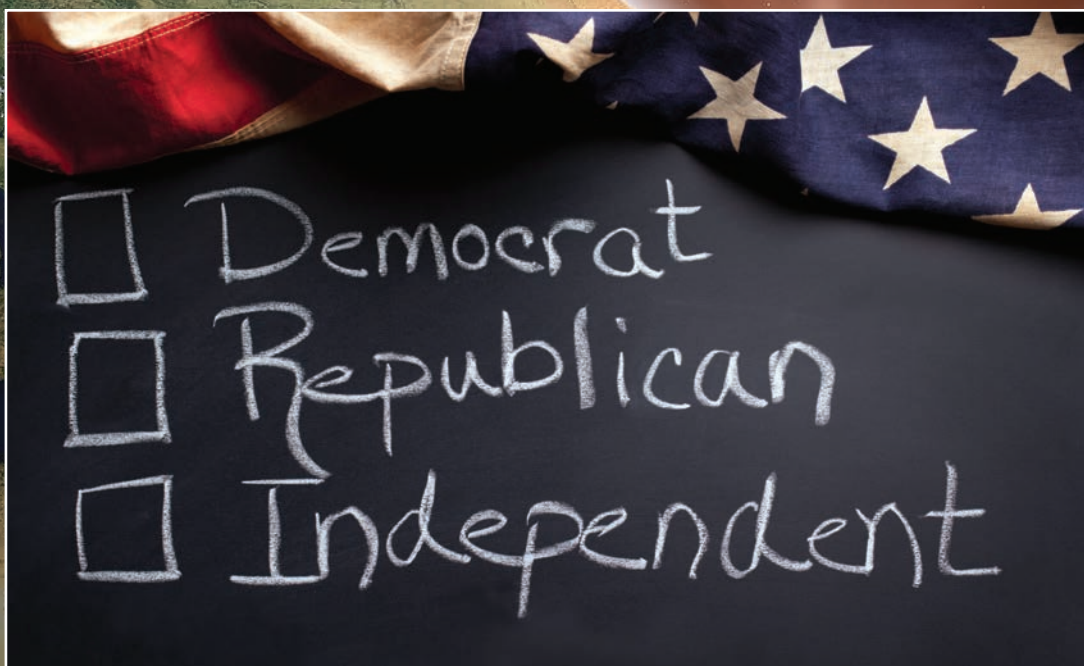


POLITICS & GLOBAL WARMING, OCTOBER 2017



YALE PROGRAM ON
Climate Change
Communication



GEORGE MASON UNIVERSITY
CENTER for CLIMATE CHANGE
COMMUNICATION

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Introduction

This report is based on findings from a nationally representative survey – *Climate Change in the American Mind* – conducted by the [Yale Program on Climate Change Communication](http://climatecommunication.yale.edu) (climatecommunication.yale.edu) and the [George Mason University Center for Climate Change Communication](http://climatechangecommunication.org) (climatechangecommunication.org). Interview dates: October 20 – November 1, 2017. Interviews: 1,304 Adults (18+), 1,109 of whom are registered to vote. Average margin of error for both the full sample and registered voter subset: +/- 3 percentage points at the 95% confidence level. The research was funded by the 11th Hour Project, the Energy Foundation, the Grantham Foundation, and the MacArthur Foundation.

Principal Investigators:

Anthony Leiserowitz, PhD
Yale Program on Climate Change Communication
anthony.leiserowitz@yale.edu

Edward Maibach, MPH, PhD
George Mason University Center for Climate Change Communication
emaibach@gmu.edu

Connie Roser-Renouf, PhD
George Mason University Center for Climate Change Communication
croserre@gmu.edu

Seth Rosenthal, PhD
Yale Program on Climate Change Communication
seth.rosenthal@yale.edu

Matthew Cutler, PhD
Yale Program on Climate Change Communication
matthew.cutler@yale.edu

John Kotcher, PhD
George Mason University Center for Climate Change Communication
jkotcher@gmu.edu

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Reading notes

- This report is based only on 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 Republicans or Democrats but who say they "lean" toward one party or the other in a follow-up question. The category "Independents" does not include any of these "leaners."
- In all tables and charts, bases specified are unweighted, but percentages are weighted.
- Weighted percentages among registered voters of each of the groups discussed in this report:
 - Democrats (total) including leaners: 47%
 - Liberal Democrats: 26%
 - Moderate/Conservative Democrats: 21%
 - (Moderate Democrats: 17%; Conservative Democrats: 4%)
 - Independents excluding leaners: 10%
 - Republicans (total) including leaners: 37%
 - Liberal/Moderate Republicans: 15%
 - (Liberal Republicans: 3%; Moderate Republicans: 12%)
 - Conservative Republicans: 22%
 - No party/Not interested in politics/Refused: 6% (included in results reported for "All Registered Voters" only)
- In the appendix tables, note that: -- = 0; * = >0 but <0.5.
- For tabulation purposes, percentage points are rounded off 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 (e.g., 1.3% + 1.3% = 2.6%, which, after rounding = 3%).

Executive Summary

Drawing on a nationally representative survey (n=1,304; including 1,109 registered voters), this report describes how registered Democratic, Independent, and Republican voters view global warming, climate change and energy policies, and personal and collective action.

Global Warming Beliefs and Attitudes

- Seven in ten registered voters (72%) think global warming is happening, including 97% of liberal Democrats, 89% of moderate/conservative Democrats and 63% of liberal/moderate Republicans, but only 37% of conservative Republicans. Belief that global warming is happening has declined among Republicans since the 2016 election.
- A majority of registered voters (54%) think global warming is caused mostly by human activities, including 83% of liberal Democrats and 67% of moderate/conservative Democrats, but only 41% of liberal/moderate Republicans and 21% of conservative Republicans. Belief that global warming is mostly human caused has declined among Republicans since the 2016 election.
- A majority of registered voters (63%) are "very" or "somewhat" worried about global warming, including 94% of liberal Democrats, 80% of moderate/conservative Democrats, and 55% of liberal/moderate Republicans, but only 23% of conservative Republicans. Worry about global warming has increased among Democrats, but has stayed relatively level among Republicans in recent years.

Climate Change and Energy Policies

Most registered voters support a range of policies to promote clean energy and reduce carbon pollution and dependence on fossil fuels. Democrats are the most likely to support such policies, but majorities of Independents and Republicans support many policies as well. These include:

- Funding more research into renewable energy sources such as solar and wind power (87% of registered voters, 96% of Democrats, 82% of Independents, and 76% of Republicans).
- Providing tax rebates to people who purchase energy-efficient vehicles or solar panels (83% of registered voters, 94% of Democrats, 74% of Independents, and 71% of Republicans).
- Regulating carbon dioxide as a pollutant (77% of registered voters, 92% of Democrats, 72% of Independents, and 61% of Republicans).
- Setting strict carbon dioxide emission limits on existing coal-fired power plants to reduce global warming and improve public health, even if the cost of electricity to consumers and companies would likely increase (70% of registered voters, 90% of Democrats, 61% of Independents, and 47% of 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 (69% of registered voters, 87% of Democrats, 59% of Independents, and 49% of Republicans).
- Generating renewable energy on public land in the United States (86% of registered voters, 91% of Democrats, 81% of Independents, and 81% of Republicans).

Additionally:

- Half of registered voters support expanding drilling for oil and natural gas off the U.S. coast (51% of registered voters, 35% of Democrats, 47% of Independents, and 72% of Republicans).
- About four in ten registered voters support drilling and mining for coal, oil, and natural gas on public land in the U.S. (44% of registered voters, 26% of Democrats, 49% of Independents, and 66% of Republicans).
- Only three in ten registered voters support drilling for oil in Alaska's Arctic National Wildlife Refuge (29% of registered voters, 15% of Democrats, 32% of Independents, and 46% of Republicans).
- More than eight in ten registered voters think the budget for the Environmental Protection Agency's work on global warming should either be increased (54%) or kept the same (28%). Only 16% of registered voters think the budget should be reduced. Only 4% of Democrats, 21% of Independents, and 32% of Republicans think the EPA's global warming budget should be reduced.
- A majority of registered voters (63%) think the federal government should be doing more to protect people from the impacts of global warming, such as flooding, drought, and heat waves. This includes nearly nine in ten Democrats (88%), about half of Independents (53%), and one in three Republicans (33%).
- Three in four registered voters (76%) support U.S. participation in the Paris Climate Agreement, including almost all Democrats (94%), two in three Independents (67%), and the majority of Republicans (56%).
- A majority of registered voters (63%) oppose the United States' decision to pull out of the Paris Climate Agreement, including 85% of Democrats and 58% of Independents, but only 38% of Republicans.
- A majority of registered voters (62%) think protecting the environment improves economic growth and provides new jobs. An additional 21% think protecting the environment has no effect on economic growth or jobs. By contrast, only 16% think protecting the environment reduces growth and costs jobs. Conservative Republicans are the only political group more likely to think protecting the environment reduces growth and jobs (39%) versus improves it (32%).
- When there is a conflict between environmental protection and economic growth, 75% of registered voters think environmental protection is more important, including nine in ten Democrats (92%), two in three Independents (67%), and more than half of Republicans (54%).
- A large majority of registered voters (79%, including 96% of Democrats, 77% of Independents, and 58% of Republicans) say that schools should teach children about the causes, consequences, and potential solutions to global warming.

Acting on Global Warming

Most registered voters say that a range of actors – in government, industry, and civil society – should be doing more to address global warming, regardless of what other countries do.

- Across party lines, a majority of registered voters say corporations and industry should do more to address global warming (74% of registered voters; 93% of Democrats, 71% of Independents, and 52% of Republicans).
- At least half of registered voters – including Democrats, Independents, and liberal/moderate Republicans, but not conservative Republicans – think citizens, the U.S. Congress, their own member of Congress, or their local government officials should do more to address global warming. Half or more Democrats and Independents think President Trump and their governor should do more. Eight in ten Democrats think the media should do more.
- A majority of registered voters (56%) think global warming should be a high or very high priority for the president and Congress, including more than four out of five Democrats (84%), but fewer Independents (44%), and only about one in four Republicans (23%).
- Most registered voters (69%) think the United States should reduce its greenhouse gas emissions, regardless of what other countries do. Majorities of liberal Democrats (92%), moderate/conservative Democrats (80%), and liberal/moderate Republicans (59%) take this position, as well as four in ten conservative Republicans (41%).

Individual and Collective Action

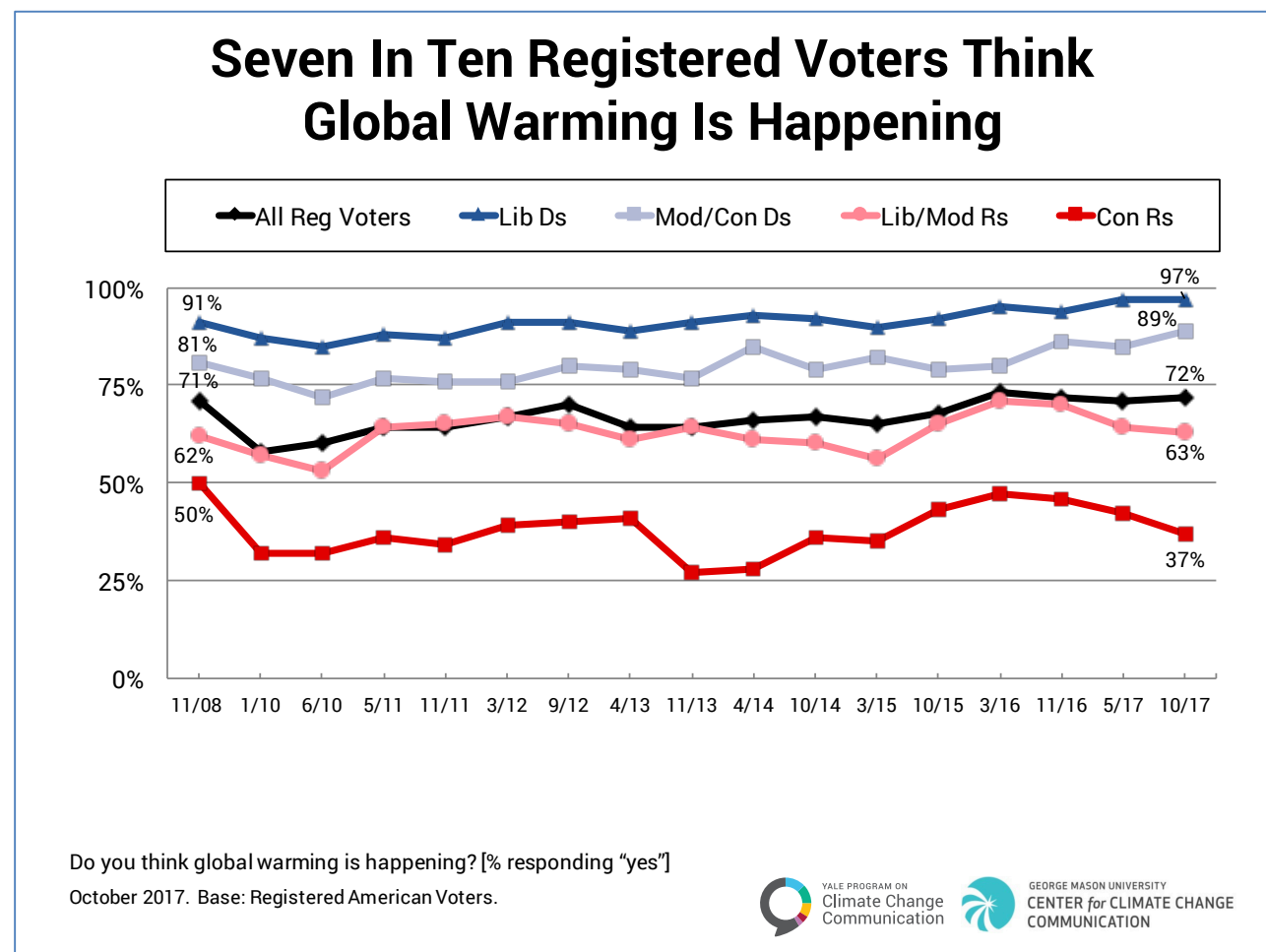
More voters say they are willing to advocate for climate policy with their elected representatives than have actually done so.

- About four in ten registered voters are participating in (2%), or would definitely (12%) or probably (24%) participate, in a campaign to convince elected officials to take action to reduce global warming (59% of Democrats, 29% of Independents, but only 14% of Republicans).
- However, only about one-third of that number (12%) say they have actually contacted an elected official during the past 12 months to urge them to take action to reduce global warming, although the rate is much higher among liberal Democrats (30%).
- A majority of registered voters (53%) would vote for a candidate for public office because of their position on global warming (76% of Democrats, 44% of Independents, and 30% of Republicans).
- About a third of registered voters say that, if asked by someone they like and respect, they would donate money to an organization working on global warming (37%), contact an elected official about global warming (35%), volunteer for an organization working on global warming (34%), or meet with an elected official or their staff about global warming (31%).
- About one in five registered voters have posted comments online about global warming (21%), or volunteered with or donated money to an organization working to reduce global warming (19%). One in twelve have attended a community meeting or rally about global warming (8%).
- One third of registered voters (34%) think elected officials are influenced by the advocacy actions of citizens when considering policies to reduce global warming, and three in ten (31%) think officials are influenced by citizens' actions when deciding whether to repeal environmental protections.

1. The Politics of Global Warming Beliefs

1.1. Seven in ten registered voters think global warming is happening.

Seven in ten registered voters (72%) think global warming is happening. This includes nearly all liberal Democrats (97%; six percentage points higher than in our first survey in 2008), about nine in ten moderate/conservative Democrats (89%; eight points higher than in 2008), and a majority of liberal/moderate Republicans (63%). In contrast, fewer than half of conservative Republicans (37%) think global warming is happening – 13 percentage points lower than in 2008, and 9 points lower than one year ago, just after the election of President Trump. (see Table, pp. 29–30).

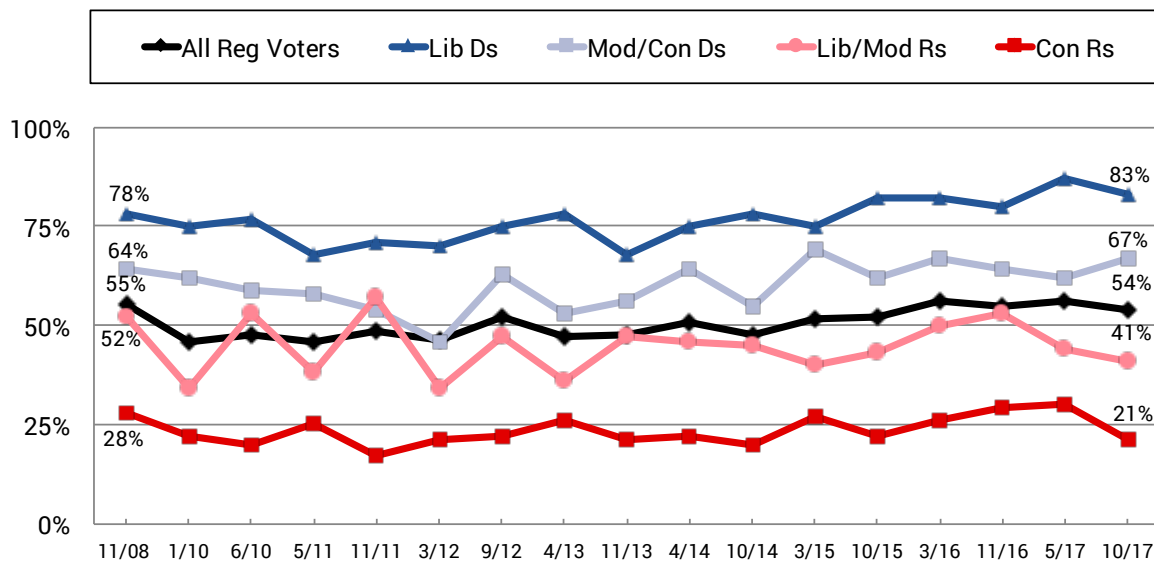


1.2. A majority of registered voters think global warming is caused mostly by human activities.

A majority of registered voters (54%) think global warming is caused mostly by human activities. This includes a large majority of liberal Democrats (83%; five percentage points higher than in our first survey in 2008, but four percentage points lower than in our previous survey in May 2017 – see Table, pp. 31–34). A majority of moderate/conservative Democrats (67%) also think global warming is mostly human-caused.

