

**2021 PEW RESEARCH CENTER'S AMERICAN TRENDS PANEL  
WAVE 89 APRIL SURVEY  
APRIL 20 – 29, 2021<sup>1</sup>**

**ASK ALL:**

ECON1

Thinking about the nation's economy...

How would you rate economic conditions in this country today?

- 1      Excellent
- 2      Good
- 3      Only fair
- 4      Poor

Thinking about the nation's economy...

How would you rate economic conditions in this country today?

☐ Excellent

☐ Good

☐ Only fair

☐ Poor

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**ASK ALL:**

ECON1B

A year from now, do you expect that economic conditions in the country as a whole will be...

- 1      Better
- 2      Worse
- 3      About the same as now

A year from now, do you expect that economic conditions in the country as a whole will be...

☐ Better

☐ Worse

☐ About the same as now

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<sup>1</sup> Open-end responses are excluded from public datasets to protect the confidentiality of ATP panelists

**ASK ALL:**

**SOCACTIV** Thinking about issues and activities that some people care deeply about and others do not...

Compared with other issues, would you say each of these is... **[RANDOMIZE ORDER OF SCREENS 1 AND 2; RANDOMIZE ITEMS ON EACH SCREEN]**

**SCREEN 1:**

- a. Helping elect candidates for public office
- b. Addressing global climate change
- c. Improving K-12 education
- d. Working for racial justice
- e. Protecting gun rights

**SCREEN 2:**

- f. Supporting U.S. military veterans
- g. Helping those in poverty
- h. Advocating against genetically modified foods
- i. Working for gender equality
- j. Limiting the role of government in daily life

**RESPONSE OPTIONS**

- 1 A top concern to me personally
- 2 One of several important concerns to me
- 3 Not an important concern to me

Thinking about issues and activities that some people care deeply about and others do not...

Compared with other issues, would you say each of these is...

Addressing global climate change

- ☐ A top concern to me personally
- ☐ One of several important concerns to me
- ☐ Not an important concern to me

Helping elect candidates for public office

- ☐ A top concern to me personally
- ☐ One of several important concerns to me
- ☐ Not an important concern to me

**Working for racial justice**

- ☐ A top concern to me personally
- ☒ One of several important concerns to me
- ☐ Not an important concern to me

**Improving K-12 education**

- ☐ A top concern to me personally
- ☐ One of several important concerns to me
- ☐ Not an important concern to me

**Protecting gun rights**

- ☐ A top concern to me personally
- ☐ One of several important concerns to me
- ☐ Not an important concern to me

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Thinking about issues and activities that some people care deeply about and others do not...

Compared with other issues, would you say each of these is...

**Advocating against genetically modified foods**

- ☐ A top concern to me personally
- ☐ One of several important concerns to me
- ☐ Not an important concern to me

**Helping those in poverty**

- ☐ A top concern to me personally
- ☐ One of several important concerns to me
- ☐ Not an important concern to me

## Limiting the role of government in daily life

- ☒ A top concern to me personally
- ☐ One of several important concerns to me
- ☐ Not an important concern to me

## Working for gender equality

- ☐ A top concern to me personally
- ☐ One of several important concerns to me
- ☐ Not an important concern to me

## Supporting U.S. military veterans

- ☐ A top concern to me personally
- ☐ One of several important concerns to me
- ☐ Not an important concern to me

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**ASK ALL:**

ENV2

Do you favor or oppose EXPANDING each of the following sources of energy in our country? **[RANDOMIZE ITEMS; OBSERVE FORM SPLITS]**

- a. More offshore oil and gas drilling in U.S. waters
- b. More nuclear power plants to generate electricity
- c. More coal mining
- d. More solar panel "farms"
- e. More hydraulic fracturing, sometimes called "fracking," for oil and natural gas
- f. **ASK FORM 1:** More wind turbine "farms"
- g. **ASK FORM 2:** More offshore wind turbine "farms"

**RESPONSE OPTIONS**

- 1 Favor
- 2 Oppose

Do you favor or oppose EXPANDING each of the following sources of energy in our country?

**More coal mining**

- ☐ Favor  
☐ Oppose

**More solar panel "farms"**

- ☐ Favor  
☐ Oppose

**More hydraulic fracturing, sometimes called "fracking," for oil and natural gas**

- ☐ Favor  
☐ Oppose

**More wind turbine "farms"**

- ☐ Favor  
☐ Oppose

**More nuclear power plants to generate electricity**

- ☐ Favor  
☐ Oppose

**More offshore oil and gas drilling in U.S. waters**

- ☐ Favor  
☐ Oppose

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Do you favor or oppose EXPANDING each of the following sources of energy in our country?

**More nuclear power plants to generate electricity**

- ☐ Favor  
☐ Oppose

**More hydraulic fracturing, sometimes called "fracking," for oil and natural gas**

- ☐ Favor  
☐ Oppose

**More coal mining**

- ☐ Favor  
☐ Oppose

More solar panel "farms"

- ☐ Favor  
☐ Oppose

More offshore oil and gas drilling in U.S. waters

- ☐ Favor  
☐ Oppose

More offshore wind turbine "farms"

- ☐ Favor  
☐ Oppose

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### ASK ALL:

EN1

Right now, which ONE of the following do you think should be the more important priority for addressing America's energy supply? **[RANDOMIZE ORDER OF RESPONSE 1 AND 2]**

- 1 Developing alternative sources, such as wind, solar and hydrogen technology
- 2 Expanding exploration and production of oil, coal and natural gas

Right now, which ONE of the following do you think should be the more important priority for addressing America's energy supply?

