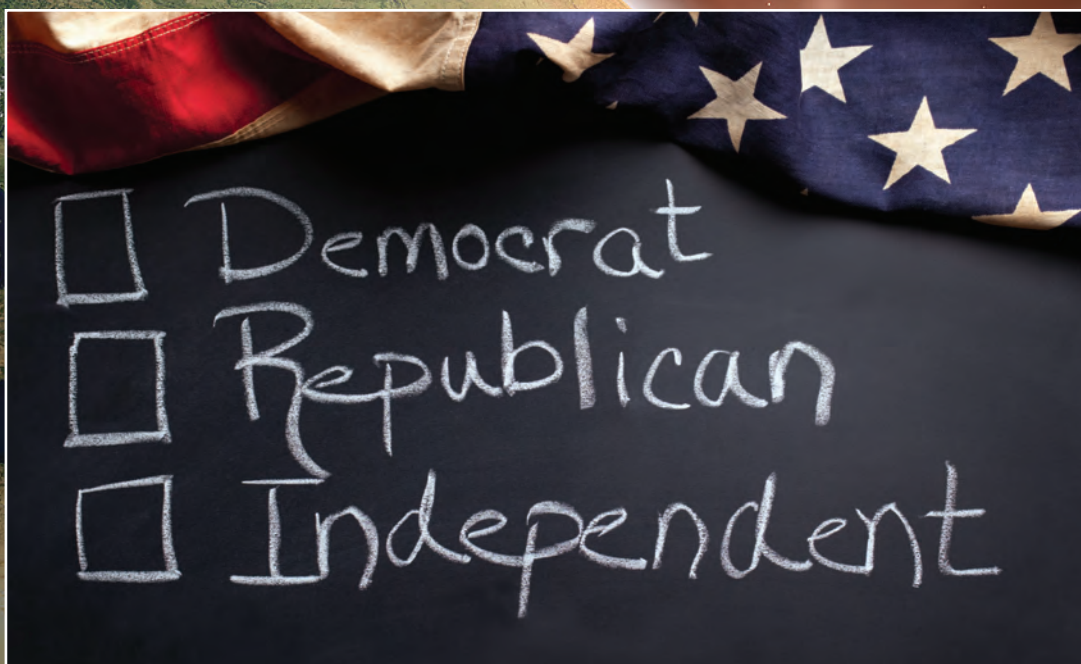


# POLITICS & GLOBAL WARMING

December 2020



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](https://climatecommunication.yale.edu) ([climatecommunication.yale.edu](https://climatecommunication.yale.edu)) and the [George Mason University Center for Climate Change Communication](https://climatechangecommunication.org) ([climatechangecommunication.org](https://climatechangecommunication.org)). Interview dates: December 3 – 16, 2020. Interviews: 1,036 adults (18+), 949 of whom are registered to vote. Average margin of error for registered voters: +/- 3 percentage points at the 95% confidence level. The research was funded by the 11th Hour Project, the Energy Foundation, the MacArthur Foundation, and the Grantham Foundation.

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## Reading notes

- This report includes only registered voters.
- References to Republicans and Democrats throughout include respondents who initially identify as either a Republican or Democrat, as well as those who do not initially identify as a Republican or Democrat but who say they "are closer to" one of those parties (i.e., "leaners") in a follow-up question. The category "Independents" does not include any of these "leaners."
- For tabulation purposes, percentage points are rounded to the nearest whole number. As a result, percentages in a given chart may total slightly higher or lower than 100%. Summed response categories (e.g., "strongly support" + "somewhat support") are rounded after sums are calculated (e.g., 25.3% + 25.3% = 50.6%, which, after rounding, would be reported as 25% + 25% = 51%).
- Weighted percentages among registered voters of each of the groups discussed in this report:
  - Democrats (total) including leaners: 47%
    - Liberal Democrats: 25%
    - Moderate/Conservative Democrats: 22%
      - (Moderate Democrats: 19%; Conservative Democrats: 3%)
  - Independents excluding leaners: 10%
  - Republicans (total) including leaners: 39%
    - Liberal/Moderate Republicans: 16%
      - (Liberal Republicans: 1%; Moderate Republicans: 14%)
    - Conservative Republicans: 23%
  - No party/Not interested in politics/No response: 4% (included in results reported for "All Registered Voters" only)
- In the data tables, "0" denotes that the cell value is between 0.00 and 0.49.
- In all tables, bases are unweighted and percentages are weighted.

## Executive Summary

Drawing on a nationally representative survey ( $N = 1,036$ ; including 949 registered voters), this report describes how registered voters view a variety of climate and energy policies. This survey was fielded from December 3 – 16, 2020 – after the results of the 2020 U.S. presidential election were known, but before control of the U.S. Senate was determined. This executive summary reports the results from all registered voters, while the report breaks the results down by political party and ideology.

### Global Warming and Clean Energy as Government Priorities

- 53% of registered voters say global warming should be a high or very high priority for the president and Congress.
- 66% of registered voters say developing sources of clean energy should be a high or very high priority for the president and Congress.

### Global Warming and Energy Policies

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

- 82% support providing tax rebates to people who purchase energy-efficient vehicles or solar panels.
- 82% support funding more research into renewable energy sources.
- 80% support generating renewable energy (solar and wind) on public land in the U.S.
- 78% support providing federal funding to put solar panels on the roofs of public schools.
- 74% support regulating carbon dioxide as a pollutant.
- 72% support transitioning the U.S. economy (including electric utilities, transportation, buildings, and industry) from fossil fuels to 100% clean energy by 2050.
- 67% support requiring fossil fuel companies to pay a tax on the carbon pollution they produce, and using that revenue to reduce other taxes (such as the federal income tax) by an equal amount (i.e., a revenue-neutral carbon tax).
- 66% support requiring electric utilities to produce 100% of their electricity from renewable energy sources by the year 2035.
- 66% support eliminating all carbon pollution created by coal, oil, and natural gas from the U.S. economy by 2050.
- 55% support increasing federal subsidies for the renewable energy while 49% support *decreasing* subsidies for the fossil fuel industry.

Majorities of registered voters also support a range of policies to reduce energy use and improve efficiency. These include:

- 88% support providing tax incentives or rebates to homeowners, landlords, and businesses to make existing buildings more energy efficient.
- 86% support setting stronger energy efficiency standards for new buildings.
- 83% support setting stronger energy efficiency standards for appliances.



- 80% support providing tax incentives or rebates to homeowners, landlords, and businesses to purchase appliances that can be powered without burning fossil fuels (such as electric water heaters, electric heat pumps, and electric induction cooktops).
- 78% support setting stronger fuel efficiency standards for cars, trucks, and SUVs.
- 67% support installing 500,000 electric vehicle charging stations across the U.S. by 2030.
- Additionally, 44% support requiring that, by 2030, all new cars, trucks, and SUVs sold in the U.S. are electric vehicles.

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

- 86% support providing federal funding to help farmers improve farming practices to protect and restore the soil so it absorbs and stores more carbon.
- 85% support re-establishing the Civilian Conservation Corps, which would employ workers to protect natural ecosystems, plant trees in rural and urban areas, and restore the soil on farmlands.
- 83% support creating a jobs program that would hire unemployed coal workers to safely close down old coal mines and restore the natural landscape.
- 83% support creating a jobs program that would hire unemployed oil and gas workers to safely close down thousands of abandoned oil and gas wells, which are a source of water and methane pollution.
- 76% support setting aside 30% of America's lands and waters for conservation by 2030.
- 68% support increasing federal funding to low-income communities and communities of color who are disproportionately harmed by air and water pollution.

Fewer registered voters support policies to increase fossil-fuel production, including:

- 47% support expanding oil and natural gas drilling off the U.S. coast.
- 40% support drilling and mining fossil fuels on public land in the U.S.
- 28% support drilling for oil in Alaska's Arctic National Wildlife Refuge.

### **International Cooperation on Global Warming**

- 75% support U.S. participation in the Paris Climate Agreement.
- 79% support the next U.S. president hosting a meeting of the leaders of large industrialized nations to urge them to do more to reduce global warming.
- 79% say that it is in America's national interest to increase diplomatic and trade pressure on China to reduce its carbon pollution, and 74% say the U.S. should cooperate with China to reduce global warming.
- 64% say that the U.S. should reduce greenhouse emissions regardless of what other countries do.

### **Declaring Climate Change a National Emergency**

- 56% support a U.S. president declaring global warming a national emergency if Congress does not act.



## **The Green New Deal**

- 66% support the Green New Deal, although only 18% say they have heard "a lot" about it.

## **Energy Production as an Economic Issue**

- 56% say that policies to promote clean energy will improve economic growth and create jobs. 29% say these policies will reduce growth and cost jobs.
- 61% say that increasing production of clean energy in the U.S. will produce more new jobs than will increasing fossil fuel production.

## **Support for Infrastructure Investments**

68% of registered voters support a major government investment in the nation's infrastructure, including:

- 93% support investments to repair and improve the nation's roads, bridges, and highways, and 90% support investments to repair and improve public water supply systems.
- 84% support investments to modernize and upgrade the nation's electricity grid and repair, and 81% support investments to improve dams and levees.
- 74% support funds to repair and improve National Parks.
- 65% support funds to install solar panels and wind turbines across the country, 65% to modernize and upgrade the nation's oil pipelines and natural gas lines, and 61% to repair and improve the nation's ports and harbors.

## **Acting on Global Warming**

- 70% say corporations and industry should do more to address global warming.
- Half or more say citizens (63%), the Republican Party (62%), the U.S. Congress (62%), their local government officials (56%), the Democratic Party (56%), their governor (55%), the media (50%), and they themselves (50%) should do more to address global warming.

## **Educating Students About Global Warming**

- 78% support schools teaching children the causes, consequences, and potential solutions to global warming.

## **Global Warming as a Voting Issue in the 2020 Election**

- 48% say the issue of global warming was an important factor in determining how they voted in 2020.

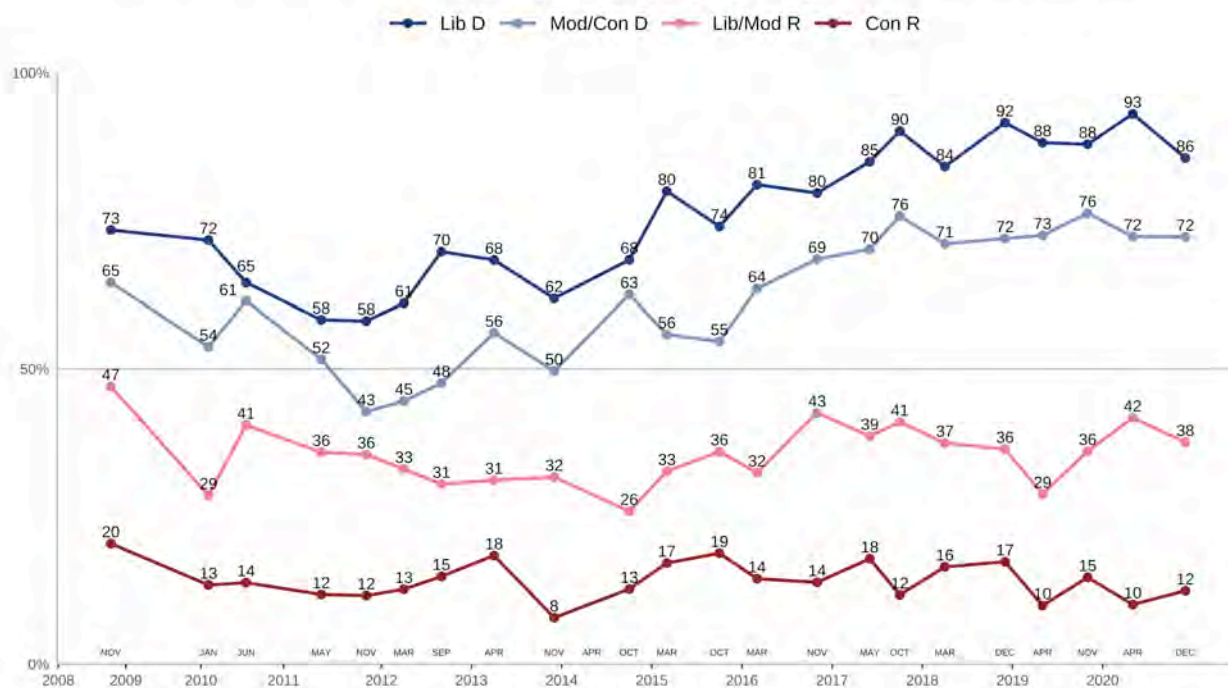
## 1. Global Warming and Clean Energy as Government Priorities

### 1.1. Most Democrats think global warming should be a "high" or "very high" priority for the president and Congress.

Large majorities of liberal Democrats (86%) and moderate/conservative Democrats (72%) think global warming should be a high or very high priority for the president and Congress, as do half of Independents (50%, see Data Tables). Relatively few liberal/moderate Republicans (38%) or conservative Republicans (12%) think so.

Over the past five years (since October 2015), the percentage of liberal Democrats who think global warming should be a high or very high priority for the president and Congress has increased by 12 percentage points and the percentage of moderate/conservative Democrats who think so has increased by 17 percentage points.

**Most Democrats think global warming should be a "high" or "very high" priority for the president and Congress**  
 - % "high" or "very high" priority -



Do you think the following should be a low, medium, high, or very high priority for the president and Congress? [Global warming]  
 December 2020.



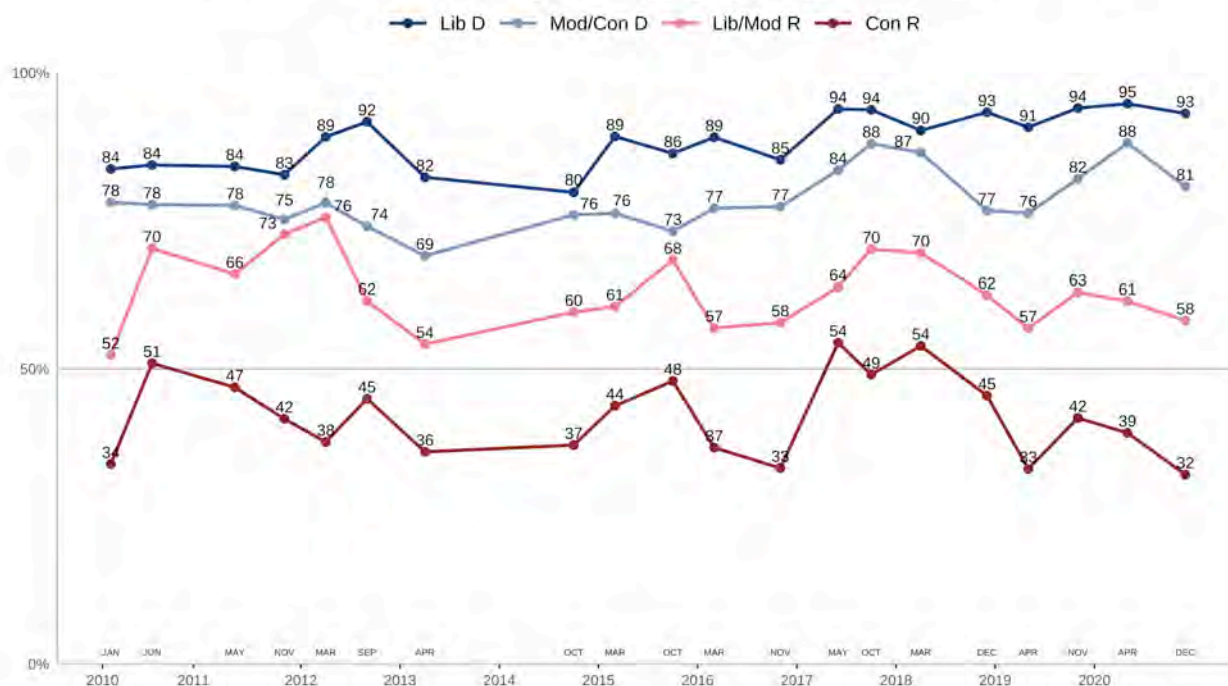


### 1.2. Most registered voters think developing sources of clean energy should be a "high" or "very high" priority for the president and Congress.