Fewer than half of liberal/moderate Republicans (41%; 11 points lower than in 2008) think global warming is caused mostly by human activities. Only two in ten conservative Republicans (21%) think global warming is mostly human-caused, a decrease of nine points since May.

A Majority of Registered Voters Think Global Warming Is Caused Mostly By Human Activities



Assuming global warming is happening, do you think it is...? (a) caused mostly by human activities; (b) caused mostly by natural changes in the environment; (c) Other (please specify); (d) None of the above because global warming isn't happening. [% responding "caused mostly by human activities"]

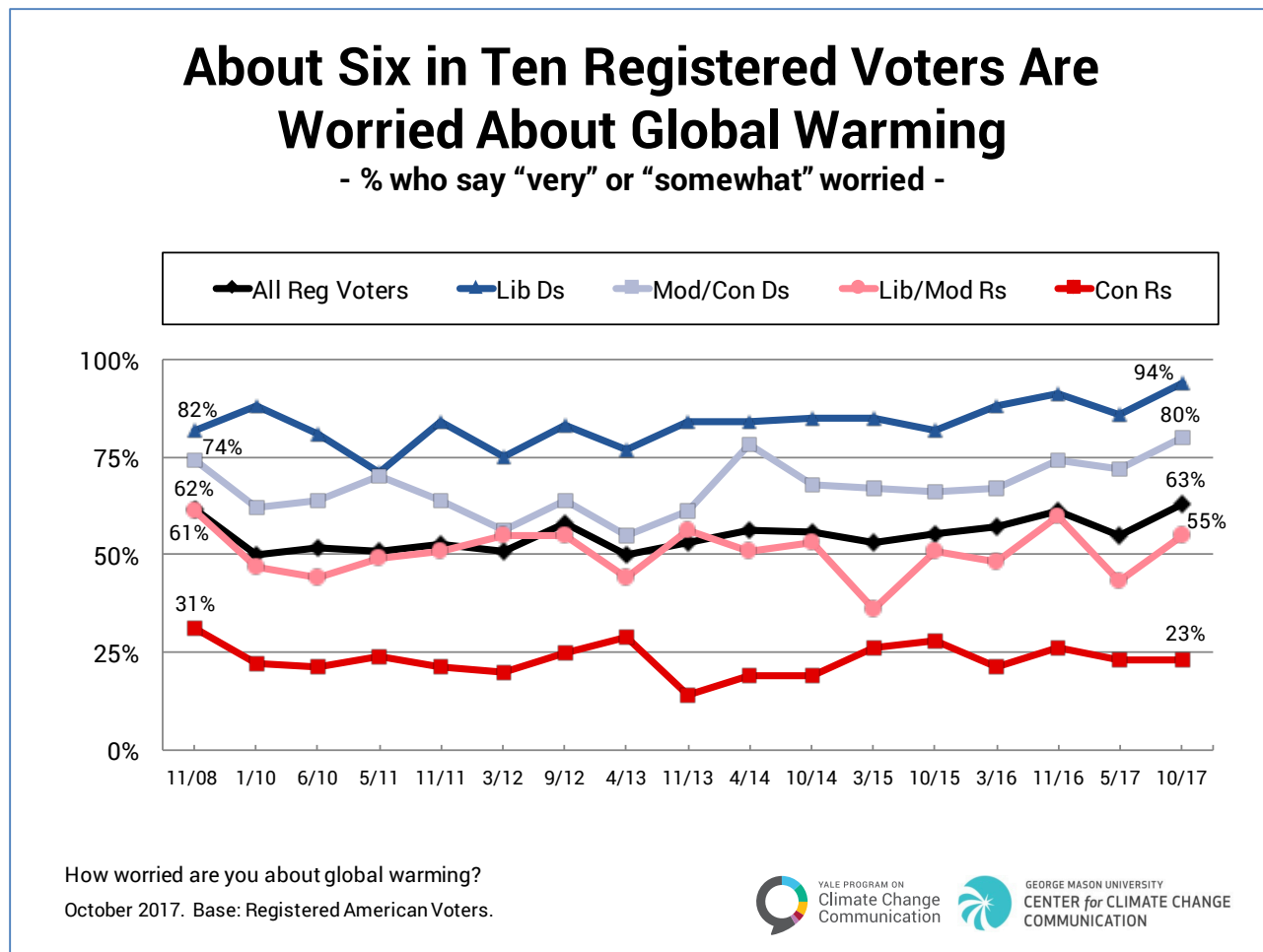
October 2017. Base: Registered American Voters.



1.3. About six in ten registered voters are worried about global warming.

A majority of registered voters (63%; eight points higher than in our previous survey in May, 2017; see Table, pp. 35–36) are "very" or "somewhat" worried about global warming. This includes large majorities of liberal Democrats (94%; eight points higher than in May) and moderate/conservative Democrats (80%; also an eight-point increase).

More than half of liberal/moderate Republicans (55%; 12 points higher than in May) are worried about global warming. About one in four conservative Republicans (23%) are worried about global warming.



2. Should the United States Act on Global Warming?

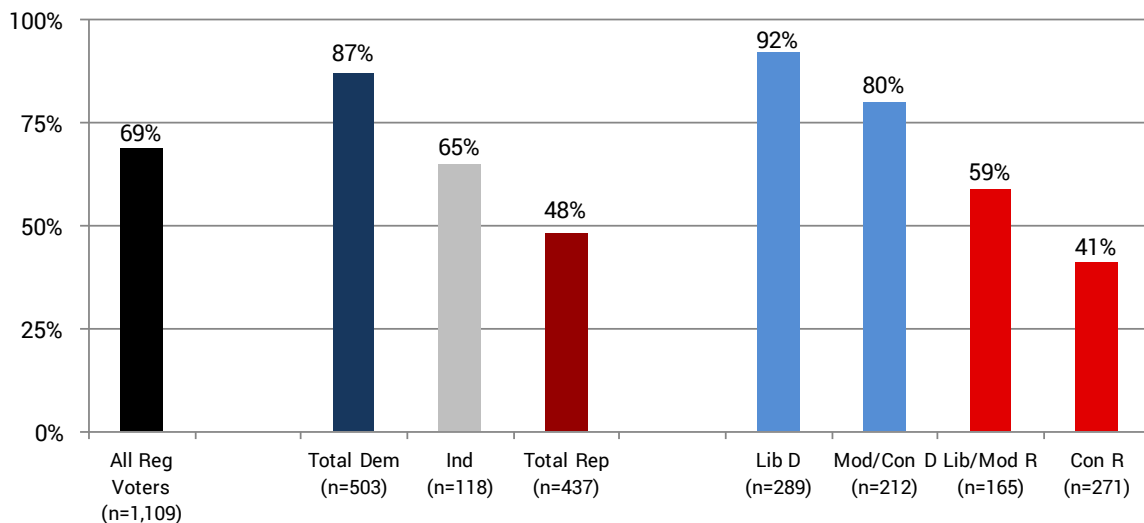
2.1. Seven in ten registered voters say the United States should reduce its greenhouse gas emissions, regardless of what other countries do.

Most registered voters think the United States should reduce its greenhouse gas emissions, regardless of what other countries do (69%). Majorities of liberal Democrats (92%), moderate/conservative Democrats (80%), and liberal/moderate Republicans (59%) take this position, as well as four in ten conservative Republicans (41%).

Only 5% of registered voters (including only 1% of Democrats and 4% of Independents, but 12% of Republicans) say the United States should *not* reduce its emissions (see Table, p. 37).

Seven in Ten Registered Voters Say the U.S. Should Reduce Its Greenhouse Gas Emissions Regardless of What Other Countries Do

“The U.S. should reduce its greenhouse gas emissions...regardless of what other countries do”



The United States should reduce its greenhouse gas emissions...(a) regardless of what other countries do; (b) only if other industrialized countries reduce their emissions; (c) only if other industrialized and developing countries reduce their emissions; (d) The U.S. should not reduce its emissions; (e) don't know.

October 2017. Base: Registered American Voters.

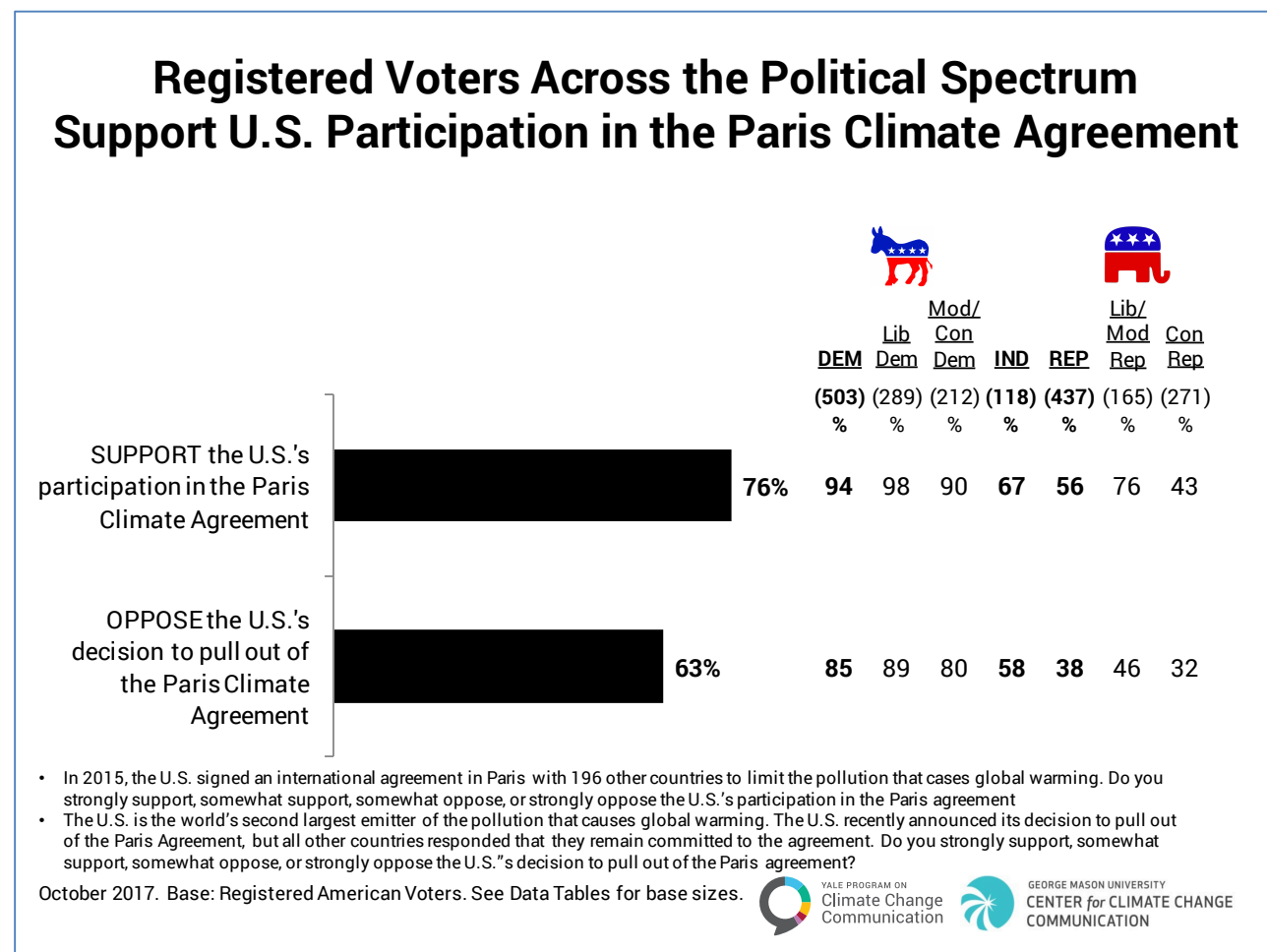


2.2. Registered voters across the political spectrum support U.S. participation in the Paris Climate Agreement

In December 2015, officials from 197 countries (nearly every country in the world) met in Paris at the United Nations Climate Change Conference and negotiated a global agreement to limit global warming. On Earth Day, April 2016, the United States and 174 other countries signed the agreement, with all of the other countries following suit since then. On June 1, 2017, President Trump announced that the United States will withdraw from the agreement.

In direct contrast to President Trump's decision, three in four registered voters (76%) support U.S. participation in the Paris Climate Agreement. Support ranges across most of the political spectrum, including a large majority of Democrats (94%, including 98% of liberal Democrats), two in three Independents (67%), and the majority of Republicans (56%, including 43% of conservative Republicans).

Similarly, the majority of registered voters (63%) oppose the United States' decision to pull out of the Paris Climate Agreement, including 85% of Democrats and 58% of Independents, but only 38% of Republicans.



3. Who is Responsible for Action on Global Warming?

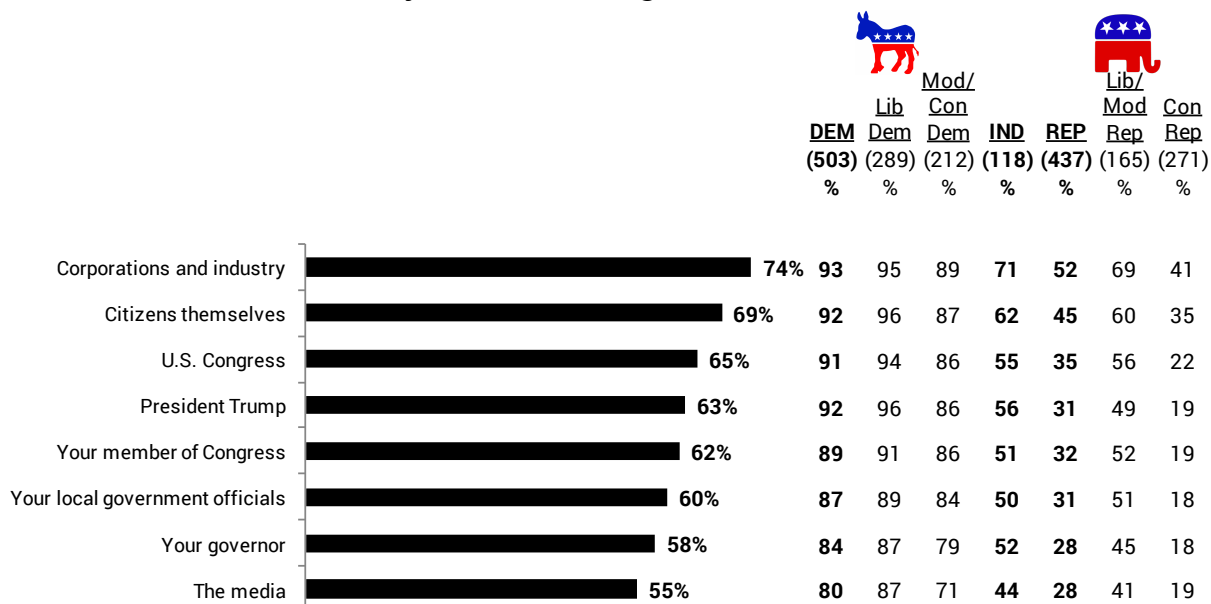
3.1. Three in four registered voters want corporations and industry to do more to address global warming. Voters also want more action from citizens and government.

Across party lines, a majority of registered voters say corporations and industry should do more to address global warming (74% of all registered voters; 93% of Democrats, 71% of Independents, and 52% of Republicans).

Half or more of registered voters, including Democrats, Independents, and liberal/moderate Republicans, but not conservative Republicans, think citizens, the U.S. Congress, their own member of Congress, or their local government officials should do more to address global warming. Half or more Democrats and Independents think President Trump and their governor should also do more, and most Democrats think the media should do more.

Three in Four Registered Voters Want Corporations and Industry To Do More to Address Global Warming

- % who say should be doing "much more" or "more" -



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

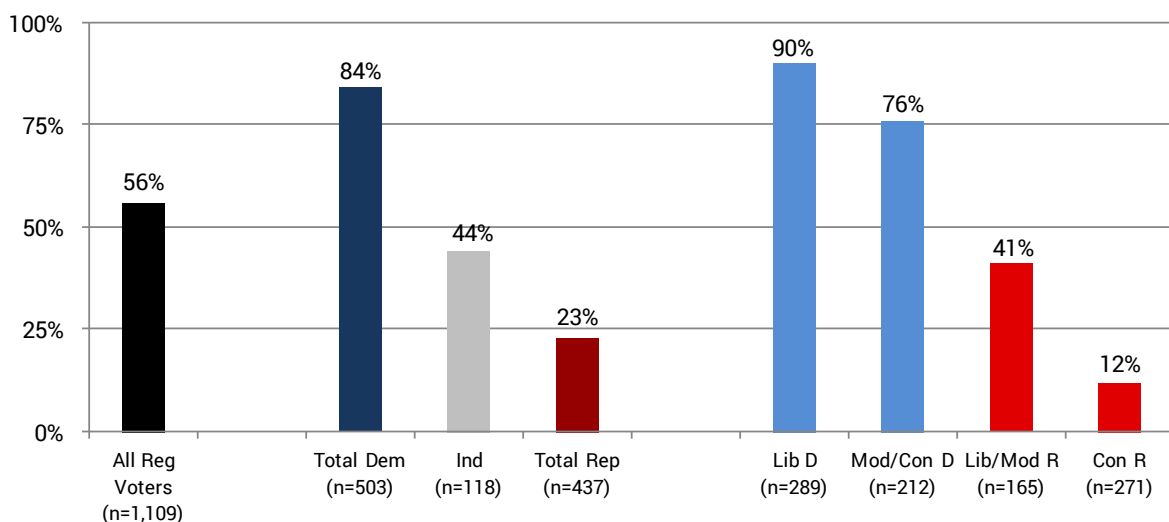
October 2017. Base: Registered American Voters (N=1,109).



3.2. A majority of registered voters think global warming should be a "high" or "very high" priority for the president and Congress.

A majority of registered voters (56%) think global warming should be a high or very high priority for the president and Congress, including more than four out of five Democrats (84%), but fewer Independents (44%) and Republicans (23%). Liberal Democrats are more than seven times more likely than conservative Republicans to think global warming should be a priority (90% versus 12%, respectively).

A Majority of Registered Voters Think Global Warming Should Be a "High" or "Very High" Priority For the President and Congress - % who say "high" or "very high" priority -



Do you think...global warming should be a low, medium, high, or very high priority for the president and Congress?

October 2017. Base: Registered American Voters.