- ☐ Developing alternative sources, such as wind, solar and hydrogen technology  
☐ Expanding exploration and production of oil, coal and natural gas

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### ASK ALL:

EN2

Thinking about the country's energy supply, do you think the U.S. should... **[RANDOMIZE ORDER OF RESPONSE 1 AND 2]**

- 1 Phase out the use of oil, coal and natural gas completely, relying instead on renewable energy sources such as wind and solar power only
- 2 Use a mix of energy sources including oil, coal and natural gas along with renewable energy sources

Thinking about the country's energy supply, do you think the U.S. should...

- ☐ Use a mix of energy sources including oil, coal and natural gas along with renewable energy sources  
☐ Phase out the use of oil, coal and natural gas completely, relying instead on renewable energy sources such as wind and solar power only

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**ASK FORM 1:**

WINDHRD How much, if anything, have you read or heard about generating electricity from wind turbine "farms"?

- 1 A lot
- 2 A little
- 3 Nothing at all

How much, if anything, have you read or heard about generating electricity from wind turbine "farms"?

☐ A lot  
☐ A little  
☐ Nothing at all

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**ASK FORM 2:**

SOLARHRD How much, if anything, have you read or heard about generating electricity from solar panel "farms"?

- 1 A lot
- 2 A little
- 3 Nothing at all

How much, if anything, have you read or heard about generating electricity from solar panel "farms"?

☐ A lot  
☐ A little  
☐ Nothing at all

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**ASK FORM 1:**

WIND1 Thinking about generating electricity from wind turbine "farms," do you think...  
**[RANDOMIZE ITEMS]**

- a. The cost to consumers from wind power is...
  - 1 Higher than most other energy sources
  - 2 Lower than most other energy sources
  - 3 About the same as most other energy sources
- b. The reliability of wind power is...
  - 1 More reliable than most other energy sources
  - 2 Less reliable than most other energy sources
  - 3 About the same as most other energy sources

- c. The overall effect on the environment from wind power is...
- 1 Better for the environment than most other energy sources
  - 2 Worse for the environment than most other energy sources
  - 3 About the same for the environment as most other energy sources

Thinking about generating electricity from wind turbine "farms," do you think...

The reliability of wind power is...

- ☐ More reliable than most other energy sources
- ☐ Less reliable than most other energy sources
- ☐ About the same as most other energy sources

The cost to consumers from wind power is...

- ☐ Higher than most other energy sources
- ☐ Lower than most other energy sources
- ☐ About the same as most other energy sources

The overall effect on the environment from wind power is...

- ☐ Better for the environment than most other energy sources
- ☐ Worse for the environment than most other energy sources
- ☐ About the same for the environment as most other energy sources

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## ASK FORM 2:

SOLAR1

Thinking about generating electricity from solar panel "farms," do you think...

**[RANDOMIZE ITEMS]**

- a. The cost to consumers from solar power is...
- 1 Higher than most other energy sources
  - 2 Lower than most other energy sources
  - 3 About the same as most other energy sources
- b. The reliability of solar power is...
- 1 More reliable than most other energy sources
  - 2 Less reliable than most other energy sources
  - 3 About the same as most other energy sources
- c. The overall effect on the environment from solar power is...
- 1 Better for the environment than most other energy sources
  - 2 Worse for the environment than most other energy sources
  - 3 About the same for the environment as most other energy sources



Thinking about generating electricity from solar panel "farms," do you think...

The overall effect on the environment from solar power is...

☐ Better for the environment than most other energy sources

☐ Worse for the environment than most other energy sources

☐ About the same for the environment as most other energy sources

The reliability of solar power is...

☐ More reliable than most other energy sources

☐ Less reliable than most other energy sources

☐ About the same as most other energy sources

The cost to consumers from solar power is...

☐ Higher than most other energy sources

☐ Lower than most other energy sources

☐ About the same as most other energy sources

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**ASK FORM 1:**

ARCTIC

Do you favor or oppose allowing oil and gas drilling in the Arctic National Wildlife Refuge in Alaska?

- 1 Favor  
2 Oppose

Do you favor or oppose allowing oil and gas drilling in the Arctic National Wildlife Refuge in Alaska?

☐ Favor

☐ Oppose

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**ASK FORM 2:**

KSTONE

As you may know, construction on the Keystone XL oil pipeline has been canceled. Do you think it was the right decision or the wrong decision to cancel construction on the Keystone XL pipeline?

- 1 Right decision  
2 Wrong decision

As you may know, construction on the Keystone XL oil pipeline has been canceled. Do you think it was the right decision or the wrong decision to cancel construction on the Keystone XL pipeline?