About nine in ten liberal Democrats (93%), eight in ten moderate/conservative Democrats (81%), and about six in ten Independents (64%, see Data Tables) and liberal/moderate Republicans (58%) think developing sources of clean energy should be a high or very high priority for the president and Congress. About one in three conservative Republicans (32%) think so.

Overall, Democrats think both global warming (79%; see Data Tables) and developing sources of clean energy (87%) should be high priorities for the president and Congress. In contrast, Republicans are more likely to think clean energy should be a priority (43%) than to think global warming should be a priority (23%).

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



Do you think the following should be a low, medium, high, or very high priority for the president and Congress? [Developing sources of clean energy] December 2020.



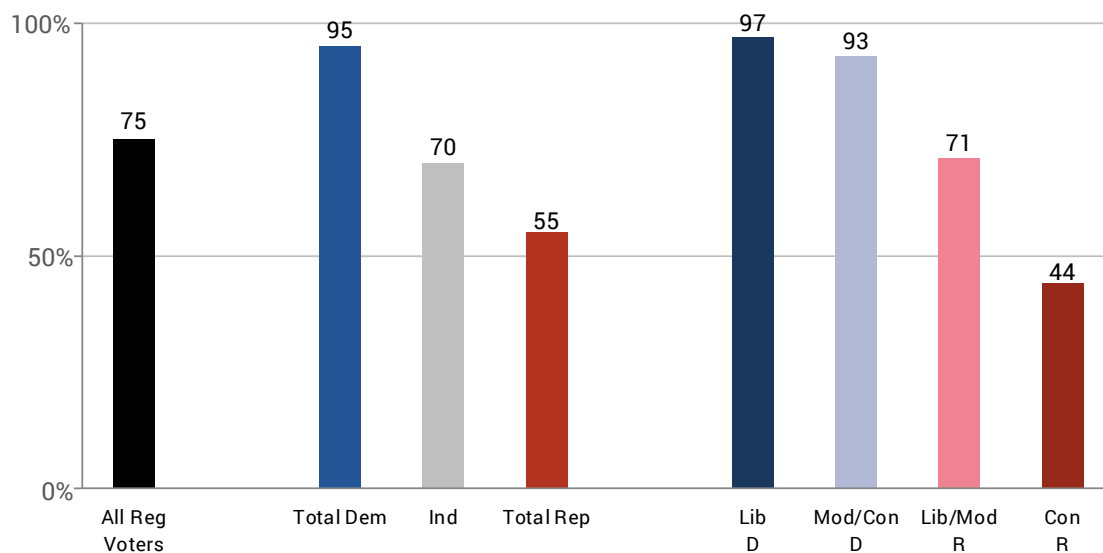
## 2. Support for Policies to Reduce the Pollution that Causes Global Warming

### 2.1. There is bipartisan support for 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. On June 1, 2017, President Trump announced that the United States would withdraw from the agreement, and on November 4, 2020, the day after the U.S. presidential election, the U.S. formally withdrew. President-elect Biden has announced that the U.S. will re-join the agreement soon after Biden's inauguration on January 20, 2021.

Three in four registered voters (75%) support U.S. participation in the Paris Climate Agreement, but support varies by party. Nearly all liberal Democrats (97%) and moderate/conservative Democrats (93%) support U.S. participation, as do seven in ten liberal/moderate Republicans (71%) and Independents (70%). About four in ten conservative Republicans (44%) also support U.S. participation in the Agreement.

### There is bipartisan support for U.S. participation in the Paris Climate Agreement - % "strongly" or "somewhat" support -



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?

December 2020.



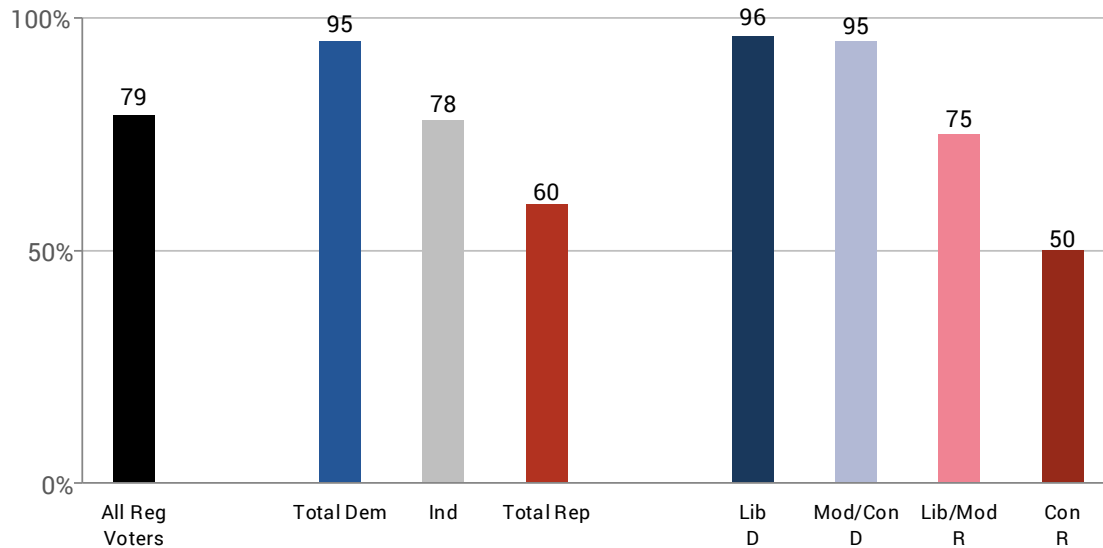
**2.2. Registered voters support the U.S. president hosting a meeting of world leaders to urge them to do more to reduce global warming.**

A large majority of registered voters (79%) support the next U.S. president hosting a meeting of the leaders of large industrialized nations to urge them to do more to reduce global warming.

Nearly all liberal Democrats (96%) and moderate/conservative Democrats (95%) support this proposal. Majorities of Independents (78%) and liberal/moderate Republicans (75%) do as well, as do half of conservative Republicans (50%).

**Registered voters support the U.S. president hosting a meeting of world leaders to urge them to do more to reduce global warming**

- % "strongly" or "somewhat" support -



How much do you support or oppose the next U.S. president hosting a meeting of the leaders of large industrialized nations to urge them to do more to reduce global warming?

December 2020.

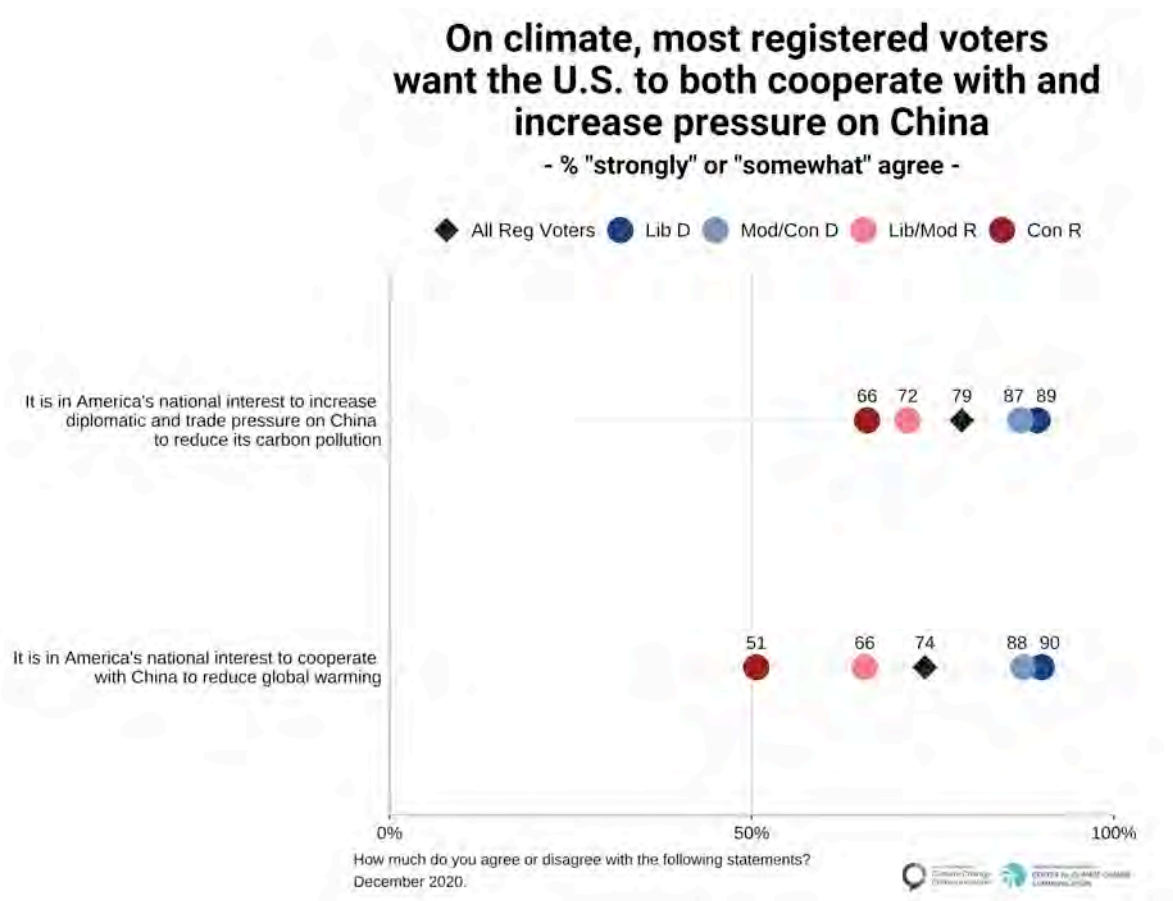


### 2.3. On climate, most registered voters want the U.S. to both cooperate with and increase pressure on China.

Data from the [Union of Concerned Scientists](https://www.ucsusa.org/resources/each-countrys-share-co2-emissions)<sup>1</sup> and [United Nations](https://www.unenvironment.org/emissions-gap-report-2020)<sup>2</sup> indicate that China produces more carbon dioxide emissions than any other country in the world, although its historical emissions and current emissions per capita are lower than those of the United States.

In the U.S., more than three in four registered voters (79%) agree that it is in America’s national interest to increase diplomatic and trade pressure on China to reduce its carbon pollution. About nine in ten liberal Democrats (89%) and conservative/moderate Democrats (87%), seven in ten liberal/moderate Republicans (72%), and two in three conservative Republicans (66%) agree.

About three in four registered voters (74%) also agree that it is in America’s national interest to cooperate with China to reduce global warming. About nine in ten liberal Democrats (90%) and conservative/moderate Democrats (88%), and two in three liberal/moderate Republicans (66%), as do about half of conservative Republicans (51%).



<sup>1</sup> <https://www.ucsusa.org/resources/each-countrys-share-co2-emissions>

<sup>2</sup> <https://www.unenvironment.org/emissions-gap-report-2020>

## 2.4. Most registered voters, including Republicans, support climate-friendly energy policies.

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

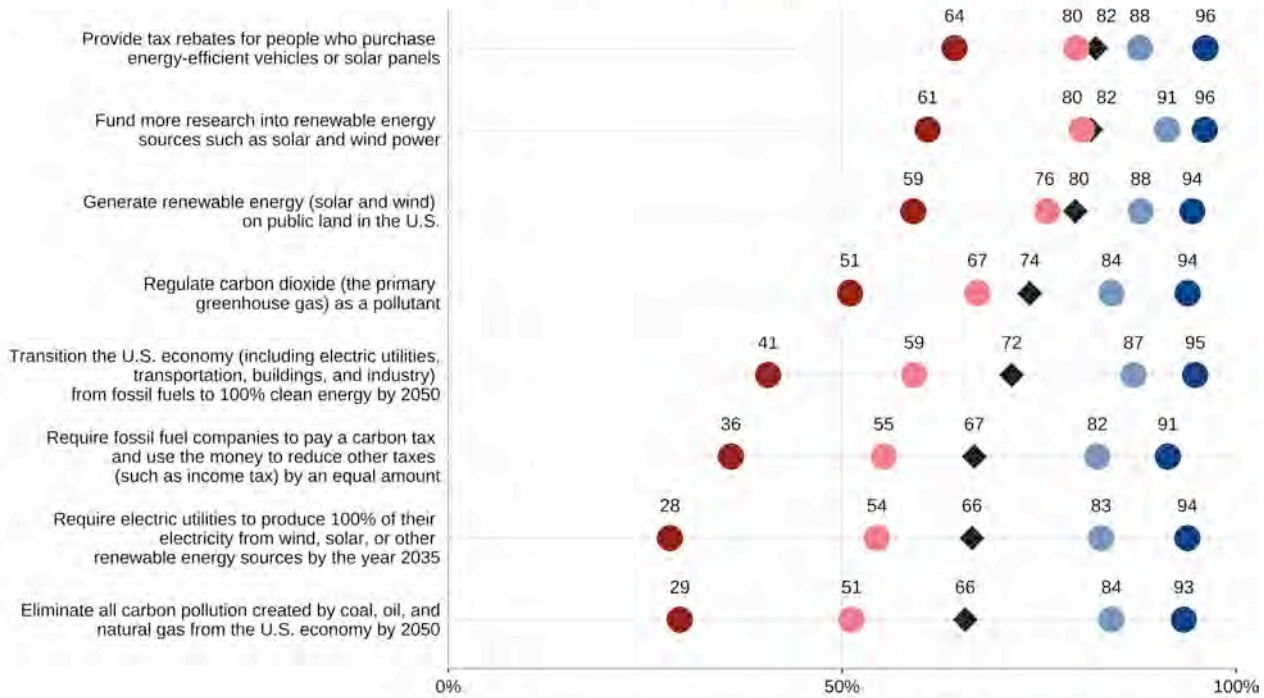
- Providing tax rebates to people who purchase energy-efficient vehicles or solar panels: 82% of registered voters, 96% of liberal Democrats, 88% of moderate/conservative Democrats, 80% of liberal/moderate Republicans, and 64% of conservative Republicans.
- Funding more research into renewable energy sources: 82% of registered voters, 96% of liberal Democrats, 91% of moderate/conservative Democrats, 80% of liberal/moderate Republicans, and 61% of conservative Republicans.
- Generating renewable energy (solar and wind) on public land in the U.S.: 80% of registered voters, 94% of liberal Democrats, 88% of moderate/conservative Democrats, 76% of liberal/moderate Republicans, and 59% of conservative Republicans.
- Regulating carbon dioxide as a pollutant: 74% of registered voters, 94% of liberal Democrats, 84% of moderate/conservative Democrats, 67% of liberal/moderate Republicans, and 51% of conservative Republicans.
- Transitioning the U.S. economy (including electric utilities, transportation, buildings, and industry) from fossil fuels to 100% clean energy by 2050: 72% of registered voters, 95% of liberal Democrats, 87% of moderate/conservative Democrats, 59% of liberal/moderate Republicans, and 41% of conservative Republicans.
- Requiring fossil fuel companies to pay a tax on the carbon pollution they produce, and use that revenue to reduce other taxes (such as the federal income tax) by an equal amount (i.e., a revenue-neutral carbon tax): 67% of registered voters, 91% of liberal Democrats, 82% of moderate/conservative Democrats, 55% of liberal/moderate Republicans, and 36% of conservative Republicans.
- Requiring electric utilities to produce 100% of their electricity from renewable energy sources by the year 2035: 66% of registered voters, 94% of liberal Democrats, 83% of moderate/conservative Democrats, 54% of liberal/moderate Republicans, and 28% of conservative Republicans.
- Eliminating all carbon pollution created by coal, oil, and natural gas from the U.S. economy by 2050: 66% of registered voters, 93% of liberal Democrats, 84% of moderate/conservative Democrats, 51% of liberal/moderate Republicans, and 29% of conservative Republicans.