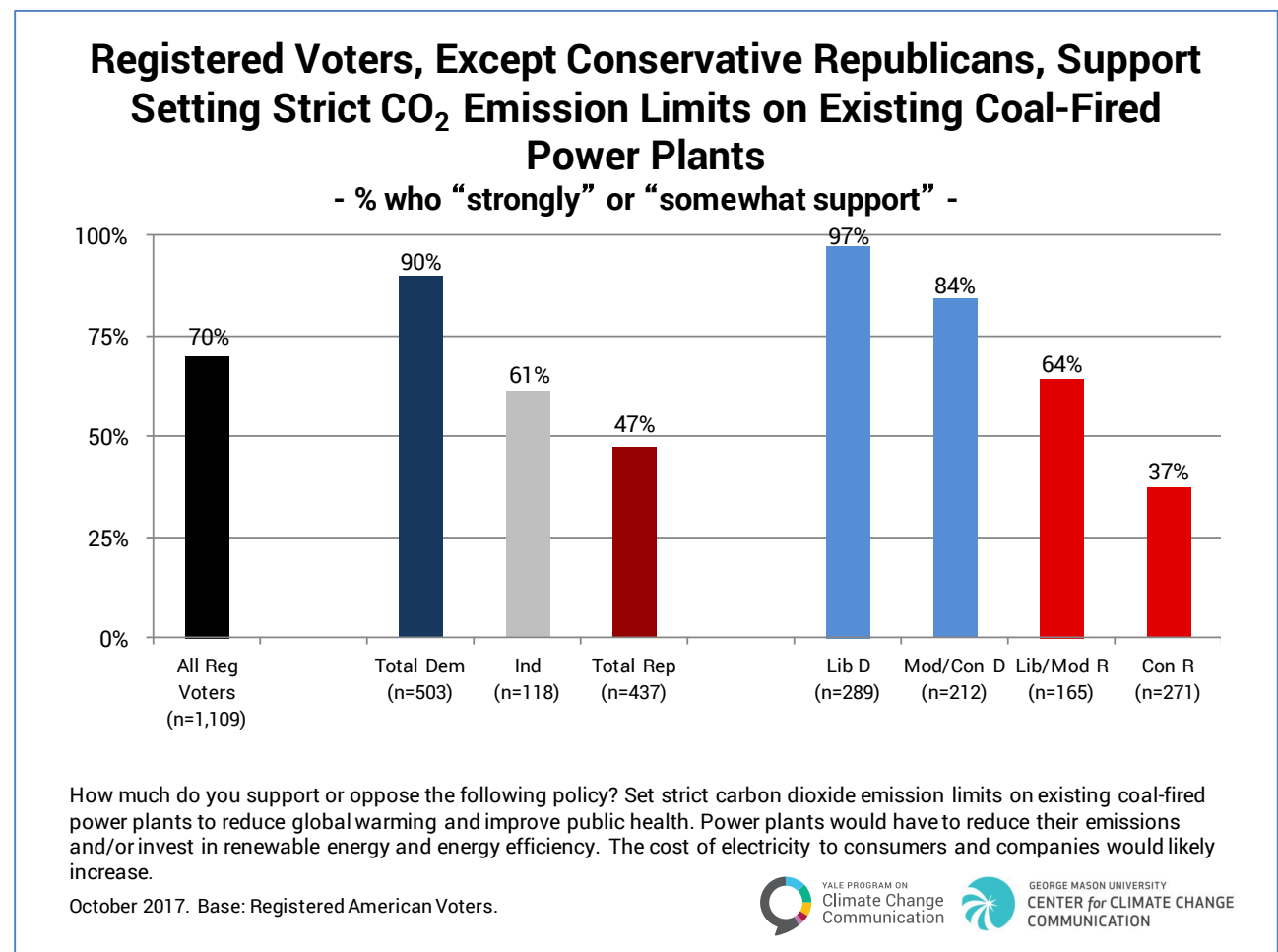


4. Support for Policies to Address the Pollution that Causes Global Warming

4.1. Registered voters, except conservative Republicans, support setting strict carbon dioxide emission limits on coal-fired power plants.

Seven in ten registered voters (70%) support setting strict carbon dioxide emission limits on existing coal-fired power plants to reduce global warming and improve public health, even if the cost of electricity to consumers and companies would likely increase.

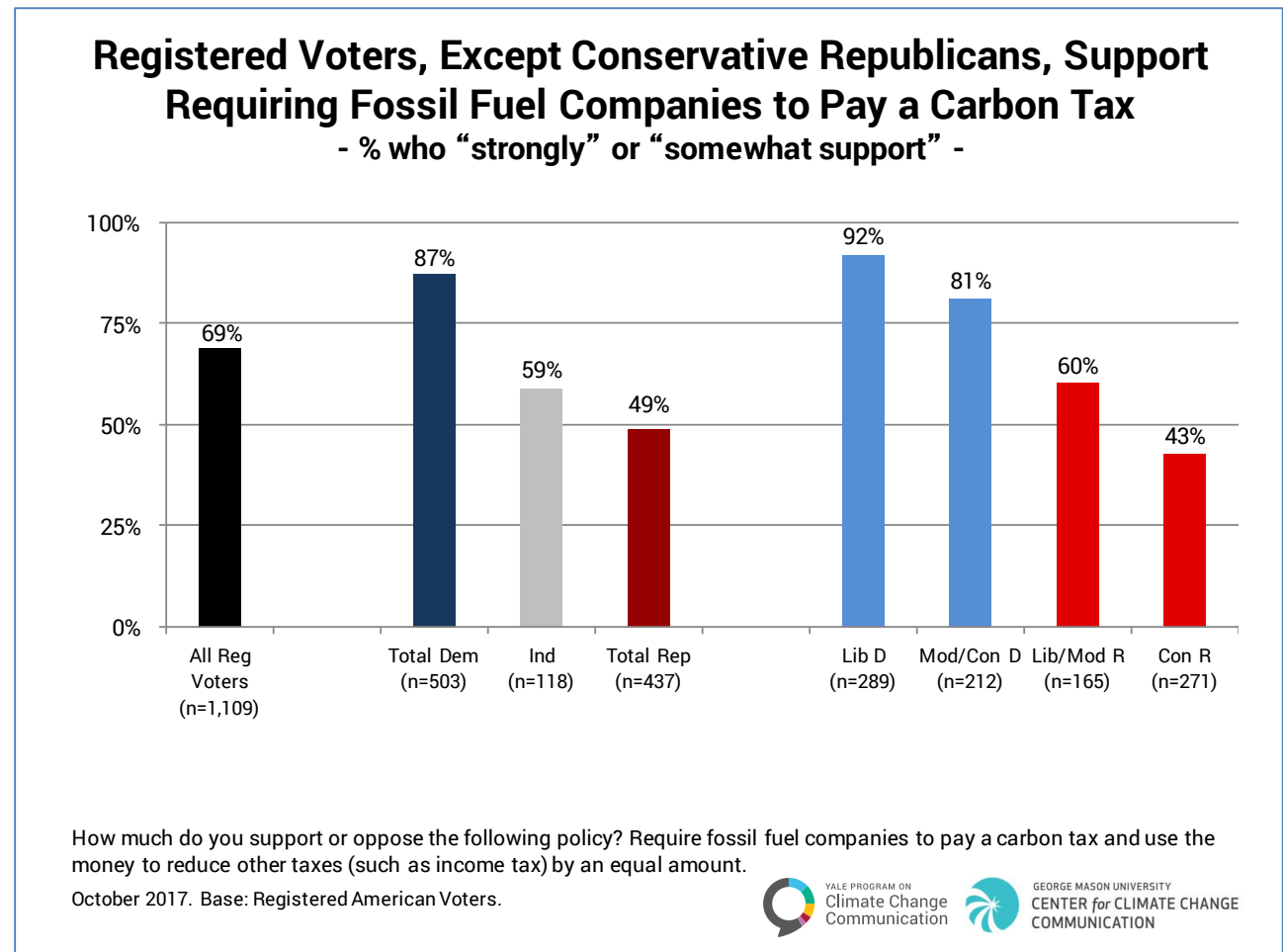
A majority of Democrats (90%) and Independents (61%) support setting strict limits. Fewer than four in ten (37%) conservative Republicans support such limits.



4.2. Registered voters, except conservative Republicans, support requiring fossil fuel companies to pay a carbon tax.

About seven in ten registered voters (69%) support 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 – a plan often referred to as a "revenue neutral carbon tax."

A large majority of Democrats (87%), about six in ten Independents (59%), and six in ten liberal/moderate Republicans (60%) support a revenue-neutral carbon tax. About four in ten conservative Republicans (43%) support such a tax.



4.3. Registered voters support diverse climate-friendly energy policies.

Registered voters support diverse energy policies, including many designed to reduce carbon pollution and dependence on fossil fuels, and to promote clean energy. Democrats are the most likely to support such policies, but majorities of Independents and Republicans do as well. Majorities across the political spectrum support:

- Funding more research into renewable energy sources: 87% of registered voters, 96% of Democrats, 82% of Independents, and 76% of Republicans.
- Generating renewable energy on public land in the United States: 86% of registered voters, 91% of Democrats, 81% of Independents, and 81% of Republicans.
- Providing tax rebates to people who purchase energy-efficient vehicles or solar panels: 83% of registered voters, 94% of Democrats, 74% of Independents, and 71% of Republicans.
- Regulating carbon dioxide as a pollutant: 77% of registered voters, 92% of Democrats, 72% of Independents, and 61% of Republicans.

Majorities of conservative Republicans support funding more research into renewable energy (70%), generating renewable energy on public lands (78%), providing tax rebates to people who purchase energy-efficient vehicles or solar panels (67%), and regulating carbon dioxide as a pollutant (55%).

Registered Voters Support Diverse Climate-Friendly Energy Policies

- % who say “strongly” or “somewhat support” policy -

| (Unweighted base) | Democrats | | | | | Republicans | | |
|---|----------------|-------|-------|---------|-------|-------------|---------|-------|
| | All Reg Voters | Total | Lib | Mod/Con | Ind | Total | Lib/Mod | Con |
| | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Fund more research into renewable energy sources such as solar and wind power | 87 | 96 | 97 | 95 | 82 | 76 | 84 | 70 |
| Generate renewable energy (solar and wind) on public land in the U.S. | 86 | 91 | 93 | 89 | 81 | 81 | 85 | 78 |
| Provide tax rebates for people who purchase energy-efficient vehicles or solar panels | 83 | 94 | 97 | 91 | 74 | 71 | 77 | 67 |
| Regulate carbon dioxide (the primary greenhouse gas) as a pollutant | 77 | 92 | 96 | 88 | 72 | 61 | 71 | 55 |
| Require electric utilities to produce at least 20% of their electricity from...renewables, even if it costs the average household an extra \$100/year | 64 | 82 | 89 | 74 | 49 | 46 | 62 | 36 |

How much do you support or oppose the following policies?

October 2017. Base: Registered American Voters.



4.4. Many registered voters, particularly Republicans, support fossil-fuel production policies.

Half of registered voters (51%) support expanding offshore drilling for oil and natural gas off the U.S. coast, including 72% of Republicans, 47% of Independents, and 35% of Democrats. Fewer registered voters (44%) support drilling and mining for fossil fuels on public land in the U.S., including 66% of Republicans and 49% of Independents, but only 26% of Democrats.

By contrast, fewer registered voters (29%) support drilling for oil in Alaska's Arctic National Wildlife Refuge (ANWR), while a large majority (69%) oppose it (see Table, p. 46). More than half of conservative Republicans (58%) support this policy, but liberal/moderate Republicans (29%), Independents (32%), and Democrats (15%) are much less likely to support oil drilling in ANWR.

Many Registered Voters, Particularly Republicans, Support Fossil-Fuel Production Policies

- % who say "strongly" or "somewhat support" policy -

| (Unweighted base) | All Reg Voters (1,109) | Democrats | | | Ind (118) | Republicans | | |
|--|---------------------------|----------------|--------------|----------------------|--------------|----------------|----------------------|--------------|
| | | Total (503) | Lib (289) | Mod/ Con (212) | | Total (437) | Lib/ Mod (165) | Con (271) |
| | | % | % | % | | % | % | % |
| Expand offshore drilling for oil and natural gas off the U.S. coast | 51 | 35 | 22 | 51 | 47 | 72 | 63 | 78 |
| Drill and mine for fossil fuels (coal, oil, and natural gas) on <u>public</u> land in the U.S. | 44 | 26 | 16 | 39 | 49 | 66 | 55 | 74 |
| Drill for oil in the Arctic National Wildlife Refuge | 29 | 15 | 9 | 24 | 32 | 46 | 29 | 58 |

How much do you support or oppose the following policies?

October 2017. Base: Registered American Voters.

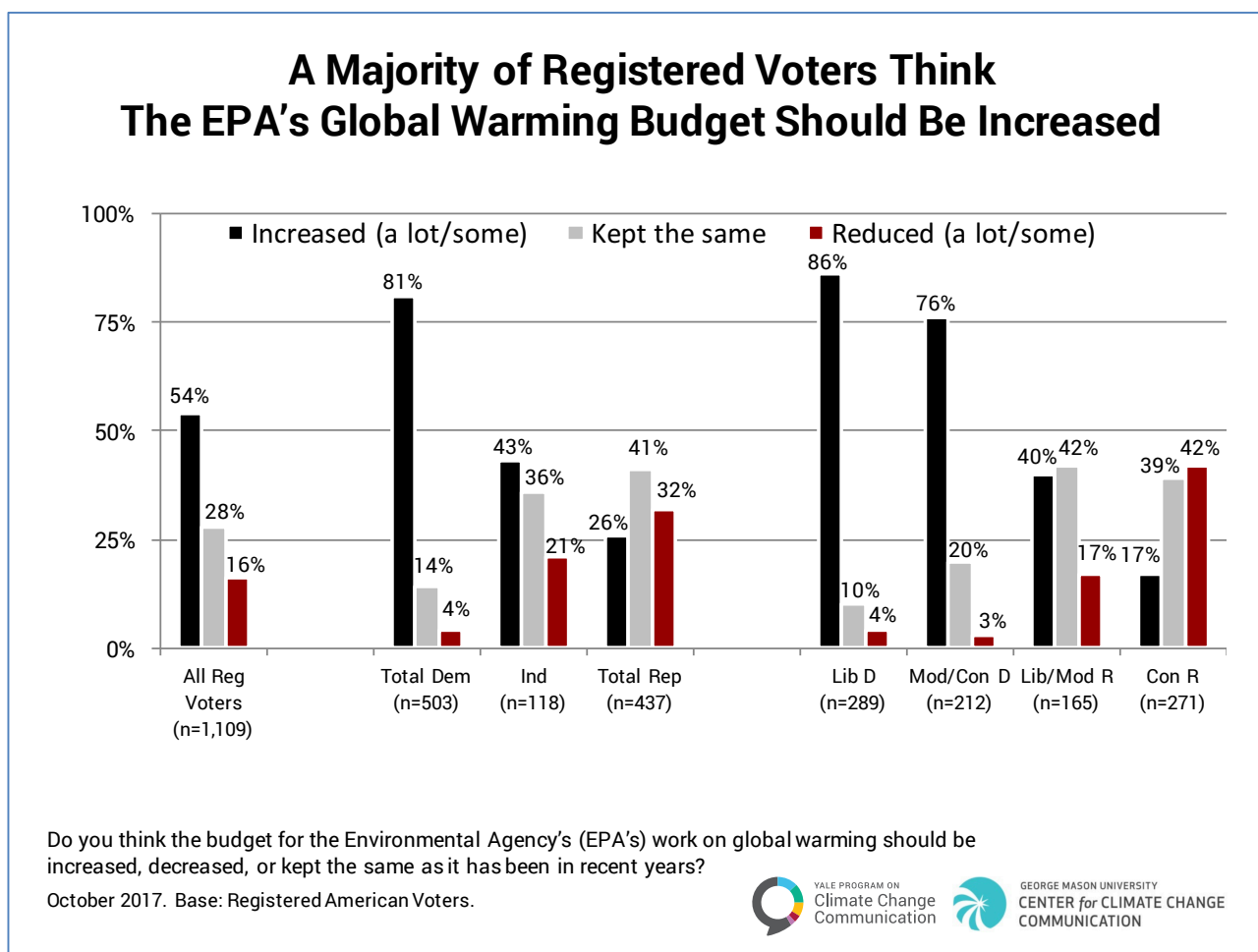


4.5. A majority of registered voters think the EPA's global warming budget should be increased.

More than eight in ten registered voters think the budget for the Environmental Protection Agency's work on global warming should be increased (54%) or kept the same (28%). Only 16% of registered voters think the budget should be reduced.

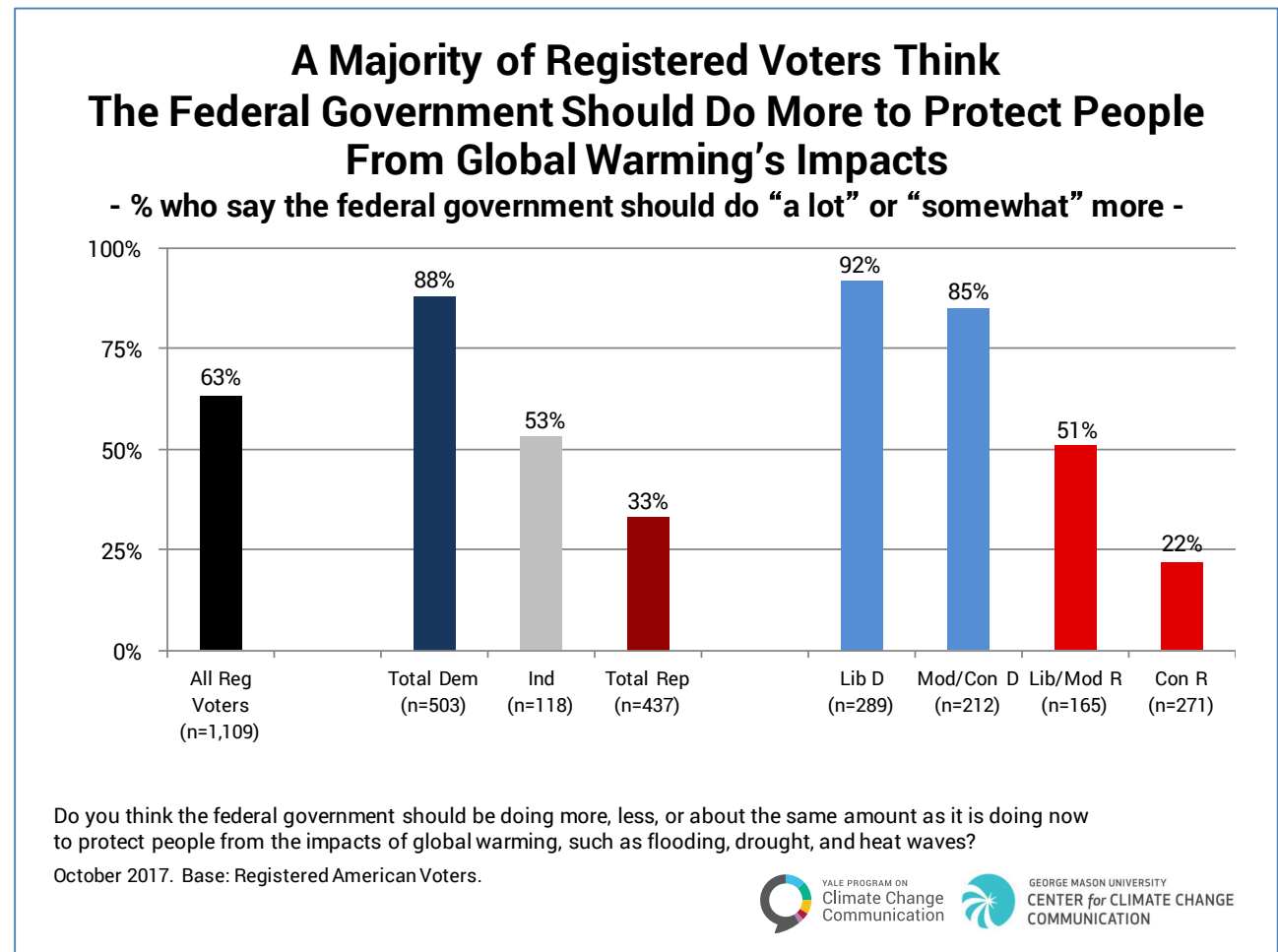
Nearly all Democrats think the EPA's global warming budget should either be increased (81%) or kept the same (14%), as do almost eight in ten Independents (increased = 43%; kept the same = 36%).

