

A.7 Questionnaire: Survey A

A.7.1 Consent

{consent} This is a survey for academic research purposes. It will take approximately 15 minutes to complete. The purpose of this survey is to assess your policy views.

You will be compensated conditional upon completing the survey and passing our survey quality checks, which use sophisticated statistical control methods to detect incoherent and rushed responses. Responding without adequate effort may result in your response being flagged for low quality and you may not receive your payment. Please note that it is very important for the success of our research that you answer honestly and read the questions very carefully before answering. You should know the following: You may not be told everything. As part of this research design, you may not be told about the purpose or procedures of this research. However, the purpose or procedures of the research will be fully disclosed to you following your participation. We might recontact you in one week.

Whether or not you participate is up to you. Your participation is completely voluntary. You can choose not to take part. You can agree to take part and later change your mind. Your decision will not be held against you. Your refusal to participate will not result in any consequences or any loss of benefits that you are otherwise entitled to receive. You can ask all the questions you want before you decide.

If you have questions, concerns, or complaints, or think the research has hurt you, contact the research team at social.economics.research2020@gmail.com.

All of the answers you provide will remain anonymous and be treated with absolute confidentiality. The data are only used for research purposes. Anonymous data collected from this study will be publicly available in an online repository.

Do you agree to participate to the survey?

[Yes, I agree to participate; No, I do not agree to participate]

A.7.2 Socio-Demographics

A.7.2.1 Quotas

{gender} What is your gender?

- Female
- Male
- Other (Please specify: _____)

{age} How old are you? _____

{live_us} Do you currently live in the U.S.?

- Yes
- No

{us_area} In which area of the U.S. do you live?

- Northeast

- South
- Midwest
- West

{race} How would you describe your ethnicity/race?

- White
- African American/Black
- Hispanic/Latino
- Asian/Asian American
- Mixed race
- Other (please specify: _____)

{income.bracket} What was your total household income from all sources in 2023, before taxes and other deductions?

- Less than \$10,000
- \$10,000 - \$19,999
- \$20,000 - \$29,999
- \$30,000 - \$39,999
- \$40,000 - \$49,999
- \$50,000 - \$69,999
- \$70,000 - \$89,999
- \$90,000 - \$109,999
- \$110,000 - \$149,999
- \$150,000 - \$199,999
- More than \$200,000

A.7.2.2 Demographics

{born_us} Were you born in the United States?

- Yes
- No

{zip_code} In which ZIP code do you live? _____

{educ} Which category best describes your highest level of education?

- 8th Grade or less
- Some high school
- High school degree/GED

- Some college
- 2-year college degree
- 4-year college degree
- Master's degree
- Doctoral degree
- Professional degree (JD, MD, MBA)

{emp_status} What is your current employment status?

- Full-time employee
- Part-time employee
- Self-employed or small business owner
- Unemployed and looking for work
- Student
- Not currently working and not looking for work
- Retiree

{religion} What is your religion (if any)?

- No religion
- Catholic
- Mainline Protestant (for example, Methodist, Lutheran, Presbyterian, Episcopal)
- Evangelical Christian
- Mormon
- Other Christian
- Judaism
- Islam
- Hinduism or Buddhism
- Other

{lib_scale} Where do you see yourself on the liberal/conservative spectrum?

- Very liberal
- Liberal
- Moderate
- Conservative
- Very conservative

{vote_2020} Did you vote in the 2020 Presidential Election?

- Yes
- No

{vote_who_2020} Who did you vote for in the 2020 Election?

- Joseph R. Biden
- Donald J. Trump
- Jo Jorgensen
- Howard G. Hawkins
- Prefer not to say/Don't know

{novote_who_2020} If you had voted, who would you have voted for?

- Joseph R. Biden
- Donald J. Trump
- Jo Jorgensen
- Howard G. Hawkins
- Prefer not to say/Don't know

{vote_2024} Did you vote in the 2024 Presidential Election?

- Yes
- No

{vote_who_2024} Who did you vote for in the 2024 Election?

- Donald J. Trump
- Kamala D. Harris
- Someone else
- Probably not vote
- Prefer not to say / Do not know

{novote_who_2024} If you had voted, who would you have voted for?

- Donald J. Trump
- Kamala D. Harris
- Someone else
- Probably not vote
- Prefer not to say / Do not know

A.7.2.3 Correlates for Voting Behavior

[Block on traditional correlates for voting behavior in the literature: trust, life satisfaction, universalism]

{life_satisf} All things considered, how satisfied or dissatisfied are you with your life as a whole these days?

- Very satisfied
- Somewhat satisfied
- Neither satisfied nor dissatisfied
- Somewhat dissatisfied
- Very dissatisfied

{trust_people} Generally speaking, would you say that...?

- Most people can be trusted
- You can never be too careful when dealing with other people

{trust_gov} How often do you think you can trust the government to do what is right?

- Never
- Some of the time
- Most of the time
- Always

{tax_cents} Of every tax dollar that goes to the federal government in Washington, D.C., how many cents would you say are wasted?

- Slider going from 0 to 100

{compassion} Would you say that compassion for those who are suffering is the most crucial virtue?

- Definitely yes
- Generally yes
- Indifferent
- Generally no
- Definitely no

{child_inherit} Do you think that it is morally wrong, or morally right, that rich children inherit a lot of money while poor children inherit nothing?

- Definitely wrong
- Generally wrong
- Neither right nor wrong
- Generally right
- Definitely right

{fam_loyal} Would you say that people should be loyal to their family members, even when they have done something wrong?

- Definitely yes
- Generally yes
- Indifferent
- Generally no
- Definitely no

{child_respect} Would you say that all children need to learn respect for authority?

- Definitely yes
- Generally yes
- Indifferent
- Generally no
- Definitely no

A.7.2.4 Emotions in Lonely Society

[Block to understand heterogeneity and importance of emotions/affects in society of loneliness]

{work_people} Is your work mostly on your own or working with other people?

- On my own
- With other people, but I don't feel I'm part of a team at work
- With other people, and I feel I'm part of a team at work
- I don't work

{prob_help} How often can you count on someone to help you with a problem in life, such as a friend or relative?

- All the time
- Very often
- Sometimes
- Never

{w_lonely} During a week, how many times would you say you feel lonely?

- All the time
- Very often
- Sometimes
- Never

{now_income_diff} Which of the descriptions below are closest to how you feel about your household's income nowadays?

- Living comfortably on present income
- Coping on present income
- Finding it difficult to live on present income
- Finding it very difficult to live on present income

{emergency_cover} Suppose you needed 400 dollars to cover an emergency (like a car breaking down or a broken pipe). Would it be very easy, fairly easy, not very easy, or not at all easy to get this money?

- Very easy
- Fairly easy
- Not very easy
- Not easy at all

A.7.3 Attention Check 1

{att.1} This is a question to check whether you are paying attention and reading the questions carefully. Please select both “strongly disagree” and “strongly agree” to continue.

