
User's Guide and Codebook
National Surveys on Energy and Environment (NSEE)

**National Surveys on Energy and Environment Public Use
Datasets:
Fall 2016**

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Summary

The National Surveys on Energy and Environment (NSEE), a core activity in CLOSUP's [Energy and Environmental Policy Initiative](#), reflects a formal partnership between the [Muhlenberg Institute of Public Opinion](#) at Muhlenberg College and the Center for Local, State, and Urban Policy at the University of Michigan's Gerald R. Ford School of Public Policy. NSEE surveys include twice per year national opinion surveys on issues directly related to climate change, as well as other surveys conducted on a range of topics such as hydraulic fracturing ("fracking"), the Great Lakes, and wider issues of energy and environment. NSEE is co-directed by professor [Barry Rabe](#) at the University of Michigan, and professor [Christopher Borick](#) at Muhlenberg College. For more information on the collaboration between the University of Michigan and Muhlenberg College, please see the recent article from [Muhlenberg Magazine](#). For more information about the NSEE, contact CLOSUP staff at 734-647-4091 or closup@umich.edu.

The Fall 2016 NSEE included longitudinal questions about belief in climate change, plus additional content related to a carbon tax, support for state and/or federal policies to address climate change, wind turbines, and more.

Methodology

Survey Methodology	
N	940 (210 Land Line & 730 Cell Phone)
Margin of Error	+/- 3.2%
Fielding Dates	October 13, 2016 - November 6, 2016
AAPOR RR3 Response Rate	11%
Data tables below are weighted by Gender, Age, Race, Income, and Education	

The results are based on a telephone survey of 940 adult (age 18 or older) residents of the United States between October 13 and November 6, 2016. Respondents were interviewed in English on both landlines (210) and cell phones (730) by the staff of the Muhlenberg College Institute of Public Opinion (MCIPO) in Allentown, Pennsylvania on the Institute's Computer Aided Telephone Interviewing (CATI) system. Both the landline and cell phone samples were provided by the Marketing Systems Group (MSG), Horsham, Pennsylvania. Both landline and cell phones were chosen randomly from sampling frames of United States landline and cell numbers provided by MSG.

With a randomly selected sample of 940 respondents the margin of error for the surveys is $\pm 3.2\%$ at a 95% level of confidence. Margins of error for questions with smaller sample sizes will be larger. In addition to sampling error, one should consider that question wording and other fielding issues can introduce error or bias into survey results. The sample data has been weighted by age, race, educational attainment, income and gender to reflect population parameters for these factors provided by the United States Census Bureau. The calculation of sampling error takes into account design effects due to the weighting identified above. In order to reach a representative sample of adult Americans both landlines and cell phones are called up to 10 times. The response rate for this survey as calculated using the American Association of Public Opinion Research (AAPOR) RR3 formula is 11%. The instrument was designed by Christopher Borick of Muhlenberg College, Barry Rabe of the University of Michigan, Sarah Mills of the University of Michigan, and Erick Lachapelle of the University of Montreal. For more detailed information on the methods employed please contact the MCIPO at 484-664-3444 or email Dr. Borick at cborick@muhlenberg.edu.

Funding and Financial Disclosure

Funding for the NSEE surveys has been provided by general revenues of the University of Michigan Center for Local, State, and Urban Policy, and the Muhlenberg College Institute of Public Opinion. The authors did not accept any stipend or supplemental income in the completion of the survey or the reports from this survey.

Variable Naming

Rather than using variables names based on question number, the NSEE datasets use a longitudinal variable naming scheme, to facilitate longitudinal analysis. Many questions have been asked in multiple waves of the NSEE, making it a valuable source of longitudinal public-opinion data on climate change and energy policy. Consult the [NSEE Crosswalk](#) to see which questions have been asked in prior and subsequent waves of the NSEE. Variable names include two parts, a subject category for the question, and a description of the contents of the question. When a question has been asked with the same text and response options over multiple waves, the same variable name will be used in each dataset. Where there have been slight changes in question wording, the variable name will include a version number (v1, v2, etc., appended to the variable name). In the single wave NSEE datasets, variables are listed in the order that they were asked.