Two in three Republicans think the EPA's global warming budget should either be increased (26%) or kept the same (41%), including a majority of conservative Republicans who think the EPA's global warming budget should either be increased (17%) or kept the same (39%).



4.6. A majority of registered voters think the federal government should do more to protect people from global warming's impacts.

A solid majority of registered voters (63%) think the federal government should be doing more to protect people from the impacts of global warming, such as flooding, drought, and heat waves. This includes nearly nine in ten Democrats (88%), about half of Independents (53%), and one in three Republicans (33%).

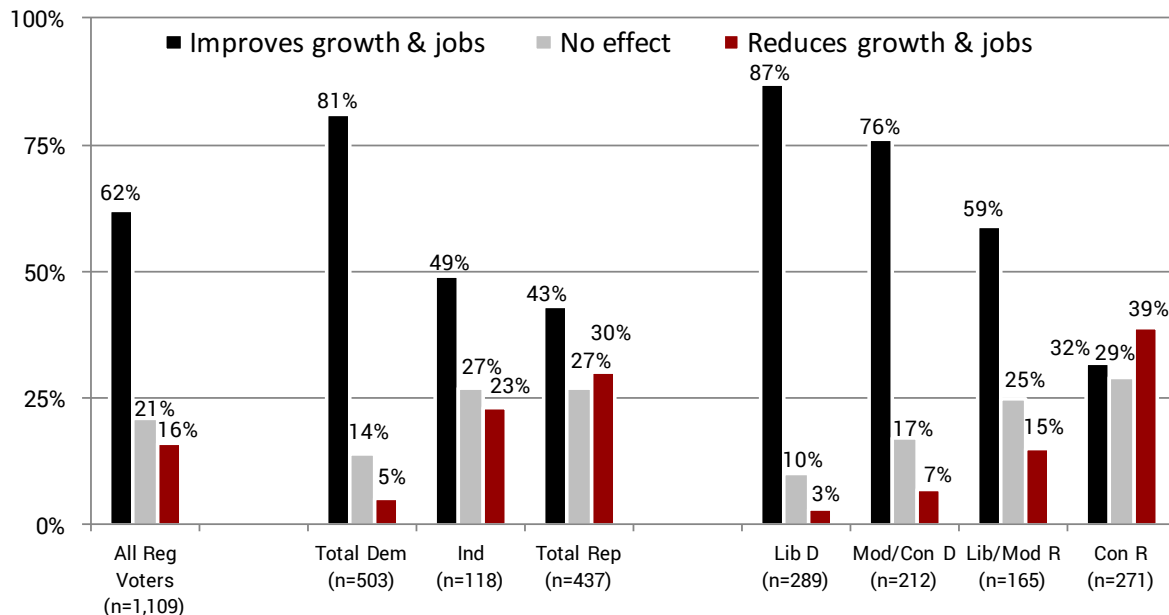


4.7. A majority of registered voters think protecting the environment improves economic growth and provides new jobs.

A solid majority of registered voters (62%) think protecting the environment improves economic growth and provides new jobs. An additional 21% think protecting the environment has no effect on economic growth or jobs. By contrast, only 16% think protecting the environment reduces growth and costs jobs.

Democrats are the most likely to think that protecting the environment improves growth and jobs (81%). About half of Independents (49%) and four in ten Republicans (43%, including 59% of liberal/moderate Republicans) also agree. Conservative Republicans are the only political group more likely to think protecting the environment reduces growth and jobs (39%) versus improves it (32%).

A Majority of Registered Voters Think Protecting the Environment Improves Economic Growth and Provides New Jobs



Do you think that protecting the environment: (a) improves economic growth and provides new jobs, (b) reduces economic growth and costs jobs, (c) has no effect on economic growth or jobs?

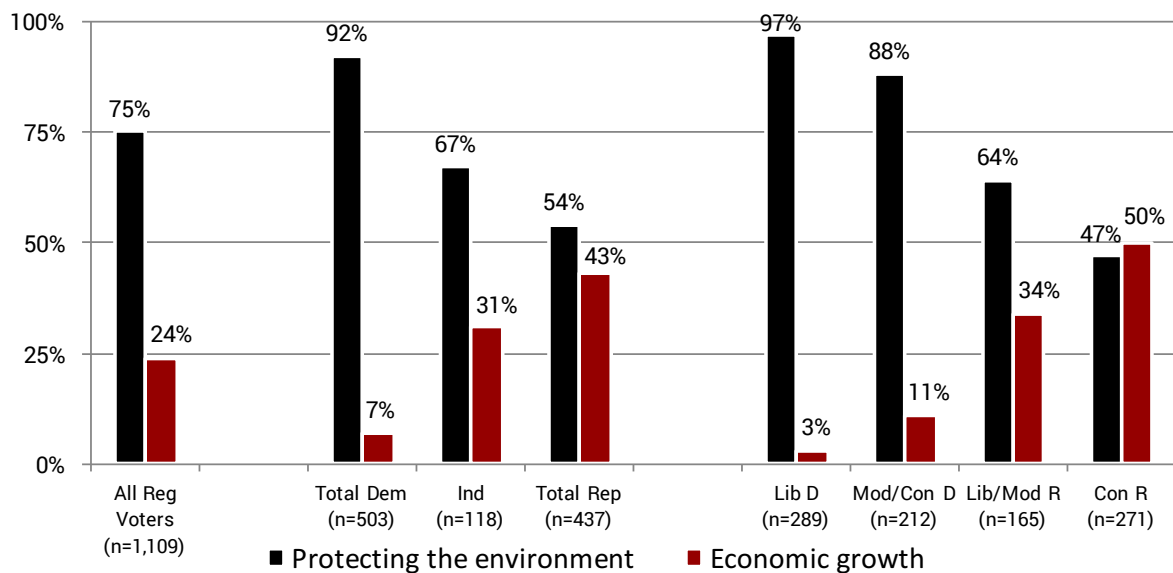
October 2017. Base: Registered American Voters.



4.8. Three in four registered voters think protecting the environment is more important than economic growth.

When there is a conflict between environmental protection and economic growth, 75% of registered voters think environmental protection is more important. This is true across most of the political spectrum, with nine in ten Democrats (92%), two in three Independents (67%), and more than half of Republicans (54%, 64% of liberal/moderate Republicans) in agreement. Only conservative Republicans are split – half (50%) think economic growth is more important while slightly fewer (47%) think environmental protection is more important.

Three In Four Registered Voters Think Protecting The Environment Is More Important Than Economic Growth



When there is a conflict between environmental protection and economic growth, which do you think is more important?

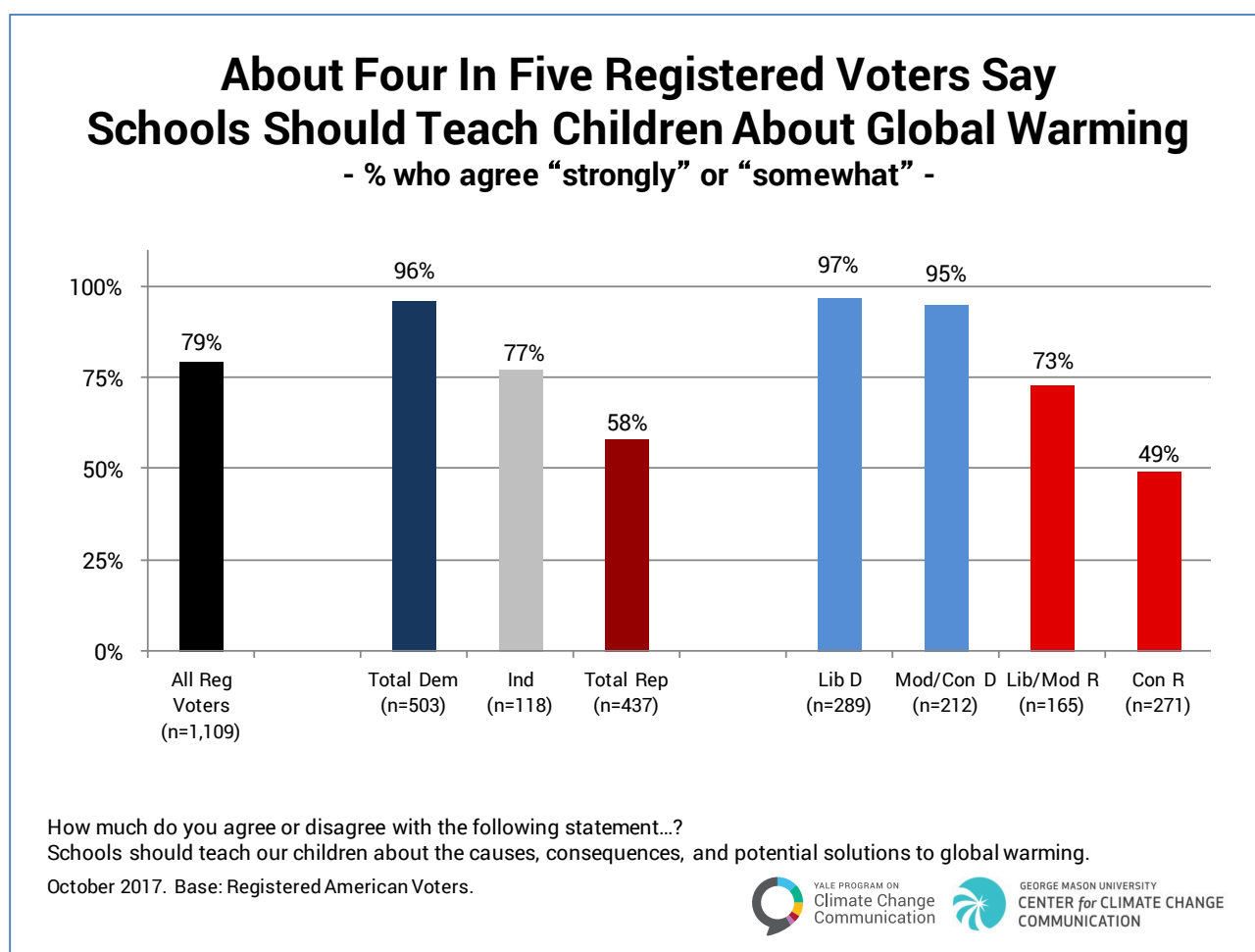
October 2017. Base: Registered American Voters.



4.9. About four in five 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 States¹ require that climate change be included in the curriculum, a mandate that is controversial in some parts of the country.

A large majority of registered voters (79%) support schools teaching children about the causes, consequences, and potential solutions to global warming. Support largely spans the political spectrum with nearly all Democrats (96%), about three in four Independents (77%), and a majority of Republicans (58%, 73% of liberal/moderate Republicans) saying they support teaching about global warming. Only conservative Republicans are split, with 49% supporting teaching about global warming in schools and 50% opposing it.



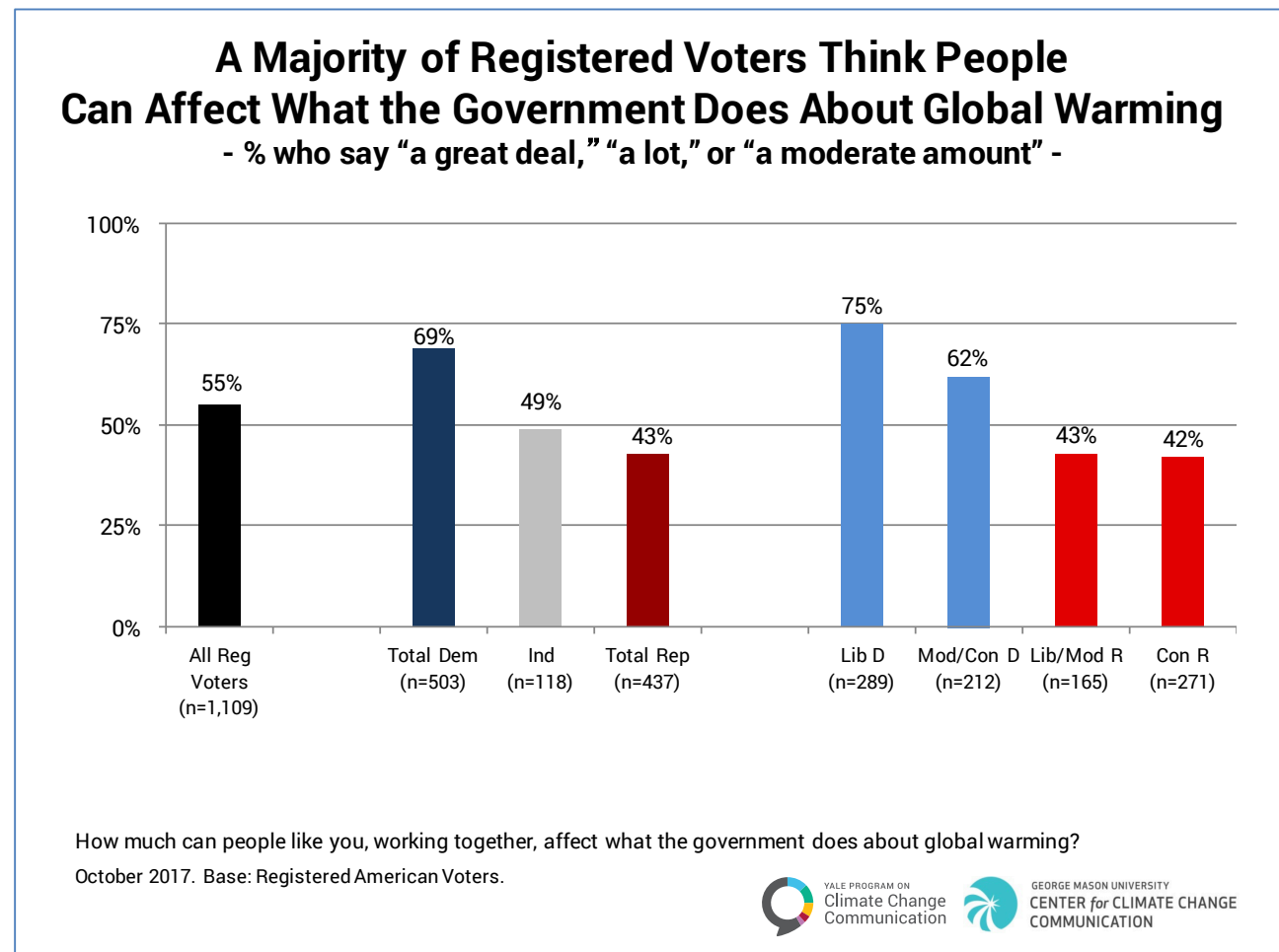
¹ The Next Generation Science Standards were developed by a collaboration of scientists and educators at the National Research Council of the National Academy of Sciences; the American Academy for the Advancement of Science; the National Teacher’s Association; 26 states; and Achieve (a non-profit organization). 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: <http://www.nextgenscience.org/>

5. Individual and Collective Action to Reduce Global Warming

5.1. A majority of registered voters think people can affect what the government does about global warming.

Perceptions of collective efficacy regarding global warming – the belief that like-minded citizens can work together to influence government action on global warming – is an important motivator for individuals to take action.² A majority of registered voters (55%) think that people like them, working together, can affect what the government does about global warming "a great deal" (8%), "a lot" (14%), or "a moderate amount" (33%).

About seven in ten Democrats (69%), half of Independents (49%), and four in ten Republicans (43%) think people can affect what the government does about global warming.



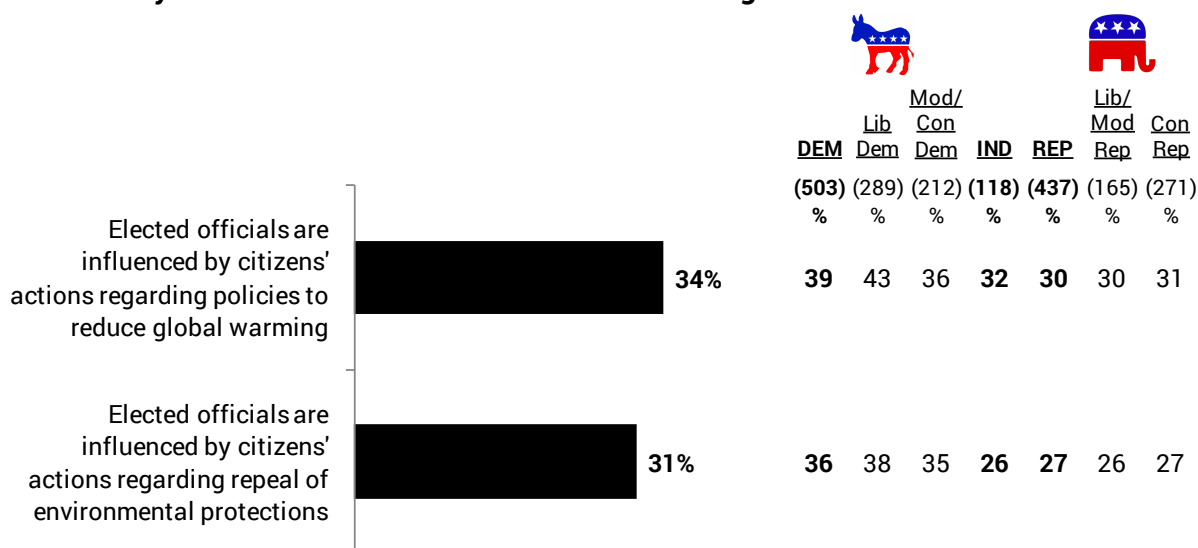
² Bandura, A. (2000). Exercise of human agency through collective efficacy. *Current Directions in Psychological Science*, 9(3), 75-78. DOI: <https://doi.org/10.1111/1467-8721.00064>

5.2. Only three in ten registered voters think elected officials' decisions about repealing environmental policies are influenced by citizens' advocacy actions.