## Most registered voters, including Republicans, support climate-friendly energy policies

- % "strongly" or "somewhat" support -

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



How much do you support or oppose the following policies?  
December 2020.



## 2.5. Most registered voters support policies to reduce energy use and improve efficiency.

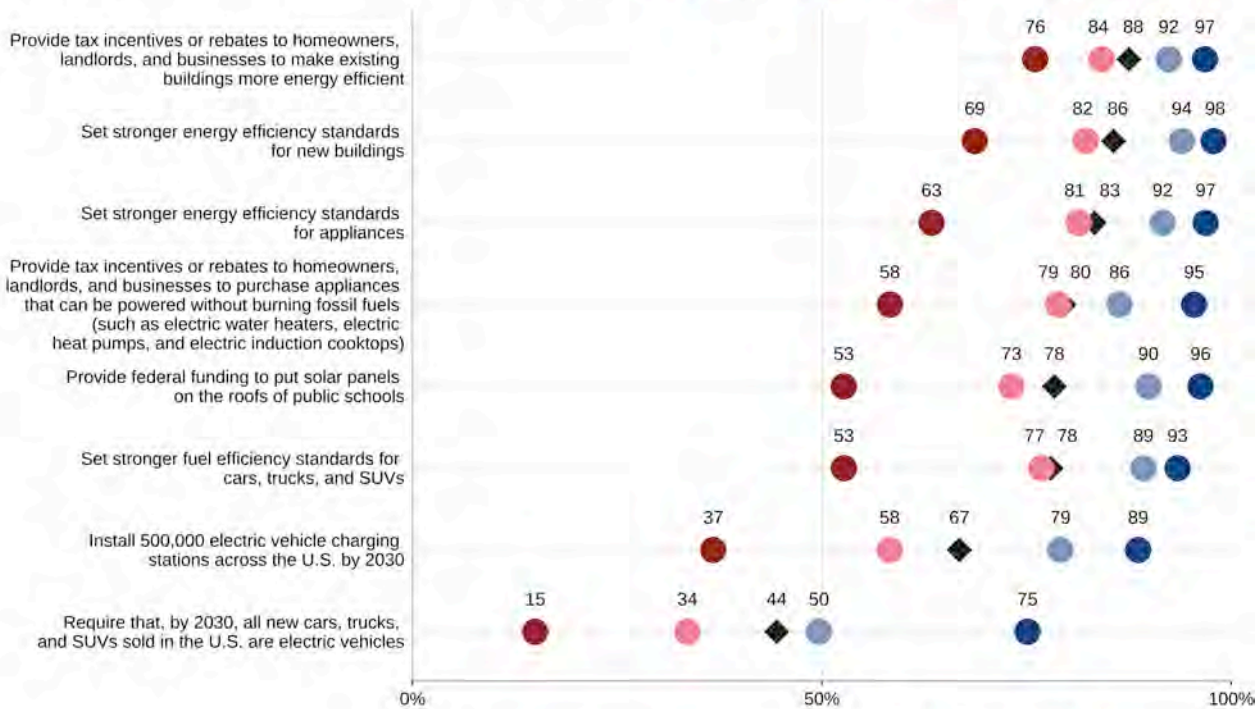
Registered voters across the political spectrum support several policies to promote climate-friendly energy use and efficiency in the United States, including:

- Providing tax incentives or rebates to homeowners, landlords, and businesses to make existing buildings more energy efficient: 88% of registered voters, 97% of liberal Democrats, 92% of moderate/conservative Democrats, 84% of liberal/moderate Republicans, and 76% of conservative Republicans.
- Setting stronger energy efficiency standards for new buildings: 86% of registered voters, 98% of liberal Democrats, 94% of moderate/conservative Democrats, 82% of liberal/moderate Republicans, and 69% of conservative Republicans.
- Setting stronger energy efficiency standards for appliances: 83% of registered voters, 97% of liberal Democrats, 92% of moderate/conservative Democrats, 81% of liberal/moderate Republicans, and 63% of conservative Republicans.
- Providing tax incentives or rebates to homeowners, landlords, and businesses to purchase appliances that can be powered without burning fossil fuels (such as electric water heaters, electric heat pumps, and electric induction cooktops): 80% of registered voters, 95% of liberal Democrats, 86% of moderate/conservative Democrats, 79% of liberal/moderate Republicans, and 58% of conservative Republicans.
- Providing federal funding to put solar panels on the roofs of public schools: 78% of registered voters, 96% of liberal Democrats, 90% of moderate/conservative Democrats, 73% of liberal/moderate Republicans, and 53% of conservative Republicans.
- Setting stronger fuel efficiency standards for cars, trucks, and SUVs: 78% of registered voters, 93% of liberal Democrats, 89% of moderate/conservative Democrats, 77% of liberal/moderate Republicans, and 53% of conservative Republicans.
- Installing 500,000 electric vehicle charging stations across the U.S. by 2030: 67% of registered voters, 89% of liberal Democrats, 79% of moderate/conservative Democrats, 58% of liberal/moderate Republicans, and 37% of conservative Republicans.
- Fewer registered voters (44%) support a policy requiring that, by 2030, all new cars, trucks, and SUVs sold in the U.S. are electric vehicles, including 75% of liberal Democrats, 50% of moderate/conservative Democrats, 34% of liberal/moderate Republicans, and 15% of conservative Republicans.

## Most registered voters support policies to reduce energy use and improve efficiency

- % "strongly" or "somewhat" support -

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



How much do you support or oppose the following policies?  
December 2020.

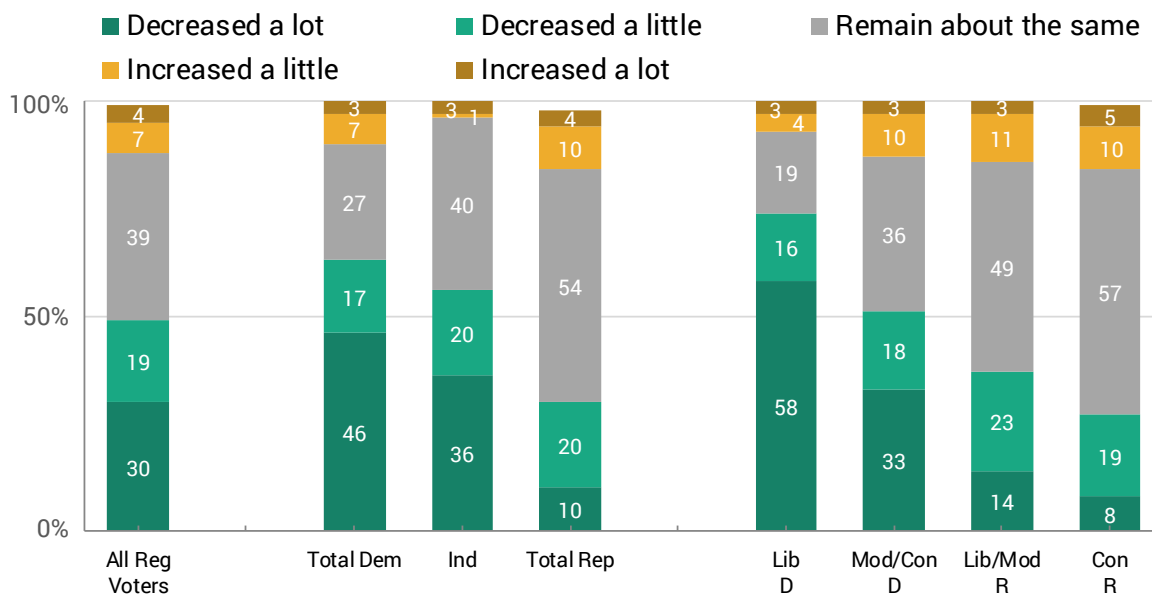


## 2.6. Half of registered voters think subsidies for the fossil fuel industry should be decreased.

About half of registered voters (49%) think federal subsidies for the fossil fuel industry should be decreased, while fewer (39%) think they should remain the same as they currently are and only 11% think they should be increased.

Majorities of liberal Democrats (74%) and Independents (57%), and about half of moderate/conservative Democrats (51%) think fossil fuel subsidies should be decreased. Fewer liberal/moderate Republicans (37%) and conservative Republicans (27%) think fossil fuel subsidies should be decreased, but few think they should be increased, while half or more think they should remain about the same (49% and 57%, respectively).

### Half of registered voters think subsidies for the fossil fuel industry should be decreased



Do you think federal subsidies for the fossil fuel industry (coal, oil, and natural gas) should be increased, decreased, or remain about the same as they currently are?

December 2020.

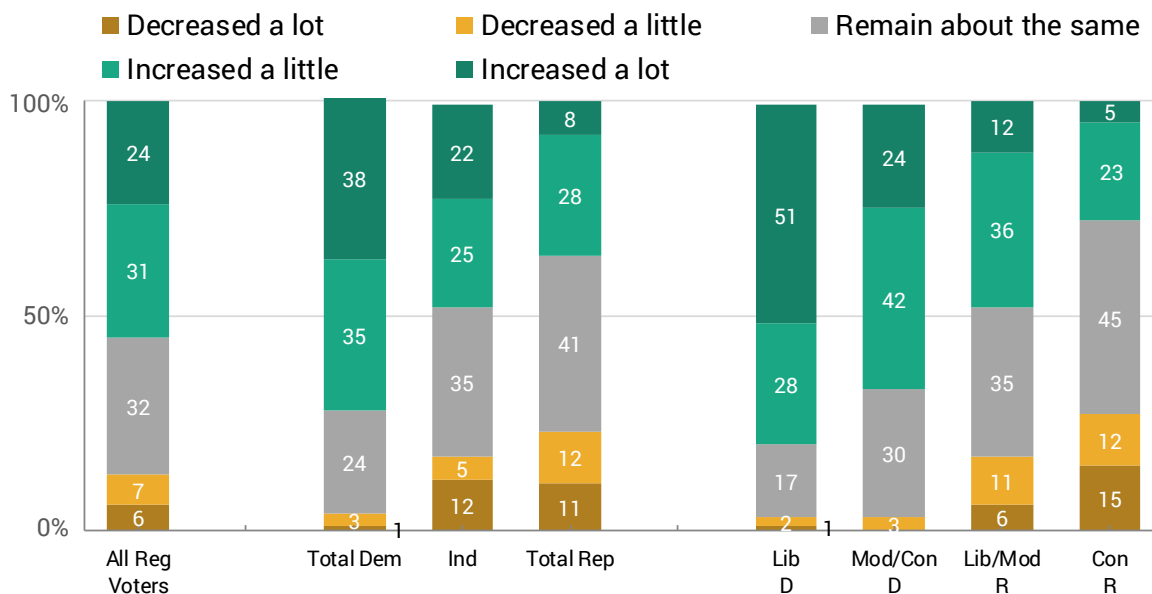


## 2.7. More than half of registered voters think subsidies for the renewable energy industry should be increased.

More than half of registered voters (55%) think federal subsidies for the renewable energy industry should be increased, while fewer (32%) think they should remain the same as they currently are and only 13% think they should be decreased.

Majorities of liberal Democrats (78%) and moderate/conservative Democrats (67%) think renewable energy subsidies should be increased. About half of liberal/moderate Republicans (48%) and Independents (47%) also think renewable energy subsidies should be increased. About the same percentage of conservative Republicans think fossil fuel subsidies should be increased (28%) as think they should be decreased (27%), while 45% of conservative Republicans think the subsidies should remain the same as they currently are.

### More than half of registered voters think subsidies for the renewable energy industry should be increased



Do you think federal subsidies for the renewable energy industry (such as solar, wind, and geothermal) should be increased, decreased, or remain about the same as they currently are?

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## 2.8. Most registered voters support conservation and restoration policies.