- ☐ Right decision  
☐ Wrong decision

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**ASK ALL:**

EVCAR2

The next time you purchase a vehicle, how likely are you to seriously consider purchasing an electric vehicle?

- 1 Very likely  
 2 Somewhat likely  
 3 Not too likely  
 4 Not at all likely

[space]

- 5 I do not expect to purchase a vehicle

The next time you purchase a vehicle, how likely are you to seriously consider purchasing an electric vehicle?

- ☐ Very likely  
☐ Somewhat likely  
☐ Not too likely  
☐ Not at all likely  
☐ I do not expect to purchase a vehicle

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**ASK ALL:**

EVCAR3

Do you favor or oppose phasing out the production of new gasoline cars and trucks by the year 2035?

- 1 Favor  
 2 Oppose

Do you favor or oppose phasing out the production of new gasoline cars and trucks by the year 2035?

- ☐ Favor  
☐ Oppose

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**ASK ALL:**

EVHEARD

How much, if anything, have you read or heard about electric vehicles?

- 1 A lot
- 2 A little
- 3 Nothing at all

How much, if anything, have you read or heard about electric vehicles?

☐ A lot

☐ A little

☐ Nothing at all

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**ASK ALL:**

EVAUTO

Comparing electric vehicles to gas-powered vehicles, in general, would you say...

**[RANDOMIZE ITEMS]**

- a. Electric vehicles are...
  - 1 More fun to drive than gas-powered vehicles
  - 2 Less fun to drive than gas-powered vehicles
  - 3 About the same
- b. Electric vehicles are...
  - 1 More reliable than gas-powered vehicles
  - 2 Less reliable than gas-powered vehicles
  - 3 About the same
- c. Electric vehicles...
  - 1 Cost more than gas-powered vehicles
  - 2 Cost less than gas-powered vehicles
  - 3 About the same
- d. Electric vehicles are...
  - 1 Better for the environment than gas-powered vehicles
  - 2 Worse for the environment than gas-powered vehicles
  - 3 About the same

Comparing electric vehicles to gas-powered vehicles, in general, would you say...

Electric vehicles are...

- ☐ More reliable than gas-powered vehicles
- ☐ Less reliable than gas-powered vehicles
- ☐ About the same

Electric vehicles...

- ☐ Cost more than gas-powered vehicles
- ☐ Cost less than gas-powered vehicles
- ☐ About the same

Electric vehicles are...

- ☐ Better for the environment than gas-powered vehicles
- ☐ Worse for the environment than gas-powered vehicles
- ☐ About the same

Electric vehicles are...

- ☐ More fun to drive than gas-powered vehicles
- ☐ Less fun to drive than gas-powered vehicles
- ☐ About the same

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### ASK ALL:

EVCAR1

Do you currently have an electric or hybrid vehicle, or not?

- 1 Yes
- 2 No

Do you currently have an electric or hybrid vehicle, or not?

- ☐ Yes
- ☐ No

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### ASK ALL:

ENV17

How often, if ever, do you make an effort to live in ways that help protect the environment?

- 1 All the time
- 2 Some of the time
- 3 Not too often
- 4 Not at all

How often, if ever, do you make an effort to live in ways that help protect the environment?

- ☐ All the time
- ☐ Some of the time
- ☐ Not too often
- ☐ Not at all

[Previous](#)[Next](#)**ASK ALL:**

EN6F1

Do you do each of the following in your everyday life in order TO HELP PROTECT THE ENVIRONMENT, or don't you? **[RANDOMIZE ITEMS]**

- a. Eat less meat
- b. Drive less or carpool
- c. Reduce your food waste
- d. Use fewer plastics that cannot be reused (e.g., plastic bags, straws, cups)
- e. Reduce the amount of water you use

**RESPONSE OPTIONS:**

- 1 Yes, I do this
- 2 No, I do not do this

Do you do each of the following in your everyday life in order TO HELP PROTECT THE ENVIRONMENT, or don't you?

Use fewer plastics that cannot be reused (e.g., plastic bags, straws, cups)

- ☐ Yes, I do this
- ☐ No, I do not do this

Reduce your food waste

- ☐ Yes, I do this
- ☐ No, I do not do this

Eat less meat

- ☐ Yes, I do this
- ☐ No, I do not do this

Reduce the amount of water you use

- ☐ Yes, I do this
- ☐ No, I do not do this

Drive less or carpool

- ☐ Yes, I do this
- ☐ No, I do not do this

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### [RANDOMIZE ORDER OF LAW COST AND ENVIR6]

#### ASK ALL:

LAW COST

Which of these statements comes closer to your view, even if neither is exactly right?

#### [RANDOMIZE ORDER OF RESPONSE 1 AND 2]

- 1 Stricter environmental laws and regulations cost too many jobs and hurt the economy
- 2 Stricter environmental laws and regulations are worth the cost

Which of these statements comes closer to your view, even if neither is exactly right?

- ☐ Stricter environmental laws and regulations cost too many jobs and hurt the economy
- ☐ Stricter environmental laws and regulations are worth the cost

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### [RANDOMIZE ORDER OF LAW COST AND ENVIR6]

#### ASK ALL:

ENVIR6

Which of these statements comes closest to your own view about the MOST EFFECTIVE WAY to increase reliance on renewable energy sources, even if neither is exactly right?