- Strongly disagree
- Disagree
- Neither agree nor disagree
- Agree
- Strongly agree

A.7.4 Policy Issues

A.7.4.1 Trade

[Only to neutral branch]

{novideo_openended} Please describe, in 1 or 2 sentences, how you feel while answering this survey.

{trade_oeq_neu} When you think about US trade with other countries, what are the main considerations that come to your mind?

[Only to negative framing only treatment branch]

{novideo_openended} Please describe, in 1 or 2 sentences, how you feel while answering this survey.

{trade_oeq_neg} When you think about U.S. trade with other countries such as China, what makes you really angry and revolted?

[Only to positive video treatment branch]

Positive Emotion Video

{video_check_relax} Were you able to watch and listen to the video until the end?

- Yes
- No, there was a technical problem
- No, I skipped part of the video

{video_att_relax} What is the video about?

- Informative facts about the causes and consequences of climate change, then it shows a woman stuck in her car in the middle of a wildfire.
- Informative facts about the causes and consequences of climate change, then it explains PG&E's responsibility in starting a particular wildfire.
- It shows peaceful and relaxing landscapes.
- Do not know.

{video_openend_relax} Please describe, in 1 or 2 sentences, what emotions do you feel after watching this video?

{trade_oeq_neu} When you think about US trade with other countries, what are the main considerations that come to your mind?

[Only to positive emotion treatment branch]

Positive Emotion Video

{video_check_relax} Were you able to watch and listen to the video until the end?

- Yes
- No, there was a technical problem
- No, I skipped part of the video

{video_att_relax} What is the video about?

- Informative facts about the causes and consequences of climate change, then it shows a woman stuck in her car in the middle of a wildfire.
- Informative facts about the causes and consequences of climate change, then it explains PG&E's responsibility in starting a particular wildfire.
- It shows peaceful and relaxing landscapes.
- Do not know.

{video_openend_relax} Please describe, in 1 or 2 sentences, what emotions do you feel after watching this video?

{trade_oeq_pos} When you think about US trade with other countries, what are some of the things, if any, that make you feel optimistic?

[Only to negative emotion treatment branch]

Negative Emotion Video

{video_check_relax} Were you able to watch and listen to the video until the end?

- Yes
- No, there was a technical problem
- No, I skipped part of the video

[Participants are removed if “Yes” is not selected.]

{video_att_relax} What is the video about?

- It shows a woman stuck in her car in the middle of a wildfire.
- Informative facts about the causes and consequences of climate change.
- It explains PG&E’s responsibility in starting a particular wildfire.
- Do not know.

[Participants are removed if “It explains PG&E’s responsibility in starting a particular wildfire” is not selected.]

{video_openend_anger} Please describe, in 1 or 2 sentences, what emotions do you feel after watching this video?

{trade_oeq_neg} When you think about U.S. trade with other countries such as China, what makes you really angry and revolted?

{trade_gen} [From “*Understanding of Trade*”] Which statement comes closest to your view?

- (a) More international trade can make everyone in the U.S. better off. Even if some people lose from it, it creates sufficient gains so that even those who lose from it can be compensated through appropriate policies.
- (b) Free trade will entail winners and losers and it will be impossible to compensate those who lose from it.

{trade_uineq} [From “*Understanding of Trade*”] To what extent do you think that trade with other countries is a major reason for:

- Unemployment in some sectors and the decline of some industries in the U.S.
- A rise of inequality in the U.S.
 - A great deal;
 - A lot;
 - A moderate amount;
 - A little;
 - None at all

{trade_aim} [From “*Understanding of Trade*”] Do you agree or disagree with the following statement: “Increasing trade with other countries and reducing barriers to trade is something the U.S. should aim for.”

- Strongly agree
- Agree

- Neither agree nor disagree
- Disagree
- Strongly disagree

(Salient questions specific for US 2024 elections:)

{trade.allies} To what extent do you believe that maintaining strong trade relationships with key allies, such as Canada, Mexico, and the European Union, is important for ensuring U.S. economic growth?

- Extremely important
- Very important
- Somewhat important
- Slightly important
- Not at all important

{trade.60tar} Would you support or oppose raising tariffs on Chinese imports to at least 60 percent, meaning every product coming into the U.S. from China would face at least an extra 60 percent cost? Supporters argue this proposal will protect American industries and jobs, while critics warn it could raise prices for businesses relying on imported inputs and consumers.

- Strongly support
- Somewhat support
- Neither oppose nor support
- Somewhat oppose
- Strongly oppose

A.7.4.2 Immigration

[Only to neutral and positive emotion video only treatment branches]

{imm.oeq_neu} When you think about current immigration in the US, what are the main considerations that come to your mind?

[Only to negative emotion and negative framing only treatment branches]

{imm.oeq_neg} When you think about current immigration in the US, especially issues like illegal border crossings, what really scares you and/or makes you really angry?

[Only to positive emotion treatment branch]

{imm.oeq_pos} When you think about current immigration in the US, what are some of the things, if any, that make you feel optimistic?

{im.unemp} [From “Immigration and Redistribution”, Alesina, Stantcheva, Miano (2022)] a) Out of every 100 people born in the U.S., how many are currently unemployed? By unemployed, we mean people who are currently not working but searching for a job (and maybe unable to find one). [Slider from 1 to 100]

{imm.unemp_imm} b) Now let’s compare this to the number of unemployed among legal immigrants. Out of every 100 legal immigrants, how many do you think are currently unemployed? [Slider from 1 to 100]

{im.number} [From “Zero-Sum Thinking and the Roots of U.S. Political Divides”, Chinoy, Nunn, Sequeira, Stantcheva] Do you think the number of immigrants from foreign countries who are permitted to come to the United States to live should be:

- Increased a lot
- Increased a little
- Left the same as it is now
- Decreased a little
- Decreased a lot

{im.reason} [From “Immigration and Redistribution”, Alesina, Stantcheva, Miano (2022)] Which has more to do with why an immigrant living in the U.S. is poor?

- Lack of effort on his or her own part
- Circumstances beyond his or her control

(Salient questions specific for US 2024 elections:)

{im.deport} Would you support or oppose a large-scale deportation operation aimed at expelling millions of undocumented immigrants, including using military resources and deputizing local police for immigration raids?

- Strongly support
- Somewhat support
- Neither oppose nor support
- Somewhat oppose
- Strongly oppose

{im.root} Would you support or oppose spending U.S. funds on programs to address the root causes of migration from Central America, such as poverty and violence, through initiatives like economic development and security partnerships?

- Strongly support
- Somewhat support
- Neither oppose nor support
- Somewhat oppose
- Strongly oppose

{im.screening} Do you think an earned pathway to citizenship for undocumented immigrants should include only objective criteria, such as paying taxes and passing background checks, or should it also involve stronger ideological screening, potentially barring individuals with certain political or religious beliefs?