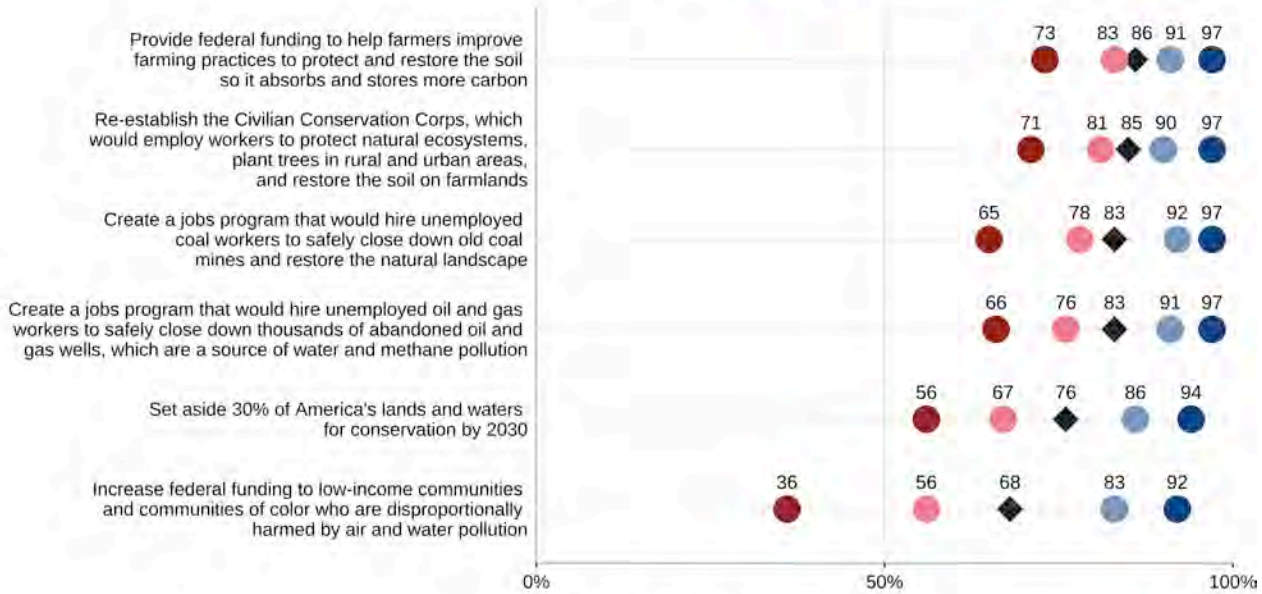
Registered voters across the political spectrum support a range of conservation and restoration policies, including:

- Providing federal funding to help farmers improve farming practices to protect and restore the soil so it absorbs and stores more carbon: 86% of registered voters, 97% of liberal Democrats, 91% of moderate/conservative Democrats, 83% of liberal/moderate Republicans, and 73% of conservative Republicans.
- Re-establishing the Civilian Conservation Corps, which would employ workers to protect natural ecosystems, plant trees in rural and urban areas, and restore the soil on farmlands: 85% of registered voters, 97% of liberal Democrats, 90% of moderate/conservative Democrats, 81% of liberal/moderate Republicans, and 71% of conservative Republicans.
- Creating a jobs program that would hire unemployed coal workers to safely close down old coal mines and restore the natural landscape: 83% of registered voters, 97% of liberal Democrats, 92% of moderate/conservative Democrats, 78% of liberal/moderate Republicans, and 65% of conservative Republicans.
- Creating a jobs program that would hire unemployed oil and gas workers to safely close down thousands of abandoned oil and gas wells, which are a source of water and methane pollution: 83% of registered voters, 97% of liberal Democrats, 91% of moderate/conservative Democrats, 76% of liberal/moderate Republicans, and 66% of conservative Republicans.
- Setting aside 30% of America's lands and waters for conservation by 2030: 76% of registered voters, 94% of liberal Democrats, 86% of moderate/conservative Democrats, 67% of liberal/moderate Republicans, and 56% of conservative Republicans.
- Increasing federal funding to low-income communities and communities of color who are disproportionately harmed by air and water pollution: 68% of registered voters, 92% of liberal Democrats, 83% of moderate/conservative Democrats, 56% of liberal/moderate Republicans, and 36% of conservative Republicans.

## Most registered voters support conservation and restoration policies

- % "strongly" or "somewhat" support -

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



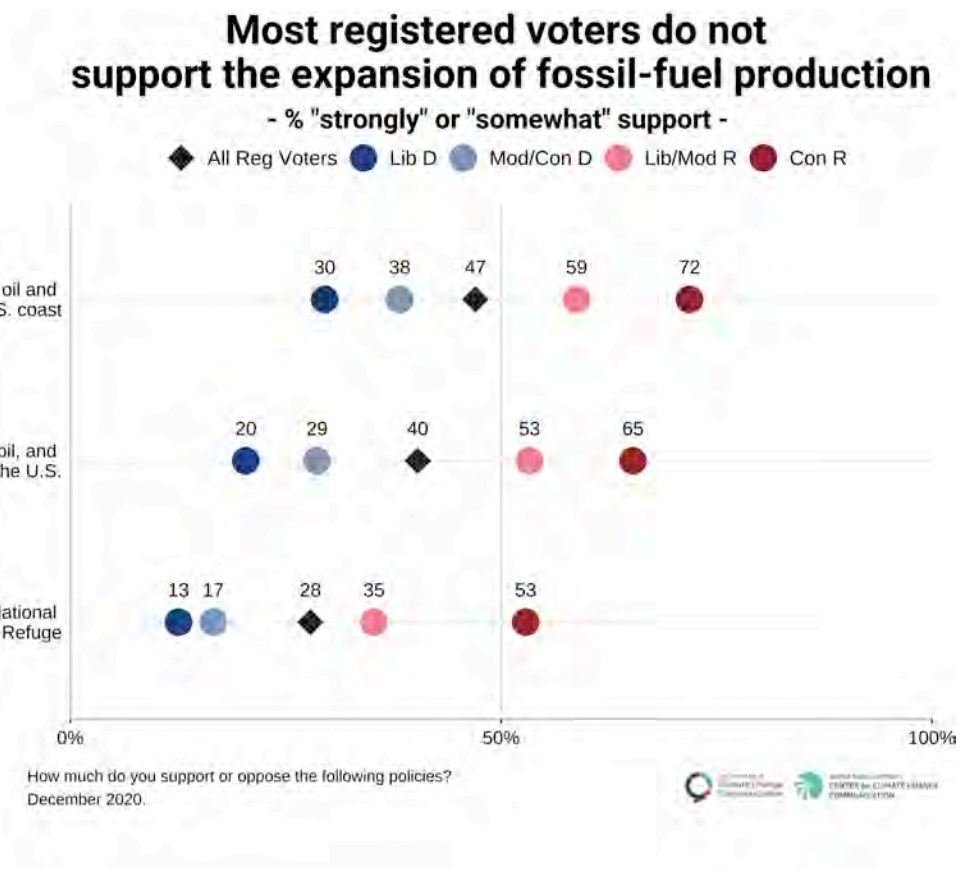
How much do you support or oppose the following policies?  
December 2020.



## 2.9. Most registered voters do not support the expansion of fossil-fuel production.

Forty-seven percent of registered voters support expanding offshore drilling for oil and natural gas off the U.S. coast, while four in ten (40%) support drilling and mining for fossil fuels on public land in the U.S. Majorities of liberal/moderate Republicans and conservative Republicans support expanding offshore drilling (59% of liberal/moderate Republicans and 72% of conservative Republicans) as well as drilling and mining on public lands (53% of liberal/moderate Republicans and 65% of conservative Republicans). Fewer Democrats support these policies.

Fewer registered voters (28%) support drilling for oil in Alaska's Arctic National Wildlife Refuge (ANWR), while a large majority (71%) oppose it (see Data Tables). About half of conservative Republicans (53%) support this policy, but liberal/moderate Republicans (35%), moderate/conservative Democrats (17%), and liberal Democrats (13%) are much less likely to support drilling in ANWR.

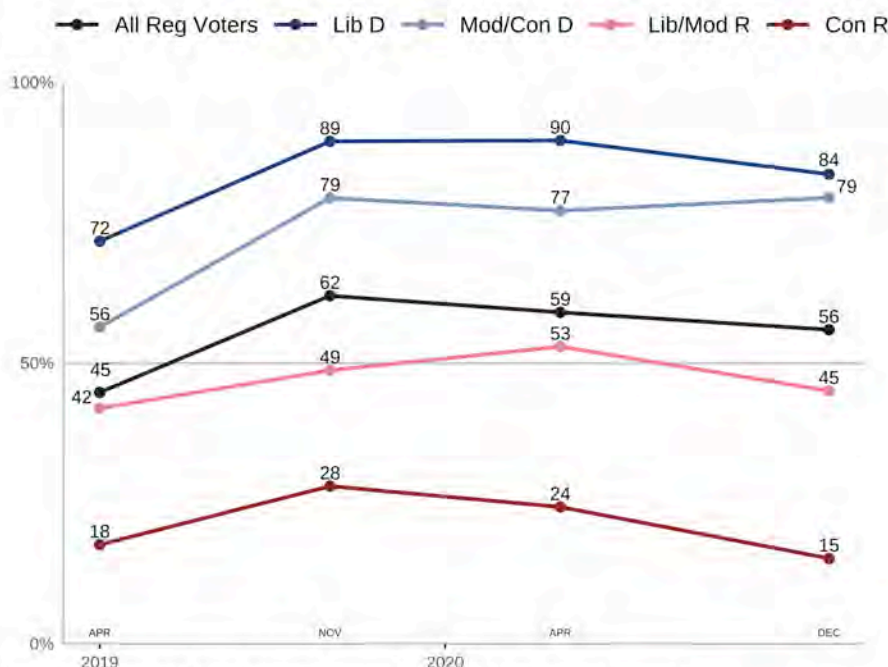


**2.10. A majority of registered voters would support a president declaring a national emergency to act on global warming.**

More than half of registered voters (56%) would "strongly" or "somewhat" support a U.S. president declaring global warming a national emergency to act on it if Congress does not. This action has the support of large majorities of both liberal Democrats (84%, with 51% saying they "strongly support" it; see Data Tables) and moderate/conservative Democrats (79%). About half of Independents (54%, see Data Tables), and 45% of liberal/moderate Republicans support the president declaring a national emergency to act on global warming, while only 15% of conservative Republicans support it (and 85% of conservative Republicans oppose it, including 64% who "strongly oppose" it, see Data Tables).

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

- % "strongly" or "somewhat" support -



If Congress does not take action on global warming, how much do you support or oppose a U.S. president declaring a national emergency to act on it without Congress?  
December 2020.

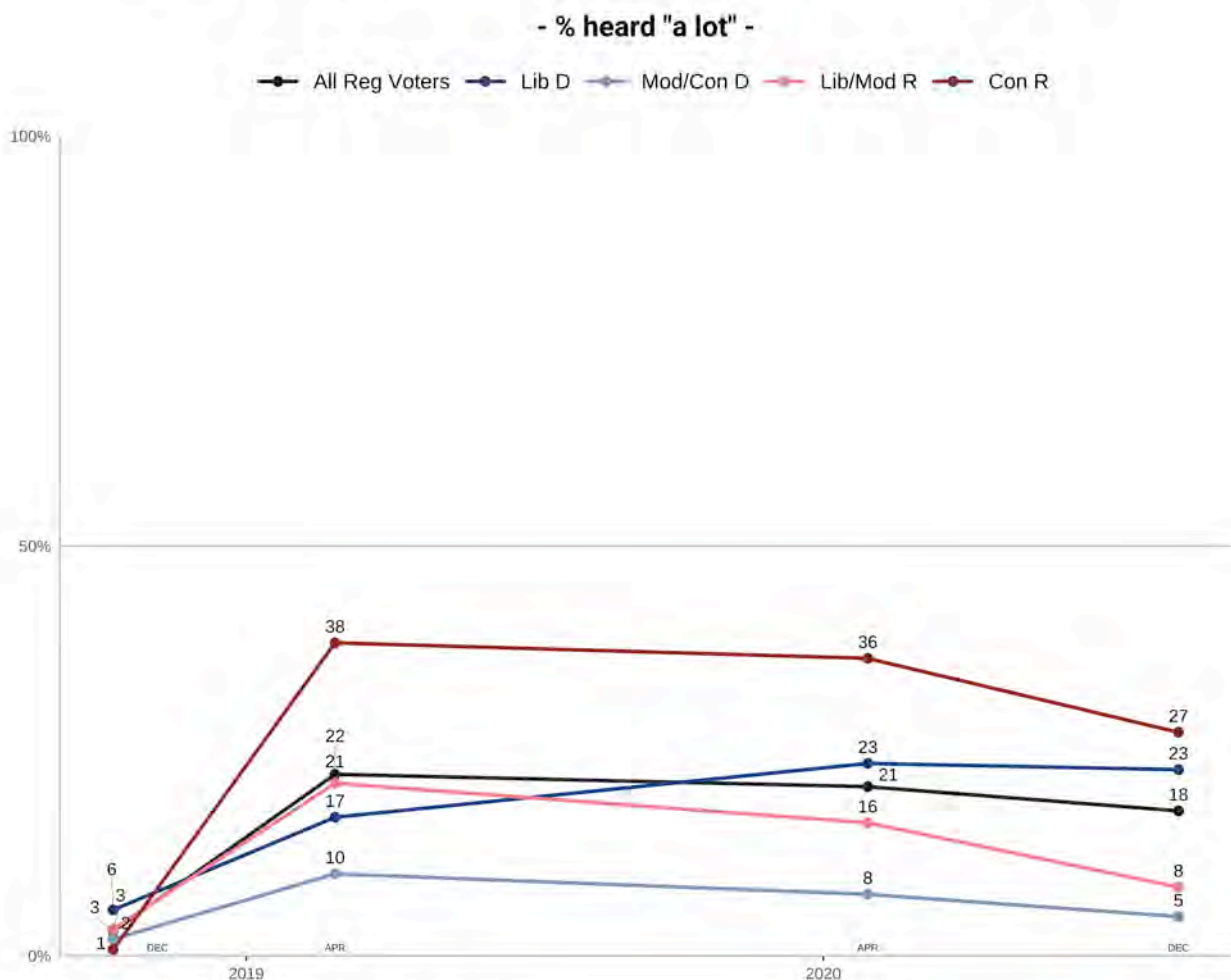


### 2.11. Liberal Democrats and conservative Republicans have heard the most about the "Green New Deal."

About one in five registered voters (18%) have heard “a lot” about the policy proposal called the “Green New Deal” (see section 2.12 for a description of the policy). This represents an increase of 15 percentage points since this question was first asked in December 2018. Conservative Republicans were most likely to have heard “a lot” about the Green New Deal (27%), followed by liberal Democrats (23%).

Overall, relatively few registered voters have heard a lot about the Green New Deal, which suggests that opinions about the proposal may continue to change over time.

### Liberal Democrats and conservative Republicans have heard the most about the "Green New Deal"



How much, if anything, have you heard about a policy being proposed by some members of Congress called the "Green New Deal"? Have you heard... December 2020.





## 2.12. A majority of registered voters support a "Green New Deal."

As we reported [in 2019](#), a majority of registered voters support the policy aspirations included in the Green New Deal, although support decreased during the time period between [December 2018 and April 2019, particularly among conservative Republicans and regular viewers of the Fox News Channel](#).<sup>3</sup> The description of the policy was summarized based on a [2018 policy report](#):<sup>4</sup> *"the Green New Deal will produce jobs and strengthen America's economy by accelerating the transition from fossil fuels to clean, renewable energy. The Deal would generate 100% of the nation's electricity from clean, renewable sources within the next 10 years; upgrade the nation's energy grid, buildings, and transportation infrastructure; increase energy efficiency; invest in green technology research and development; and provide training for jobs in the new green economy."*

As of December 2020, about two in three registered voters (66%) support the Green New Deal as described above, including a large majority of liberal Democrats (91%) and conservative/moderate Democrats (86%). About six in ten liberal/moderate Republicans (59%) but fewer conservative Republicans (24%) also support the Green New Deal.