LIST OF VARIABLES

Variable	Label
Respnum	Respondent Number
Sample	Sample Type
VersionQ3_4	Question 3-4 Placement
VersionQ33	Question 33 Version
demog_age_list	Age: by category
demog_state	State of residence
demog_state_region	States coded to regions
weather_pastsummer_v3	How would you describe the overall weather in your area this past summer
weather_pastwinter	How would you describe the overall weather in your area this past winter
gw_belief	Is there solid evidence avg temp on earth has been warming in past 4 decades
believer_confidence	How confident are you that the average temperature on earth is increasing
believer_cause	Is the earth warming because of human activity or natural patterns
believer_factor_open	Belief factor: primary factor OPEN ENDED
believer_factor_open_coded	Belief factor: primary factor OPEN ENDED coded
gw_concern	How concerned are you about the issue of global warming
gw_prevent	Can humans prevent further climate change
govt_fed_v2	Is the US partly responsible for taking action on climate change
govt_effectiveness_v2	Can governments be effective at preventing climate change
believer_factor_glaciers	Belief factor: Declining glaciers & polar ice
believer_factor_warmer	Belief factor: warmer temps in your area
believer_factor_hurricane	Belief factor: Strength of US hurricanes
believer_factor_mildwint	Belief factor: milder winters in your area
believer_factor_droughts	Belief factor: Severe droughts across US
believer_factor_extremes	Belief factor: Extreme weather
nonbeliever_confidence	How confident are you that the average temperature on earth is NOT increasing
nonbeliever_factor_open	Nonbelief factor: primary factor OPEN ENDED
nonbeliever_factor_open_coded	Nonbelief factor: primary factor OPEN ENDED coded
nonbeliever_factor_weath	Nonbelief factor: Personal observations of weather in area
nonbeliever_factor_scievid	Nonbelief factor: Scientific evidence disproves existence of GW
nonbeliever_factor_distort	Nonbelief Factor: Reports that scientists distort data about GW
carbontax_support	Is weather in the US getting more or less extreme
carbontax_cost10pct	Support for reducing GHG by taxing carbon based fuels
carbontax_revneutral_v1	Support for carbon fuels tax if it raised costs by \$10/month
carbontax_rev4research_v1	Support for carbon tax if revenue neutral
carbontax_rev4debt_v2	Support for carbon tax if revenues used for energy R&D
willing2pay_temprise_open	Support for carbon tax if revenues used to reduce national debt
willing2pay_temprise_coded	How much would you be willing to pay/month to prevent temperatures from rising
gw_techsolveprob	How much would you be willing to pay/month to prevent temps from

	rising-coded
gw_adapt	Technological innovations are going to solve the climate problem
state_rps_neighbr	My state's economy will be damaged if it has RPS while neighboring states don't
carbontax_price_nocost	Putting a price on carbon pollution
carbontax_price_8cpg	Putting a price on carbon pollution that would increase the price of gasoline by 8 cents per gallon
carbontax_price_42cpg	Putting a price on carbon pollution that would increase the price of gasoline by 42 cents per gallon
rps_support_v2	Requiring a set portion of all electricity to come from renewable energy sources such as wind or solar power.
vehicle_evrebate	Offering rebates to business and households that purchase electric vehicles
coalfpp_support_phaseout	Phasing out all coal-fired power plants
wind_noise	Wind turbines create noise pollution
wind_climate	Wind turbines help limit climate change
wind_visual	Wind turbines produce visual or aesthetic problems
wind_jobs	Wind turbines create jobs.
wind_propvalue	Wind turbines reduce nearby property values
wind_mycommunity	Support for wind turbines being placed in your community
coal_leavingground_v2	Change to amount of coal, oil, and gas that US removes from ground
willing2pay_list	How much would you be willing to pay/year for more renewable energy
demog_race	Race
demog_relig	Religious affiliation
demog_relig_evang	Religious affiliation: evangelical Christian
demog_edu	Highest level of education
demog_news	Primary source for national & world news
demog_polparty	Political party affiliation
demog_polviews	Political beliefs: conservative to liberal
demog_income	Family income
demog_gender	Gender: not asked; assessed by interviewer
Date_Time	Date and Time of Interview
Weight	Overall Weight

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Respnum - Respondent Number

Label

Respondent Number

Representation

Numeric

Role

input

Sample - Sample Type

Sample Type

C	Cell
L	Land

Role

input

VersionQ3_4 - Question 3-4 Placement

Question 3-4 Placement

Representation

A	Group A
B	Group B
C	Group C
D	Group D

Role

input

CODEBOOK NOTE:

This variable indicates whether the respondent was asked of Q3 (weather_pastsummer_v3) and Q4 (weather_pastwinter) before or after the climate change questions, as well as the order in which the two questions were asked.

