	38	36	34	41	50	37
Hurt (%)	21	4	2	6	24	41	23	49
Not sure (%)	15	13	13	14	27	12	17	9
No response (%)	0	0	-	1	-	1	-	1

Future generations of people

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Help (%)	42	69	74	62	28	13	26	7
Not make much difference (%)	22	14	13	15	19	31	35	29
Hurt (%)	19	2	1	2	24	40	17	52
Not sure (%)	17	15	12	20	29	15	23	11
No response (%)	0	0	-	1	-	1	-	1

National security

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Help (%)	17	29	35	22	8	5	11	2
Not make much difference (%)	42	46	43	49	34	40	44	38
Hurt (%)	18	2	2	2	27	38	17	48
Not sure (%)	22	22	20	26	31	17	28	12
No response (%)	1	1	0	1	-	1	1	1

The economy and jobs in the U.S.

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Help (%)	35	61	67	53	23	9	15	6
Not make much difference (%)	23	18	15	22	17	30	37	27
Hurt (%)	25	4	1	7	34	49	28	59
Not sure (%)	16	17	17	17	26	12	20	7
No response (%)	1	0	-	1	-	1	1	1

The health of Americans

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Help (%)	35	60	68	49	20	11	22	6
Not make much difference (%)	35	23	20	27	32	48	47	49
Hurt (%)	14	2	0	3	23	28	12	35
Not sure (%)	15	15	12	19	25	12	18	9
No response (%)	1	1	-	1	-	1	1	1

Low-income communities and communities of color who are disproportionately harmed by pollution

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Help (%)	36	58	64	51	19	14	25	9
Not make much difference (%)	31	22	19	26	22	42	38	45
Hurt (%)	16	4	2	6	31	29	14	37
Not sure (%)	17	16	15	17	27	13	22	8
No response (%)	1	0	-	1	-	1	1	1

5.1 Do you think each of the following should be doing more or less to address global warming?**You personally**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Much more (%)	10	15	18	12	8	3	4	2
More (%)	39	56	62	48	32	20	36	12
Currently doing the right amount (%)	40	26	19	35	49	55	48	59
Less (%)	3	1	-	2	2	6	9	5
Much less (%)	8	1	1	2	10	15	3	21
No response (%)	1	1	0	2	-	1	1	0

Your local government officials

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Much more (%)	19	31	35	25	13	7	12	4
More (%)	35	50	51	48	37	16	30	9
Currently doing the right amount (%)	25	16	12	21	30	37	41	35
Less (%)	9	2	1	3	4	17	9	20
Much less (%)	11	1	0	2	15	23	7	30
No response (%)	1	1	0	1	-	1	1	1

Your governor

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Much more (%)	21	32	38	26	20	7	13	5
More (%)	33	45	45	44	35	17	32	11
Currently doing the right amount (%)	25	19	17	22	25	34	39	32
Less (%)	8	2	0	5	6	13	9	15
Much less (%)	13	0	0	0	14	27	6	36
No response (%)	1	1	0	2	-	1	1	1

The U.S. Congress

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Much more (%)	28	47	58	34	26	8	16	4
More (%)	30	39	36	42	35	17	29	12
Currently doing the right amount (%)	15	10	4	17	13	22	31	17
Less (%)	11	3	1	4	6	22	16	25
Much less (%)	15	1	0	2	19	30	8	41
No response (%)	1	1	1	1	-	1	1	0

President Biden

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Much more (%)	17	22	22	22	19	9	15	7
More (%)	33	49	55	42	37	14	29	7
Currently doing the right amount (%)	20	25	22	30	16	14	24	9
Less (%)	9	2	0	3	5	17	19	17
Much less (%)	21	1	0	2	23	45	13	60
No response (%)	1	1	0	1	-	1	1	0

Corporations and industry

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Much more (%)	41	64	77	49	38	14	31	6
More (%)	26	24	18	31	29	26	28	26
Currently doing the right amount (%)	19	7	4	10	20	33	28	36
Less (%)	6	3	0	5	4	11	7	13
Much less (%)	8	2	1	3	9	14	5	18
No response (%)	1	1	0	1	1	1	1	1

Citizens themselves

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Much more (%)	21	32	38	25	20	7	13	4
More (%)	39	51	52	49	39	26	42	18
Currently doing the right amount (%)	25	13	9	18	24	40	31	44
Less (%)	7	2	-	5	6	13	10	14
Much less (%)	7	1	0	1	10	14	3	20
No response (%)	1	1	0	2	-	1	1	1