#### [RANDOMIZE ORDER OF RESPONSE 1 AND 2]

- 1 Government regulations are necessary to encourage businesses and consumers to rely more on renewable energy sources
- 2 The private marketplace will ensure that businesses and consumers rely more on renewable energy sources, even without government regulations

Which of these statements comes closest to your own view about the MOST EFFECTIVE WAY to increase reliance on renewable energy sources, even if neither is exactly right?

- ☐ Government regulations are necessary to encourage businesses and consumers to rely more on renewable energy sources
- ☐ The private marketplace will ensure that businesses and consumers rely more on renewable energy sources, even without government regulations

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ENVIR8

How much do you think the federal government is doing to... **[RANDOMIZE ITEMS]**

- a. Protect air quality
- b. Protect water quality of lakes, rivers and streams
- c. Protect animals and their habitats
- d. Protect open lands in national parks and nature preserves
- e. Reduce the effects of global climate change

**RESPONSE OPTIONS:**

- 1 Too much
- 2 Too little
- 3 About the right amount

How much do you think the federal government is doing to...

Protect animals and their habitats

- ☐ Too much
- ☐ Too little
- ☐ About the right amount

Reduce the effects of global climate change

- ☐ Too much
- ☐ Too little
- ☐ About the right amount

Protect air quality

- ☐ Too much
- ☐ Too little
- ☐ About the right amount

Protect water quality of lakes, rivers and streams

- ☐ Too much
- ☐ Too little
- ☐ About the right amount

Protect open lands in national parks and nature preserves

- ☐ Too much
- ☐ Too little
- ☐ About the right amount

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**ASK ALL:**

LOCENV

How much of a problem, if at all, do you think each of the following is in your local community? **[RANDOMIZE ITEMS; OBSERVE FORM SPLITS]**

- a. Air pollution
- b. **ASK FORM 1:** Pollution of lakes, rivers and streams
- c. **ASK FORM 2:** Safety of drinking water
- d. Too much garbage, waste and landfills
- e. Lack of greenspace and parks

**RESPONSE OPTIONS**

- 1 A big problem
- 2 A moderate problem
- 3 A small problem
- 4 Not a problem



How much of a problem, if at all, do you think each of the following is in your local community?

**Air pollution**

- ☐ A big problem
- ☐ A moderate problem
- ☐ A small problem
- ☐ Not a problem

**Too much garbage, waste and landfills**

- ☐ A big problem
- ☐ A moderate problem
- ☐ A small problem
- ☐ Not a problem

**Lack of greenspace and parks**

- ☐ A big problem
- ☐ A moderate problem
- ☐ A small problem
- ☐ Not a problem

**Pollution of lakes, rivers and streams**

- ☐ A big problem
- ☐ A moderate problem
- ☐ A small problem
- ☐ Not a problem

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How much of a problem, if at all, do you think each of the following is in your local community?

**Air pollution**

- ☐ A big problem
- ☐ A moderate problem
- ☐ A small problem
- ☐ Not a problem

**Lack of greenspace and parks**

- ☐ A big problem
- ☐ A moderate problem
- ☐ A small problem
- ☐ Not a problem

## Safety of drinking water

- ☐ A big problem
- ☐ A moderate problem
- ☐ A small problem
- ☐ Not a problem

## Too much garbage, waste and landfills

- ☐ A big problem
- ☐ A moderate problem
- ☐ A small problem
- ☐ Not a problem

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**ASK ALL:**

CLIM9

How much, if at all, do you think global climate change is currently affecting your local community?

- 1 A great deal
- 2 Some
- 3 Not too much
- 4 Not at all

How much, if at all, do you think global climate change is currently affecting your local community?

- ☐ A great deal
- ☐ Some
- ☐ Not too much
- ☐ Not at all

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**ASK ALL:**

EWLOCAL

Has the area where you live experienced any extreme weather events over the past 12 months?

- 1 Yes
- 2 No

Has the area where you live experienced any extreme weather events over the past 12 months?

- ☐ Yes
- ☐ No

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**ASK ALL:**

CCGEN

Which of the following statements comes closer to your own view, even if neither is exactly right? **[RANDOMIZE ORDER OF RESPONSE 1 AND 2]**

Reducing the effects of global climate change needs to be a...

- 1 Lower priority with so many other important problems facing Americans today, even if that means more climate problems for future generations
- 2 Top priority to ensure a sustainable planet for future generations, even if that means fewer resources for addressing other important problems today

Which of the following statements comes closer to your own view, even if neither is exactly right?

Reducing the effects of global climate change needs to be a...

- ☐ Top priority to ensure a sustainable planet for future generations, even if that means fewer resources for addressing other important problems today
- ☐ Lower priority with so many other important problems facing Americans today, even if that means more climate problems for future generations

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**ASK ALL:**

CCFUTR

Looking to the future 50 years from now, which of the following do you think is more likely to happen in the U.S.? **[RANDOMIZE ORDER OF RESPONSE 1 AND 2]**

- 1 New technology will be able to address most of the problems caused by global climate change
- 2 Major changes to everyday life will be needed to address the problems caused by global climate change

Looking to the future 50 years from now, which of the following do you think is more likely to happen in the U.S.?