VersionQ33 - Question 33 Version

Question 33 Version

Representation

A	33A
B	33B
C	33C

Role

input

CODEBOOK NOTE:

This variable indicates which version of Q33 (carbontax_price_nocost, carbontax_price_8cpg, or carbontax_price_42cpg) the respondent was asked.

demog_age_list – Age: by category

Age: by category

QUESTIONNAIRE TEXT: In which category does your current age fall?

1	18-29
2	30-44
3	45-64
4	65 and older
5	Refused but 18 or over
98	Not sure
99	Refused (terminate)

Role

input

demog_state - State of residence

State of residence

QUESTIONNAIRE TEXT: What state do you currently reside in?

Type

Text

Role

input

demog_state_region - States coded to regions

States coded to regions

1	Northeast
2	South
3	Midwest
4	West

Role

input

CODEBOOK NOTE:

States were coded into regions as follows:

Northeast (1)

ME,NH,VT,MA,RI,CT,NY,PA,NJ

South (2)

MD,DE,VA,NC,SC,GA,FL,WV,KY,TN,AL,MS,LA,AR,OK,TX,DC

Midwest (3)

OH,IN,IL,IA,WI,MN,MI,MO,NE,ND,SD,KS

West (4)

HI,AK,CA,OR,WA,MT,WY,CO,NM,AZ,UT,NV,ID

weather_pastsummer_v3 - How would you describe the overall weather in your area this past summer

How would you describe the overall weather in your area this past summer

QUESTIONNAIRE TEXT: In general how would you describe the overall weather in your area this past summer? Would you say it was:

1	A lot warmer than usual
2	Slightly warmer than usual
3	Slightly cooler than usual
4	A lot cooler than usual
5	About the same as usual
98	Not sure
99	Refused

Role

input

CODEBOOK NOTE:

weather_pastsummer_v3 and weather_pastwinter were asked as split samples. Respondents were randomly assigned to one of 4 samples: Sample A and Sample B were asked the questions before gw_belief, while Sample C and Sample D were asked the questions before carbontax_support. Sample A and Sample C were asked weather_pastsummer_v3 first and weather_pastwinter second, while Sample B and Sample D were asked weather_pastwinter first at weather_pastsummer_v3 second. The variable VersionQ3_4 indicates which sample the respondent was assigned to.

weather_pastwinter - How would you describe the overall weather in your area this past winter

How would you describe the overall weather in your area this past winter

QUESTIONNAIRE TEXT: In general how would you describe the overall weather in your area this past winter? Would you say it was:

1	A lot warmer than usual
2	Slightly warmer than usual
3	Slightly cooler than usual
4	A lot cooler than usual
5	About the same as usual
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

weather_pastsummer_v3 and weather_pastwinter were asked as split samples. Respondents were randomly assigned to one of 4 samples: Sample A and Sample B were asked the questions before gw_belief, while Sample C and Sample D were asked the questions before carbontax_support. Sample A and Sample C were asked weather_pastsummer_v3 first and weather_pastwinter second, while Sample B and Sample D were asked weather_pastwinter first at weather_pastsummer_v3 second. The variable VersionQ3_4 indicates which sample the respondent was assigned to.

gw_belief - Is there solid evidence avg temp on earth has been warming in past 4 decades

Is there solid evidence avg temp on earth has been warming in past 4 decades

QUESTIONNAIRE TEXT: Now I would like to ask you a few questions on the issue of global warming. From what you've read and heard. Is there solid evidence that the average temperature on earth has been getting warmer over the past four decades?

1	Yes
2	No
98	Not sure

99	Refused
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Role
input

believer_confidence - How confident are you that the average temperature on earth is increasing

How confident are you that the average temperature on earth is increasing

QUESTIONNAIRE TEXT: How confident are you that the average temperature on earth is increasing? Are you very confident, fairly confident, not too confident or not confident at all that the average temperature on earth is increasing?