Overall, support for the Green New Deal among registered voters has decreased by six percentage points since our previous survey in April 2020, and by 15 points since we first asked this question in December 2018.

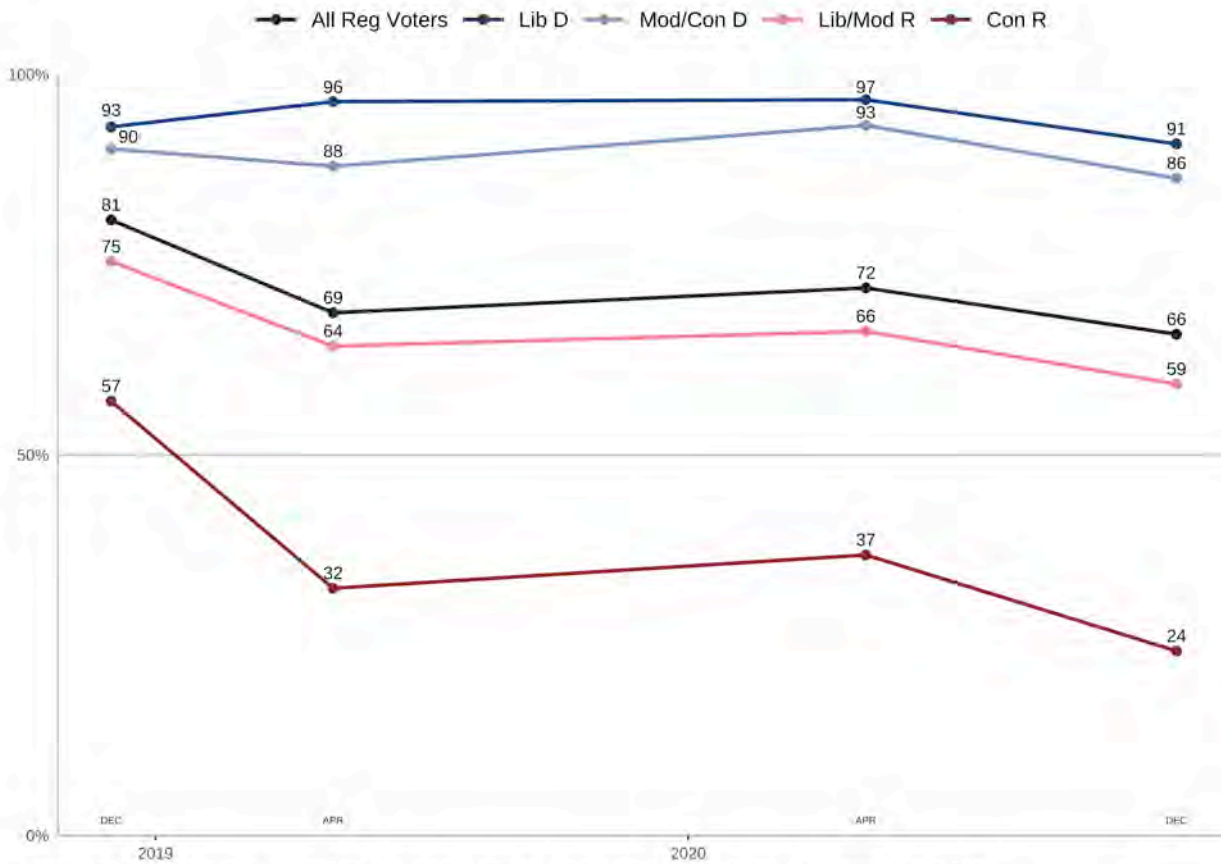
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<sup>3</sup> Gustafson, A., Rosenthal, S.A., Ballew, M.T., Goldberg, M. H., Bergquist, P., Kotcher, J. E., Maibach, E. W., & Leiserowitz, A. (2019). The development of partisan polarization over the Green New Deal. *Nature Climate Change*, 9, 940-944. <https://doi.org/10.1038/s41558-019-0621-7>

<sup>4</sup> <https://www.dataforprogress.org/green-new-deal/#introduction>

# A majority of registered voters support a "Green New Deal"

- % "strongly" or "somewhat" support -



Some members of Congress are proposing a "Green New Deal" for the U.S. They say that a Green New Deal will produce jobs and strengthen America's economy by accelerating the transition from fossil fuels to clean, renewable energy. The "Deal" would generate 100% of the nation's electricity from clean, renewable sources within the next 10 years, upgrade the nation's energy grid, buildings and transportation infrastructure, increase energy efficiency, invest in "green" technology research and development, and provide training for jobs in the new "green" economy. How much do you support or oppose this idea? December 2020.



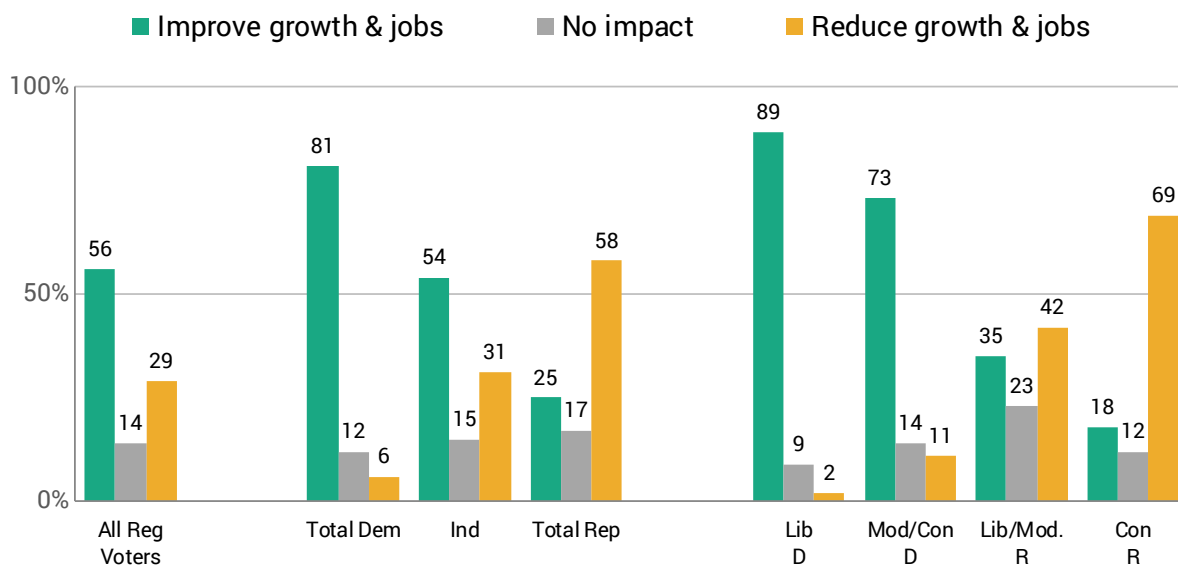
### 3. Energy Production as an Economic Issue

#### 3.1. Most registered voters think policies that promote clean energy will improve economic growth and create jobs.

A majority of registered voters (56%) think policies that promote clean energy will improve economic growth and create jobs, while about three in ten (29%) think it will have the opposite effect, reducing growth and costing jobs, and 14% think it will have no impact either way.

Opinion is sharply divided along political lines – large majorities of liberal Democrats (89%) and moderate/conservative Democrats (73%), and about half of Independents (54%) think clean energy policies will have a positive impact on the economy and jobs, while about four in ten liberal/moderate Republicans (42%) and seven in ten conservative Republicans (69%) think they will have a negative impact.

### Most registered voters think policies that promote clean energy will improve economic growth and create jobs



Please indicate which one of these statements comes closest to your own views – even if it is not exactly right: Overall, government policies intended to transition away from fossil fuels (coal, oil, natural gas) and toward clean energy (solar, wind) will... (a) Improve economic growth and provide new jobs; (b) Have no impact on economic growth or jobs; (c) Reduce economic growth and cost jobs.

December 2020.

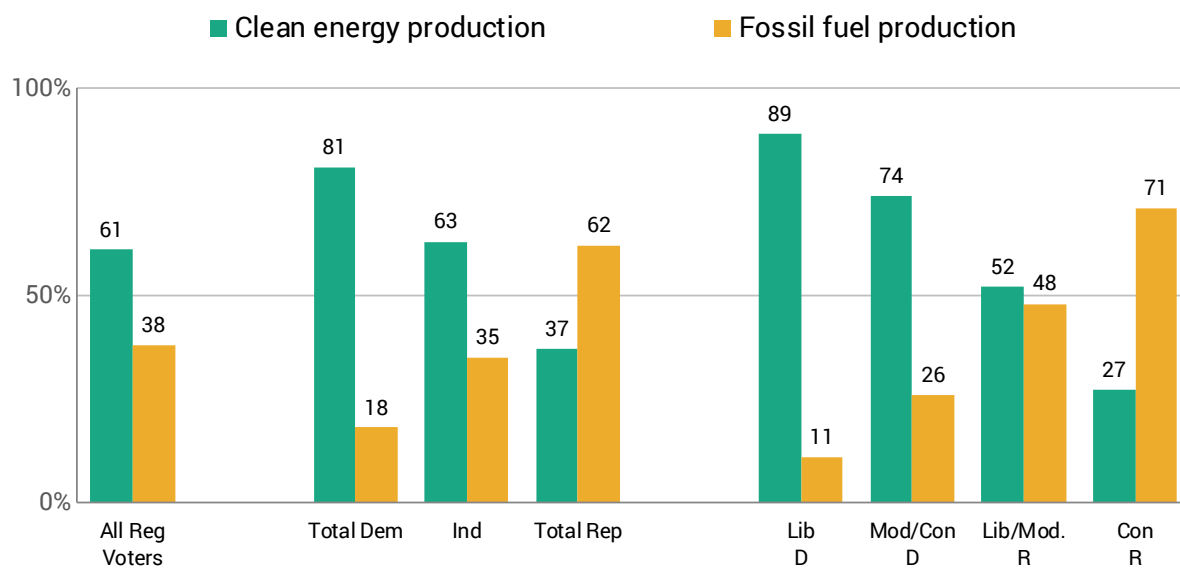


### 3.2. Most registered voters think the clean energy industry will create more good jobs than the fossil fuel industry.

About six in ten registered voters (61%) think increasing production of clean energy in the U.S. will produce more new jobs than will increasing fossil fuel production, while about four in ten (38%) think the opposite (that increasing fossil fuel production will create more jobs than will increasing clean energy production).

Large majorities of liberal Democrats (89%) and moderate/conservative Democrats (74%) and about six in ten Independents (63%) think clean energy production will produce more good jobs, while liberal/moderate Republicans are about evenly split, and about seven in ten conservative Republicans (71%) think increasing fossil fuel production will create more good U.S. jobs.

## Most registered voters think the clean energy industry will create more good jobs than the fossil fuel industry



Generally speaking, which do you think will produce more good jobs in the U.S.? (a) Increasing production of clean energy such as wind and solar; (b) Increasing production of fossil fuels such as coal, oil, and natural gas.

December 2020.



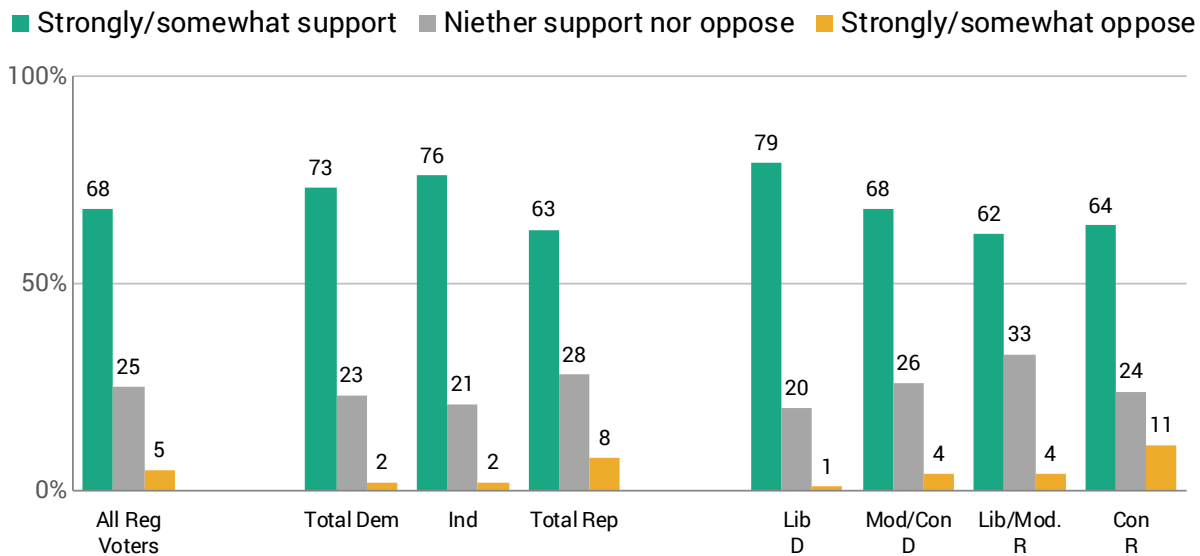
## 4. Support for Infrastructure Investments

### 4.1. Across political lines, registered voters support a major investment in the nation's infrastructure.

About seven in ten registered voters (68%) support a major government investment in the nation's infrastructure. Majorities of Democrats (73%), Independents (76%), and Republicans (63%) support infrastructure investment.

Only one in twenty registered voters (5%) oppose a major investment in infrastructure, while one in four (25%) are neutral.

### Across political lines, registered voters support a major investment in the nation's infrastructure



Congress is considering a major investment in the nation's infrastructure. How much do you support or oppose a major investment in the nation's infrastructure?

December 2020.





#### **4.2. Across political lines, registered voters' highest priorities for infrastructure improvements are roads/bridges and water systems, followed by the electricity grid.**

If Congress invests in the nation's infrastructure, nearly all registered voters, across political lines, prioritize using the money to repair and improve the nation's roads, bridges, and highways (93%) and to repair and improve public water supply systems (90%).