- ☐ New technology will be able to address most of the problems caused by global climate change
- ☐ Major changes to everyday life will be needed to address the problems caused by global climate change

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**ASK ALL:**

EN7

How much do you think human activity, such as the burning of fossil fuels, contributes to global climate change?

- 1 A great deal
- 2 Some
- 3 Not too much
- 4 Not at all

How much do you think human activity, such as the burning of fossil fuels, contributes to global climate change?

- ☐ A great deal
- ☐ Some
- ☐ Not too much
- ☐ Not at all

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ENV26

Thinking about what you have heard or read, how well do climate scientists understand...

**[RANDOMIZE ITEMS]**

- Whether or not global climate change is occurring
- The causes of global climate change
- The best ways to address global climate change

**RESPONSE OPTIONS:**

- 1 Very well
- 2 Fairly well
- 3 Not too well
- 4 Not at all well

Thinking about what you have heard or read, how well do climate scientists understand...

The best ways to address global climate change

- ☐ Very well
- ☐ Fairly well
- ☐ Not too well
- ☐ Not at all well

The causes of global climate change

- ☐ Very well
- ☐ Fairly well
- ☐ Not too well
- ☐ Not at all well

Whether or not global climate change is occurring

- ☐ Very well
- ☐ Fairly well
- ☐ Not too well
- ☐ Not at all well

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**ASK ALL:**

CCINFLU

Thinking about public policy debates about addressing global climate change, do you think climate scientists have...

- 1 Too much influence
- 2 Too little influence
- 3 About the right amount

Thinking about public policy debates about addressing global climate change, do you think climate scientists have...

- ☐ Too much influence
- ☐ Too little influence
- ☐ About the right amount

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CLIMENO

How much do you think each of the following is doing to help reduce the effects of global climate change? **[RANDOMIZE ITEMS]**

- a. Large businesses and corporations
- b. The energy industry
- c. Ordinary Americans
- d. Environmental advocacy organizations
- e. You, yourself, as an individual
- f. Your state elected officials

**RESPONSE OPTIONS:**

- 1 Too much
- 2 Too little
- 3 About the right amount

How much do you think each of the following is doing to help reduce the effects of global climate change?

Large businesses and corporations

- ☐ Too much
- ☐ Too little
- ☐ About the right amount

You, yourself, as an individual

- ☐ Too much
- ☐ Too little
- ☐ About the right amount

Environmental advocacy organizations

- ☐ Too much
- ☐ Too little
- ☐ About the right amount

Ordinary Americans

- ☐ Too much
- ☐ Too little
- ☐ About the right amount

Your state elected officials

- ☐ Too much
- ☐ Too little
- ☐ About the right amount

The energy industry

- ☐ Too much
- ☐ Too little
- ☐ About the right amount

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**ASK ALL:**

CCPOLICY

Do you favor or oppose the following proposals to reduce the effects of global climate change? **[RANDOMIZE ITEMS]**

- a. Planting about a trillion trees around the world to absorb carbon emissions in the atmosphere
- b. Taxing corporations based on the amount of carbon emissions they produce
- c. Providing a tax credit to encourage businesses to develop technology which captures and stores carbon emissions so they do not enter the atmosphere
- d. Tougher restrictions on power plant carbon emissions
- e. Tougher fuel-efficiency standards for automobiles and trucks

**RESPONSE OPTIONS:**

- 1 Favor
- 2 Oppose

Do you favor or oppose the following proposals to reduce the effects of global climate change?

Tougher restrictions on power plant carbon emissions

- ☐ Favor
- ☐ Oppose

Providing a tax credit to encourage businesses to develop technology which captures and stores carbon emissions so they do not enter the atmosphere

- ☐ Favor
- ☐ Oppose

Tougher fuel-efficiency standards for automobiles and trucks

- ☐ Favor
- ☐ Oppose

Planting about a trillion trees around the world to absorb carbon emissions in the atmosphere

- ☐ Favor
- ☐ Oppose

Taxing corporations based on the amount of carbon emissions they produce

- ☐ Favor
- ☐ Oppose

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**ASK ALL:**

BIDENC1

Overall, do you think the Biden administration's policies to reduce the effects of global climate change will...

- 1 Go too far
- 2 Not go far enough
- 3 Be about right

Overall, do you think the Biden administration's policies to reduce the effects of global climate change will...

- ☐ Go too far
- ☐ Not go far enough
- ☐ Be about right

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**ASK ALL:**

CCPROP

Thinking about proposals to reduce the effects of global climate change, how important is each of the following considerations to you personally? **[RANDOMIZE ITEMS]**

- a. Getting the U.S. to net-zero carbon emissions as quickly as possible
- b. Making sure proposals help lower-income communities
- c. Limiting the burden of regulations on businesses
- d. Increasing job and economic growth
- e. Keeping consumer costs low
- f. Protecting the quality of the environment for future generations

**RESPONSE OPTIONS:**

- 1 Very important
- 2 Somewhat important
- 3 Not too important
- 4 Not at all important

Thinking about proposals to reduce the effects of global climate change, how important is each of the following considerations to you personally?