-9	Not asked - not applicable
1	Very confident
2	Fairly confident
3	Not too confident
4	Not confident at all
98	Not sure
99	Refused

Role
input

SKIP PATTERN:

Not asked unless gw_belief=1

believer_cause - Is the earth warming because of human activity or natural patterns

Is the earth warming because of human activity or natural patterns

QUESTIONNAIRE TEXT: Is the earth getting warmer because of human activity such as burning fossil fuels, or mostly because of natural patterns in the earth's environment?

-9	Not asked - not applicable
1	Human activity
2	Natural patterns
3	A combination (volunteered)
98	Not sure
99	Refused

Role
input

SKIP PATTERN:

Not asked unless gw_belief=1

believer_factor_open - Belief factor: primary factor OPEN ENDED

Belief factor: primary factor OPEN ENDED

QUESTIONNAIRE TEXT: What is the primary factor that has caused you to believe that temperatures on earth are increasing?

Type
Text

Role
input

SKIP PATTERN:

Not asked unless gw_belief=1

believer_factor_open_coded - Belief factor: primary factor OPEN ENDED coded

Belief factor: primary factor OPEN ENDED coded

-9	Not asked - not applicable
1	Melting Glaciers
2	Warmer Temps Observed
3	Weather Change
4	Scientific Research
5	Gore Documentary
6	Media Coverage
7	Declining Species
8	Human Activity
9	Natural Patterns
10	Not Sure/Other
11	Ocean/sea-level rise
12	Religious factors
13	Population growth

14	Growing season/plants
99	Refused

Role

input

SKIP PATTERN:

believer_factor_open was not asked unless gw_belief=1

gw_concern - How concerned are you about the issue of global warming

How concerned are you about the issue of global warming

QUESTIONNAIRE TEXT: How concerned are you about the issue of global warming? Are you very concerned, somewhat concerned, not too concerned, or not concerned at all about the issue of global warming?

-9	Not asked – not applicable
1	Very concerned
2	Somewhat concerned
3	Not too concerned
4	Not concerned at all
98	Not sure
99	Refused

Role

input

SKIP PATTERN:

gw_concern was not asked unless gw_belief=1

gw_prevent - Can humans prevent further climate change

Label

Can humans prevent further climate change

QUESTIONNAIRE TEXT: Some people say that, with our best efforts, humans can prevent further climate change from happening. Others say that there is nothing humans can do to prevent further climate change from happening. Which comes closest to your view?

-9	Not asked - not applicable
1	Yes, with our best efforts
2	No
98	Not sure
99	Refused

Role
input

SKIP PATTERN:

gw_prevent was not asked unless gw_belief=1

govt_fed_v2 - Is the US partly responsible for taking action on climate change

Is the US partly responsible for taking action on climate change

QUESTIONNAIRE TEXT: Some people believe the United States is at least partly responsible for taking action to help prevent climate change from happening or from getting worse. Others believe the United States does not bear the responsibility for taking such action. Which of these positions best fit your view?

-9	Not asked - not applicable
1	The US is at least partly responsible
2	The US bears no responsibility
98	Not sure
99	Refused

Role
input

SKIP PATTERN:

govt_fed_v2 was not asked if gw_prevent=2

govt_effectiveness_v2 - Can governments be effective at preventing climate change

Can governments be effective at preventing climate change

QUESTIONNAIRE TEXT: And do you think governments can be effective at preventing climate change from happening, or not?

-9	Not asked - not applicable
1	Yes
2	No
98	Not sure
99	Refused

Role
input

believer_factor_glaciers - Belief factor: Declining glaciers & polar ice

Belief factor: Declining glaciers & polar ice

QUESTIONNAIRE TEXT: Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer: Declining glaciers and polar ice throughout the globe

-9	Not asked - not applicable
1	Very large
2	Somewhat large
3	Not too large
4	No effect
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

The order in which the believer_factor variables (excluding believer_factor_open) were asked was rotated.

SKIP PATTERN:

Not asked unless gw_belief=1

believer_factor_warmer - Belief factor: warmer temps in your area

Belief factor: warmer temps in your area

QUESTIONNAIRE TEXT: Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer: Warmer temperatures in your area during recent years

-9	Not asked - not applicable
1	Very large
2	Somewhat large
3	Not too large
4	No effect
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

The order in which the believer_factor variables (excluding believer_factor_open) were asked was rotated.