- Include only objective criteria, such as paying taxes and passing background checks
- Include both objective criteria and stronger ideological screening for visa applicants

- Include mostly a stronger ideological screening for visa applicants

{im_threat} How serious of a threat do you think immigration is to...?

- The U.S. economy
- The U.S. culture
 - Not serious at all
 - Not very serious
 - Somewhat serious
 - Very serious

A.7.4.3 Attention Check 2

{att.2} This is a question to check whether you are reading the questions carefully. Please select both “slightly concerned” and “extremely concerned” to continue.

- Not at all concerned
- Slightly concerned
- Moderately concerned
- Very concerned
- Extremely concerned

A.7.4.4 Tax & Redistribution

[Only to neutral branch]

{tax_oeq_neu} When you think about income and wealth distribution in the U.S., what are the main considerations that come to your mind?

[Only to negative framing only treatment branch]

{tax_oeq_neg} When you think about income and wealth inequality in the U.S., what makes you feel really angry and outraged?

[Only to positive video only treatment branch]

Positive Emotion Video 2 {tax_oeq_neu} When you think about income and wealth distribution in the U.S., what are the main considerations that come to your mind?

[Only to positive emotion treatment branch]

Positive Emotion Video 2 {tax_oeq_pos} When you think about income and wealth distribution in the U.S., what are some of the things, if any, that make you feel optimistic?

[Only to negative emotion treatment branch]

Negative Emotion Video 2 {tax_oeq_neg} When you think about income and wealth inequality in the U.S., what makes you feel really angry and outraged?

{tax_poor_why} [From “Intergenerational Mobility and Preferences for Redistribution”, Alesina, Stantcheva, Teso (2018)] Which has more to do with why a person is poor?

- Lack of effort on his or her own part
- Circumstances beyond his or her control

{tax_govt_role} Some people think that the government (at the local, state, or federal level) should not care about income differences between rich and poor people. Others think that the government should do everything in its power to reduce income inequality. [Rate on a scale of 1 to 7, with 1 being the government should not concern itself with income inequality and 7 being the government should do everything in its power to reduce income inequality.]

{tax_rich} [From “*Understanding Economic Policies: What do People Know and Learn?*”, Stantcheva] Do you think that people with higher incomes pay a higher or lower share of their total income in federal personal income taxes than people with lower incomes?

- People with higher incomes pay a higher share of their income in taxes than those with lower incomes.
- People with higher incomes pay a lower share of their income in taxes than those with lower incomes.

{tax_less_ineq} [From “*Understanding Tax Policy: How do People Reason?*”, Stantcheva (2022)] What do you think would ultimately do more to reduce the income differences between poor and rich families?

- Lowering taxes on wealthy people and corporations to encourage more investment in economic growth.
- Raising taxes on wealthy people and corporations to expand programs for the poor.

(Salient questions specific for US 2024 elections:)

{tax_ira.21} The corporate minimum tax was established by the Inflation Reduction Act (IRA) of 2022, setting a 15% minimum tax on corporations with over \$1 billion in annual profits. Would you support or oppose raising the corporate minimum tax from 15% to 21%? Proponents argue this would help reduce tax avoidance and increase funding for public programs, while critics warn it could discourage business investment and slow economic growth.

- Strongly support
- Somewhat support
- Neither oppose nor support
- Somewhat oppose
- Strongly oppose

{tax_tcja_rich} Would you support or oppose raising the top federal income tax rate from the current 37% to 39.6% for individuals earning over \$400,000? This would restore the top rate to the level before the 2017 TCJA tax cuts, aiming to increase revenue from high earners to fund social programs for the poor. Critics argue this policy could discourage investment, reduce economic growth, and complicate estate planning.

- Strongly support
- Somewhat support
- Neither oppose nor support
- Somewhat oppose

- Strongly oppose

{tax_gouging} Would you support or oppose a federal ban on corporate price gouging for groceries, which would allow the government to impose penalties on companies found to be unfairly raising prices? Supporters argue it could help protect consumers from excessive costs, especially during inflation, while critics caution that it may interfere with market dynamics and discourage investment.

- Strongly support
- Somewhat support
- Neither oppose nor support
- Somewhat oppose
- Strongly oppose

A.7.4.5 Populism

[Only to neutral and positive video only treatment branches]

{pop_oeq_neu} When you think about how democracy works in the US and its impact on political debates among Americans, what are the main considerations that come to your mind?

[Only to negative emotion and negative framing only treatment branches]

{pop_oeq_neg} When you think about how democracy works in the US and its impact on political debates among Americans, what makes you feel really outraged and angry?

[Only to positive emotion treatment branch]

{pop_oeq_pos} When you think about how democracy works in the US and its impact on political debates among Americans, what are some of the things, if any, that make you feel optimistic?

{pop_leader} Do you think having a strong leader who does not have to bother with parliament and elections is a good or a bad way of governing?

- Very bad
- Fairly bad
- Neither bad nor good
- Fairly good
- Very good

{pop_experts} Do you think having experts, not the government, making decisions according to what they think is best for the country is a good or a bad way of governing?

- Very bad
- Fairly bad
- Neither bad nor good
- Fairly good

- Very good

{pop_demo} Do you think having a democratic political system is a good or a bad way of governing?

- Very bad
- Fairly bad
- Neither bad nor good
- Fairly good
- Very good

{pop_fair_elec} Do you agree or disagree that elections in America are fair and each vote is counted fairly?

- Strongly agree
- Somewhat agree
- Neither agree nor disagree
- Somewhat disagree
- Strongly disagree

{pop_politician} Do you think most politicians care only about the interests of the rich and powerful, or do they also care about the needs of all citizens?

- They care about the interests of the rich and powerful
- Indifferent
- They care about the needs of all citizens

A.7.5 Societal Issues

{stat_intro} Now we will show you some statements that some people agree with and others disagree with, or have no opinion. For each statement, please indicate how much you agree or disagree with this statement. And please indicate if you would be ready to sign a petition against or in favor.

{stat_metoo} Do you agree with the statement that the MeToo movement, which is a movement against sexual harassment and sexual assault and has been associated with the firing of several high-profile men, has gone too far and is leading to false accusations and unjust persecution of men?

- Strongly agree
- Agree
- Neither agree nor disagree
- Disagree
- Strongly disagree

{stat_metoo_pet} Would you be ready to sign a petition against or in favor of the MeToo movement?

- Yes, I want to be anonymously counted as one of the respondents to a petition against the MeToo movement.
- No, I do not want to support any petition.
- Yes, I want to be anonymously counted as one of the respondents to a petition in favor of the MeToo movement.

{stat_abortion} Do you agree that abortion should be prohibited except in the case of rape, incest, or if the woman's life is in danger?

- Strongly agree
- Somewhat agree
- Neither agree nor disagree
- Somewhat disagree
- Strongly disagree

{stat_abortion_pet} Would you be ready to sign a petition against or in favor of abortion?