Only one in three registered voters (34%) think elected officials are influenced by the advocacy actions of citizens when considering policies to reduce global warming, and three in ten (31%) think officials are influenced by citizens' actions when deciding whether to repeal environmental protections. Liberal Democrats are the most likely to think so (39% and 36% respectively) while conservative Republicans are the least likely to think so (31% and 27% respectively).

Only Three in Ten Registered Voters Think Elected Officials' Decisions About Repealing Environmental Policies Are Influenced By Citizens' Advocacy Actions

- % who say citizens can influence elected officials "a great deal" or "a moderate amount" -



- When elected officials are considering policies to reduce global warming, how much do you think they are influenced by the actions of citizens (for example, rallies, marches, petitions, phone calls, emails, and letters)?
- When elected officials are deciding whether to repeal environmental protections, how much do you think they are influenced by the actions of citizens (for example, rallies, marches, petitions, phone calls, emails, and letters)?

October 2017. Base: Registered American Voters (n=1,109).



5.3. A majority of registered voters say they would vote for a candidate because of their position on global warming.

The majority of registered voters say they would vote for a candidate for public office because of their position on global warming (53%), including a large majority of Democrats (76%), but only a minority of Independents (44%) and Republican (30%).

Three in ten registered voters or more say they would donate money to an organization working on global warming (37%), write letters, email, or phone government officials about global warming (35%), volunteer their time to an organization working on global warming (34%), or meet with elected officials or their staff about global warming (31%).

Democrats would be most likely to take these actions. Independents and Republicans are less likely.

A Majority of Registered Voters Would Vote For a Candidate Because of Their Position On Global Warming

- % who say “definitely” or “probably” would -

| (Unweighted base) | All Reg Voters | Democrats | | | Ind | Republicans | | |
|--|----------------|-----------|-------|---------|-----|-------------|---------|-------|
| | | Total | Lib | Mod/Con | | Total | Lib/Mod | Con |
| | | (1,109) | (503) | (289) | | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Vote for a candidate for public office because of their position on global warming | 53 | 76 | 86 | 63 | 44 | 30 | 41 | 23 |
| Donate money to an organization working on global warming | 37 | 57 | 67 | 45 | 34 | 16 | 27 | 9 |
| Write letters, email, or phone government officials about global warming | 35 | 55 | 67 | 39 | 37 | 12 | 19 | 7 |
| Volunteer your time to an organization working on global warming | 34 | 51 | 61 | 39 | 28 | 16 | 22 | 11 |
| Meet with an elected official or their staff about global warming | 31 | 41 | 48 | 32 | 35 | 19 | 22 | 17 |

How likely would you be to do each of the following things if a person you like and respect asked you to?

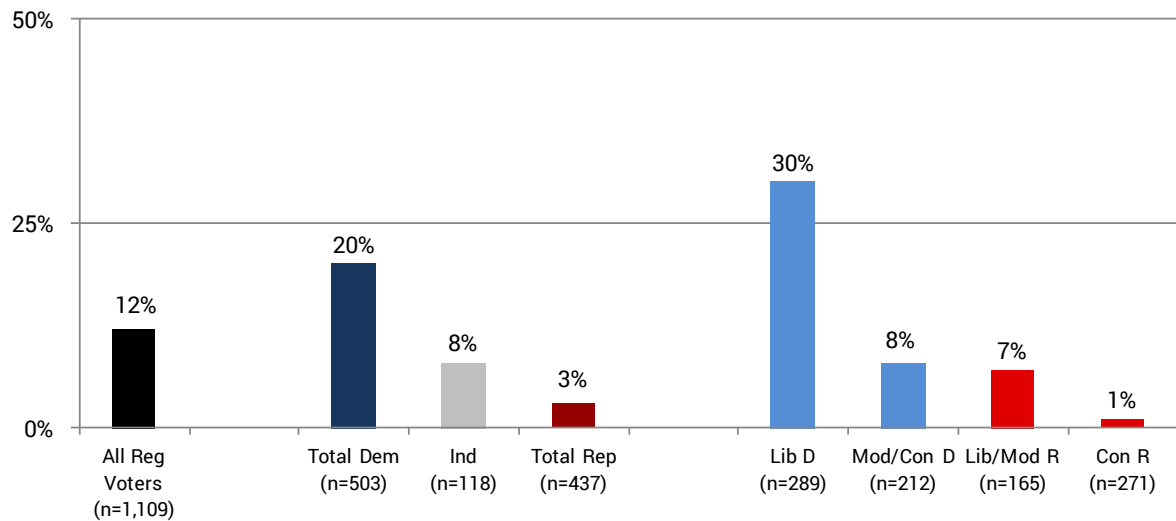
October 2017. Base: Registered American Voters.



5.4. Few registered voters have urged an elected official to take action to reduce global warming during the past 12 months. Three in ten liberal Democrats have done so.

Only one in eight registered voters (12%) say they have contacted an elected official during the past 12 months to urge them to take action to reduce global warming. However, about one in five Democrats (20%), including three in ten liberal Democrats (30%) say they have done so. Eight percent of both Independents and moderate/conservative Democrats also say they have done this. Just 3% of Republicans say they have done so.

Few Registered Voters Have Urged An Elected Official To Take Action To Reduce Global Warming During the Past 12 Months - Three in ten liberal Democrats have done so -



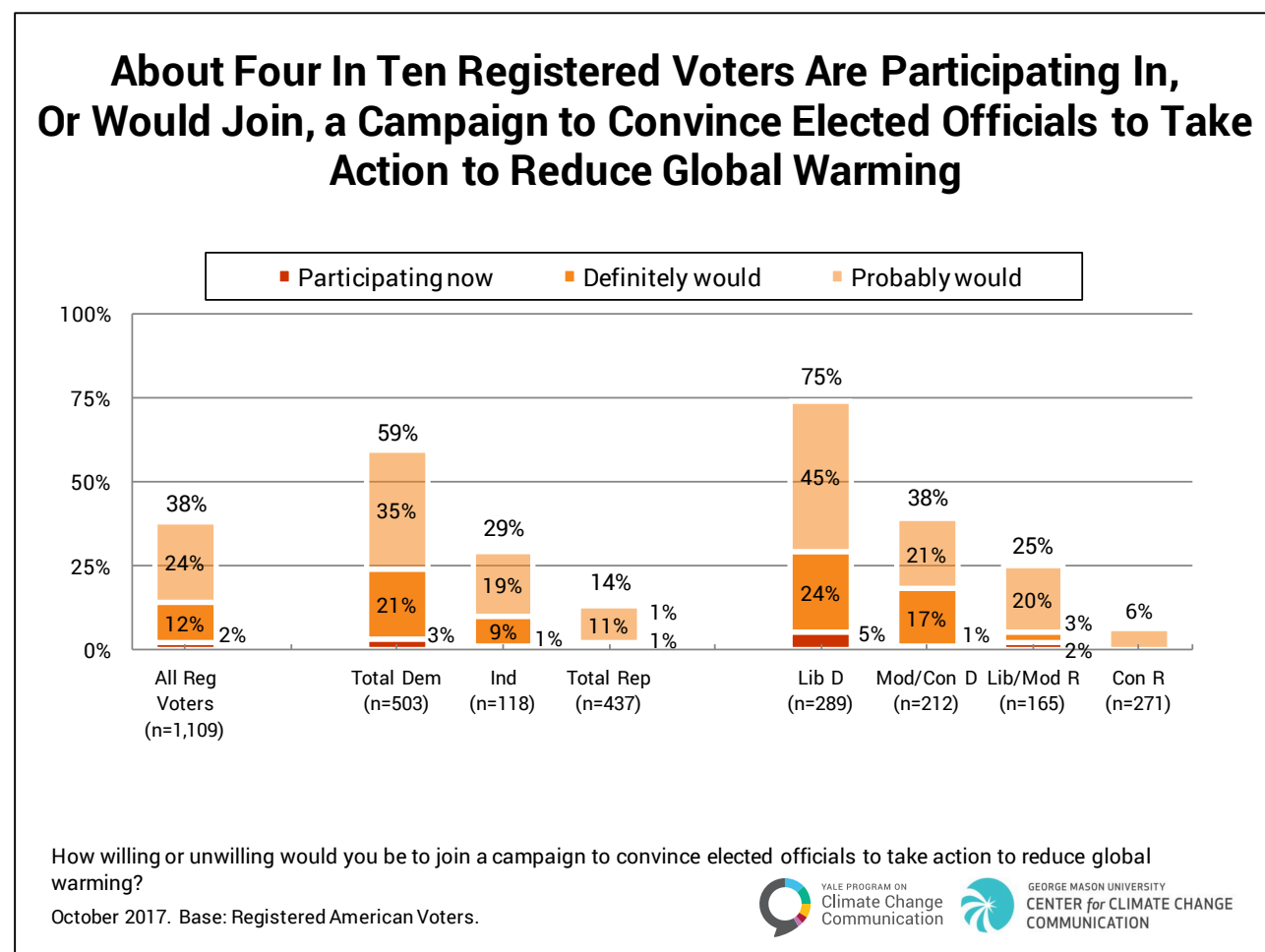
(a) Over the past 12 months, how many times have you written letters, emailed, or phoned government officials about global warming? (b) [If one or more times] When you contacted a government official, did you...[urge them to take action to reduce global warming]?

October 2017. Base: Registered American Voters.



5.5. About four in ten voters say they are participating in, or would join, a campaign to convince elected officials to take action to reduce global warming.

About four in ten registered voters (38%) are participating (2%), or would definitely (12%) or probably (24%) participate, in a campaign to convince elected officials to take action to reduce global warming, an increase of seven percentage points since our previous survey in May 2017 (see Table, p. 53). This includes about six in ten Democrats (59%, +10 points), including 75% of liberal Democrats (+16 points) and 38% of moderate/conservative Democrats (-1 point). Three in ten Independents (29%; -1 point) and 14% of Republicans (+3 points; 25% of liberal/moderate Republicans, +10 points; 6% of conservative Republicans, -4 points) are participating in, or would join, such a campaign.

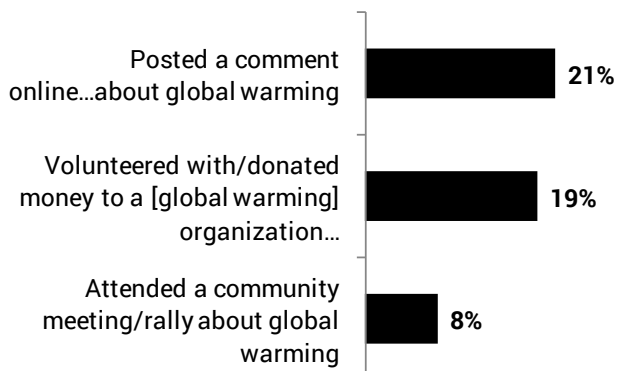




5.6. One in five registered voters say they have volunteered with or donated money to an organization working to reduce global warming.

One in five registered voters (19%), including 29% of Democrats and 21% of Independents, say they have volunteered with or donated money to an organization working to reduce global warming over the past 12 months. Similarly, 20% (29% of Democrats and 25% of Independents) say they have posted a comment online about global warming. Fewer than one in ten (8%, including 13% of Democrats) say they have attended a community meeting or rally about global warming.

One In Five Registered Voters Have Volunteered With Or Donated Money To an Organization Working To Reduce Global Warming

Have done one or more times in the past 12 months



| | | | | | | | |
|--|---|-------|-------|-------|---|-------|-------|
| |  | | | |  | | |
| | Mod/ | | | | Lib/ | | |
| | Lib | Con | | | Mod | Con | |
| | DEM | Dem | Dem | IND | REP | Rep | Rep |
| | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % |
| | 30 | 39 | 19 | 25 | 11 | 12 | 11 |
| | | | | | | | |
| | 29 | 37 | 19 | 21 | 7 | 13 | 4 |
| | | | | | | | |
| | 13 | 18 | 7 | 6 | 3 | 8 | 0 |

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

- Posted a comment online in response to a news story or blog about global warming.
- Volunteered with or donated money to an organization working to reduce global warming.
- Attended a community meeting or rally about global warming.

October 2017. Base: Registered American Voters (N=1,109).



Appendix I: Data Tables

(Base: Registered American Voters 18+)

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

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

| (Unweighted base) | Oct 2017 | May 2017 | Nov 2016 | March 2016 | Oct 2015 | March 2015 | Oct 2014 | April 2014 | Nov 2013 | April 2013 | Sept 2012 | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
|--|----------|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|----------|----------|-----------|----------|----------|
| All Registered Voters | (1,109) | (1,070) | (1,061) | (1,004) | (1,070) | (1,025) | (1,045) | (860) | (669) | (889) | (885) | (849) | (813) | (827) | (857) | (856) | (2,203) |
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Yes | 72 | 71 | 72 | 73 | 68 | 65 | 67 | 66 | 64 | 64 | 70 | 67 | 64 | 64 | 60 | 58 | 71 |
| No | 12 | 15 | 14 | 11 | 17 | 20 | 18 | 21 | 24 | 16 | 13 | 15 | 18 | 19 | 19 | 21 | 10 |
| Don't know | 15 | 14 | 14 | 15 | 15 | 15 | 15 | 14 | 12 | 20 | 17 | 17 | 18 | 17 | 21 | 21 | 18 |
| Total Democrats | (503) | (459) | (469) | (451) | (458) | (441) | (443) | (399) | (295) | (389) | (402) | (378) | (369) | (359) | (388) | (330) | (971) |
| Yes | 94 | 91 | 90 | 88 | 86 | 85 | 84 | 89 | 84 | 84 | 86 | 82 | 80 | 81 | 77 | 81 | 86 |
| No | 2 | 2 | 1 | 2 | 3 | 4 | 4 | 5 | 8 | 5 | 2 | 5 | 6 | 6 | 4 | 4 | 2 |
| Don't know | 5 | 7 | 9 | 11 | 10 | 11 | 12 | 7 | 8 | 11 | 12 | 13 | 14 | 13 | 19 | 15 | 13 |
| Liberal Democrats | (289) | (240) | (239) | (249) | (254) | (206) | (214) | (201) | (144) | (186) | (208) | (168) | (160) | (165) | (162) | (136) | (459) |
| Yes | 97 | 97 | 94 | 95 | 92 | 90 | 92 | 93 | 91 | 89 | 91 | 91 | 87 | 88 | 85 | 87 | 91 |
| No | 1 | 1 | 1 | 2 | 3 | 4 | 4 | 3 | 6 | 5 | 2 | 1 | 2 | 4 | 1 | 4 | 1 |
| Don't know | 2 | 2 | 5 | 3 | 5 | 6 | 4 | 4 | 3 | 6 | 7 | 8 | 9 | 7 | 14 | 9 | 8 |
| Moderate/Conservative Democrats | (212) | (219) | (227) | (200) | (204) | (231) | (227) | (197) | (150) | (200) | (191) | (209) | (205) | (191) | (224) | (193) | (503) |
| Yes | 89 | 85 | 86 | 80 | 79 | 82 | 79 | 85 | 77 | 79 | 80 | 76 | 76 | 77 | 72 | 77 | 81 |
| No | 3 | 3 | 1 | 1 | 4 | 4 | 4 | 6 | 9 | 5 | 2 | 8 | 8 | 7 | 6 | 3 | 3 |
| Don't know | 8 | 12 | 12 | 19 | 17 | 15 | 17 | 10 | 13 | 16 | 18 | 16 | 15 | 16 | 22 | 18 | 16 |

(Base: Registered American Voters 18+)

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

What do you think: Do you think that global warming is happening? (Cont'd.)

| (Unweighted base) | Oct 2017 | May 2017 | Nov 2016 | March 2016 | Oct 2015 | March 2015 | Oct 2014 | April 2014 | Nov 2013 | April 2013 | Sept 2012 | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
|--|----------|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|----------|----------|-----------|----------|----------|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Independents | (118) | (120) | (97) | (103) | (109) | (102) | (117) | (85) | (77) | (92) | (82) | (84) | (79) | (79) | (86) | (96) | (218) |
| Yes | 65 | 70 | 57 | 74 | 68 | 61 | 73 | 58 | 66 | 44 | 78 | 63 | 61 | 60 | 60 | 55 | 74 |
| No | 16 | 9 | 20 | 11 | 17 | 24 | 16 | 25 | 26 | 18 | 11 | 17 | 18 | 16 | 17 | 28 | 11 |
| Don't know | 19 | 21 | 24 | 15 | 16 | 15 | 11 | 17 | 7 | 38 | 11 | 20 | 21 | 24 | 22 | 18 | 15 |
| Total Republicans | (437) | (442) | (455) | (399) | (443) | (428) | (421) | (334) | (255) | (374) | (363) | (322) | (303) | (333) | (333) | (357) | (913) |
| Yes | 47 | 48 | 54 | 56 | 51 | 41 | 43 | 40 | 39 | 47 | 49 | 47 | 45 | 45 | 36 | 39 | 54 |
| No | 28 | 31 | 27 | 24 | 32 | 39 | 37 | 41 | 43 | 28 | 28 | 30 | 36 | 38 | 41 | 38 | 22 |
| Don't know | 25 | 21 | 18 | 20 | 17 | 20 | 20 | 20 | 18 | 25 | 23 | 23 | 19 | 17 | 22 | 22 | 23 |
| Moderate/ Liberal Republicans | (165) | (127) | (143) | (132) | (137) | (119) | (126) | (103) | (72) | (103) | (100) | (92) | (93) | (91) | (82) | (102) | (304) |
| Yes | 63 | 64 | 70 | 71 | 65 | 56 | 60 | 61 | 64 | 61 | 65 | 67 | 65 | 64 | 53 | 57 | 62 |
| No | 16 | 20 | 9 | 12 | 12 | 21 | 28 | 19 | 26 | 14 | 16 | 11 | 18 | 20 | 19 | 20 | 12 |
| Don't know | 19 | 16 | 22 | 17 | 23 | 24 | 12 | 20 | 10 | 26 | 18 | 22 | 17 | 16 | 28 | 23 | 26 |
| Conservative Republicans | (271) | (313) | (310) | (267) | (304) | (307) | (295) | (228) | (183) | (271) | (263) | (229) | (206) | (241) | (249) | (251) | (604) |
| Yes | 37 | 42 | 46 | 47 | 43 | 35 | 36 | 28 | 27 | 41 | 40 | 39 | 34 | 36 | 32 | 32 | 50 |
| No | 39 | 35 | 37 | 32 | 43 | 46 | 41 | 51 | 52 | 34 | 34 | 38 | 46 | 46 | 47 | 48 | 28 |
| Don't know | 24 | 23 | 17 | 21 | 14 | 19 | 23 | 20 | 21 | 24 | 24 | 23 | 20 | 17 | 20 | 20 | 22 |