Protecting the quality of the environment for future generations

- ☐ Very important
- ☐ Somewhat important
- ☐ Not too important
- ☐ Not at all important

Limiting the burden of regulations on businesses

- ☐ Very important
- ☐ Somewhat important
- ☐ Not too important
- ☐ Not at all important



Making sure proposals help lower-income communities

- ☐ Very important
- ☐ Somewhat important
- ☐ Not too important
- ☐ Not at all important

Increasing job and economic growth

- ☐ Very important
- ☐ Somewhat important
- ☐ Not too important
- ☐ Not at all important

Getting the U.S. to net-zero carbon emissions as quickly as possible

- ☐ Very important
- ☐ Somewhat important
- ☐ Not too important
- ☐ Not at all important

Keeping consumer costs low

- ☐ Very important
- ☐ Somewhat important
- ☐ Not too important
- ☐ Not at all important

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**ASK ALL:**

BIDENC2 Do you favor or oppose each of the following proposals for the federal government?  
**[RANDOMIZE ITEMS]**

- a. Requiring power companies to use more energy from renewable sources, such as wind or solar, to reduce carbon emissions
- b. Federal spending to build a network of electric vehicle charging stations across the country to increase use of electric cars and trucks
- c. Raising taxes on corporations to pay for more energy efficient buildings and improved roads and bridges

**RESPONSE OPTIONS**

- 1 Favor
- 2 Oppose

Do you favor or oppose each of the following proposals for the federal government?

Raising taxes on corporations to pay for more energy efficient buildings and improved roads and bridges

- ☐ Favor  
☐ Oppose

Federal spending to build a network of electric vehicle charging stations across the country to increase use of electric cars and trucks

- ☐ Favor  
☐ Oppose

Requiring power companies to use more energy from renewable sources, such as wind or solar, to reduce carbon emissions

- ☐ Favor  
☐ Oppose

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**ASK ALL:**  
 BIDENC3

As you may know, the Biden administration has proposed a plan to rebuild the country's infrastructure in ways that are aimed at reducing the effects of global climate change.

Overall, do you think the policies in this proposal will...

- 1 Help the U.S. economy
- 2 Hurt the U.S. economy
- 3 Make no difference for the U.S. economy

As you may know, the Biden administration has proposed a plan to rebuild the country's infrastructure in ways that are aimed at reducing the effects of global climate change.

Overall, do you think the policies in this proposal will...

- ☐ Help the U.S. economy  
☐ Hurt the U.S. economy  
☐ Make no difference for the U.S. economy

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**ASK ALL:**  
GRNINFRA

Which of the following statements comes closer to your view, even if neither is exactly right?

A federal government proposal to change building standards so that new construction will better withstand extreme weather events is... **[RANDOMIZE ORDER OF RESPONSE 1 AND 2]**

- 1 A good idea because the country's building standards need to be upgraded to better deal with the effects of extreme weather events
- 2 A bad idea because it could increase costs and cause delays in important building projects

Which of the following statements comes closer to your view, even if neither is exactly right?

A federal government proposal to change building standards so that new construction will better withstand extreme weather events is...

- ☐ A good idea because the country's building standards need to be upgraded to better deal with the effects of extreme weather events
- ☐ A bad idea because it could increase costs and cause delays in important building projects

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**ASK ALL:**  
TALKCC

Thinking about the people you talked with over the past few weeks, whether in person, over the phone, or online...

How often, if ever, have you discussed the need for action on global climate change?

- 1 Nearly every day
- 2 A few times each week
- 3 Once or twice
- 4 Never

Thinking about the people you talked with over the past few weeks, whether in person, over the phone, or online...

How often, if ever, have you discussed the need for action on global climate change?

- ☐ Nearly every day
- ☐ A few times each week
- ☐ Once or twice
- ☐ Never

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**ASK ALL:**

CCCNFLCT

When you talk with someone you DISAGREE with about the need for action on global climate change, do you generally find it to be...

- 1 A difficult conversation
- 2 Not a difficult conversation

When you talk with someone you DISAGREE with about the need for action on global climate change, do you generally find it to be...

- ☐ A difficult conversation
- ☐ Not a difficult conversation

[Previous](#)[Next](#)**ASK ALL:**

CCACT

Has a friend or family member ever personally encouraged you to become more involved in efforts to reduce the effects of global climate change?

- 1 Yes, I have been encouraged
- 2 No, I have not been encouraged

Has a friend or family member ever personally encouraged you to become more involved in efforts to reduce the effects of global climate change?

- ☐ Yes, I have been encouraged
- ☐ No, I have not been encouraged

[Previous](#)[Next](#)**ASK ALL:**

CCCRTQ

Has a friend or family member ever personally criticized you for not doing enough to help with efforts to reduce the effects of global climate change?

- 1 Yes, I have been criticized
- 2 No, I have not been criticized

Has a friend or family member ever personally criticized you for not doing enough to help with efforts to reduce the effects of global climate change?