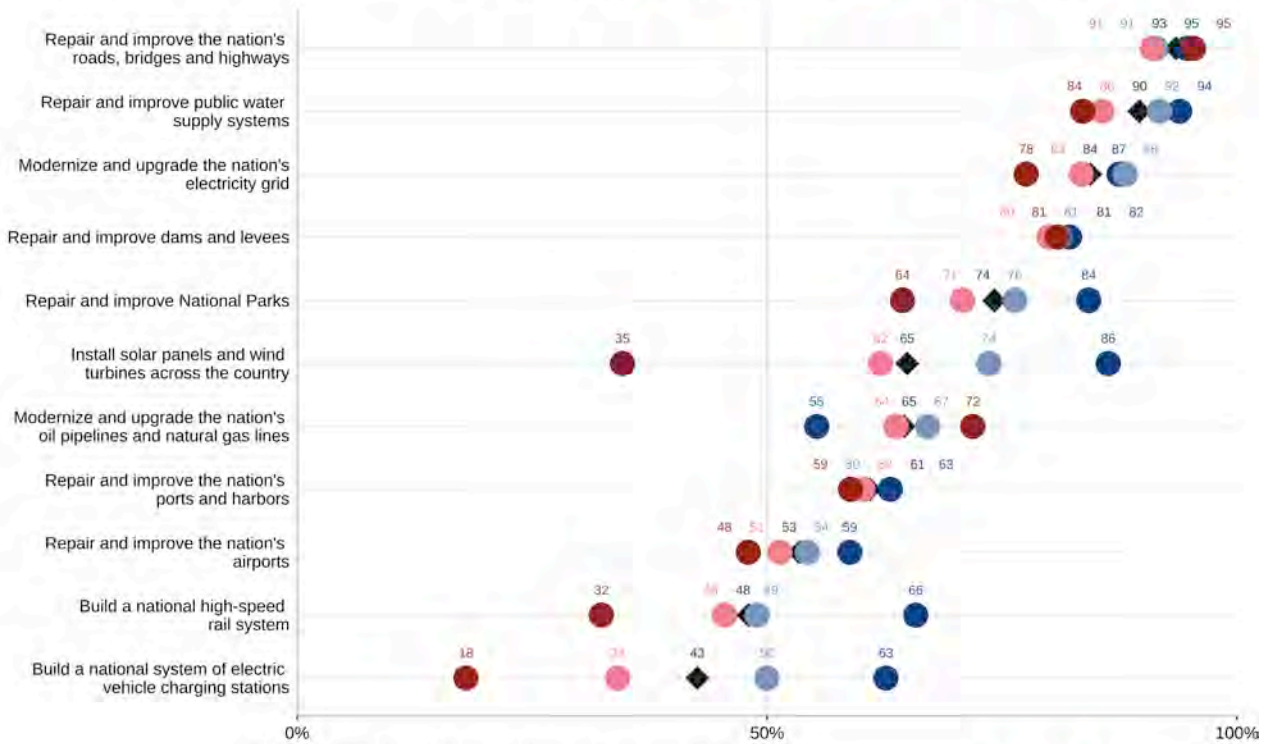
About eight in ten would allocate funds to modernize and upgrade the nation's electricity grid (84%) and repair and improve dams and levees (81%). About seven in ten would allocate funds to repair and improve National Parks (74%). About six in ten or more would allocate funds to install solar panels and wind turbines across the country (65%), modernize and upgrade the nation's oil pipelines and natural gas lines (65%), and to repair and improve the nation's ports and harbors (61%). About half would allocate funds to repair and improve the nation's airports (53%).

Liberal Democrats and conservative Republicans differ most in their preference for investments to install solar panels and wind turbines across the country (86% of liberal Democrats favor, versus 35% of conservative Republicans), build a national system of electric vehicle charging stations (63% of liberal Democrats favor, versus 18% of conservative Republicans), and build a national high-speed rail system (66% of liberal Democrats favor, versus 32% of conservative Republicans). Notably, about seven in ten conservative Republicans (72%) support investments to modernize and improve oil pipelines and gas lines, compared with only 55% of liberal Democrats.

## Across political lines, registered voters' highest priorities for infrastructure improvements are roads/bridges and water systems, followed by the electricity grid

- % "yes" -

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



If Congress were to invest in the nation's infrastructure, how would you like to see the money used? I would like to see the money used to...  
December 2020.



## 5. Who is Responsible for Action on Global Warming?

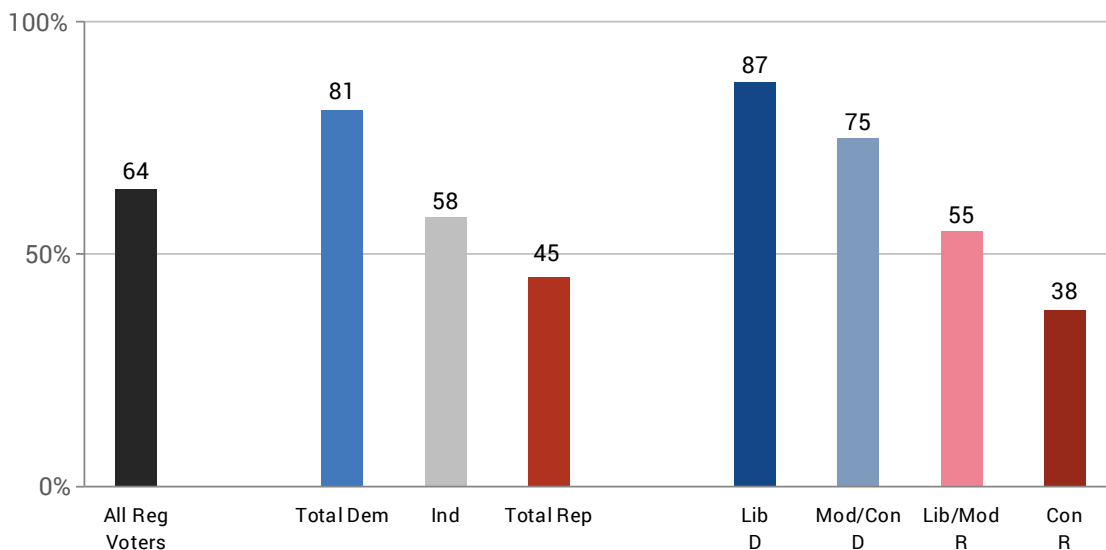
### 5.1. Most registered voters say the United States should reduce greenhouse gas emissions, regardless of what other countries do.

Most registered voters think the United States should reduce its greenhouse gas emissions, regardless of what other countries do (64%). Majorities of liberal Democrats (87%), moderate/conservative Democrats (75%), and liberal/moderate Republicans (55%) take this position, as do 38% of conservative Republicans.

Only 6% of registered voters (including only 2% of Democrats, but 9% of Independents and 11% of Republicans) say the United States should *not* reduce its emissions (see Data Tables).

### Most registered voters say the U.S. should reduce 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.

December 2020.

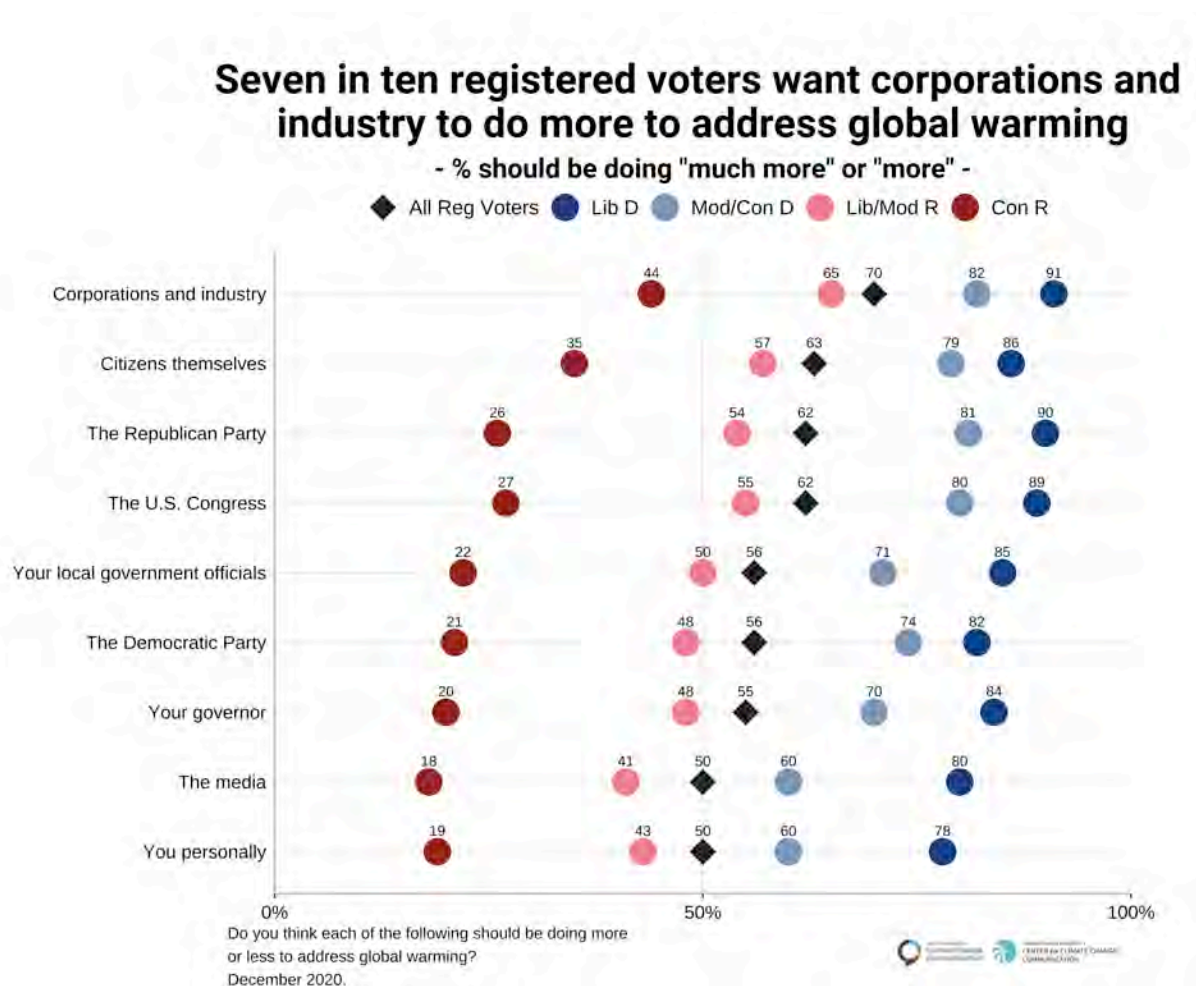


### 5.2. Seven in ten registered voters want corporations and industry to do more to address global warming. Most also want more action from citizens and government.

Across party lines, registered voters say corporations and industry should do more to address global warming (70% of all registered voters; including 91% of liberal Democrats, 82% of moderate/conservative Democrats, 65% of liberal/moderate Republicans, and 44% of conservative Republicans).

Half or more liberal Democrats, moderate/conservative Democrats, and liberal/moderate Republicans also think that citizens, the Republican Party, the U.S. Congress, and their local government officials should do more to address global warming. Majorities of liberal Democrats (78%) and conservative/moderate Democrats (60%) think they themselves should do more, while minorities of liberal/moderate Republicans (43%) and conservative Republicans (19%) think so.

About half of liberal/moderate Republicans (54%) think their party (the Republican Party) should do more to address global warming, while only one in four conservative Republicans (26%) think so. Large majorities of both liberal Democrats (82%) and moderate/conservative Democrats (74%) think their party (the Democratic Party) should do more.



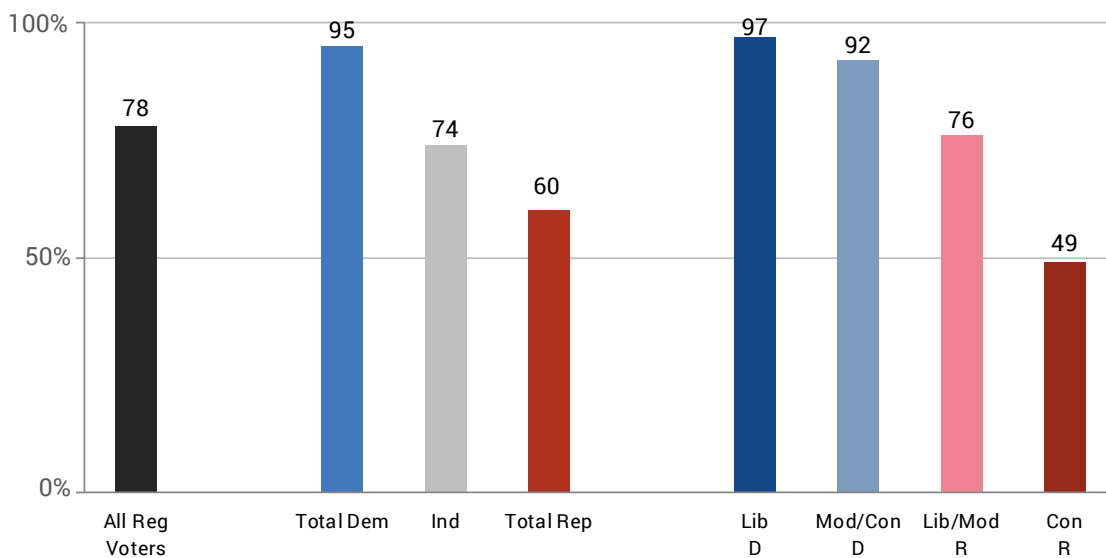
## 6. Educating Students About Global Warming

### 6.1. A large majority of 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 States<sup>5</sup> require that climate change be included in the curriculum.

A large majority of registered voters (78%) support schools teaching children the causes, consequences, and potential solutions to global warming. Support spans the political spectrum. Nearly all Democrats (95%), about three in four Independents (74%), and six in ten Republicans (60%) say they support teaching about global warming.

**A large majority of registered voters say schools should teach children about global warming**  
 - % “strongly” or “somewhat” agree -



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

December 2020.



<sup>5</sup>The Next Generation Science Standards were developed by a collaboration of scientists and educators at the National Research Council of the National Academy of Sciences; the American Academy for the Advancement of Science; the National Teacher’s Association; 26 states; and Achieve (a non-profit organization). Released in 2013, the standards represent the most current, research-based method of educating K-12 students in STEM and preparing them for STEM careers. See: [nextgenscience.org](http://nextgenscience.org)

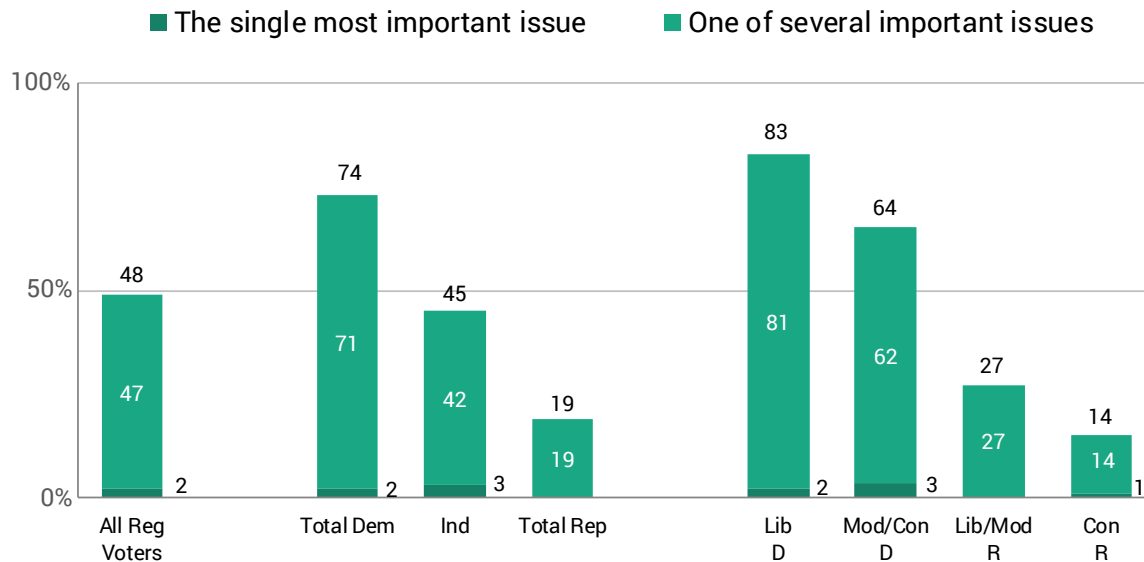


## 7. Global Warming as a Voting Issue in the 2020 Election

### 7.1. About half of registered voters say the issue of global warming was important in determining their vote in 2020.

