

Which Republicans are worried about global warming?
Climate Note Data Tables

Table 1a: Percentages of Global Warming's Six Americas among Republicans

Group	Alarmed	Concerned	Cautious	Disengaged	Doubtful	Dismissive
Republicans	8	19	24	5	23	21

Data include six waves of survey data spanning December 2020 to April 2023. Base: 2,382 U.S. Republicans.

Table 1b: Percentages of Global Warming's Six Americas among Democrats

Group	Alarmed	Concerned	Cautious	Disengaged	Doubtful	Dismissive
Democrats	46	35	11	4	3	1

Data include six waves of survey data spanning December 2020 to April 2023. Base: 2,645 U.S. Democrats.

Table 2: Percentages of Republicans who are Alarmed or Concerned about global warming and all other Republicans that report the following demographics

Demographic Group	Alarmed/Concerned Republicans	All other Republicans
Gen Z/Millennial	35	29
Gen X	28	27
Baby Boomer/Silent	37	43
Male	43	55
Female	57	45
Urban	14	13
Suburban	57	52
Rural	29	34

Data include six waves of survey data spanning December 2020 to April 2023. Base: 2,382 U.S. Republicans (Alarmed/Concerned Republicans $n = 617$; All other Republicans $n = 1,765$).

Table 3: Percentages of Republicans who are Alarmed or Concerned about global warming and all other Republicans that report the following political views and demographics

Demographic Group	Alarmed/Concerned Republicans	All other Republicans
Very conservative	10	28
Somewhat conservative	30	44
Moderate, middle of the road	53	26
Somewhat liberal	4	2
Very liberal	2	0
White (non-Hispanic/Latino)	73	84
Black (non-Hispanic/Latino)	3	2
Hispanic/Latino	13	10
Another race/ethnicity including Asian American, Native American, and 2+ races	11	4
Less than \$50,000	24	23
\$50,000 - \$99,999	32	32
\$100,000 or more	44	45
High school or less	39	38
Some college	27	32
Bachelor's degree or higher	33	30

Data include six waves of survey data spanning December 2020 to April 2023. Base: 2,382 U.S. Republicans (Alarmed/Concerned Republicans $n = 617$; All other Republicans $n = 1,765$).

Table 4: Percentages of the U.S. population and Republicans who are Alarmed or Concerned about global warming that report the following global warming beliefs and risk perceptions

Item	All Americans	Alarmed/Concerned Republicans
Global warming is happening	73	90
Global warming is caused mostly by human activities	58	70
Most scientists think global warming is happening	57	69
Global warming is affecting the weather 'a lot'	34	38
Global warming will harm future generations of people	71	98
Global warming will harm plant and animal species	72	97
Global warming will harm people in developing countries	68	92
Global warming will harm people in the U.S.	64	91
Global warming will harm me personally	46	65
Global warming is harming people in the U.S. now	49	57
I have personally experienced the effects of global warming	45	53

Data include six waves of survey data spanning December 2020 to April 2023. Base: All U.S. respondents $n = 6,193$; Alarmed/Concerned Republicans $n = 617$. Refer to the Appendix for the survey questions and responses presented in this table.

Table 5: Percentages of the U.S. population and Republicans who are Alarmed or Concerned about global warming that support various climate policies and government actions

Item	All Americans	Alarmed/Concerned Republicans
Fund more research into renewable energy sources, such as solar and wind power	80	91
Provide tax rebates for people who purchase energy-efficient vehicles or solar panels	78	87
Regulate carbon dioxide (the primary greenhouse gas) as a pollutant	73	86
Transition the U.S. economy (including electric utilities, transportation, buildings, and industry) from fossil fuels to 100% clean energy by 2050	69	78
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	67	74
Developing sources of clean energy should be a 'high' or 'very high' priority for the president and Congress	65	77
Global warming should be a 'high' or 'very high' priority for the president and Congress	54	65

Data include six waves of survey data spanning December 2020 to April 2023. Base: All U.S. respondents $n = 6,193$; Alarmed/Concerned Republicans $n = 617$. Refer to the Appendix for the survey questions and responses presented in this table.

Table 6: Percentages of the U.S. population and Republicans who are Alarmed or Concerned about global warming that report the following communication behaviors

Item	All Americans	Alarmed/Concerned Republicans
Hear about global warming in the media 'at least once a month' or more often	53	51
Discuss global warming with family and friends 'often' or 'occasionally'	36	39
Hear other people (family, friends, co-workers, etc.) talk about global warming 'at least once a month' or more often	23	20

Data include six waves of survey data spanning December 2020 to April 2023. Base: All U.S. respondents $n = 6,193$; Alarmed/Concerned Republicans $n = 617$. Refer to the Appendix for the survey questions and responses presented in this table.

Appendix – Survey Questions

Percentages in the tables/figures refer to the respondents who selected the **bolded response options**.

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?

Yes

No

Don't know

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

Caused mostly by human activities

Caused mostly by natural changes in the environment

Other (Please specify)*

None of the above because global warming isn’t happening

*Respondents who mentioned that global warming is caused by human activities were recoded into “Caused mostly by human activities”

Which comes closest to your own view?

Most scientists think global warming is happening

There is a lot of disagreement among scientists about whether or not global warming is happening

Most scientists think global warming is not happening

Don’t know enough to say

Which statement below best reflects your view?

Global warming is affecting weather in the United States

Global warming is not affecting weather in the United States

Global warming isn't happening

Don't know

Prefer not to answer

[If "Which statement below best reflects your view?" = "Global warming is affecting weather in the United States"]

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

A lot

Some

A little

Don't know

Prefer not to answer

How much do you think global warming will harm:

You personally

People in the United States

People in developing countries

Future generations of people

Plant and animal species

Not at all

Only a little

A moderate amount

A great deal

Don't know

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

They are being harmed right now

In 10 years

In 25 years

In 50 years

In 100 years

Never

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

I have personally experienced the effects of global warming

Strongly disagree
Somewhat disagree
Somewhat agree
Strongly agree

How much do you support or oppose the following policies?

Regulate carbon dioxide (the primary greenhouse gas) as a pollutant
Fund more research into renewable energy sources, such as solar and wind power
Provide tax rebates for people who purchase energy-efficient vehicles or solar panels
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
Transition the U.S. economy (including electric utilities, transportation, buildings, and industry) from fossil fuels to 100% clean energy by 2050

Strongly oppose
Somewhat oppose
Somewhat support
Strongly support

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

Global warming
Developing sources of clean energy

Low
Medium
High
Very high

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

- Never
 - Once a year or less often
 - Several times a year
 - At least once a month**
 - At least once a week**
 - Not sure
-

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

- Never
 - Rarely
 - Occasionally**
 - Often**
-

About how often do you hear other people you know (your family, friends, co-workers, etc.) talk about global warming?

- Never
- Once a year or less often
- Several times a year
- At least once a month**
- At least once a week**
- Not sure