(Base: Registered American Voters 18+)**Assuming global warming is happening, do you think it is...**

| (Unweighted base) | Oct 2017 | May 2017 | Nov 2016 | March 2016 | Oct 2015 | March 2015 | Oct 2014 | April 2014 | Nov 2013 | April 2013 | Sept 2012 | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
|--|----------|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|----------|----------|-----------|----------|----------|
| All Registered Voters | (1,109) | (1,070) | (1,061) | (1,004) | (1,070) | (1,025) | (1,045) | (860) | (669) | (889) | (885) | (849) | (813) | (827) | (857) | (856) | (2,203) |
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Caused mostly by human activities | 54 | 56 | 55 | 56 | 52 | 52 | 48 | 51 | 48 | 47 | 52 | 46 | 48 | 46 | 48 | 46 | 55 |
| Caused mostly by natural changes in the environment | 33 | 31 | 31 | 35 | 34 | 33 | 36 | 34 | 36 | 36 | 34 | 37 | 35 | 36 | 37 | 36 | 33 |
| Neither because global warming isn't happening | 5 | 6 | 6 | 5 | 7 | 9 | 8 | 8 | 8 | 8 | 7 | 4 | 7 | 8 | 6 | 9 | 3 |
| Other (please specify), caused by human activities and natural changes | 6 | 6 | 6 | 4 | 6 | 4 | 7 | 6 | 4 | 7 | 6 | 10 | 6 | 8 | 7 | 7 | 6 |
| Other (please specify), unclassified | 1 | 1 | 1 | -- | 1 | 1 | 1 | 1 | 4 | 1 | 1 | 2 | 2 | 1 | 1 | 1 | 1 |
| Total Democrats | (503) | (459) | (469) | (451) | (458) | (441) | (443) | (399) | (295) | (389) | (402) | (378) | (369) | (359) | (388) | (330) | (971) |
| Caused mostly by human activities | 76 | 74 | 72 | 75 | 72 | 72 | 65 | 69 | 61 | 64 | 69 | 56 | 61 | 62 | 66 | 68 | 70 |
| Caused mostly by natural changes in the environment | 17 | 19 | 20 | 19 | 19 | 19 | 25 | 24 | 28 | 22 | 20 | 28 | 28 | 26 | 22 | 22 | 21 |
| Neither because global warming isn't happening | * | 1 | 1 | 1 | 1 | 4 | 3 | 2 | 3 | 5 | 3 | 1 | 3 | 2 | 1 | 1 | 1 |
| Other (please specify), caused by human activities and natural changes | 6 | 5 | 6 | 4 | 6 | 4 | 5 | 5 | 6 | 8 | 8 | 11 | 6 | 8 | 9 | 8 | 6 |
| Other (please specify), unclassified | 1 | * | 1 | * | 1 | 1 | 1 | * | 2 | * | * | 2 | 1 | 2 | * | * | 1 |

(Base: Registered American Voters 18+)**Assuming global warming is happening, do you think it is... (Cont'd.)**

| (Unweighted base) | Oct 2017 | May 2017 | Nov 2016 | March 2016 | Oct 2015 | March 2015 | Oct 2014 | April 2014 | Nov 2013 | April 2013 | Sept 2012 | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
|--|----------|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|----------|----------|-----------|----------|----------|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Liberal Democrats | (289) | (240) | (239) | (249) | (254) | (206) | (214) | (201) | (144) | (186) | (208) | (168) | (160) | (165) | (162) | (136) | (459) |
| Caused mostly by human activities | 83 | 87 | 80 | 82 | 82 | 75 | 78 | 75 | 68 | 78 | 75 | 70 | 71 | 68 | 77 | 75 | 78 |
| Caused mostly by natural changes in the environment | 11 | 9 | 13 | 15 | 12 | 15 | 15 | 19 | 20 | 12 | 14 | 17 | 20 | 17 | 11 | 13 | 14 |
| Neither because global warming isn't happening | -- | -- | 2 | -- | * | 4 | * | 1 | 2 | 2 | 2 | -- | 2 | 3 | * | * | 1 |
| Other (please specify), caused by human activities and natural changes | 5 | 4 | 5 | 2 | 6 | 6 | 5 | 5 | 9 | 8 | 7 | 12 | 8 | 9 | 9 | 11 | 7 |
| Other (please specify), unclassified | -- | -- | 1 | * | 1 | * | * | -- | 2 | * | -- | 1 | -- | 3 | -- | -- | * |
| Moderate/Conservative Democrats | (212) | (219) | (227) | (200) | (204) | (231) | (227) | (197) | (150) | (200) | (191) | (209) | (205) | (191) | (224) | (193) | (503) |
| Caused mostly by human activities | 67 | 62 | 64 | 67 | 62 | 69 | 55 | 64 | 56 | 53 | 63 | 46 | 54 | 58 | 59 | 62 | 64 |
| Caused mostly by natural changes in the environment | 24 | 30 | 27 | 24 | 28 | 23 | 32 | 28 | 35 | 31 | 25 | 36 | 35 | 32 | 30 | 28 | 27 |
| Neither because global warming isn't happening | * | 1 | 1 | 3 | 2 | 4 | 5 | 3 | 4 | 7 | 3 | 3 | 4 | 1 | 1 | 1 | 1 |
| Other (please specify), caused by human activities and natural changes | 6 | 5 | 7 | 6 | 6 | 3 | 6 | 4 | 3 | 9 | 9 | 11 | 5 | 7 | 9 | 6 | 6 |
| Other (please specify), unclassified | 2 | 1 | 1 | -- | 2 | 1 | 1 | * | 2 | * | * | 3 | 2 | 1 | * | 1 | 1 |

(Base: Registered American Voters 18+)**Assuming global warming is happening, do you think it is... (Cont'd.)**

| (Unweighted base) | Oct 2017 | May 2017 | Nov 2016 | March 2016 | Oct 2015 | March 2015 | Oct 2014 | April 2014 | Nov 2013 | April 2013 | Sept 2012 | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
|--|----------|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|----------|----------|-----------|----------|----------|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Independents | (118) | (120) | (97) | (103) | (109) | (102) | (117) | (85) | (77) | (92) | (82) | (84) | (79) | (79) | (86) | (96) | (218) |
| Caused mostly by human activities | 42 | 55 | 44 | 48 | 62 | 41 | 43 | 32 | 44 | 37 | 58 | 48 | 50 | 34 | 45 | 47 | 63 |
| Caused mostly by natural changes in the environment | 37 | 28 | 28 | 39 | 26 | 34 | 36 | 43 | 33 | 47 | 27 | 27 | 30 | 41 | 38 | 38 | 24 |
| Neither because global warming isn't happening | 8 | 5 | 10 | 6 | 3 | 13 | 5 | 8 | 11 | 4 | 5 | 5 | 7 | 10 | 5 | 12 | 2 |
| Other (please specify), caused by human activities and natural changes | 8 | 10 | 14 | 5 | 4 | 9 | 12 | 9 | 5 | 8 | 7 | 15 | 11 | 15 | 9 | 2 | 6 |
| Other (please specify), unclassified | 4 | 1 | -- | -- | 5 | 2 | 2 | 4 | 7 | 3 | 3 | 4 | -- | -- | 1 | 1 | 1 |
| Total Republicans | (437) | (442) | (455) | (399) | (443) | (428) | (421) | (334) | (255) | (374) | (363) | (322) | (303) | (333) | (333) | (357) | (913) |
| Caused mostly by human activities | 29 | 34 | 37 | 35 | 30 | 31 | 28 | 31 | 30 | 29 | 31 | 25 | 31 | 29 | 27 | 27 | 36 |
| Caused mostly by natural changes in the environment | 52 | 48 | 44 | 53 | 50 | 50 | 51 | 46 | 49 | 51 | 52 | 57 | 46 | 50 | 54 | 49 | 50 |
| Neither because global warming isn't happening | 12 | 11 | 11 | 8 | 14 | 14 | 14 | 16 | 14 | 12 | 12 | 8 | 13 | 14 | 11 | 16 | 6 |
| Other (please specify), caused by human activities and natural changes | 6 | 6 | 6 | 4 | 6 | 3 | 7 | 6 | 3 | 5 | 3 | 7 | 6 | 5 | 6 | 6 | 6 |
| Other (please specify), unclassified | 1 | * | 1 | 1 | 1 | 1 | 1 | 1 | 5 | 3 | 2 | 2 | 4 | 1 | 2 | 2 | 1 |

(Base: Registered American Voters 18+)**Assuming global warming is happening, do you think it is... (Cont'd.)**

| (Unweighted base) | Oct 2017 | May 2017 | Nov 2016 | March 2016 | Oct 2015 | March 2015 | Oct 2014 | April 2014 | Nov 2013 | April 2013 | Sept 2012 | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
|--|----------|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|----------|----------|-----------|----------|----------|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Moderate/ Liberal Republicans | (165) | (127) | (143) | (132) | (137) | (119) | (126) | (103) | (72) | (103) | (100) | (92) | (93) | (91) | (82) | (102) | (304) |
| Caused mostly by human activities | 41 | 44 | 53 | 50 | 43 | 40 | 45 | 46 | 47 | 36 | 47 | 34 | 57 | 38 | 53 | 34 | 52 |
| Caused mostly by natural changes in the environment | 46 | 43 | 35 | 42 | 43 | 45 | 41 | 38 | 41 | 43 | 45 | 47 | 28 | 45 | 37 | 44 | 36 |
| Neither because global warming isn't happening | 3 | 7 | 4 | 4 | 3 | 9 | 7 | 8 | 6 | 10 | 5 | 8 | 4 | 7 | 7 | 7 | 2 |
| Other (please specify), caused by human activities and natural changes | 8 | 6 | 5 | 5 | 9 | 5 | 7 | 6 | 4 | 10 | 3 | 11 | 6 | 7 | 3 | 12 | 8 |
| Other (please specify), unclassified | 1 | -- | 1 | -- | 2 | 1 | -- | 1 | 2 | 1 | -- | * | 4 | 1 | 1 | 2 | 1 |
| Conservative Republicans | (271) | (313) | (310) | (267) | (304) | (307) | (295) | (228) | (183) | (271) | (263) | (229) | (206) | (241) | (249) | (251) | (604) |
| Caused mostly by human activities | 21 | 30 | 29 | 26 | 22 | 27 | 20 | 22 | 21 | 26 | 22 | 21 | 17 | 25 | 20 | 22 | 28 |
| Caused mostly by natural changes in the environment | 56 | 51 | 49 | 59 | 53 | 53 | 55 | 50 | 52 | 54 | 55 | 61 | 56 | 52 | 58 | 52 | 58 |
| Neither because global warming isn't happening | 17 | 13 | 15 | 11 | 20 | 16 | 17 | 20 | 17 | 13 | 16 | 9 | 16 | 17 | 12 | 20 | 8 |
| Other (please specify), caused by human activities and natural changes | 5 | 6 | 5 | 3 | 4 | 2 | 6 | 6 | 2 | 3 | 3 | 6 | 6 | 4 | 6 | 3 | 5 |
| Other (please specify), unclassified | 1 | * | 1 | 1 | * | 1 | 1 | 1 | 7 | 3 | 3 | 3 | 4 | 2 | 3 | 2 | 1 |

(Base: Registered American Voters 18+)
How worried are you about global warming?

| (Unweighted base) | Oct 2017 | May 2017 | Nov 2016 | March 2016 | Oct 2015 | March 2015 | Oct 2014 | April 2014 | Nov 2013 | April 2013 | Sept 2012 | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
|--|----------|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|----------|----------|-----------|----------|----------|
| All Registered Voters | (1,109) | (1,070) | (1,061) | (1,004) | (1,070) | (1,025) | (1,045) | (860) | (669) | (889) | (885) | (849) | (813) | (827) | (857) | (856) | (2,203) |
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Very worried | 23 | 18 | 20 | 15 | 15 | 12 | 12 | 16 | 16 | 14 | 16 | 11 | 12 | 8 | 11 | 12 | 15 |
| Somewhat worried | 41 | 37 | 41 | 41 | 40 | 41 | 44 | 40 | 37 | 36 | 42 | 40 | 41 | 43 | 41 | 38 | 47 |
| Not very worried | 22 | 27 | 24 | 26 | 29 | 28 | 25 | 26 | 26 | 32 | 25 | 31 | 32 | 29 | 30 | 26 | 24 |
| Not at all worried | 15 | 17 | 15 | 18 | 16 | 19 | 19 | 17 | 21 | 18 | 17 | 17 | 15 | 21 | 19 | 24 | 14 |
| Total Democrats | (503) | (459) | (469) | (451) | (458) | (441) | (443) | (399) | (295) | (389) | (402) | (378) | (369) | (359) | (388) | (330) | (971) |
| Very worried | 40 | 29 | 32 | 26 | 27 | 19 | 21 | 27 | 24 | 24 | 26 | 16 | 19 | 14 | 18 | 20 | 24 |
| Somewhat worried | 47 | 50 | 50 | 52 | 48 | 56 | 55 | 54 | 49 | 42 | 48 | 48 | 52 | 57 | 53 | 53 | 53 |
| Not very worried | 10 | 16 | 14 | 17 | 21 | 19 | 18 | 14 | 23 | 26 | 21 | 27 | 22 | 21 | 23 | 19 | 20 |
| Not at all worried | 3 | 5 | 4 | 5 | 4 | 6 | 6 | 5 | 5 | 8 | 4 | 8 | 6 | 8 | 6 | 7 | 3 |
| Liberal Democrats | (289) | (240) | (239) | (249) | (254) | (206) | (214) | (201) | (144) | (186) | (208) | (168) | (160) | (165) | (162) | (136) | (459) |
| Very worried | 53 | 38 | 42 | 33 | 35 | 29 | 29 | 31 | 33 | 32 | 34 | 21 | 21 | 18 | 19 | 25 | 29 |
| Somewhat worried | 41 | 48 | 49 | 55 | 48 | 56 | 57 | 53 | 50 | 45 | 50 | 54 | 62 | 54 | 61 | 62 | 53 |
| Not very worried | 5 | 12 | 7 | 11 | 14 | 10 | 12 | 14 | 15 | 20 | 13 | 20 | 13 | 18 | 14 | 11 | 15 |
| Not at all worried | 2 | 2 | 2 | 1 | 3 | 6 | 2 | 2 | 1 | 3 | 4 | 5 | 3 | 10 | 5 | 2 | 3 |
| Moderate/Conservative Democrats | (212) | (219) | (227) | (200) | (204) | (231) | (227) | (197) | (150) | (200) | (191) | (209) | (205) | (191) | (224) | (193) | (503) |
| Very worried | 26 | 20 | 23 | 19 | 18 | 11 | 15 | 24 | 14 | 17 | 18 | 12 | 17 | 10 | 17 | 16 | 19 |
| Somewhat worried | 54 | 52 | 51 | 48 | 48 | 56 | 53 | 54 | 48 | 39 | 46 | 44 | 47 | 60 | 48 | 46 | 55 |
| Not very worried | 16 | 21 | 20 | 24 | 28 | 28 | 23 | 15 | 30 | 31 | 31 | 33 | 27 | 24 | 30 | 26 | 23 |
| Not at all worried | 4 | 7 | 6 | 9 | 6 | 6 | 9 | 7 | 8 | 13 | 5 | 11 | 8 | 6 | 6 | 12 | 3 |

(Base: Registered American Voters 18+)
How worried are you about global warming? (Cont'd.)