- Yes, I want to be anonymously counted as one of the respondents to a petition against abortion.
- No, I do not want to support any petition.
- Yes, I want to be anonymously counted as one of the respondents to a petition in favor of abortion.

{stat_gun_regul} Do you oppose or support lower restrictions and fewer regulations on legal, non-lethal firearms than on lethal firearms?

- Strongly support
- Somewhat support
- Neither support nor oppose
- Somewhat oppose
- Strongly oppose

{stat_gun_regul_pet} Would you be ready to sign a petition against or in favor of lowering restrictions and regulations on legal, non-lethal firearms compared to lethal firearms?

- Yes, I want to be anonymously counted as one of the respondents to a petition against lower restrictions and regulations for legal, non-lethal firearms.
- No, I do not want to support any petition.
- Yes, I want to be anonymously counted as one of the respondents to a petition in favor of lower restrictions and regulations for legal, non-lethal firearms.

A.7.6 Emotion Check

{emo.check} Below, you will see a list of emotions. We ask you to rate the intensity with which you experienced each emotion during the survey. Please make your assessment with the slider on a scale from 1 to 7, where 1 indicates very low intensity and 7 indicates very high intensity. *[Slider 1 to 7]*

- Sadness
- Surprise
- Fear
- Joy
- Anger
- Tranquillity
- Outrage

A.7.7 Affective Polarization

We would like to rate how you feel towards Kamala D. Harris and Donald J. Trump, on a scale from 0 to 100, which we call a “feeling thermometer”. On this feeling thermometer scale, ratings between 0 to 49 degrees mean that you feel unfavorable and cold (with 0 being the most unfavorable, coldest). Ratings between 51 and 100 mean that you feel favorable and warm (with 100 being the most favorable, warmest). A rating of 50 means you have no feelings one way or the other.

{affect.trump} How would you rate your feelings toward Donald J. Trump? *[Slider 0 to 100]*

{affect.harris} How would you rate your feelings toward Kamala D. Harris? *[Slider 0 to 100]*

{affect.oeq.harris} Please describe, in 1 or 2 sentences, what emotions you feel towards Kamala D. Harris.

{affect.oeq.trump} Please describe, in 1 or 2 sentences, what emotions you feel towards Donald J. Trump.

A.7.8 Bias and Feedback

{bias} Do you feel that this survey was biased?

- Yes, left-wing bias
- Yes, right-wing bias
- No, it did not feel biased

{feedback} Please feel free to give us any feedback or impressions regarding this survey. *[Textbox]*

A.7.9 Debrief

Debrief Thank you for your participation in our research study. To submit your answers, click on the red arrow at the bottom of this page.

In case you are interested, we would like to discuss the study you just participated in with you in more detail and explain exactly what we are trying to study.

Before we tell you about all the goals of this study, however, we want to explain why it is necessary in some kinds of studies not to tell people all about the purpose of the study until after the study is completed.

As you may know, scientific methods sometimes require that participants in research studies are not given complete information about the research until after the study is completed. Although we cannot always tell you everything before you begin your participation, we do want to tell you everything when the study is completed.

We do not always tell people everything at the beginning of a study because we do not want to influence their responses. If we tell people what the purpose of the study is and our predictions about how they will react, then this could influence their responses and would not be a good measure of how they would react in everyday situations.

The aim of this study is to evaluate the impact of emotions on policy attitudes.

If other people know the true purpose of the study, it might affect how they behave/answer questions, so we are asking you not to share the information we just discussed.

We hope you enjoyed your experience, and we hope you learned some things today. If you have any questions later please feel free to contact us on the email provided in the consent form (social.economics.research2020@gmail.com).

Do you have any other questions or comments about anything you did today or anything we have talked about?

Thank you again for your participation.

END OF THE SURVEY

A.8 Questionnaire: Survey B

A.8.1 Consent and Disclaimer

{b00_1.consent} **What is the purpose of this research?** Our research aims at better understanding the way people choose the policies they support. **What can I expect if I take part in this research?** During this study, you will be asked around 30 questions, all clearly stated and non-intrusive. All the data will be entirely de-identified by the survey software and we will not be able to access any identification, IP address and so on. Hence the data will be entirely anonymous. The **entirely de-identified and anonymized data** will be made publicly available after the research has been completed. **What should I know about this research study?**

- Whether or not you take part is up to you.
- Your participation is completely voluntary.
- You can choose not to take part.
- You can agree to take part and later change your mind.

Your decision will not be held against you. Your refusal to participate will not result in any consequences or any loss of benefits that you are otherwise entitled to receive. You can ask all the questions you want before you decide. As part of this research design, you may not be told everything about the purpose or procedures of this research. However, the purpose or procedures of the research will be disclosed to you following your participation. **Who can I talk to?** If you have questions, concerns, or complaints, or think the research has hurt you, talk to the research team at emotionseconomics@harvard.edu.

A.8.2 Sociodemographics

{b1_3.gender} What is your gender?

- Male
- Female
- Other/Prefer not to say

{b1_2.age} What is your age?

- *[Number]*

{b1_1.zipcode} In which ZIP code do you live?

- *[ZIP code]*

{b1_6.ethnicity_new} How would you describe your ethnicity/race?

- White
- African American/Black
- Hispanic/Latino

- Asian/Asian American
- Mixed race
- Other (please specify)

{b1_12_totalincome} What was your total household income, before taxes, last year (2023), in thousands of U.S. dollars?

- \$0-\$9,999
- \$10,000-\$14,999
- \$15,000-\$19,999
- \$20,000-\$29,999
- \$30,000-\$39,999
- \$40,000-\$49,999
- \$50,000-\$69,999
- \$70,000-\$89,999
- \$90,000-\$109,999
- \$110,000-\$149,999
- \$150,000-\$199,999
- \$200,000+

{b1_13_education} Which category best describes your highest level of education?

- 8th Grade or less
- Some high school
- High school degree/GED
- Some college
- 2-year college degree
- 4-year college degree
- Master's degree
- Doctoral degree
- Professional degree (JD, MD, MBA)

{b1_13b_employment} What is your current employment status?

- Full-time employee

- Part-time employee
- Self-employed or small business owner
- Unemployed and looking for work
- Student
- Not currently working and not looking for work
- Retiree

{b1_15_libconspect} Where do you see yourself on the liberal/conservative spectrum?

- Very liberal
- Liberal
- Moderate
- Conservative
- Very conservative

{b1_15b_vote2024} Did you vote in the 2024 Election?

- Yes
- No

[If Did you vote in the 2024 Election? = Yes]

{b1_15c_votewhom2024} Who did you vote for in the 2024 Election?

- Kamala D. Harris
- Donald J. Trump
- Someone else
- Prefer not to say/Don't know

[If Did you vote in the 2024 Election? = No]

{b1_15d_ifnot2024} If you had voted, who would you have voted for?

- Kamala D. Harris
- Donald J. Trump
- Someone else
- Prefer not to say/Don't know

A.8.3 Attention Check 1

{b1_23_fullattention} To show that you are attentive, please select “A little” in the list below.