The media

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Much more (%)	22	37	45	26	20	6	10	4
More (%)	29	39	40	38	28	16	33	9
Currently doing the right amount (%)	19	19	12	28	22	16	23	13
Less (%)	10	3	2	6	8	17	12	20
Much less (%)	20	1	1	2	21	43	20	54
No response (%)	1	1	0	1	-	1	1	0

The Democratic Party

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Much more (%)	19	28	30	25	21	9	17	6
More (%)	33	49	54	43	36	14	25	9
Currently doing the right amount (%)	18	20	16	25	15	14	26	9
Less (%)	10	2	-	5	8	19	16	21
Much less (%)	19	1	0	1	20	42	15	55
No response (%)	1	1	0	1	-	1	1	0

The Republican Party

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Much more (%)	37	63	78	44	22	10	20	6
More (%)	23	25	17	34	41	17	23	14
Currently doing the right amount (%)	22	7	4	12	16	42	42	42
Less (%)	8	3	1	6	2	13	8	15
Much less (%)	10	1	0	3	19	17	6	23
No response (%)	1	0	-	1	-	1	1	1

5.2 How much do you agree or disagree with the following statement? The U.S. government is responding well to the issue of global warming

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly agree (%)	1	1	1	1	2	1	1	1
Somewhat agree (%)	11	16	15	16	10	6	6	5
Neutral (%)	40	33	23	45	39	48	57	43
Somewhat disagree (%)	27	37	43	28	22	17	24	14
Strongly disagree (%)	21	14	17	9	26	28	11	35
No response (%)	0	-	-	-	-	1	-	1

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

Signed a petition about global warming, either online or in person

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Many times (6+) (%)	1	2	4	-	-	-	-	-
Several times (4-5) (%)	2	4	6	1	1	-	-	-
A few times (2-3) (%)	5	9	12	6	5	1	1	1
Once (%)	8	13	15	10	7	2	2	1
Never (%)	79	65	56	77	84	95	95	95
Don't know (%)	5	7	7	6	3	2	1	2
No response (%)	0	0	0	0	-	-	-	-

Donated money to an organization working on global warming

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Many times (6+) (%)	1	1	2	0	-	-	-	-
Several times (4-5) (%)	1	2	3	0	-	-	-	-
A few times (2-3) (%)	3	6	7	5	4	1	2	0
Once (%)	6	10	13	7	1	2	3	1
Never (%)	85	76	69	84	91	96	93	97
Don't know (%)	4	5	6	4	4	1	1	2
No response (%)	0	0	0	0	-	1	2	-

Volunteered your time to an organization working on global warming

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Many times (6+) (%)	1	0	1	-	-	1	-	1
Several times (4-5) (%)	1	1	1	1	-	-	-	-
A few times (2-3) (%)	1	2	3	1	2	0	-	0
Once (%)	2	3	4	3	1	0	1	-
Never (%)	93	89	87	92	96	98	99	97
Don't know (%)	2	3	4	3	2	1	-	1
No response (%)	0	0	0	0	-	-	-	-

6.2 When you contacted a government official did you...

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Urge them to take action to reduce global warming? (%)	8	15	20	8	7	1	1	1
Urge them to not take action to reduce global warming? (%)	1	0	0	-	-	1	3	0
Other (%)	1	0	-	1	5	0	-	0
Not asked (%)	91	85	79	92	88	98	96	98

6.3 How likely would you be to do each of the following things if a person you like and respect asked you to?**Write letters, email, or phone government officials about global warming**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Definitely would (%)	9	16	23	7	9	3	4	3
Probably would (%)	17	28	33	23	11	5	7	4
Probably would not (%)	23	26	21	31	24	17	21	16
Definitely would not (%)	34	13	8	20	36	60	42	68
Prefer not to answer (%)	3	3	2	3	4	3	7	2
Not sure (%)	14	14	12	16	15	11	19	8
No response (%)	0	1	0	1	-	-	-	-

Sign a petition about global warming, either online or in person

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Definitely would (%)	27	47	57	34	18	6	12	3
Probably would (%)	22	29	27	32	19	15	27	9
Probably would not (%)	10	7	5	9	10	15	15	15
Definitely would not (%)	25	5	1	9	28	50	22	63
Prefer not to answer (%)	3	2	1	2	7	3	5	2
Not sure (%)	12	10	8	13	17	11	20	7
No response (%)	1	1	0	1	-	0	-	0