| (Unweighted base) | Oct 2017 | May 2017 | Nov 2016 | March 2016 | Oct 2015 | March 2015 | Oct 2014 | April 2014 | Nov 2013 | April 2013 | Sept 2012 | March 2012 | Nov 2011 | May 2011 | June 2010 | Jan 2010 | Nov 2008 |
|--|----------|----------|----------|------------|----------|------------|----------|------------|----------|------------|-----------|------------|----------|----------|-----------|----------|----------|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % | % |
| Independents | (118) | (120) | (97) | (103) | (109) | (102) | (117) | (85) | (77) | (92) | (82) | (84) | (79) | (79) | (86) | (96) | (218) |
| Very worried | 13 | 23 | 12 | 7 | 12 | 5 | 7 | 11 | 14 | 9 | 17 | 4 | 13 | 1 | 6 | 11 | 16 |
| Somewhat worried | 40 | 33 | 39 | 43 | 41 | 40 | 47 | 24 | 39 | 40 | 51 | 37 | 31 | 40 | 39 | 38 | 48 |
| Not very worried | 29 | 30 | 28 | 30 | 31 | 37 | 30 | 40 | 19 | 27 | 15 | 36 | 42 | 34 | 37 | 19 | 24 |
| Not at all worried | 19 | 14 | 21 | 21 | 16 | 17 | 16 | 25 | 26 | 25 | 17 | 23 | 13 | 25 | 19 | 30 | 12 |
| Total Republicans | (437) | (442) | (455) | (399) | (443) | (428) | (421) | (334) | (255) | (374) | (363) | (322) | (303) | (333) | (333) | (357) | (913) |
| Very worried | 4 | 5 | 7 | 4 | 4 | 4 | 2 | 3 | 7 | 5 | 5 | 3 | 3 | 3 | 3 | 6 | 5 |
| Somewhat worried | 32 | 24 | 30 | 27 | 31 | 25 | 27 | 27 | 21 | 28 | 30 | 28 | 28 | 28 | 24 | 25 | 36 |
| Not very worried | 35 | 38 | 36 | 37 | 36 | 37 | 34 | 37 | 34 | 41 | 31 | 38 | 40 | 33 | 37 | 33 | 30 |
| Not at all worried | 30 | 33 | 27 | 32 | 28 | 34 | 37 | 33 | 38 | 26 | 34 | 31 | 28 | 35 | 36 | 36 | 28 |
| Moderate/ Liberal Republicans | (165) | (127) | (143) | (132) | (137) | (119) | (126) | (103) | (72) | (103) | (100) | (92) | (93) | (91) | (82) | (102) | (304) |
| Very worried | 8 | 7 | 19 | 8 | 8 | 4 | 3 | 6 | 18 | 8 | 9 | 4 | 9 | 5 | 6 | 11 | 11 |
| Somewhat worried | 46 | 35 | 41 | 41 | 43 | 31 | 50 | 45 | 38 | 35 | 46 | 52 | 42 | 44 | 38 | 36 | 50 |
| Not very worried | 33 | 37 | 30 | 33 | 39 | 47 | 27 | 38 | 27 | 45 | 25 | 32 | 39 | 36 | 37 | 29 | 23 |
| Not at all worried | 13 | 20 | 11 | 19 | 10 | 17 | 20 | 11 | 16 | 11 | 20 | 13 | 10 | 15 | 18 | 24 | 15 |
| Conservative Republicans | (271) | (313) | (310) | (267) | (304) | (307) | (295) | (228) | (183) | (271) | (263) | (229) | (206) | (241) | (249) | (251) | (604) |
| Very worried | 1 | 4 | 1 | 2 | 3 | 4 | 2 | 2 | 2 | 4 | 3 | 2 | 1 | 3 | 2 | 4 | 2 |
| Somewhat worried | 22 | 20 | 25 | 19 | 25 | 22 | 17 | 17 | 13 | 25 | 22 | 18 | 20 | 21 | 19 | 18 | 28 |
| Not very worried | 36 | 38 | 39 | 39 | 35 | 33 | 37 | 37 | 38 | 39 | 34 | 41 | 42 | 32 | 37 | 36 | 34 |
| Not at all worried | 41 | 39 | 36 | 40 | 37 | 41 | 44 | 45 | 48 | 33 | 41 | 38 | 37 | 44 | 42 | 42 | 35 |

The United States should reduce its greenhouse gas emissions...

| | | Democrats | | | | Republicans | | |
|---|--------------------------------|--------------|----------------|----------------|------------------|--------------|--------------------|------------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Regardless of what other countries do | 69 | 87 | 92 | 80 | 65 | 48 | 59 | 41 |
| Only if other industrialized countries (such as England, Germany, and Japan) reduce their emissions | 3 | 2 | 2 | 3 | 2 | 3 | 4 | 3 |
| Only if other industrialized countries and developing countries (such as China, India, and Brazil) reduce their emissions | 10 | 3 | 1 | 5 | 14 | 18 | 16 | 19 |
| The U.S. should not reduce its emissions | 5 | 1 | 1 | * | 4 | 12 | 4 | 18 |
| Don't know | 14 | 7 | 3 | 12 | 15 | 18 | 16 | 19 |

In 2015, the United States signed an international agreement in Paris with 196 other countries to limit the pollution that causes global warming. Do you strongly support, somewhat support, somewhat oppose, or strongly oppose the U.S.'s participation in the Paris Agreement?

| | | Democrats | | | | Republicans | | |
|----------------------------------|--------------------------------|--------------|----------------|----------------|------------------|--------------|--------------------|------------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Strongly/Somewhat support | 76 | 94 | 98 | 90 | 67 | 56 | 76 | 43 |
| Strongly support | 47 | 71 | 86 | 53 | 37 | 21 | 31 | 14 |
| Somewhat support | 30 | 24 | 12 | 37 | 30 | 36 | 46 | 29 |
| Strongly/Somewhat oppose | 23 | 5 | 2 | 10 | 32 | 43 | 23 | 56 |
| Somewhat oppose | 10 | 4 | 2 | 7 | 16 | 16 | 16 | 16 |
| Strongly oppose | 12 | 1 | * | 2 | 15 | 27 | 7 | 40 |

The U.S. is the world's second largest emitter of the pollution that causes global warming. The U.S. recently announced its decision to pull out of the Paris Agreement, but all other countries responded that they remain committed to the agreement.

Do you strongly support, somewhat support, somewhat oppose or strongly oppose the U.S.'s decision to pull out of the Paris Agreement? [split sample]

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (581) | (268) | (135) | (132) | (55) | (235) | (96) | (138) |
| | % | % | % | % | % | % | % | % |
| Strongly/Somewhat support | 36 | 15 | 11 | 19 | 42 | 61 | 52 | 68 |
| Strongly support | 18 | 5 | 5 | 5 | 30 | 32 | 17 | 43 |
| Somewhat support | 18 | 9 | 5 | 14 | 12 | 29 | 35 | 25 |
| Strongly/Somewhat oppose | 63 | 85 | 89 | 80 | 58 | 38 | 46 | 32 |
| Somewhat oppose | 18 | 14 | 8 | 20 | 12 | 24 | 29 | 20 |
| Strongly oppose | 45 | 71 | 82 | 60 | 45 | 14 | 18 | 11 |

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

Corporations and industry

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Much more/More | 74 | 93 | 95 | 89 | 71 | 52 | 69 | 41 |
| Much more | 42 | 64 | 75 | 50 | 38 | 16 | 24 | 11 |
| More | 31 | 29 | 20 | 39 | 32 | 36 | 45 | 30 |
| Currently doing the right amount | 16 | 3 | 2 | 6 | 17 | 30 | 22 | 35 |
| Much less/Less | 11 | 4 | 3 | 5 | 11 | 18 | 9 | 24 |
| Less | 5 | 2 | 2 | 3 | 3 | 8 | 5 | 10 |
| Much Less | 5 | 1 | 1 | 2 | 8 | 10 | 4 | 13 |

Do you think each of the following should be doing more or less to address global warming? (Cont'd.)

Citizens themselves

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Much more/More | 69 | 92 | 96 | 87 | 62 | 45 | 60 | 35 |
| Much more | 30 | 48 | 59 | 33 | 28 | 11 | 16 | 7 |
| More | 39 | 44 | 36 | 54 | 34 | 34 | 43 | 28 |
| Currently doing the right amount | 19 | 5 | 2 | 8 | 27 | 35 | 30 | 38 |
| Much less/Less | 11 | 3 | 2 | 5 | 11 | 20 | 10 | 27 |
| Less | 7 | 3 | 2 | 3 | 4 | 11 | 6 | 14 |
| Much Less | 5 | 1 | -- | 2 | 7 | 9 | 5 | 12 |

The U.S. Congress

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Much more/More | 65 | 91 | 94 | 86 | 55 | 35 | 56 | 22 |
| Much more | 35 | 59 | 71 | 44 | 29 | 8 | 16 | 3 |
| More | 30 | 31 | 23 | 42 | 26 | 27 | 40 | 19 |
| Currently doing the right amount | 18 | 4 | 2 | 7 | 25 | 33 | 26 | 38 |
| Much less/Less | 17 | 5 | 3 | 8 | 20 | 31 | 18 | 40 |
| Less | 9 | 3 | 2 | 5 | 8 | 17 | 11 | 21 |
| Much Less | 8 | 2 | 1 | 3 | 11 | 14 | 6 | 19 |

President Trump

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Much more/More | 63 | 92 | 96 | 86 | 56 | 31 | 49 | 19 |
| Much more | 44 | 73 | 81 | 63 | 38 | 10 | 20 | 4 |
| More | 19 | 19 | 15 | 24 | 18 | 20 | 29 | 15 |
| Currently doing the right amount | 23 | 3 | 1 | 5 | 31 | 46 | 38 | 51 |
| Much less/Less | 13 | 6 | 3 | 9 | 12 | 23 | 13 | 30 |
| Less | 5 | 2 | 1 | 4 | 2 | 10 | 6 | 12 |
| Much Less | 8 | 3 | 2 | 5 | 10 | 13 | 7 | 17 |

Do you think each of the following should be doing more or less to address global warming? (Cont'd.)

Your member of Congress

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Much more/More | 62 | 89 | 91 | 86 | 51 | 32 | 52 | 19 |
| Much more | 29 | 49 | 57 | 38 | 23 | 7 | 14 | 2 |
| More | 33 | 40 | 34 | 48 | 28 | 25 | 39 | 17 |
| Currently doing the right amount | 22 | 7 | 7 | 6 | 29 | 37 | 30 | 41 |
| Much less/Less | 16 | 4 | 2 | 7 | 20 | 30 | 17 | 39 |
| Less | 9 | 3 | 1 | 7 | 8 | 16 | 11 | 19 |
| Much Less | 7 | 1 | 1 | 1 | 12 | 15 | 6 | 20 |

Your local government officials

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Much more/More | 60 | 87 | 89 | 84 | 50 | 31 | 51 | 18 |
| Much more | 24 | 41 | 48 | 32 | 15 | 6 | 12 | 2 |
| More | 36 | 45 | 41 | 51 | 35 | 25 | 39 | 16 |
| Currently doing the right amount | 24 | 9 | 9 | 9 | 30 | 41 | 35 | 44 |
| Much less/Less | 15 | 4 | 2 | 7 | 18 | 28 | 14 | 37 |
| Less | 8 | 4 | 2 | 6 | 7 | 13 | 10 | 15 |
| Much Less | 7 | 1 | * | 1 | 12 | 15 | 4 | 22 |

Your governor

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Much more/More | 58 | 84 | 87 | 79 | 52 | 28 | 45 | 18 |
| Much more | 25 | 43 | 49 | 34 | 18 | 4 | 9 | 1 |
| More | 33 | 41 | 38 | 45 | 34 | 24 | 35 | 17 |
| Currently doing the right amount | 26 | 12 | 10 | 14 | 31 | 42 | 40 | 43 |
| Much less/Less | 16 | 5 | 3 | 7 | 17 | 30 | 15 | 39 |
| Less | 8 | 3 | 1 | 5 | 4 | 15 | 10 | 17 |
| Much Less | 8 | 2 | 1 | 3 | 13 | 15 | 5 | 22 |

Do you think each of the following should be doing more or less to address global warming? (Cont'd.)

The media

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Much more/More | 55 | 80 | 87 | 71 | 44 | 28 | 41 | 19 |
| Much more | 23 | 38 | 48 | 23 | 16 | 7 | 13 | 3 |
| More | 32 | 42 | 38 | 47 | 28 | 20 | 28 | 16 |
| Currently doing the right amount | 20 | 16 | 10 | 23 | 23 | 24 | 31 | 19 |
| Much less/Less | 25 | 4 | 3 | 6 | 32 | 49 | 28 | 62 |
| Less | 11 | 3 | 2 | 5 | 9 | 20 | 15 | 23 |
| Much Less | 14 | 1 | 1 | 1 | 24 | 28 | 13 | 39 |

Do you think...global warming should be a low, medium, high, or very high priority for the president and Congress?

| | | | Democrats | | | | Republicans | |
|-----------------|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Low | 23 | 4 | 3 | 5 | 33 | 46 | 28 | 58 |
| Medium | 21 | 12 | 6 | 19 | 23 | 31 | 31 | 31 |
| High | 26 | 32 | 25 | 41 | 27 | 17 | 30 | 8 |
| Very High | 30 | 52 | 65 | 35 | 17 | 7 | 11 | 3 |

How much do you support or oppose the following policies?

Set strict carbon dioxide emission limits on existing coal-fired power plants to reduce global warming and improve public health. Power plants would have to reduce their emissions and/or invest in renewable energy and energy efficiency. The cost of electricity to consumers and companies would likely increase.

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Strongly/Somewhat support | 70 | 90 | 97 | 84 | 61 | 47 | 64 | 37 |
| Strongly support | 30 | 47 | 61 | 30 | 22 | 11 | 19 | 6 |
| Somewhat support | 40 | 43 | 35 | 54 | 38 | 36 | 45 | 30 |
| Strongly/Somewhat oppose | 29 | 9 | 3 | 15 | 39 | 52 | 36 | 62 |
| Somewhat oppose | 16 | 7 | 2 | 12 | 21 | 27 | 28 | 27 |
| Strongly oppose | 13 | 2 | 2 | 3 | 19 | 25 | 8 | 35 |

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.

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Strongly/Somewhat support | 69 | 87 | 92 | 81 | 59 | 49 | 60 | 43 |
| Strongly support | 28 | 42 | 51 | 32 | 23 | 11 | 11 | 10 |
| Somewhat support | 41 | 44 | 40 | 49 | 36 | 39 | 48 | 32 |
| Strongly/Somewhat oppose | 29 | 11 | 6 | 17 | 38 | 49 | 39 | 55 |
| Somewhat oppose | 15 | 8 | 5 | 12 | 19 | 22 | 28 | 19 |
| Strongly oppose | 14 | 3 | 2 | 6 | 19 | 26 | 12 | 36 |

How much do you support or oppose the following policies? (Cont'd.)**Fund more research into renewable energy sources, such as solar and wind power.**

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Strongly/Somewhat support | 87 | 96 | 97 | 95 | 82 | 76 | 84 | 70 |
| Strongly support | 47 | 65 | 77 | 50 | 46 | 26 | 34 | 21 |
| Somewhat support | 40 | 31 | 20 | 45 | 37 | 49 | 50 | 49 |
| Strongly/Somewhat oppose | 11 | 3 | 2 | 5 | 13 | 22 | 14 | 28 |
| Somewhat oppose | 6 | 2 | 2 | 2 | 5 | 13 | 11 | 14 |
| Strongly oppose | 5 | 1 | -- | 3 | 8 | 9 | 3 | 14 |

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

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Strongly/Somewhat support | 86 | 91 | 93 | 89 | 81 | 81 | 85 | 78 |
| Strongly support | 43 | 53 | 61 | 43 | 41 | 31 | 33 | 29 |
| Somewhat support | 43 | 39 | 32 | 46 | 40 | 50 | 51 | 49 |
| Strongly/Somewhat oppose | 13 | 8 | 7 | 9 | 16 | 17 | 14 | 19 |
| Somewhat oppose | 8 | 7 | 7 | 7 | 9 | 10 | 9 | 10 |
| Strongly oppose | 4 | 1 | * | 2 | 7 | 8 | 5 | 9 |

How much do you support or oppose the following policies? (Cont'd.)

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

| | | | Democrats | | | | Republicans | |
|----------------------------------|--------------------------------|--------------|----------------|----------------|------------------|--------------|--------------------|------------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Strongly/Somewhat support | 83 | 94 | 97 | 91 | 74 | 71 | 77 | 67 |
| Strongly support | 40 | 55 | 64 | 43 | 31 | 25 | 31 | 21 |
| Somewhat support | 43 | 39 | 33 | 48 | 43 | 46 | 46 | 46 |
| Strongly/Somewhat oppose | 16 | 5 | 2 | 8 | 22 | 27 | 21 | 31 |
| Somewhat oppose | 9 | 3 | 2 | 5 | 11 | 15 | 13 | 17 |
| Strongly oppose | 6 | 1 | -- | 3 | 10 | 12 | 9 | 15 |

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

| | | | Democrats | | | | Republicans | |
|----------------------------------|--------------------------------|--------------|----------------|----------------|------------------|--------------|--------------------|------------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Strongly/Somewhat support | 77 | 92 | 96 | 88 | 72 | 61 | 71 | 55 |
| Strongly support | 36 | 56 | 67 | 42 | 30 | 14 | 19 | 11 |
| Somewhat support | 42 | 36 | 29 | 46 | 41 | 47 | 53 | 44 |
| Strongly/Somewhat oppose | 21 | 7 | 3 | 11 | 25 | 37 | 27 | 43 |
| Somewhat oppose | 13 | 5 | 3 | 7 | 11 | 22 | 22 | 22 |
| Strongly oppose | 8 | 2 | * | 4 | 13 | 15 | 5 | 21 |

How much do you support or oppose the following policies? (Cont'd.)

Require electric utilities to produce at least 20% of their electricity from wind, solar, or other renewable energy sources, even if it costs the average household an extra \$100 a year.