SKIP PATTERN:

not asked unless gw_belief=1

believer_factor_hurricane - Belief factor: Strength of US hurricanes

Belief factor: Strength of US hurricanes

QUESTIONNAIRE TEXT: Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer: The strength of hurricanes hitting the United States

-9	Not asked - not applicable
1	Very large
2	Somewhat large
3	Not too large
4	No effect
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

The order in which the believer_factor variables (excluding believer_factor_open) were asked was rotated.

SKIP PATTERN:

not asked unless gw_belief=1

believer_factor_mildwint - Belief factor: milder winters in your area

Belief factor: milder winters in your area

QUESTIONNAIRE TEXT: Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer: Milder winters in your area

-9	Not asked - not applicable
1	Very large
2	Somewhat large
3	Not too large
4	No effect
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

The order in which the believer_factor variables (excluding believer_factor_open) were asked was rotated.

SKIP PATTERN:

not asked unless gw_belief=1

believer_factor_droughts - Belief factor: Severe droughts across US

Belief factor: Severe droughts across US

QUESTIONNAIRE TEXT: Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer: Severe droughts in areas across the United States

-9	Not asked - not applicable
1	Very large
2	Somewhat large
3	Not too large
4	No effect
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

The order in which the believer_factor variables (excluding believer_factor_open) were asked was rotated.

SKIP PATTERN:

not asked unless gw_belief=1

believer_factor_extremes - Belief factor: Extreme weather

Belief factor: Extreme weather

QUESTIONNAIRE TEXT: Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer: Extreme weather events such as major storms and floods

-9	Not asked - not applicable
1	Very large
2	Somewhat large
3	Not too large
4	No effect
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

The order in which the believer_factor variables (excluding believer_factor_open) were asked was rotated.

SKIP PATTERN:

not asked unless gw_belief=1

nonbeliever_confidence - How confident are you that the average temperature on earth is NOT increasing

How confident are you that the average temperature on earth is NOT increasing

QUESTIONNAIRE TEXT: How confident are you that the average temperatures on earth are NOT increasing? Are you very confident, fairly confident, not too confident or not confident at all that the average temperature on earth is NOT increasing?

-9	Not asked - not applicable
1	Very confident
2	Fairly confident
3	Not too confident
4	Not confident at all
98	Not sure
99	Refused

Role
input

SKIP PATTERN:

not asked unless gw_belief=2

nonbeliever_factor_open - Nonbelief factor: primary factor OPEN ENDED

Nonbelief factor: primary factor OPEN ENDED

QUESTIONNAIRE TEXT: What is the primary factor that makes you believe that temperatures on earth are not increasing?

Type

Text

Role

input

SKIP PATTERN:

not asked unless gw_belief=2

nonbeliever_factor_open_coded - Nonbelief factor: primary factor OPEN ENDED coded

Nonbelief factor: primary factor OPEN ENDED coded

	-9 Not asked - not applicable
	1 Personal Observations
	2 Natural Patterns
	3 Lack of Evidence
	4 Media has Misled
	5 Evidence Disproves
	6 Religious Factors
	7 Political Factors
	8 No Particular Reason
	9 Not Sure/Other
	98 Not sure
	Refused
99	

Role

input

SKIP PATTERN:

nonbeliever_factor_open not asked unless gw_belief=2

nonbeliever_factor_weath - Nonbelief factor: Personal observations of weather in area

Nonbelief factor: Personal observations of weather in area

QUESTIONNAIRE TEXT: Next I would like to read you a list of factors that may or may not have had an effect on your view that global warming is NOT occurring. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that global warming is not occurring: Your personal observations of weather in your area

-9	Not asked - not applicable
1	Very large
2	Somewhat large
3	Not too large
4	No effect
98	Not sure
99	Refused

Role

input

CODEBOOK NOTE:

The order in which nonbeliever_factor variables (excluding nonbeliever_factor_open) were asked was rotated.

SKIP PATTERN:

not asked unless gw_belief=2

nonbeliever_factor_scievid - Nonbelief factor: Scientific evidence disproves existence of GW

Nonbelief factor: Scientific evidence disproves existence of GW

QUESTIONNAIRE TEXT: Next I would like to read you a list of factors that may or may not have had an effect on your view that global warming is NOT occurring. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that global warming is not occurring: Scientific evidence that disproves the existence of global warming.

-9	Not asked - not applicable
1	Very large
2	Somewhat large
3	Not too large
4	No effect

98	Not sure
99	Refused

Role

input

CODEBOOK NOTE:

The order in which nonbeliever_factor variables (excluding nonbeliever_factor_open) were asked was rotated.