Volunteer your time to an organization working on global warming

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Definitely would (%)	6	9	12	6	5	2	3	2
Probably would (%)	24	38	44	32	16	9	16	5
Probably would not (%)	20	22	20	24	16	18	18	18
Definitely would not (%)	32	10	6	16	37	58	36	68
Prefer not to answer (%)	3	2	2	2	6	3	6	1
Not sure (%)	16	17	15	19	20	11	20	6
No response (%)	1	1	1	1	-	-	-	-

Donate money to an organization working on global warming

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Definitely would (%)	8	13	17	8	7	3	6	2
Probably would (%)	23	38	43	31	6	9	18	5
Probably would not (%)	17	17	12	21	24	16	19	14
Definitely would not (%)	33	10	6	16	39	60	35	72
Prefer not to answer (%)	4	4	3	4	10	3	6	2
Not sure (%)	14	18	18	19	15	9	17	5
No response (%)	0	1	1	1	-	0	-	0

Meet with an elected official or their staff about global warming

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Definitely would (%)	7	11	14	6	9	4	3	5
Probably would (%)	17	24	27	21	19	10	16	7
Probably would not (%)	24	30	29	30	16	19	23	16
Definitely would not (%)	33	15	10	21	38	55	39	63
Prefer not to answer (%)	3	2	2	3	3	3	7	1
Not sure (%)	15	17	16	19	15	9	13	7
No response (%)	1	1	0	1	-	0	-	0

Support an organization engaging in non-violent civil disobedience (e.g., sit-ins, blockades, or trespassing) against corporate or government activities that make global warming worse

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Definitely would (%)	8	14	19	7	4	2	3	1
Probably would (%)	17	27	33	20	13	6	11	4
Probably would not (%)	18	22	20	24	18	13	16	12
Definitely would not (%)	39	18	9	29	42	66	44	76
Prefer not to answer (%)	3	2	2	2	7	3	5	2
Not sure (%)	15	16	16	17	16	11	22	6
No response (%)	0	1	0	1	-	-	-	-

Personally engage in non-violent civil disobedience (e.g., sit-ins, blockades, or trespassing) against corporate or government activities that make global warming worse

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Definitely would (%)	5	7	10	3	4	2	1	2
Probably would (%)	9	15	18	11	8	3	9	1
Probably would not (%)	22	31	32	30	19	11	17	9
Definitely would not (%)	47	27	21	35	48	73	55	81
Prefer not to answer (%)	3	3	2	3	8	3	7	2
Not sure (%)	13	16	15	17	12	8	13	6
No response (%)	0	1	0	1	-	-	-	-

6.4 How willing or unwilling would you be to get arrested as part of a non-violent civil disobedience action against corporate or government activities that make global warming worse?

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
I definitely would do it (%)	1	2	4	-	4	-	-	-
I probably would do it (%)	3	4	6	2	2	1	3	-
I probably would not do it (%)	3	6	9	4	1	1	2	-
I definitely would not do it (%)	4	6	7	4	3	3	4	2
Prefer not to answer (%)	0	0	-	0	-	-	-	-
Not sure (%)	2	4	4	4	1	1	-	1
Not asked (%)	86	78	71	86	88	95	91	97

6.5 How willing or unwilling would you be to join a campaign to convince elected officials to take action to reduce global warming?

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
I am participating in a campaign like this now (%)	1	2	3	0	-	0	1	-
I definitely would do it (%)	7	12	15	8	6	2	2	1
I probably would do it (%)	19	32	37	25	13	5	13	2
I probably would not do it (%)	15	15	14	16	13	15	20	13
I definitely would not do it (%)	31	10	5	16	40	56	31	68
Not sure (%)	22	26	23	29	23	15	21	12
Prefer not to answer (%)	6	4	3	5	5	7	12	4
No response (%)	0	0	-	1	-	0	1	-

7.1 How confident are you that people like you, working together, can...?

...affect what the federal government does about global warming

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Extremely confident (%)	3	5	6	4	5	2	2	2
Very confident (%)	10	15	17	13	5	5	7	4
Moderately confident (%)	28	38	42	34	24	17	29	11
Only a little confident (%)	28	29	28	31	28	26	32	23
Not at all confident (%)	30	12	8	17	37	50	30	60
No response (%)	1	1	-	1	1	1	1	1