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Strongly/Somewhat support | 64 | 82 | 89 | 74 | 49 | 46 | 62 | 36 |
| Strongly support | 26 | 42 | 51 | 30 | 18 | 12 | 16 | 9 |
| Somewhat support | 37 | 40 | 37 | 45 | 32 | 34 | 46 | 27 |
| Strongly/Somewhat oppose | 34 | 16 | 10 | 23 | 47 | 53 | 38 | 62 |
| Somewhat oppose | 20 | 13 | 8 | 17 | 24 | 25 | 25 | 25 |
| Strongly oppose | 14 | 3 | 2 | 6 | 23 | 27 | 12 | 37 |

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

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Strongly/Somewhat support | 51 | 35 | 22 | 51 | 47 | 72 | 63 | 78 |
| Strongly support | 15 | 7 | 6 | 9 | 12 | 26 | 11 | 35 |
| Somewhat support | 36 | 28 | 16 | 43 | 35 | 46 | 52 | 43 |
| Strongly/Somewhat oppose | 47 | 64 | 77 | 48 | 48 | 26 | 35 | 20 |
| Somewhat oppose | 25 | 28 | 30 | 23 | 27 | 21 | 27 | 17 |
| Strongly oppose | 22 | 37 | 47 | 25 | 20 | 5 | 8 | 3 |

How much do you support or oppose the following policies? (Cont'd.)**Drill for and mine fossil fuels (coal, oil, and natural gas) on public land in the U.S.**

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Strongly/Somewhat support | 44 | 26 | 16 | 39 | 49 | 66 | 55 | 74 |
| Strongly support | 13 | 5 | 4 | 7 | 13 | 25 | 10 | 34 |
| Somewhat support | 31 | 21 | 12 | 32 | 35 | 42 | 45 | 40 |
| Strongly/Somewhat oppose | 54 | 73 | 83 | 59 | 48 | 32 | 43 | 25 |
| Somewhat oppose | 26 | 25 | 22 | 28 | 29 | 25 | 33 | 19 |
| Strongly oppose | 29 | 48 | 61 | 31 | 20 | 8 | 11 | 6 |

Drill for oil in the Arctic National Wildlife Refuge.

| | | | Democrats | | | | Republicans | |
|----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Strongly/Somewhat support | 29 | 15 | 9 | 24 | 32 | 46 | 29 | 58 |
| Strongly support | 9 | 3 | 3 | 4 | 8 | 18 | 5 | 27 |
| Somewhat support | 20 | 12 | 7 | 19 | 24 | 28 | 24 | 31 |
| Strongly/Somewhat oppose | 69 | 83 | 90 | 75 | 64 | 52 | 70 | 41 |
| Somewhat oppose | 30 | 27 | 20 | 34 | 29 | 32 | 44 | 25 |
| Strongly oppose | 40 | 57 | 70 | 41 | 35 | 20 | 26 | 16 |

Do you think the budget for the Environmental Protection Agency's (EPA's) work on global warming should be increased, decreased, or kept the same as it has been in recent years?

| | | | Democrats | | | | Republicans | |
|-----------------|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Increased a lot | 22 | 39 | 53 | 22 | 14 | 5 | 9 | 2 |
| Increased some | 32 | 42 | 33 | 54 | 29 | 21 | 31 | 15 |
| Kept the same | 28 | 14 | 10 | 20 | 36 | 41 | 42 | 39 |
| Decreased some | 6 | 3 | 2 | 3 | 7 | 11 | 8 | 13 |
| Decreased a lot | 10 | 1 | 2 | * | 14 | 21 | 9 | 30 |

Do you think the federal government should be doing more, less, or about the same amount as it is doing now to protect people from the impacts of global warming, such as flooding, drought, and heat waves?

| | | | Democrats | | | | Republicans | |
|-----------------------|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| A lot more | 34 | 58 | 71 | 43 | 25 | 8 | 16 | 2 |
| Somewhat more | 29 | 30 | 21 | 42 | 28 | 25 | 35 | 19 |
| About the same amount | 24 | 9 | 5 | 13 | 26 | 41 | 39 | 42 |
| Somewhat less | 5 | 1 | 1 | 1 | 8 | 9 | 5 | 11 |
| A lot less | 8 | * | * | -- | 11 | 17 | 5 | 24 |

Overall, do you think that protecting the environment:

| | | | Democrats | | | | Republicans | |
|--|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Improves economic growth and provides new jobs | 62 | 81 | 87 | 76 | 49 | 43 | 59 | 32 |
| Has no effect on economic growth or jobs | 21 | 14 | 10 | 17 | 27 | 27 | 25 | 29 |
| Reduces economic growth and costs jobs | 16 | 5 | 3 | 7 | 23 | 30 | 15 | 39 |

When there is a conflict between environmental protection and economic growth, which do you think is more important?

| | | | Democrats | | | | Republicans | |
|--|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Protecting the environment, even if it reduces economic growth | 75 | 92 | 97 | 88 | 67 | 54 | 64 | 47 |
| Economic growth, even if it leads to environmental problems | 24 | 7 | 3 | 11 | 31 | 43 | 34 | 50 |

How much do you agree or disagree with the following statement(s)? "Schools should teach our children about the causes, consequences, and potential solutions to global warming."

| | | | Democrats | | | | Republicans | |
|-----------------------------------|-------------------------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Strongly/Somewhat agree | 79 | 96 | 97 | 95 | 77 | 58 | 73 | 49 |
| Strongly agree | 41 | 64 | 80 | 43 | 33 | 16 | 25 | 11 |
| Somewhat agree | 38 | 32 | 17 | 51 | 43 | 42 | 48 | 38 |
| Strongly/Somewhat disagree | 21 | 4 | 3 | 5 | 23 | 41 | 27 | 50 |
| Somewhat disagree | 10 | 2 | 2 | 2 | 13 | 19 | 17 | 20 |
| Strongly disagree | 11 | 2 | 2 | 3 | 10 | 22 | 11 | 30 |

How much can people like you, working together, affect what the government does about global warming?

| | | | Democrats | | | | Republicans | |
|-------------------|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| A great deal | 8 | 10 | 13 | 7 | 8 | 5 | 3 | 6 |
| A lot | 14 | 21 | 27 | 14 | 8 | 8 | 5 | 10 |
| A moderate amount | 33 | 38 | 35 | 41 | 32 | 30 | 35 | 27 |
| A little | 30 | 24 | 20 | 29 | 31 | 36 | 35 | 36 |
| Not at all | 14 | 6 | 4 | 7 | 18 | 20 | 20 | 21 |

When elected officials are considering policies to reduce global warming, how much do you think they are influenced by the actions of citizens (for example, rallies, marches, petitions, phone calls, emails, and letters)?

| | | | Democrats | | | | Republicans | |
|-------------------|--------------------------------|--------------|----------------|----------------|------------------|--------------|--------------------|------------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| A great deal | 7 | 10 | 11 | 8 | 4 | 6 | 7 | 5 |
| A moderate amount | 26 | 30 | 31 | 28 | 28 | 25 | 23 | 26 |
| A little | 40 | 40 | 44 | 37 | 33 | 40 | 43 | 37 |
| Not at all | 16 | 13 | 9 | 16 | 19 | 19 | 17 | 20 |
| Don't know | 11 | 8 | 4 | 11 | 15 | 11 | 10 | 11 |

When elected officials are deciding whether to repeal environmental protections, how much do you think they are influenced by the actions of citizens (for example, rallies, marches, petitions, phone calls, emails, and letters)?

| | | | Democrats | | | | Republicans | |
|-------------------|--------------------------------|--------------|----------------|----------------|------------------|--------------|--------------------|------------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| A great deal | 7 | 9 | 11 | 7 | 4 | 5 | 6 | 4 |
| A moderate amount | 24 | 27 | 27 | 28 | 23 | 22 | 20 | 23 |
| A little | 39 | 37 | 39 | 36 | 33 | 42 | 44 | 42 |
| Not at all | 19 | 18 | 18 | 16 | 24 | 20 | 22 | 20 |
| Don't know | 10 | 8 | 5 | 12 | 15 | 9 | 9 | 9 |

How likely would you be to do each of the following things if a person you like and respect asked you to?

Vote for a candidate for public office because of their position on global warming

| | | | Democrats | | | | Republicans | |
|----------------------|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Definitely would | 26 | 44 | 56 | 29 | 19 | 8 | 12 | 6 |
| Probably would | 27 | 32 | 30 | 34 | 25 | 22 | 29 | 17 |
| Probably would not | 15 | 7 | 3 | 11 | 19 | 23 | 24 | 23 |
| Definitely would not | 14 | 4 | 2 | 6 | 15 | 28 | 16 | 36 |
| Don't know | 13 | 11 | 7 | 16 | 14 | 14 | 13 | 15 |
| Prefer not to answer | 5 | 3 | 1 | 4 | 4 | 4 | 5 | 3 |

Donate money to an organization working on global warming

| | | | Democrats | | | | Republicans | |
|----------------------|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Definitely would | 10 | 17 | 25 | 8 | 7 | 3 | 7 | 1 |
| Probably would | 27 | 40 | 42 | 37 | 27 | 13 | 20 | 8 |
| Probably would not | 21 | 16 | 11 | 22 | 18 | 28 | 27 | 28 |
| Definitely would not | 24 | 5 | 5 | 6 | 31 | 45 | 31 | 54 |
| Don't know | 12 | 17 | 12 | 22 | 9 | 8 | 13 | 5 |
| Prefer not to answer | 6 | 5 | 5 | 5 | 6 | 3 | 3 | 4 |

**How likely would you be to do each of the following things if a person you like and respect asked you to?
(Cont'd.)**

Write letters, emails, or phone government officials about global warming

| | | | Democrats | | | | Republicans | |
|----------------------|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Definitely would | 12 | 20 | 28 | 11 | 11 | 3 | 7 | 1 |
| Probably would | 23 | 35 | 40 | 28 | 25 | 9 | 12 | 7 |
| Probably would not | 25 | 20 | 15 | 27 | 28 | 32 | 32 | 32 |
| Definitely would not | 23 | 7 | 6 | 9 | 18 | 44 | 31 | 53 |
| Don't know | 11 | 13 | 9 | 19 | 12 | 8 | 12 | 5 |
| Prefer not to answer | 5 | 4 | 2 | 6 | 3 | 4 | 5 | 3 |

Volunteer your time to an organization working on global warming

| | | | Democrats | | | | Republicans | |
|----------------------|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Definitely would | 8 | 12 | 18 | 6 | 4 | 3 | 6 | 1 |
| Probably would | 26 | 39 | 44 | 33 | 24 | 13 | 16 | 10 |
| Probably would not | 24 | 20 | 16 | 25 | 23 | 30 | 34 | 28 |
| Definitely would not | 23 | 7 | 6 | 8 | 26 | 42 | 28 | 51 |
| Don't know | 13 | 17 | 13 | 21 | 15 | 9 | 12 | 6 |
| Prefer not to answer | 5 | 5 | 4 | 6 | 5 | 3 | 3 | 3 |

Meet with an elected official or their staff about global warming

| | | | Democrats | | | | Republicans | |
|----------------------|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Definitely would | 8 | 11 | 15 | 7 | 13 | 4 | 8 | 2 |
| Probably would | 23 | 30 | 33 | 25 | 22 | 15 | 15 | 15 |
| Probably would not | 28 | 27 | 27 | 28 | 22 | 32 | 36 | 30 |
| Definitely would not | 21 | 9 | 8 | 10 | 21 | 36 | 24 | 44 |
| Don't know | 13 | 17 | 14 | 22 | 17 | 7 | 11 | 5 |
| Prefer not to answer | 5 | 4 | 2 | 7 | 3 | 4 | 5 | 3 |

Over the past 12 months, how many times have you done the following?**Written letters, emailed, or phoned government officials about global warming**

| | | | Democrats | | | | Republicans | |
|---------------------|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Many times (6+) | 1 | 1 | 1 | -- | 1 | 1 | 2 | -- |
| Several times (4-5) | 3 | 5 | 7 | 1 | 2 | 1 | 1 | * |
| A few times (2-3) | 6 | 10 | 13 | 6 | 5 | 2 | 3 | 1 |
| Once | 4 | 6 | 9 | 3 | 5 | 2 | 4 | 1 |
| Never | 82 | 73 | 66 | 81 | 85 | 92 | 86 | 96 |
| Don't know | 4 | 6 | 3 | 9 | 2 | 3 | 4 | 2 |

[If one or more times] When you contacted a government official did you...

| | | | Democrats | | | | Republicans | |
|---|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Urge them to take action to reduce global warming | 12 | 20 | 30 | 8 | 8 | 3 | 7 | 1 |
| Urge them not to take action to reduce global warming | 1 | 1 | * | 2 | 2 | 1 | 3 | 1 |
| Other (please specify) | 1 | * | 1 | -- | 3 | * | -- | * |
| Not asked | 86 | 79 | 69 | 90 | 87 | 95 | 90 | 98 |

How willing or unwilling would you be to join a campaign to convince elected officials to reduce global warming? (October 2017)

| | | | Democrats | | | | Republicans | |
|--|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| I am participating in a campaign like this now | 2 | 3 | 5 | 1 | 1 | 1 | 2 | -- |
| I definitely would do it | 12 | 21 | 24 | 17 | 9 | 1 | 3 | -- |
| I probably would do it | 24 | 35 | 45 | 21 | 19 | 11 | 20 | 6 |
| I probably would not do it | 14 | 7 | 5 | 11 | 16 | 22 | 24 | 21 |
| I definitely would not do it | 20 | 4 | 3 | 6 | 25 | 40 | 24 | 50 |
| Not sure | 19 | 23 | 14 | 34 | 15 | 15 | 19 | 13 |
| Prefer not to answer | 9 | 7 | 3 | 11 | 15 | 9 | 8 | 10 |

How willing or unwilling would you be to join a campaign to convince elected officials to reduce global warming? (May 2017)

| | | | Democrats | | | | Republicans | |
|--|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,070) | (459) | (240) | (219) | (120) | (442) | (127) | (313) |
| | % | % | % | % | % | % | % | % |
| I am participating in a campaign like this now | 2 | 2 | 4 | 2 | 4 | -- | * | -- |
| I definitely would do it | 9 | 15 | 19 | 12 | 5 | 3 | 2 | 3 |
| I probably would do it | 21 | 31 | 36 | 26 | 21 | 8 | 13 | 6 |
| I probably would not do it | 18 | 14 | 15 | 14 | 18 | 23 | 28 | 22 |
| I definitely would not do it | 22 | 7 | 6 | 7 | 21 | 40 | 25 | 46 |
| Not sure | 20 | 24 | 17 | 31 | 21 | 15 | 20 | 14 |
| Prefer not to answer | 8 | 6 | 4 | 8 | 10 | 9 | 13 | 8 |

Over the past 12 months, how many times have you done the following?**Posted a comment online in response to a news story or blog about global warming**

| | | | Democrats | | | | Republicans | |
|---------------------|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Many times (6+) | 3 | 4 | 6 | 1 | 3 | 2 | 3 | 1 |
| Several times (4-5) | 4 | 6 | 8 | 3 | 5 | 2 | 1 | 2 |
| A few times (2-3) | 9 | 12 | 17 | 7 | 13 | 5 | 5 | 6 |
| Once | 5 | 8 | 8 | 8 | 4 | 3 | 3 | 2 |
| Never | 76 | 66 | 58 | 76 | 71 | 88 | 87 | 88 |
| Don't know | 3 | 3 | 2 | 5 | 3 | 1 | * | 1 |

Volunteered with or donated money to an organization working to reduce global warming

| | | | Democrats | | | | Republicans | |
|---------------------|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Many times (6+) | 2 | 2 | 4 | * | 1 | 1 | 2 | -- |
| Several times (4-5) | 3 | 4 | 6 | 2 | 2 | 1 | 1 | * |
| A few times (2-3) | 8 | 11 | 14 | 8 | 10 | 4 | 7 | 2 |
| Once | 7 | 11 | 13 | 9 | 8 | 2 | 2 | 1 |
| Never | 77 | 66 | 59 | 75 | 73 | 91 | 86 | 95 |
| Don't know | 3 | 4 | 3 | 5 | 4 | 2 | 1 | 2 |

Attended a community meeting or rally about global warming

| | | | Democrats | | | | Republicans | |
|---------------------|-------------------------|-------|-----------|---------|-----------|-------|-------------|-------|
| | Total Registered Voters | Total | Liberal | Mod/Con | Ind/Other | Total | Liberal/Mod | Con |
| Unweighted Base | (1,109) | (503) | (289) | (212) | (118) | (437) | (165) | (271) |
| | % | % | % | % | % | % | % | % |
| Many times (6+) | 1 | 1 | 1 | -- | -- | 1 | 2 | -- |
| Several times (4-5) | 1 | 2 | 2 | 1 | -- | * | 1 | -- |
| A few times (2-3) | 3 | 4 | 7 | 1 | 2 | 1 | 3 | -- |
| Once | 4 | 7 | 8 | 5 | 4 | 1 | 2 | * |
| Never | 90 | 85 | 81 | 89 | 92 | 95 | 91 | 98 |
| Don't know | 1 | 2 | 1 | 4 | 2 | * | -- | 1 |

Appendix II: Survey Method

The data in this report are based on a nationally representative survey of 1,304 American adults, aged 18 and older, 1,109 of whom are registered to vote. The survey was conducted October 20 – November 1, 2017. All questionnaires were self-administered by respondents in a web-based environment. The survey took, on average, about 23 minutes to complete.

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

The survey instrument was designed by Anthony Leiserowitz, Seth Rosenthal, and Matthew Cutler of Yale University, and Edward Maibach and Connie Roser-Renouf of George Mason 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:

- Total registered voters: Plus or minus 3 percentage points.
- Democrats (total): Plus or minus 4 points.
- Liberal Democrats: Plus or minus 6 points.
- Moderate/conservative Democrats: Plus or minus 7 points.
- Independents: Plus or minus 9 points.
- Republicans (total): Plus or minus 5 points.
- Liberal/moderate Republicans: Plus or minus 8 points.
- Conservative Republicans: Plus or minus 6 points.

Rounding error

For tabulation purposes, percentage points are rounded off 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 (e.g., 1.3% + 1.3% = 2.6%, which, after rounding = 3%).

Appendix III: Demographics

Registered Voters

| | N (unweighted) | % (weighted) |
|--|-------------------|-----------------|
| Total | 1,109 | 100 |
| Men | 542 | 48 |
| Women | 567 | 52 |
| Millennial (18-36) | 219 | 28 |
| Generation X (37-52) | 249 | 24 |
| Baby Boomer (53-71) | 491 | 38 |
| Silent Generation (72+) | 150 | 11 |
| Less than high school | 50 | 8 |
| High school graduate | 270 | 27 |
| Some college/Associate degree/Technical degree | 331 | 29 |
| College graduate | 245 | 19 |
| Post graduate | 213 | 16 |
| <\$25K | 109 | 15 |
| \$25K - <\$50K | 223 | 16 |
| \$50K - <\$75K | 195 | 18 |
| \$75K - <\$100K | 176 | 14 |
| \$100K - <\$125K | 140 | 12 |
| \$125K+ | 266 | 25 |
| Hispanic | 108 | 14 |
| White, non-Hispanic | 832 | 68 |
| Black, African-American non-Hispanic | 102 | 12 |
| Other non-Hispanic | 67 | 7 |
| Northeast | 191 | 17 |
| Midwest | 256 | 20 |
| South | 400 | 38 |
| West | 262 | 25 |

Full Sample

| | N (unweighted) 1,304 | % (weighted) 100 |
|--|-----------------------------------|-------------------------------|
| Total | | |
| Men | 637 | 48 |
| Women | 667 | 52 |
| Millennial (18-36) | 305 | 33 |
| Generation X (37-52) | 309 | 25 |
| Baby Boomer (53-71) | 532 | 33 |
| Silent Generation (72+) | 158 | 9 |
| Less than high school | 80 | 11 |
| High school graduate | 340 | 29 |
| Some college/Associate degree/Technical degree | 386 | 29 |
| College graduate | 269 | 17 |
| Post graduate | 229 | 15 |
| <\$25K | 167 | 15 |
| \$25K - <\$50K | 267 | 20 |
| \$50K - <\$75K | 225 | 17 |
| \$75K - <\$100K | 202 | 14 |
| \$100K - <\$125K | 156 | 11 |
| \$125K+ | 287 | 23 |
| White, non-Hispanic | 943 | 64 |
| Black, African-American non-Hispanic | 121 | 12 |
| Hispanic | 145 | 16 |
| Other non-Hispanic | 95 | 8 |
| Northeast | 227 | 18 |
| Midwest | 312 | 21 |
| South | 469 | 38 |
| West | 296 | 24 |