About half of registered voters (48%) say the issue of global warming was an important factor in determining how they voted in 2020. Three in four Democrats (74%) say it was an important issue, as do 45% of Independents. Three in four Republicans (76%) say global warming was *not* an important issue in determining their vote (see Data Tables).

## About half of registered voters say the issue of global warming was important in determining their vote in 2020



How important was the issue of global warming when you decided how you would vote in the November election? (a) The most important single issue; (b) One of several important issues; (c) Not an important issue; (d) Don't know.

December 2020.





**(Base: Registered Voters in the United States)**

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

**Global warming**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Very High (%)	29	47	58	36	20	9	15	4
High (%)	24	32	28	37	30	14	23	8
Medium (%)	23	17	12	22	19	32	36	30
Low (%)	24	4	3	5	31	45	27	58

**(Base: Registered Voters in the United States)****Developing sources of clean energy**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Very High (%)	33	51	63	38	28	12	18	8
High (%)	33	36	30	43	36	31	40	24
Medium (%)	23	10	6	14	17	39	29	46
Low (%)	11	3	1	5	19	18	13	22

**(Base: Registered Voters in the United States)**

**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?**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	43	67	77	57	36	17	28	10
Somewhat support (%)	32	28	20	36	33	37	43	33
Somewhat oppose (%)	10	3	2	5	9	17	15	18
Strongly oppose (%)	14	1	0	2	21	28	14	38
Refused (%)	1	1	1	0	0	0	0	0

**(Base: Registered Voters in the United States)**

**How much do you support or oppose the next U.S. president hosting a meeting of the leaders of large industrialized nations to urge them to do more to reduce global warming?**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	47	73	80	65	39	20	29	14
Somewhat support (%)	31	22	15	29	39	40	46	36
Somewhat oppose (%)	10	4	3	5	8	19	14	22
Strongly oppose (%)	10	1	1	0	13	21	10	28
Refused (%)	1	1	1	0	0	1	1	0

**(Base: Registered Voters in the United States)**

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

**It is in America's national interest to increase diplomatic and trade pressure on China to reduce its carbon pollution**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly agree (%)	34	44	52	36	40	22	23	21
Somewhat agree (%)	45	44	38	51	40	47	49	45
Somewhat disagree (%)	14	10	9	11	14	19	18	20
Strongly disagree (%)	6	1	0	1	7	11	10	12
Refused (%)	1	1	1	0	0	1	0	2

**(Base: Registered Voters in the United States)**

**It is in America's national interest to cooperate with China to reduce global warming**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly agree (%)	30	44	55	33	28	12	15	11
Somewhat agree (%)	44	45	35	55	42	44	50	40
Somewhat disagree (%)	15	8	8	9	18	23	19	26
Strongly disagree (%)	10	2	1	3	12	19	15	22
Refused (%)	1	1	1	0	0	1	0	2

**(Base: Registered Voters in the United States)**

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

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	37	53	62	43	26	22	31	15
Somewhat support (%)	45	40	34	45	55	49	49	49
Somewhat oppose (%)	10	5	3	8	11	16	9	20
Strongly oppose (%)	7	2	0	4	9	13	11	14
Refused (%)	1	1	1	0	0	1	0	2

**(Base: Registered Voters in the United States)**

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	41	61	71	51	37	18	29	11
Somewhat support (%)	41	33	25	41	43	51	52	50
Somewhat oppose (%)	11	4	3	6	9	19	13	23
Strongly oppose (%)	7	1	1	2	10	12	7	16
Refused (%)	1	1	1	1	1	0	0	0

**(Base: Registered Voters in the United States)**

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	33	48	55	39	31	17	26	11
Somewhat support (%)	46	44	39	49	50	49	50	48
Somewhat oppose (%)	13	7	4	10	6	22	18	25
Strongly oppose (%)	6	2	1	2	14	10	6	14
Refused (%)	1	0	1	0	0	2	1	2

**(Base: Registered Voters in the United States)**

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

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	29	46	57	34	24	12	18	8
Somewhat support (%)	44	43	37	50	43	45	50	43
Somewhat oppose (%)	16	7	5	10	19	25	22	27
Strongly oppose (%)	10	2	0	5	15	17	11	21
Refused (%)	1	1	1	1	0	1	0	1

**(Base: Registered Voters in the United States)**

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	33	53	65	40	23	11	16	8
Somewhat support (%)	39	38	30	47	48	37	43	33
Somewhat oppose (%)	15	6	2	11	13	26	26	25
Strongly oppose (%)	13	1	1	2	16	26	15	33
Refused (%)	1	1	2	0	0	0	0	1

**(Base: Registered Voters in the United States)**

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	26	42	49	35	26	7	11	4
Somewhat support (%)	41	45	43	48	36	37	44	32
Somewhat oppose (%)	19	10	7	14	17	30	30	31
Strongly oppose (%)	13	2	1	4	21	25	13	32
Refused (%)	1	1	1	0	0	1	1	1

**(Base: Registered Voters in the United States)**

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

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	25	38	46	30	26	9	16	5
Somewhat support (%)	41	51	48	53	44	29	39	23
Somewhat oppose (%)	18	9	5	14	11	30	30	30
Strongly oppose (%)	15	2	1	3	19	30	15	41
Refused (%)	1	1	1	0	0	1	0	1

**(Base: Registered Voters in the United States)**

**Eliminate all carbon pollution created by coal, oil, and natural gas from the U.S. economy by 2050**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	29	46	58	34	22	9	13	6
Somewhat support (%)	37	43	35	51	43	29	39	23
Somewhat oppose (%)	19	8	4	13	13	34	33	34
Strongly oppose (%)	14	2	2	2	22	28	16	36
Refused (%)	1	1	1	0	0	1	0	1



**(Base: Registered Voters in the United States)**

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

**Provide tax incentives or rebates to homeowners, landlords, and businesses to make existing buildings more energy efficient**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	41	59	66	51	35	22	32	16
Somewhat support (%)	46	36	30	42	53	57	53	60
Somewhat oppose (%)	8	4	2	6	8	13	10	15
Strongly oppose (%)	4	1	0	2	4	7	6	8
Refused (%)	1	0	1	0	0	0	0	1

**(Base: Registered Voters in the United States)**

**Set stronger energy efficiency standards for new buildings**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	38	57	64	49	25	19	28	13
Somewhat support (%)	48	39	33	45	59	55	54	56
Somewhat oppose (%)	9	3	1	5	8	15	12	17
Strongly oppose (%)	5	1	0	2	9	10	6	13
Refused (%)	1	0	1	0	0	0	0	1

**(Base: Registered Voters in the United States)**

**Set stronger energy efficiency standards for appliances**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	34	51	58	43	21	16	25	10
Somewhat support (%)	50	44	39	49	61	54	56	53
Somewhat oppose (%)	10	4	2	7	8	18	12	22
Strongly oppose (%)	6	1	0	1	10	11	6	14
Refused (%)	1	1	1	0	0	1	0	1

**(Base: Registered Voters in the United States)**

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

**Provide tax incentives or rebates to homeowners, landlords, and businesses to purchase appliances that can be powered without burning fossil fuels (such as electric water heaters, electric heat pumps, and electric induction cooktops)**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	34	50	61	39	23	18	26	13
Somewhat support (%)	45	41	34	47	54	49	53	45
Somewhat oppose (%)	13	7	3	10	13	20	15	23
Strongly oppose (%)	7	2	1	3	10	13	6	18
Refused (%)	1	1	1	0	0	0	0	0

**(Base: Registered Voters in the United States)**

**Provide federal funding to put solar panels on the roofs of public schools**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	37	56	66	46	24	17	27	10
Somewhat support (%)	41	37	30	44	53	44	46	43
Somewhat oppose (%)	13	4	2	7	11	24	17	29
Strongly oppose (%)	8	2	1	3	11	15	9	19
Refused (%)	0	1	1	0	0	0	0	0

**(Base: Registered Voters in the United States)**

**Set stronger fuel efficiency standards for cars, trucks, and SUVs**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	33	51	61	41	28	13	21	8
Somewhat support (%)	45	40	32	49	48	49	56	44
Somewhat oppose (%)	14	6	5	7	13	23	13	29
Strongly oppose (%)	8	2	0	4	9	14	11	17
Refused (%)	1	1	1	0	2	1	0	1

**(Base: Registered Voters in the United States)**

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

**Install 500,000 electric vehicle charging stations across the U.S. by 2030**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	23	37	44	30	16	9	14	6
Somewhat support (%)	43	47	45	50	50	36	44	31
Somewhat oppose (%)	21	12	9	16	15	33	29	36
Strongly oppose (%)	12	3	1	5	18	21	13	27
Refused (%)	0	0	1	0	0	0	0	0

**(Base: Registered Voters in the United States)**

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	12	20	25	14	12	4	5	3
Somewhat support (%)	32	44	50	36	31	19	29	12
Somewhat oppose (%)	28	29	20	39	21	29	33	27
Strongly oppose (%)	27	7	4	11	37	48	34	57
Refused (%)	1	0	1	0	0	1	0	1

**(Base: Registered Voters in the United States)**

**Do you think federal subsidies for the fossil fuel industry (coal, oil, and natural gas) should be increased, decreased, or remain about the same as they currently are?**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Increased a lot (%)	4	3	3	3	3	4	3	5
Increased a little (%)	7	7	4	10	1	10	11	10
Remain about the same (%)	39	27	19	36	40	54	49	57
Decreased a little (%)	19	17	16	18	20	20	23	19
Decreased a lot (%)	30	46	58	33	36	10	14	8
Refused (%)	1	0	0	0	0	1	1	1

**(Base: Registered Voters in the United States)**

**Do you think federal subsidies for the renewable energy industry (such as solar, wind, and geothermal) should be increased, decreased, or remain about the same as they currently are?**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Increased a lot (%)	24	38	51	24	22	8	12	5
Increased a little (%)	31	35	28	42	25	28	36	23
Remain about the same (%)	32	24	17	30	35	41	35	45
Decreased a little (%)	7	3	2	3	5	12	11	12
Decreased a lot (%)	6	1	1	0	12	11	6	15
Refused (%)	1	1	1	0	0	1	1	1

(Base: Registered Voters in the United States)

How much do you support or oppose the following policies?

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	39	55	65	44	29	24	34	17
Somewhat support (%)	47	39	32	47	57	53	49	56
Somewhat oppose (%)	8	4	1	7	6	15	10	18
Strongly oppose (%)	4	1	1	2	7	7	7	8
Refused (%)	1	1	1	0	1	1	0	1

(Base: Registered Voters in the United States)

**Re-establish the Civilian Conservation Corps, which would employ workers to protect natural ecosystems, plant trees in rural and urban areas, and restore the soil on farmlands**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	37	52	67	36	33	21	28	17
Somewhat support (%)	48	41	30	53	56	53	53	54
Somewhat oppose (%)	9	5	1	8	5	16	12	19
Strongly oppose (%)	4	1	0	2	5	8	8	9
Refused (%)	1	1	1	0	2	1	0	1

(Base: Registered Voters in the United States)

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	38	58	71	44	29	18	28	12
Somewhat support (%)	45	37	26	48	50	52	50	53
Somewhat oppose (%)	10	3	1	6	14	18	15	20
Strongly oppose (%)	6	1	0	2	5	12	7	15
Refused (%)	1	1	2	1	1	1	0	1

(Base: Registered Voters in the United States)

How much do you support or oppose the following policies?

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	40	59	72	45	29	20	29	13
Somewhat support (%)	43	35	25	46	51	50	46	53
Somewhat oppose (%)	10	4	1	7	12	18	17	19
Strongly oppose (%)	6	1	0	2	7	11	7	14
Refused (%)	1	1	1	1	1	1	0	1

(Base: Registered Voters in the United States)

**Set aside 30% of America's lands and waters for conservation by 2030**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	33	47	54	39	32	17	22	13
Somewhat support (%)	44	44	40	47	45	43	45	43
Somewhat oppose (%)	15	7	4	10	17	24	22	26
Strongly oppose (%)	8	2	1	3	7	15	11	18
Refused (%)	1	1	1	0	0	1	0	1

(Base: Registered Voters in the United States)

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	32	51	66	35	20	11	22	5
Somewhat support (%)	36	37	26	49	44	33	35	31
Somewhat oppose (%)	19	8	5	12	18	33	27	37
Strongly oppose (%)	12	2	0	4	16	22	16	27
Refused (%)	1	2	2	1	1	1	0	1



**(Base: Registered Voters in the United States)**

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

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	10	7	7	7	5	17	15	18
Somewhat support (%)	37	27	23	31	34	50	44	54
Somewhat oppose (%)	28	30	25	36	36	22	27	19
Strongly oppose (%)	24	36	45	25	24	9	14	6
Refused (%)	1	1	1	0	0	2	1	3

**(Base: Registered Voters in the United States)**

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	10	5	4	6	7	18	11	22
Somewhat support (%)	30	20	16	23	33	43	42	43
Somewhat oppose (%)	28	28	23	33	23	29	33	25
Strongly oppose (%)	31	47	56	38	36	9	12	8
Refused (%)	1	0	1	0	0	2	1	2

**(Base: Registered Voters in the United States)**

**Drill for oil in the Arctic National Wildlife Refuge**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	7	3	3	3	3	13	10	15
Somewhat support (%)	21	12	9	14	23	33	26	38
Somewhat oppose (%)	27	22	15	31	23	31	33	30
Strongly oppose (%)	44	62	71	53	50	22	32	15
Refused (%)	1	1	2	0	0	1	0	2

(Base: Registered Voters in the United States)

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	23	39	51	27	16	5	6	4
Somewhat support (%)	33	42	33	53	38	23	40	11
Somewhat oppose (%)	18	15	13	17	17	22	24	21
Strongly oppose (%)	25	2	1	4	29	51	31	64
Refused (%)	1	2	2	0	0	0	0	0

**(Base: Registered Voters in the United States)**

**How much, if anything, have you heard about a policy being proposed by some members of Congress called the “Green New Deal”?**

**Have you heard...**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
A lot (%)	18	14	23	5	31	20	8	27
A little (%)	44	47	48	46	35	45	39	49
Nothing at all (%)	38	39	29	49	33	35	52	23
Refused (%)	0	0	1	0	0	1	0	1

(Base: Registered Voters in the United States)

Some members of Congress are proposing a “Green New Deal” for the U.S. They say that a Green New Deal will produce jobs and strengthen America’s economy by accelerating the transition from fossil fuels to clean, renewable energy. The “Deal” would generate 100% of the nation’s electricity from clean, renewable sources within the next 10 years, upgrade the nation’s energy grid, buildings and transportation infrastructure, increase energy efficiency, invest in “green” technology research and development, and provide training for jobs in the new “green” economy.