- Not at all
- A little
- Moderately
- A lot
- A great deal

A.8.4 Video Treatment

[Only to cognitive + fear treatment branch]

Video cognitive + fear

{video_fear} Please watch this 2-minute video about climate change before proceeding to the next questions (it is really important to watch it until the end).

{valid_mainfear} Were you able to watch and listen to the video until the end?

- Yes
- No, there was a technical problem
- No, I skipped part of the video

{attent_mainfear} What is the video about?

- Informative facts about the causes and consequences of climate change, then it shows a woman stuck in her car in the middle of a wildfire.
- Informative facts about the causes and consequences of climate change, then it explains PG&E's responsibility in starting a particular wildfire.
- It shows peaceful and relaxing landscapes.
- Don't know

{openended_mainfear} Please describe, in 1 or 2 sentences, what emotions do you feel after watching this video.

[Only to fear treatment branch]

Video fear

{video_fear_only} Please watch this 1-minute video about climate change before proceeding to the next questions (it is really important to watch it until the end).

{valid_mainfearonly} Were you able to watch and listen to the video until the end?

- Yes
- No, there was a technical problem

- No, I skipped part of the video

{attent_mainfearonly} What is the video about?

- It shows a woman stuck in her car in the middle of a wildfire.
- It explains PG&E's responsibility in starting a particular wildfire.
- It shows peaceful and relaxing landscapes.
- Don't know

{openended_mainfearon} Please describe, in 1 or 2 sentences, what emotions do you feel after watching this video.

[Only to cognitive + anger treatment branch]

Video cognitive + anger

{video anger} Please watch this 2-minute video about climate change before proceeding to the next questions (it is really important to watch it until the end).

{valid_mainanger} Were you able to watch and listen to the video until the end?

- Yes
- No, there was a technical problem
- No, I skipped part of the video

{attent_mainanger} What is the video about?

- Informative facts about the causes and consequences of climate change, then it shows a woman stuck in her car in the middle of a wildfire.
- Informative facts about the causes and consequences of climate change, then it explains PG&E's responsibility in starting a particular wildfire.
- It shows peaceful and relaxing landscapes.
- Don't know

{openended_mainanger} Please describe, in 1 or 2 sentences, what emotions do you feel after watching this video.

[Only to anger treatment branch]

Video anger

{video anger only} Please watch this 1-minute video about climate change before proceeding to the next questions (it is really important to watch it until the end)

{valid_mainanger} Were you able to watch and listen to the video until the end?

- Yes
- No, there was a technical problem

- No, I skipped part of the video

{attent_mainanger} What is the video about?

- Informative facts about the causes and consequences of climate change, then it shows a woman stuck in her car in the middle of a wildfire.
- Informative facts about the causes and consequences of climate change, then it explains PG&E's responsibility in starting a particular wildfire.
- It shows peaceful and relaxing landscapes.
- Don't know

{openended_mainanger} Please describe, in 1 or 2 sentences, what emotions do you feel after watching this video.

[Only to cognitive treatment branch]

Video Cognitive

{video control cog} Please watch this 50-second video about climate change before proceeding to the next questions (it is really important you watch it until the end).

{valid_maincog} Were you able to watch and listen to the video until the end?

- Yes
- No, there was a technical problem
- No, I skipped part of the video

{attent_maincog} What is the video about?

- It shows a woman stuck in her car in the middle of a wildfire.
- Informative facts about the causes and consequences of climate change.
- It explains PG&E's responsibility in starting a particular wildfire.
- It shows peaceful and relaxing landscapes.
- Don't know

{openended_maincog} Please describe, in 1 or 2 sentences, what emotions do you feel after watching this video.

[Only to positive emotion treatment branch]

Positive Emotion Video

{video control rel} Please watch this 1-minute video before proceeding to the next questions (it is really important you watch it until the end).

{valid_mainrelax} Were you able to watch and listen to the video until the end?

- Yes

- No, there was a technical problem
- No, I skipped part of the video

{attent_mainrelax} What is the video about?

- It shows a woman stuck in her car in the middle of a wildfire.
- Informative facts about the causes and consequences of climate change.
- It explains PG&E's responsibility in starting a particular wildfire.
- It shows peaceful and relaxing landscapes.
- Don't know

{opened_mainrel} Please describe, in 1 or 2 sentences, what emotions do you feel after watching this video.

[Only to cognitive + positive emotion treatment branch]

Video Cognitive + Positive Emotion Video

{video_cogrel} Please watch this 2-minute video about climate change before proceeding to the next questions (it is really important to watch it until the end).

{valid_main_cogrelax} Were you able to watch and listen to the video until the end?

- Yes
- No, there was a technical problem
- No, I skipped part of the video

{attent_main_cogrelax} What is the video about?

- Informative facts about the causes and consequences of climate change, then it shows a woman stuck in her car in the middle of a wildfire.
- Informative facts about the causes and consequences of climate change, then it shows peaceful and relaxing landscapes.
- Informative facts about the causes and consequences of climate change, then it explains PG&E's responsibility in starting a particular wildfire.
- It shows only peaceful and relaxing landscapes.
- Don't know

{opened_main_cogrel} Please describe, in 1 or 2 sentences, what emotions do you feel after watching this video.

A.8.5 General Attitudes

{b3.1.1_trustgov} Do you trust information on climate change when it comes from the government?

- Always distrust
- Generally distrust
- Neither trust nor distrust
- Generally trust
- Always trust

{b3.1.3_viewoncc} Here are two statements people sometimes make when discussing climate change. Which of them comes closer to your own point of view?

- Climate change is mainly caused by human activity
- Climate change is mainly a natural phenomenon
- There is no climate change
- I don't know

{protectorgrow1} To what extent do you support the statement that the environmental crisis is an unfortunate side effect of positive economic growth?

- Strongly oppose
- Somewhat oppose
- Neither oppose nor support
- Somewhat support
- Strongly support

{protectorgrow2} How necessary do you think it is to slow down U.S. economic growth to help alleviate the environmental crisis?

- Not at all
- A little
- Moderately
- A lot
- A great deal

{meat} Research has shown that eating meat can be harmful to the environment and accelerates climate change more than other food. Would you be willing to **reduce your meat consumption**?

- Not at all

- A little
- Moderately
- A lot
- A great deal

{flights} Research has shown that taking flights is harmful to the environment and accelerates climate change more than other means of transportation. Would you be willing to **reduce the number of flights you take**?

- Not at all
- A little
- Moderately
- A lot
- A great deal

{30.Otherflights} When it comes to climate action, what would you say should other people do, for instance with respect to taking flights?

- People should take as many flights as they want
- Only very rich people (the top 1%) should reduce the number of flights they take
- Everyone should reduce the number of flights they take
- The government should cap the maximum number of flights people are allowed to take every year

A.8.6 Policy Questions

A.8.6.1 Policy Ban

{b3.4.ban_winlose} Do you think that your household would win or lose financially from a ban on combustion-engine cars?