- ☐ Yes, I have been criticized
- ☐ No, I have not been criticized

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**ASK ALL:  
ENGACT**

Thinking about global climate change, here's a list of activities some people do and others do not. Please indicate if you have done each of the following activities in the past year. **[RANDOMIZE ITEMS]**

- a. Attended a protest or rally to show support for addressing climate change
- b. Volunteered for an activity focused on addressing climate change
- c. Donated money to an organization focused on addressing climate change
- d. Contacted an elected official to urge them to address climate change

**RESPONSE OPTIONS:**

- 1 Yes, have done this in the past year
- 2 No, have not done this in the past year

Thinking about global climate change, here's a list of activities some people do and others do not. Please indicate if you have done each of the following activities in the past year.

Attended a protest or rally to show support for addressing climate change

- ☐ Yes, have done this in the past year
- ☐ No, have not done this in the past year

Volunteered for an activity focused on addressing climate change

- ☐ Yes, have done this in the past year
- ☐ No, have not done this in the past year

Contacted an elected official to urge them to address climate change

- ☐ Yes, have done this in the past year
- ☐ No, have not done this in the past year

Donated money to an organization focused on addressing climate change

- ☐ Yes, have done this in the past year
- ☐ No, have not done this in the past year

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**ASK FORM 1:**

ACTYG

When you see younger adults urging action on global climate change, does it generally make you...

- 1 More interested in addressing climate change
- 2 Less interested in addressing climate change
- 3 Makes no difference to me

When you see younger adults urging action on global climate change, does it generally make you...

- ☐ More interested in addressing climate change
- ☐ Less interested in addressing climate change
- ☐ Makes no difference to me

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## ASK FORM 2:

ACTLY

When you see people like you urging action on global climate change, does it generally make you...

- 1 More interested in addressing climate change
- 2 Less interested in addressing climate change
- 3 Makes no difference to me

When you see people like you urging action on global climate change, does it generally make you...

- ☐ More interested in addressing climate change
- ☐ Less interested in addressing climate change
- ☐ Makes no difference to me

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## ASK IF ATP SAMPLE INTERNET USER THAT DID NOT RECEIVE QUESTION IN W88 (XPANEL=2 AND XSNSW88=999), OR INTERNET USERS IN NEW KP SAMPLE (XPANEL=1 AND XTABLET=2):

SNSUSE

Do you ever use social media sites like Facebook, Twitter, or Instagram?

- 1 Yes, I use social media sites
- 2 No, I do not use social media sites

Do you ever use social media sites like Facebook, Twitter, or Instagram?

- ☐ Yes, I use social media sites
- ☐ No, I do not use social media sites

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**ASK IF USE SOCIAL MEDIA (XSNSUSEW88=1 OR SNSUSE\_W89=1):**

CONTYPE Have you seen any content on social media in the past few weeks that focused on the following? **[RANDOMIZE ITEMS]**

- a. Personal finance
- b. Popular culture or celebrities
- c. Food or recipes
- d. Encouraging people to get a coronavirus vaccine
- e. The situation at the U.S. border with Mexico
- f. Addressing global climate change
- g. Supporting racial justice

**RESPONSE OPTIONS**

- 1 Yes, I have seen this on social media
- 2 No, I have not seen this on social media

Have you seen any content on social media in the past few weeks that focused on the following?

Encouraging people to get a coronavirus vaccine

- ☐ Yes, I have seen this on social media
- ☐ No, I have not seen this on social media

Food or recipes

- ☐ Yes, I have seen this on social media
- ☐ No, I have not seen this on social media

The situation at the U.S. border with Mexico

- ☐ Yes, I have seen this on social media
- ☐ No, I have not seen this on social media

Addressing global climate change

- ☐ Yes, I have seen this on social media
- ☐ No, I have not seen this on social media

Personal finance

- ☐ Yes, I have seen this on social media
- ☐ No, I have not seen this on social media

Supporting racial justice

- ☐ Yes, I have seen this on social media
- ☐ No, I have not seen this on social media

Popular culture or celebrities

- ☐ Yes, I have seen this on social media
- ☐ No, I have not seen this on social media

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**ASK IF USE SOCIAL MEDIA (XSNSUSEW88=1 OR SNSUSE\_W89=1):**

CLIMFEEL Thinking about the most recent time you saw content on social media about addressing global climate change, did it make you feel... **[RANDOMIZE ITEMS]**

- a. Anxious about the future
- b. Angry that not enough is being done to address climate change
- c. Confident we can reduce the effects of climate change
- d. Annoyed there is so much attention on addressing climate change
- e. Motivated to learn more about climate change issues

**RESPONSE OPTIONS**

- 1 Yes
- 2 No

Thinking about the most recent time you saw content on social media about addressing global climate change, did it make you feel...

Anxious about the future

- ☐ Yes
- ☐ No

Confident we can reduce the effects of climate change

- ☐ Yes
- ☐ No

Annoyed there is so much attention on addressing climate change

- ☐ Yes
- ☐ No

Angry that not enough is being done to address climate change

- ☐ Yes
- ☐ No

Motivated to learn more about climate change issues

- ☐ Yes
- ☐ No

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**ASK IF USE SOCIAL MEDIA (XSNSUSEW88=1OR SNSUSE\_W89=1):**

CLIMSEEK Which statement best describes how you see content on social media that is focused on global climate change? **[RANDOMIZE ORDER OF RESPONSE 1 AND 2]**

When I see content on social media about global climate change...