...affect what corporations do about global warming

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Extremely confident (%)	3	4	4	5	3	2	3	2
Very confident (%)	9	12	14	11	4	5	7	5
Moderately confident (%)	23	31	32	29	19	15	25	11
Only a little confident (%)	30	32	33	30	28	27	33	23
Not at all confident (%)	34	21	18	24	44	50	31	59
No response (%)	1	1	-	1	1	1	1	1

8.1 How much do you agree or disagree with the following statements?**Schools should teach our children about the causes, consequences, and potential solutions to global warming**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	938	435	240	193	78	385	114	270
Strongly agree (%)	42	68	78	55	28	14	26	8
Somewhat agree (%)	33	27	20	35	40	38	50	32
Somewhat disagree (%)	9	3	0	5	16	15	16	15
Strongly disagree (%)	16	2	1	3	15	33	8	45
No response (%)	0	0	-	1	-	0	-	0

Appendix II: Survey Method

The data in this report are based on a nationally representative survey of 1,085 American adults, aged 18 and older. Results are reported for the subset of 938 registered voters who participated in the survey. The survey was conducted December 2–12, 2022. All questionnaires were self-administered by respondents in a web-based environment. The median completion time for the survey was 19 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) residential 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 given 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, 308 respondents, 268 of whom are registered voters included in this report, participated in a previous CCAM survey.

The survey instrument was designed by Anthony Leiserowitz, Seth Rosenthal, Jennifer Carman, Marija Verner, Sanguk Lee, Matthew Goldberg, and Jennifer Marlon of Yale University, and Edward Maibach, John Kotcher, and Teresa Myers of George Mason University. The categories for the content analysis of the open-ended responses about the Inflation Reduction Act (IRA) were developed by John Kotcher of George Mason University, and open-ended responses were coded by Patrick Ansah and Nicholas Badullovich of George Mason University. The figures and tables were designed by Sanguk Lee, Marija Verner, and Liz Neyens of Yale University.

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 was interviewed. Average margins of error, at the 95% confidence level, are as follows:

- All Registered Voters ($n = 938$): Plus or minus 3 percentage points.
- Democrats (total; $n = 435$): Plus or minus 5 percentage points.
- Liberal Democrats ($n = 240$): Plus or minus 6 percentage points.
- Moderate/conservative Democrats ($n = 193$): Plus or minus 7 percentage points.
- Independents ($n = 78$): Plus or minus 11 percentage points.
- Republicans (total; $n = 385$): Plus or minus 5 percentage points.
- Liberal/moderate Republicans ($n = 114$): Plus or minus 9 percentage points.
- Conservative Republicans ($n = 270$): Plus or minus 6 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 chart may total slightly higher or lower than 100%. Summed response categories (e.g., “strongly support” + “somewhat support”) 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%).

Instructions for coding Section 4.2: Open-ended responses about the Inflation Reduction Act (IRA)

A doctoral student and a postdoctoral fellow coded the open-ended responses using instructions and categories developed by one of the Primary Investigators. Percent agreement ranged from 93% – 99% for the categories coded. Differences between the two coders were resolved via discussion between them and the Primary Investigator. “Haven’t heard of IRA” classification was determined by a “nothing at all” response to the preceding question, “How much, if anything, have you heard about the Inflation Reduction Act of 2022 (also known as the IRA), a bill that was passed by the U.S. Congress and signed by President Biden?” Participants who provided that response were not shown this open-ended question. Definitions of the other categories used by the coders are listed below.

For the following variables, we code each survey response for the presence or absence (0 = absent; 1 = present) of the following categories listed below. The order in which the categories are mentioned in the survey response does not matter for the purposes of coding, simply the presence or absence of a particular category.

A survey response can be coded positive for multiple content variables. For example, the response, “Green energy scam” would be coded positive for both **climate/clean energy** (for the reference to green energy) and **skepticism** (for referring to it as a scam). Definitions for each content variable are provided below.