- Win a lot
- Mostly win
- Neither win nor lose
- Mostly lose
- Lose a lot

{b3.4.ban_cars} Do you support or oppose a ban on combustion-engine cars?

- Strongly oppose

- Somewhat oppose
- Neither support nor oppose
- Somewhat support
- Strongly support

A.8.6.2 Policy Tax

{b3.5_0_text} To fight climate change, the U.S. federal government can make greenhouse gas emissions costly, to make people and firms change their equipment and reduce their emissions. The government could do this through a policy called a carbon tax with cash transfers. Under such a policy, the government would tax all products that emit greenhouse gas. For example, the price of gasoline would increase by 40 cents per gallon. To compensate households for the price increases, the revenues from the carbon tax would be redistributed to all households, regardless of their income. Each adult would thus receive \$600 per year. We will now ask you a few questions regarding this specific policy.

{b3.5_3_tax_winlose} Do you think that your household would win or lose financially under a carbon tax with cash transfers?

- Win a lot
- Mostly win
- Neither win nor lose
- Mostly lose
- Lose a lot

{b3.5_5_tax_support} Do you support or oppose a carbon tax with cash transfers?

- Strongly oppose
- Somewhat oppose
- Neither support nor oppose
- Somewhat support
- Strongly support

{b3.5_5_tax_rich} Governments can choose to levy the carbon tax on specific populations. Would you support or oppose introducing a progressive carbon tax that would raise gasoline prices by 40 cents per gallon for high-income people only?

- Strongly oppose
- Somewhat oppose
- Neither support nor oppose
- Somewhat support
- Strongly support

A.8.6.3 Policy Preference: Tax vs Ban

{b3.5_ban_vs_tax} If you had to choose between these policies, which one would you prefer to fight climate change?

- A ban on combustion-engine cars
- A carbon tax

A.8.6.4 Policy Redistribution

{tax_redistribute} Would you support or oppose an increase in the income tax of households making more than \$731,200 a year, if the government used this revenue to finance cash transfers to the poorest households?

- Strongly oppose
- Somewhat oppose
- Neither support nor oppose
- Somewhat support
- Strongly support

A.8.6.5 Harris vs Trump Policy Proposals

{elprop_Paris} Do you support or oppose the U.S. participating in the Paris Climate Agreement? This agreement sets a limit on the greenhouse gases the U.S. can emit and imposes a fee whenever the limit is exceeded.

- Strongly oppose
- Somewhat oppose
- Neither oppose nor support
- Somewhat support
- Strongly support

{elprop_InflationAct} Do you support or oppose tax incentives for renewable energy projects, such as the installation of solar panels?

- Strongly oppose
- Somewhat oppose
- Neither oppose nor support
- Somewhat support
- Strongly support

{elprop_evehicle} Do you support or oppose legislation to increase the proportion of electric cars sold from 10% today to 50% by 2035?

- Strongly oppose
- Somewhat oppose
- Neither oppose nor support
- Somewhat support
- Strongly support

{elprop_oil} Do you support or oppose expanding oil, gas, and coal production in the U.S.? This includes measures like lifting restrictions on federal drilling permits, building more coal plants, and expanding offshore drilling.

- Strongly oppose
- Somewhat oppose
- Neither oppose nor support
- Somewhat support
- Strongly support

{elprop_climate} How important was climate policy in your vote in favor of Donald Trump or Kamala Harris?

- Not important at all
- A little important
- Moderately important
- Very important
- Extremely important

A.8.7 Booster Videos

[Only to cognitive + fear treatment branch]

Video cognitive + fear 2

{booster_fear} video Please watch the rest of the video you watched a few minutes ago. It should take you approximately 50 seconds.

[Only to fear treatment branch]

Video fear 2

{booster_fear_only} Please watch the rest of the video you watched a few minutes ago. It should take you approximately 1 minute.

[Only to cognitive + anger treatment branch]

Video cognitive + anger 2

{booster anger video} Please watch the rest of the video you watched a few minutes ago. It should take you approximately 1 minute.

[Only to anger treatment branch]

Video anger 2

{booster anger only} Please watch the rest of the video you watched a few minutes ago. It should take you approximately 1 minute.

[Only to cognitive treatment branch]

Video cognitive 2

{boos control cog vi} Please watch the rest of the video you watched a few minutes ago. It should take you approximately 20 seconds.

[Only to positive emotion treatment branch]

Positive emotion video

{booster video relax} Please watch the rest of the video you watched a few minutes ago. It should take you approximately 1 minute.

[Only to cognitive + positive emotion treatment branch]

Video cognitive + positive emotion video

{booster video cogrel} Please watch the rest of the video you watched a few minutes ago. It should take you approximately 1 minute.

A.8.8 Emotions Feedback

{b5_emotion} Below, you will see a list of emotions. We ask you to rate the intensity with which you experienced each emotion during the survey until now. Please make your assessment with the slider on a scale from 1 to 7, where 1 indicates very low intensity and 7 indicates very high intensity.

- Sadness
- Surprise
- Fear
- Joy
- Anger
- Tranquility
- Disgust

A.8.9 Distortion of Reality 1

{b3.2.1_question} Between 1980 and 1999, the United States experienced an average of 4.5 weather and climate disasters each year (such as droughts, floods, storms, and wildfires), with each individual event resulting in overall damages reaching or exceeding \$1 billion. Please guess how many weather events for which the overall damage cost reached or exceeded \$1 billion has been sustained by the U.S. in 2023. If your

guess is close enough to the correct answer (i.e. ± 2 events from the exact number), you will earn \$5. You will receive the payment through the same channel as you receive your basic compensation for taking part to this survey. No further action is required from you.

A.8.10 Distortion of Reality 2

{b3.2.2a_answerdirect} According to the Intergovernmental Panel on Climate Change (IPCC)'s Sixth Assessment Report, released in 2021, the human-caused rise in greenhouse gases has made extreme weather events 6 times more frequent between the 1990s and today. NASA's satellite missions, including the upcoming Earth System Observatory, provide vital data for monitoring and responding to extreme weather events. Source: science.nasa.gov/climate-change/extreme-weather/

A.8.11 Distortion of Reality 3

{b3.2.4_feedback} Recall that you guessed that the U.S. has sustained \${b3.2.1_question/ChoiceTextEntryValue} weather and climate disasters where overall damages/costs reached or exceeded \$1 billion in 2023, given that this figure was 4.5 between 1980 and 1999, on average. Following the information presented to you, your views may have changed. We will now ask you the same question as before, and we will use this new guess to determine your bonus payment. In your opinion, how frequent were weather and climate disasters in the U.S. in 2023 where the overall damage/cost reached or exceeded \$1 billion?

A.8.12 Framing: Neutral

{b3.3.a_control} Do you support or oppose a policy that would require all residential buildings to be insulated to a certain energy efficiency standard by 2040?