- 1 I mostly see it because I'm looking for it
- 2 I mostly see it because I happen to come across it

Which statement best describes how you see content on social media that is focused on global climate change?

When I see content on social media about global climate change...

☐ I mostly see it because I'm looking for it

☐ I mostly see it because I happen to come across it

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**ASK IF USE SOCIAL MEDIA (XSNSUSEW88=1 OR SNSUSE\_W89=1):**

FOLCLIM On social media, do you follow an account, page, organization or person who focuses on the need for action on global climate change?

- 1 Yes, at least one
- 2 No, none

On social media, do you follow an account, page, organization or person who focuses on the need for action on global climate change?

☐ Yes, at least one

☐ No, none

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**ASK IF USE SOCIAL MEDIA (XSNSUSEW88=1 OR SNSUSE\_W89=1):**

CCSOCACT On social media, have you done the following in the past few weeks? **[RANDOMIZE ITEMS]**

- a. Interacted with posts about the need for action on global climate change (such as liking or commenting)
- b. Posted or shared a post about the need for action on global climate change

**RESPONSE OPTIONS**

- 1 Yes, I have done this
- 2 No, I have not done this

On social media, have you done the following in the past few weeks?

Interacted with posts about the need for action on global climate change (such as liking or commenting)

- ☐ Yes, I have done this
- ☐ No, I have not done this

Posted or shared a post about the need for action on global climate change

- ☐ Yes, I have done this
- ☐ No, I have not done this

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### ASK FORM 1:

CLIM8

One proposal to reduce the effects of global climate change would use solar geoengineering techniques — for example, spreading particles in the atmosphere to reflect sunlight and thereby lower the Earth's temperature. **[DO NOT RANDOMIZE ITEM ORDER]**

a. Do you think using these techniques would...

- 1 Make a difference in reducing the effects of global climate change
- 2 Not make a difference in reducing the effects of global climate change

#### NO ITEM B

c. How concerned are you that we will use solar geoengineering techniques before we fully understand how they affect the Earth's ecosystems?

- 1 Very concerned
- 2 Somewhat concerned
- 3 Not too concerned
- 4 Not at all concerned

One proposal to reduce the effects of global climate change would use solar geoengineering techniques — for example, spreading particles in the atmosphere to reflect sunlight and thereby lower the Earth's temperature.

Do you think using these techniques would...

- ☐ Make a difference in reducing the effects of global climate change
- ☐ Not make a difference in reducing the effects of global climate change

How concerned are you that we will use solar geoengineering techniques before we fully understand how they affect the Earth's ecosystems?

- ☐ Very concerned
- ☐ Somewhat concerned
- ☐ Not too concerned
- ☐ Not at all concerned

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**ASK FORM 2:****CLOUDSD**

One proposal to reduce the effects of increased drought from global climate change would use "cloud seeding" techniques, a type of geoengineering where particles are added to clouds to encourage rain or snowfall. **[DO NOT RANDOMIZE ITEM ORDER]**

- a. Do you think using these techniques would...
- 1 Make a difference in reducing the effects of drought
  - 2 Not make a difference in reducing the effects of drought

**NO ITEM B**

- c. How concerned are you that we will use cloud seeding techniques before we fully understand how they affect the Earth's ecosystems?
- 1 Very concerned
  - 2 Somewhat concerned
  - 3 Not too concerned
  - 4 Not at all concerned

One proposal to reduce the effects of increased drought from global climate change would use "cloud seeding" techniques, a type of geoengineering where particles are added to clouds to encourage rain or snowfall.

Do you think using these techniques would...

- ☐ Make a difference in reducing the effects of drought
- ☐ Not make a difference in reducing the effects of drought

How concerned are you that we will use cloud seeding techniques before we fully understand how they affect the Earth's ecosystems?

- ☐ Very concerned
- ☐ Somewhat concerned
- ☐ Not too concerned
- ☐ Not at all concerned

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**ASK FORM 1:****CLIM8HRD**

How much, if anything, have you read or heard about solar geoengineering techniques before today?

- 1 A lot
- 2 A little
- 3 Nothing at all

How much, if anything, have you read or heard about solar geoengineering techniques before today?

☐ A lot  
☐ A little  
☐ Nothing at all

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**ASK FORM 2:**

CLOUDHRD How much, if anything, have you read or heard about "cloud seeding" geoengineering techniques before today?

- 1 A lot
- 2 A little
- 3 Nothing at all

How much, if anything, have you read or heard about "cloud seeding" geoengineering techniques before today?

☐ A lot  
☐ A little  
☐ Nothing at all

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**\*CODEBOOK FOR ATP SAMPLE VARIABLES TO BE USED IN SURVEY PROGRAMMING LOGIC\*****XTABLET**

- 1 Tablet HH
- 2 Non-tablet HH

**XSNSUSEW88**

- 1 Yes, I use social media sites
- 2 No, I do not use social media sites
- 99 Refused
- 999 ATP sample internet user that did not respond to W88