- **Climate Change/Clean Energy** – This category includes any reference to climate change, global warming, clean/renewable/green energy, the environment or sustainability. This includes any references to solar panels, wind, electric vehicles, energy efficient appliances, and reducing or transitioning away from fossil fuels (i.e. coal, oil, natural gas). Examples include: “Trying to get a handle on the climate crisis” “Climate resiliency and sustainability” “Green energy funding” “Incentives for individuals to purchase energy efficient cars, appliances, solar panels, etc.”
- **Infrastructure** – This category includes any reference to infrastructure or repairing roads and bridges. Examples include: “I think it was related to infrastructure” “Infrastructure, building and repairing roads and bridges” “Infrastructure support”
- **Economic Harm** – This category includes any reference to claims that the IRA will HARM the economy broadly, or that the respondent will personally experience financial HARM from the law. This includes claims that the law will REDUCE economic fairness and equality, or that the law will benefit high-income earners more than low-income earners. Examples include: “It’s not helping the poorest among us.” “More debt” “Cost me more and doesn’t do anything” “lose all money” “Some of the wrong people will get rebates.....”
- **Economic Benefits** – This category includes any reference to claims that the IRA will BENEFIT the economy broadly, or that the respondent will personally experience financial BENEFITS from the law. This includes claims that the law will INCREASE economic fairness and equality. Examples include: “Cheaper groceries and gas.” “lower costs” “making big companies and the wealthy pay their share of taxes.” “Alleviate the high costs of goods for those residing in the United States.”
- **Economic Neutral** – This category includes any NON-SPECIFIC reference to economic concepts without any explicit or implicit claims about how the law will affect economic outcomes. Examples include: “Money” “Economy” “Stock Market” “jobs” “interest rates” “tax credits”
- **Drug prices/healthcare costs** – This category includes any reference to drug prices or healthcare costs. Examples include: “drug costs” “Medicare can negotiate prices on some drugs” “Medicine prices” “Drug cost reduction”
- **Skepticism** – This category includes any general expression of negative sentiment or opposition to the IRA or reference to the claim that the IRA is wasteful, ineffective, deceptive in its name or intentions WITHOUT any explicit reference to economic harm. This also includes expression of negative affect toward major proponents of the law, including Democrats or Joe Biden. Examples include: “It’s a lie!” “Biden is an idiot!” “Government waste” “Lots of pork” “it does not fight inflation!” “It creates inflation.. another democrat scam” “That is a crock of ****”
- **Don’t Know/Nothing** – This category includes any response that expresses a lack of sufficient knowledge to provide an answer. Examples include: “Don’t know enough about it.” “Nothing” “Nothing comes to mind.” “None”
- **Other** – This category includes any responses that are intelligible, but that don’t fit at least one of the other categories.
- **Unintelligible** – This category includes any response that includes random strings of characters, OR a response that does not provide sufficient information to categorize it into one of the above categories. This category should only be applied if the ENTIRE response is unintelligible.
- **Skipped** – This category includes any response that is left blank or skipped over with a response of “n/a“, any other variation of “not applicable”.

Appendix III: Sample Demographics

Registered Voters

	<i>n</i> (unweighted)	% (weighted)
Total	938	100
Female	450	50
Male	488	50
Generation Z (1997 -)	61	10
Millennials (1981 - 1996)	208	26
Generation X (1965 - 1980)	238	26
Baby Boomers (1946 - 1964)	349	30
Silent (1928 - 1945)	82	7
Less than high school	37	7
High school	221	26
Some college	263	27
Bachelor's degree or higher	417	40
<\$25K	90	10
\$25K-<\$50K	137	14
\$50K-<\$75K	139	15
\$75K-<\$100K	127	14
\$100K-<\$125K	128	12
\$125K+	317	35
White, Non-Hispanic	702	66
Black, Non-Hispanic	86	11
Hispanic	95	14
2+ Races, Non-Hispanic	20	1
Other, Non-Hispanic	35	7
Northeast	163	18
Midwest	197	20
South	356	38
West	222	23

Full Sample

	<i>n</i> (unweighted)	% (weighted)
Total	1,085	100
Female	532	51
Male	553	49
Generation Z (1997 -)	88	12
Millennials (1981 - 1996)	252	27
Generation X (1965 - 1980)	282	27
Baby Boomers (1946 - 1964)	373	27
Silent (1928 - 1945)	90	7
Less than high school	60	10
High school	288	29
Some college	300	26
Bachelor's degree or higher	437	35
<\$25K	126	12
\$25K-<\$50K	179	16
\$50K-<\$75K	165	16
\$75K-<\$100K	134	13
\$100K-<\$125K	142	11
\$125K+	339	32
White, Non-Hispanic	776	62
Black, Non-Hispanic	109	12
Hispanic	134	17
2+ Races, Non-Hispanic	25	1
Other, Non-Hispanic	41	7
Northeast	182	17
Midwest	231	21
South	416	38
West	256	24

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