- Strongly oppose
- Somewhat oppose
- Neither support nor oppose
- Somewhat support
- Strongly support

A.8.13 Framing: Negative

{b3.3.c_negative} Insulation can help your home stay warm in the winter and cool in the summer. Do you support or oppose a policy that would require all residential buildings to be insulated to a certain energy efficiency standard by 2040?

- Strongly oppose
- Somewhat oppose
- Neither support nor oppose
- Somewhat support
- Strongly support

A.8.14 Framing: Positive

{b3.3.b-positive} Insulation can reduce your carbon footprint by using less energy and emitting fewer greenhouse gases. Do you support or oppose a policy that would require all residential buildings to be insulated to a certain energy efficiency standard by 2040?

- Strongly oppose
- Somewhat oppose
- Neither support nor oppose
- Somewhat support
- Strongly support

A.8.15 Climate Policies 2

{policytype1} Do you support or oppose a policy that requires electric utilities to produce at least 20% of their electricity from wind, solar or other renewable energy sources, even if it costs the average household an extra \$100 per year?

- Strongly oppose
- Somewhat oppose
- Neither support nor oppose
- Somewhat support
- Strongly support

{policytype2} Would you pay 5% more on your monthly utility bill to get your electricity from renewable energy sources, like wind or solar?

- Strongly oppose
- Somewhat oppose
- Neither support nor oppose
- Somewhat support
- Strongly support

{policytype5} Do you support or oppose a policy that increases federal funding to low-income communities and communities of color that are disproportionately harmed by air and water pollution?

- Strongly oppose
- Somewhat oppose
- Neither support nor oppose
- Somewhat support
- Strongly support

A.8.16 Democracy

{democracy} Who do you think would be better at governing this country to find a solution to climate change?

- A strong leader who does not have to bother with elections
- A democratically elected parliament and political system

A.8.17 Donation

{Donation - willyou} Taking part in this survey, you were automatically registered for a lottery where you could win \$1,000. You will know whether you won in a few days. If you win, you will receive the payment through the same channel as you receive your basic compensation for taking part to this survey. No further action is required from you. Were you the winner of the \$1,000 lottery, would you be ready to give a proportion of your gain to an organization that fights climate change?

- Yes, I would be ready to give a proportion of my gain from the lottery to such an organization (details will be given in next question)
- No, I wouldn't be ready to give a proportion of my gain from the lottery to such an organization

[If Taking part in this survey, you were automatically registered for a lottery where you could win \$... = Yes, I would be ready to give a proportion of my gain from the lottery to such an organization (details will be given in next question)]

{Donation} how much You will find below two organizations that fight climate change. You may enter how much money, over your \$1,000 potential gain, you wish to give to each one of them. Were you the winner of the lottery, you would receive \$1,000 minus the total amount of your donation.

- Organization 1 - Greenpeace: [Insert value]
- Organization 2 - World Wide Fund for Nature (WWF): [Insert value]
- [Display total value]

[If Taking part in this survey, you were automatically registered for a lottery where you could win \$... = Yes, I would be ready to give a proportion of my gain from the lottery to such an organization (details will be given in next question)]

{Q215} Were you the winner of the lottery, you would finally receive: [\$1000-Total Value]. Do you agree or do you change your mind?

- I agree: If I win the \$1,000, I will give \$[Previous Answer for Greenpeace] to Greenpeace and \$[Previous Answer for WWF] to the WWF, and get only \$[Total Value] for myself.
- I change my mind: Finally, I want to get the \$1,000 for myself.

A.8.18 Petition

{b6.petition} Finally, are you willing to sign a petition to stand up for real climate action? As soon as the survey is complete, we will send the results to the President’s office, informing him what share of people who took this survey were willing to support the following petition: I agree that immediate action on climate change is critical. Now is the time to dedicate ourselves to a low-carbon future and prevent lasting damage to all living things. Science shows us we cannot afford to wait to cut harmful carbon emissions. I’m adding my voice to the call to world leaders in the U.S. and beyond to act so we do not lose ground in combating climate change. Do you support this petition (you will not be asked to sign, only your answer here is required and remains anonymous)?

- Yes, I want to be anonymously counted as one of the respondents that showed support for the petition
- No, I do not want to support the petition

A.8.19 Do You Look for Information? (1 Dollar)

{infoWTP01} Are you interested in learning the correct answer to the question on extreme weather events we previously asked you and other facts about climate change?

- Yes
- No

[If Are you interested in learning the correct answer to the question on extreme weather events we pr... = Yes]

{infoWTP1dollar} By taking this survey, you are automatically enrolled in a lottery to win \$1000. In a few days you will know whether you won the \$1000. The payment will be made to you in the same way as your regular survey pay, so no further action is required on your part. In case you won, would you be willing to pay \$1 to have in order to have the correct answer to the question on extreme weather events, along with a selection of research-backed facts and figures on the causes and consequences of climate change in the U.S.?

- Yes, I am willing to pay \$1
- No, I am not willing to pay anything

[If By taking this survey, you are automatically enrolled in a lottery to win \$1000. In a few days yo... = Yes, I am willing to pay \$1]

{information display1} **Answer to the question** “From 1980 to 1999, the U.S. has sustained, on average, 4.5 weather and climate disasters every year (droughts, flooding, storms, wildfires) for which the overall damage cost reached or exceeded \$1 billion. How many weather events for which the overall damage cost reached or exceeded \$1 billion has been sustained by the U.S. in 2023?” Only in 2023, the U.S. has sustained 28 weather events for which the overall damage cost reached or exceeded \$1 billion. **Research-backed facts, causes and consequences of climate change.**

- Average world temperature has increased 2°F from that in 1850.
- In 1963, 10bn tons of CO₂ were released worldwide. In 2000 this figure more than doubled (25.50bn tons) and in 2022 it more than tripled (36.8bn tons).

- On average, each person on Earth emits 4.9 tons of CO₂ annually. However, the average American contributes over three times that amount, with 15.2 tons of CO₂ emissions per person per year.
- The region contributing the most to global greenhouse gas emissions is China, followed by the U.S., the E.U., and India (JRC 2018).
- Beef is the dish that emits the most greenhouse gases, followed by chicken wings and pasta (we consider each dish weighs half a pound). (Poore and Nemecek, 2018).
- Aviation accounted for 1.03 GtCO₂, or 3.1% of total global CO₂ emissions from fossil fuel combustion.
- 99.48 kg of greenhouse gas are emitted per kilogram of food product.
- 22 million tons of plastic leaked in the environment in 2019, and this estimate is projected to double by 2060.

A.8.20 Do You Look for Information? (2 Dollar)

{info_WTP02} Are you interested in learning the correct answer to the question on extreme weather events we previously asked you and other facts about climate change?