How much do you support or oppose this idea?

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	28	43	56	30	25	10	17	5
Somewhat support (%)	38	45	35	57	40	29	43	19
Somewhat oppose (%)	13	9	8	10	6	19	16	21
Strongly oppose (%)	20	1	0	2	27	42	24	55
Refused (%)	1	2	1	1	3	0	0	0

**(Base: Registered Voters in the United States)**

Please indicate which one of these statements comes closest to your own views – even if it is not exactly right:

**Overall, government policies intended to transition away from fossil fuels (coal, oil, natural gas) and toward clean energy (solar, wind) will...**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Improve economic growth and provide new jobs (%)	56	81	89	73	54	25	35	18
Have no impact on economic growth or jobs (%)	14	12	9	14	15	17	23	12
Reduce economic growth and cost jobs (%)	29	6	2	11	31	58	42	69
Refused (%)	0	0	0	1	0	0	0	0

**(Base: Registered Voters in the United States)**

**Generally speaking, which do you think will produce more good jobs in the U.S.?**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Increasing production of clean energy such as wind and solar (%)	61	81	89	74	63	37	52	27
Increasing production of fossil fuels such as coal, oil, and natural gas (%)	38	18	11	26	35	62	48	71
Refused (%)	1	1	0	0	2	1	0	2

**(Base: Registered Voters in the United States)**

**Congress is considering a major investment in the nation's infrastructure. How much do you support or oppose a major investment in the nation's infrastructure?**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly support (%)	40	50	59	41	39	29	25	31
Somewhat support (%)	29	23	20	27	36	34	37	33
Neither support nor oppose (%)	25	23	20	26	21	28	33	24
Somewhat oppose (%)	3	2	1	3	0	5	3	7
Strongly oppose (%)	2	0	0	1	2	3	1	4
Refused (%)	1	2	0	2	1	1	1	1



**(Base: Registered Voters in the United States)**

**If Congress were to invest in the nation's infrastructure, how would you like to see the money used?**

**Repair and improve the nation's roads, bridges and highways**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Yes (%)	93	93	95	91	94	94	91	95
No (%)	5	6	4	7	6	5	7	4
Refused (%)	1	1	1	1	0	1	2	0

**(Base: Registered Voters in the United States)**

**Repair and improve public water supply systems**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Yes (%)	90	93	94	92	94	84	86	84
No (%)	9	6	4	7	6	13	11	14
Refused (%)	2	2	2	1	0	2	3	2

**(Base: Registered Voters in the United States)**

**Modernize and upgrade the nation's electricity grid**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Yes (%)	84	88	87	88	86	80	83	78
No (%)	14	11	11	10	12	18	14	20
Refused (%)	2	2	1	2	2	3	3	2

**(Base: Registered Voters in the United States)**

**If Congress were to invest in the nation's infrastructure, how would you like to see the money used?**

**Repair and improve dams and levees**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Yes (%)	81	82	82	81	83	81	80	81
No (%)	17	17	16	17	14	18	17	19
Refused (%)	2	2	2	2	3	1	3	0

**(Base: Registered Voters in the United States)**

**Repair and improve National Parks**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Yes (%)	74	81	84	76	71	67	71	64
No (%)	24	17	14	21	26	31	26	34
Refused (%)	2	2	2	2	3	2	3	2

**(Base: Registered Voters in the United States)**

**Install solar panels and wind turbines across the country**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Yes (%)	65	80	86	74	64	46	62	35
No (%)	33	18	12	24	35	52	35	63
Refused (%)	2	2	1	2	2	3	3	3

**(Base: Registered Voters in the United States)**

**If Congress were to invest in the nation's infrastructure, how would you like to see the money used?**

**Modernize and upgrade the nation's oil pipelines and natural gas lines**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Yes (%)	65	61	55	67	63	69	64	72
No (%)	33	36	43	30	33	30	34	27
Refused (%)	2	3	2	3	4	1	3	1

**(Base: Registered Voters in the United States)**

**Repair and improve the nation's ports and harbors**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Yes (%)	61	62	63	60	63	59	60	59
No (%)	36	35	36	34	34	37	35	39
Refused (%)	3	3	1	6	4	3	5	2

**(Base: Registered Voters in the United States)**

**Repair and improve the nation's airports**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Yes (%)	53	57	59	54	52	49	51	48
No (%)	44	41	39	43	45	48	46	50
Refused (%)	2	2	2	3	3	2	3	2

**(Base: Registered Voters in the United States)**

**If Congress were to invest in the nation's infrastructure, how would you like to see the money used?**

**Build a national high-speed rail system**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Yes (%)	48	58	66	49	44	38	45	32
No (%)	50	40	33	49	52	60	52	66
Refused (%)	2	2	2	2	4	2	3	1

**(Base: Registered Voters in the United States)**

**Build a national system of electric vehicle charging stations**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Yes (%)	43	57	63	50	45	24	34	18
No (%)	55	41	36	48	52	73	63	80
Refused (%)	2	2	1	2	3	2	3	2

**(Base: Registered Voters in the United States)**

**People disagree whether the United States should reduce greenhouse gas emissions on its own, or make reductions only if other countries do so. Which of the following statements comes closest to your own point of view?**

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Regardless of what other countries do (%)	64	81	87	75	58	45	55	38
Only if other industrialized countries (such as England, Germany and Japan) reduce their emissions (%)	2	2	1	3	3	3	3	3
Only if other industrialized countries and developing countries (such as China, India and Brazil) reduce their emissions (%)	12	3	2	4	20	21	15	25
The US should not reduce its emissions (%)	6	2	3	1	9	11	3	17
Don't know (%)	16	12	7	17	11	20	24	17

**(Base: Registered Voters in the United States)****Do you think each of the following should be doing more or less to address global warming?****Corporations and industry**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Much more (%)	37	55	64	45	36	16	22	12
More (%)	33	31	27	36	30	37	42	33
Currently doing the right amount (%)	18	8	4	12	15	30	26	33
Less (%)	6	3	3	3	6	9	5	11
Much less (%)	6	2	2	3	12	8	4	11
Refused (%)	0	0	0	0	0	0	0	0

**(Base: Registered Voters in the United States)****Citizens themselves**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Much more (%)	21	33	35	29	18	8	12	5
More (%)	41	50	51	50	33	36	45	29
Currently doing the right amount (%)	26	12	11	13	30	39	33	43
Less (%)	6	4	3	6	9	8	5	9
Much less (%)	6	1	0	2	11	10	5	13
Refused (%)	0	0	0	0	0	0	0	0

**(Base: Registered Voters in the United States)****The Republican Party**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Much more (%)	36	59	68	48	31	11	17	7
More (%)	27	27	22	33	25	26	38	19
Currently doing the right amount (%)	24	8	4	12	23	43	33	49
Less (%)	6	3	3	3	5	9	7	11
Much less (%)	7	3	3	4	16	11	5	14
Refused (%)	0	0	0	0	0	0	0	0

**(Base: Registered Voters in the United States)**

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

**The U.S. Congress**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Much more (%)	30	50	58	41	22	10	15	6
More (%)	32	35	32	40	33	29	41	21
Currently doing the right amount (%)	20	10	6	14	20	31	30	32
Less (%)	9	4	4	4	10	16	8	21
Much less (%)	8	1	1	1	15	15	7	20
Refused (%)	0	0	0	0	0	0	0	0

**(Base: Registered Voters in the United States)****Your local government officials**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Much more (%)	20	32	38	25	17	8	11	5
More (%)	36	47	48	46	29	26	39	16
Currently doing the right amount (%)	28	15	9	21	33	40	37	42
Less (%)	9	5	3	7	7	14	8	18
Much less (%)	7	1	2	1	15	13	6	18
Refused (%)	0	0	0	0	0	0	0	0

**(Base: Registered Voters in the United States)****The Democratic Party**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Much more (%)	18	28	33	21	20	8	13	5
More (%)	37	51	49	53	26	24	35	16
Currently doing the right amount (%)	21	17	14	22	22	24	28	21
Less (%)	9	3	2	3	10	17	7	24
Much less (%)	14	1	1	2	22	27	16	35
Refused (%)	0	0	0	0	0	0	0	0



**(Base: Registered Voters in the United States)**

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

**Your governor**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Much more (%)	20	33	35	29	19	6	9	4
More (%)	35	45	49	42	25	26	39	16
Currently doing the right amount (%)	28	16	12	22	28	40	38	42
Less (%)	9	4	3	6	10	13	9	17
Much less (%)	8	2	2	1	18	15	5	21
Refused (%)	0	0	0	0	0	0	0	0

**(Base: Registered Voters in the United States)****The media**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Much more (%)	17	26	32	18	20	7	11	5
More (%)	33	45	48	43	27	20	30	13
Currently doing the right amount (%)	23	22	15	31	17	24	29	20
Less (%)	11	5	3	8	13	19	15	23
Much less (%)	15	1	2	1	23	30	16	39
Refused (%)	0	0	0	0	0	0	0	0

**(Base: Registered Voters in the United States)****You personally**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Much more (%)	12	20	23	16	4	3	2	4
More (%)	38	50	56	44	34	26	41	15
Currently doing the right amount (%)	40	25	17	33	49	55	46	61
Less (%)	4	3	4	3	5	5	4	5
Much less (%)	6	2	0	4	9	11	6	14
Refused (%)	0	0	0	0	0	1	0	1

**(Base: Registered Voters in the United States)**

**How much do you agree or disagree with the following statement?**

**Schools should teach our children about the causes, consequences, and potential solutions to global warming**

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/ Conservative Democrats	Independent/ Other	Total Republicans	Liberal/ Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
Strongly agree (%)	42	65	74	54	36	17	26	11
Somewhat agree (%)	37	30	23	38	38	43	50	39
Somewhat disagree (%)	9	4	2	6	9	17	13	19
Strongly disagree (%)	12	2	1	2	17	23	11	31

**(Base: Registered Voters in the United States)**

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

	All Registered Voters	Total Democrats	Liberal Democrats	Moderate/Conservative Democrats	Independent/Other	Total Republicans	Liberal/Moderate Republicans	Conservative Republicans
Unweighted Base	949	429	229	198	97	386	150	235
The single most important issue (%)	2	2	2	3	3	0	0	1
One of several important issues (%)	44	69	79	58	37	18	25	13
Not an important issue (%)	43	21	13	29	42	73	60	82
Didn't vote (%)	6	4	2	5	12	4	7	2
Don't know (%)	5	5	4	5	5	5	8	3
Refused (%)	0	0	0	0	2	0	0	0

## Appendix II: Survey Method

The data in this report are based on a nationally representative survey of 1,036 American adults, aged 18 and older, 949 of whom are registered to vote. The survey was conducted December 3 – 16, 2020. All questionnaires were self-administered by respondents in a web-based environment. The survey took, on average, about 24 minutes to complete.

The sample was drawn from the Ipsos (formerly GfK) 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.

From November 2008 to December 2018, no KnowledgePanel® member participated in more than one *Climate Change in the American Mind* (CCAM) survey. Beginning with the April 2019 survey, panel members who have participated in CCAM surveys in the past, excluding the most recent two surveys, may be randomly selected for participation. In the current survey, 265 respondents, 238 of whom are registered voters included in this report, participated in a previous CCAM survey.

The survey instrument was designed by Anthony Leiserowitz, Seth Rosenthal, Jennifer Carman, Matthew Goldberg, Karine Lacroix, and Jennifer Marlon of Yale University, and Edward Maibach and John Kotcher 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:

- All Registered Voters ( $N = 949$ ): Plus or minus 3 percentage points.
- Democrats (total;  $n = 429$ ): Plus or minus 5 points.
- Liberal Democrats ( $n = 229$ ): Plus or minus 7 points.
- Moderate/conservative Democrats ( $n = 198$ ): Plus or minus 7 points.
- Independents ( $n = 97$ ): Plus or minus 10 points.
- Republicans (total;  $n = 386$ ): Plus or minus 5 points.
- Liberal/moderate Republicans ( $n = 150$ ): Plus or minus 8 points.
- Conservative Republicans ( $n = 235$ ): Plus or minus 6 points.

## Appendix III: Sample Demographics

### Registered Voters

	<i>N</i> (unweighted)	% (weighted)
Total	949	100
Male	451	48
Female	498	52
iGen (1997 - )	34	6
Millennials (1981 - 1996)	196	27
Generation X (1965 - 1980)	217	25
Baby Boomers (1946 - 1964)	399	34
Silent (1928 - 1945)	103	8
Less than high school	36	8
High school	248	27
Some college	258	32
Bachelor's degree or higher	407	33
<\$25K	86	11
\$25K-<\$50K	147	17
\$50K-<\$75K	170	17
\$75K-<\$100K	128	14
\$100K-<\$125K	108	11
\$125K+	310	29
White, Non-Hispanic	690	66
Black, Non-Hispanic	90	12
Hispanic	100	15
2+ Races, Non-Hispanic	30	2
Other, Non-Hispanic	39	5
Northeast	162	18
Midwest	218	21
South	346	37
West	223	24

**Full Sample**

	<i>N</i> (unweighted)	% (weighted)
Total	1,036	100
Male	498	48
Female	538	52
iGen (1997 - )	41	7
Millennials (1981 - 1996)	234	29
Generation X (1965 - 1980)	239	25
Baby Boomers (1946 - 1964)	418	31
Silent (1928 - 1945)	104	7
Less than high school	53	11
High school	280	27
Some college	269	30
Bachelor's degree or higher	434	31
<\$25K	101	12
\$25K-<\$50K	165	18
\$50K-<\$75K	185	17
\$75K-<\$100K	138	14
\$100K-<\$125K	116	11
\$125K+	331	28
White, Non-Hispanic	732	63
Black, Non-Hispanic	101	12
Hispanic	117	16
2+ Races, Non-Hispanic	32	2
Other, Non-Hispanic	54	7
Northeast	174	17
Midwest	238	21
South	381	38
West	243	24