- Yes
- No

[If Are you interested in learning the correct answer to the question on extreme weather events we pr... = Yes]

{info_WTP2dollar} By taking this survey, you are automatically enrolled in a lottery to win \$1000. In a few days you will know whether you won the \$1000. The payment will be made to you in the same way as your regular survey pay, so no further action is required on your part. In case you won, would you be willing to pay \$2 to have in order to have the correct answer to the question on extreme weather events, along with a selection of research-backed facts and figures on the causes and consequences of climate change in the U.S.?

- Yes, I am willing to pay \$2
- No, I am not willing to pay anything

[If By taking this survey, you are automatically enrolled in a lottery to win \$1000. In a few days yo... = Yes, I am willing to pay \$2]

{information display2} **Answer to the question** “From 1980 to 1999, the U.S. has sustained, on average, 4.5 weather and climate disasters every year (droughts, flooding, storms, wildfires) for which the overall damage cost reached or exceeded \$1 billion. How many weather events for which the overall damage cost reached or exceeded \$1 billion has been sustained by the U.S. in 2023?” Only in 2023, the U.S. has sustained 28 weather events for which the overall damage cost reached or exceeded \$1 billion. **Research-backed facts, causes and consequences of climate change.**

- Average world temperature has increased 2°F from that in 1850.
- In 1963, 10bn tons of CO₂ were released worldwide. In 2000 this figure more than doubled (25.50bn tons) and in 2022 it more than tripled (36.8bn tons).

- On average, each person on Earth emits 4.9 tons of CO₂ annually. However, the average American contributes over three times that amount, with 15.2 tons of CO₂ emissions per person per year.
- The region contributing the most to global greenhouse gas emissions is China, followed by the U.S., the E.U., and India (JRC 2018).
- Beef is the dish that emits the most greenhouse gases, followed by chicken wings and pasta (we consider each dish weighs half a pound). (Poore and Nemecek, 2018).
- Aviation accounted for 1.03 GtCO₂, or 3.1% of total global CO₂ emissions from fossil fuel combustion.
- 99.48 kg of greenhouse gas are emitted per kilogram of food product.
- 22 million tons of plastic leaked in the environment in 2019, and this estimate is projected to double by 2060.

A.8.21 Do You Look for Information? (5 Dollar)

{info_WTP05} Are you interested in learning the correct answer to the question on extreme weather events we previously asked you and other facts about climate change?

- Yes
- No

[If Are you interested in learning the correct answer to the question on extreme weather events we pr... = Yes]

{info_WTP5dollar} By taking this survey, you are automatically enrolled in a lottery to win \$1000. In a few days you will know whether you won the \$1000. The payment will be made to you in the same way as your regular survey pay, so no further action is required on your part. In case you won, would you be willing to pay \$5 to have in order to have the correct answer to the question on extreme weather events, along with a selection of research-backed facts and figures on the causes and consequences of climate change in the U.S.?

- Yes, I am willing to pay \$5
- No, I am not willing to pay anything

[If By taking this survey, you are automatically enrolled in a lottery to win \$1000. In a few days yo... = Yes, I am willing to pay \$5]

{information display5} **Answer to the question** “From 1980 to 1999, the U.S. has sustained, on average, 4.5 weather and climate disasters every year (droughts, flooding, storms, wildfires) for which the overall damage cost reached or exceeded \$1 billion. How many weather events for which the overall damage cost reached or exceeded \$1 billion has been sustained by the U.S. in 2023?” Only in 2023, the U.S. has sustained 28 weather events for which the overall damage cost reached or exceeded \$1 billion. **Research-backed facts, causes and consequences of climate change.**

- Average world temperature has increased 2°F from that in 1850.
- In 1963, 10bn tons of CO₂ were released worldwide. In 2000 this figure more than doubled (25.50bn tons) and in 2022 it more than tripled (36.8bn tons).

- On average, each person on Earth emits 4.9 tons of CO₂ annually. However, the average American contributes over three times that amount, with 15.2 tons of CO₂ emissions per person per year.
- The region contributing the most to global greenhouse gas emissions is China, followed by the U.S., the E.U., and India (JRC 2018).
- Beef is the dish that emits the most greenhouse gases, followed by chicken wings and pasta (we consider each dish weighs half a pound). (Poore and Nemecek, 2018).
- Aviation accounted for 1.03 GtCO₂, or 3.1% of total global CO₂ emissions from fossil fuel combustion.
- 99.48 kg of greenhouse gas are emitted per kilogram of food product.
- 22 million tons of plastic leaked in the environment in 2019, and this estimate is projected to double by 2060.

A.8.22 Do You Look for Information? (10 Dollar)

{info_WTP10} Are you interested in learning the correct answer to the question on extreme weather events we previously asked you and other facts about climate change?

- Yes
- No

[If Are you interested in learning the correct answer to the question on extreme weather events we pr... = Yes]

{info_WTP10dollar} By taking this survey, you are automatically enrolled in a lottery to win \$1000. In a few days you will know whether you won the \$1000. The payment will be made to you in the same way as your regular survey pay, so no further action is required on your part. In case you won, would you be willing to pay \$10 to have in order to have the correct answer to the question on extreme weather events, along with a selection of research-backed facts and figures on the causes and consequences of climate change in the U.S.?

- Yes, I am willing to pay \$10
- No, I am not willing to pay anything

[If By taking this survey, you are automatically enrolled in a lottery to win \$1000. In a few days yo... = Yes, I am willing to pay \$10]

{informationdisplay10} **Answer to the question** “From 1980 to 1999, the U.S. has sustained, on average, 4.5 weather and climate disasters every year (droughts, flooding, storms, wildfires) for which the overall damage cost reached or exceeded \$1 billion. How many weather events for which the overall damage cost reached or exceeded \$1 billion has been sustained by the U.S. in 2023?” Only in 2023, the U.S. has sustained 28 weather events for which the overall damage cost reached or exceeded \$1 billion. **Research-backed facts, causes and consequences of climate change.**

- Average world temperature has increased 2°F from that in 1850.

- In 1963, 10bn tons of CO₂ were released worldwide. In 2000 this figure more than doubled (25.50bn tons) and in 2022 it more than tripled (36.8bn tons).
- On average, each person on Earth emits 4.9 tons of CO₂ annually. However, the average American contributes over three times that amount, with 15.2 tons of CO₂ emissions per person per year.
- The region contributing the most to global greenhouse gas emissions is China, followed by the U.S., the E.U., and India (JRC 2018).
- Beef is the dish that emits the most greenhouse gases, followed by chicken wings and pasta (we consider each dish weighs half a pound). (Poore and Nemecek, 2018).
- Aviation accounted for 1.03 GtCO₂, or 3.1% of total global CO₂ emissions from fossil fuel combustion.
- 99.48 kg of greenhouse gas are emitted per kilogram of food product.
- 22 million tons of plastic leaked in the environment in 2019, and this estimate is projected to double by 2060.

A.8.23 Feedback

{b5_bias} Do you feel that this survey was left- or right-wing biased or unbiased?

- Left-wing biased
- Right-wing biased
- Unbiased