SKIP PATTERN:

not asked unless gw_belief=2

nonbeliever_factor_distort - Nonbelief Factor: Reports that scientists distort data about GW

Nonbelief Factor: Reports that scientists distort data about GW

QUESTIONNAIRE TEXT: Next I would like to read you a list of factors that may or may not have had an effect on your view that global warming is NOT occurring. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that global warming is not occurring: Reports that climate scientists have distorted data to demonstrate that global warming is occurring.

-9	Not asked - not applicable
1	Very large
2	Somewhat large
3	Not too large
4	No effect
98	Not sure
99	Refused

Role

input

CODEBOOK NOTE:

The order in which nonbeliever_factor variables (excluding nonbeliever_factor_open) were asked was rotated.

SKIP PATTERN:

not asked unless gw_belief=2

carbontax_support - Support for reducing GHG by taxing carbon based fuels

Support for reducing GHG by taxing carbon based fuels

QUESTIONNAIRE TEXT: Next I would like to ask for your views on a number of ideas that have been proposed to reduce greenhouse gas emissions and stabilize the climate. Consider a policy to reduce greenhouse gases by taxing carbon based fuels such as coal, oil, and natural gas. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

1	Strongly support
2	Somewhat support
3	Somewhat oppose
4	Strongly oppose
98	Not sure
99	Refused

Role
input

carbontax_cost10pct - Support for carbon fuels tax if it raised costs by \$10/month

Support for carbon fuels tax if it raised costs by \$10/month

QUESTIONNAIRE TEXT: What if the carbon fuels tax significantly lowered greenhouse gases but increased your energy costs by 10 percent a month? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

1	Strongly support
2	Somewhat support
3	Somewhat oppose
4	Strongly oppose
98	Not sure
99	Refused

Role
input

carbontax_revneutral_v1 - Support for carbon tax if revenue neutral

Support for carbon tax if revenue neutral

QUESTIONNAIRE TEXT: What if the carbon fuels tax were “revenue neutral”, meaning that every dollar collected by the government would be returned to the public as an income tax rebate. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

1	Strongly support
---	------------------

2	Somewhat support
3	Somewhat oppose
4	Strongly oppose
98	Not sure
99	Refused

Role
input

carbontax_rev4research_v1 - Support for carbon tax if revenues used for energy R&D

Support for carbon tax if revenues used for energy R&D

QUESTIONNAIRE TEXT: What if revenues from the tax were used to fund research and development for renewable energy programs? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

1	Strongly support
2	Somewhat support
3	Somewhat oppose
4	Strongly oppose
98	Not sure
99	Refused

Role
input

carbontax_rev4debt_v2 - Support for carbon tax if revenues used to reduce national debt

Support for carbon tax if revenues used to reduce national debt

QUESTIONNAIRE TEXT: What if revenues from the tax were used to reduce the federal deficit? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

1	Strongly support
2	Somewhat support
3	Somewhat oppose
4	Strongly oppose
98	Not sure

99	Refused
----	---------

Role
input

willing2pay_temprise_open - How much would you be willing to pay/month to prevent temperatures from rising

How much would you be willing to pay/month to prevent temperatures from rising

QUESTIONNAIRE TEXT: If nothing is done to reduce greenhouse gas emissions, the average U.S. temperature is projected to increase by 4 to 11 degrees Fahrenheit by the year 2100. How much more per month for energy and gasoline would you be willing to pay to prevent temperatures from rising?

Type
Text

Role
input

willing2pay_temprise_coded - How much would you be willing to pay/month to prevent temps from rising-coded

How much would you be willing to pay/month to prevent temps from rising-coded

QUESTIONNAIRE TEXT:

1	None
2	1 to 50 dollars per month
3	51-100 dollars per month
4	101-250 dollars per month
5	251 to 500 dollars per month
6	Over 500 dollars per month
7	Non-numeric/Other
98	Not Sure
99	Refused

Role
input

CODEBOOK NOTE:

Open-ended responses to willing2pay_timeprise_open were coded into willing2pay_temprise_coded. Non-numeric responses to willing2pay_temprise_open were coded as 7 "Non-numeric/Other".

gw_techsolveprob - Technological innovations are going to solve the climate problem

Technological innovations are going to solve the climate problem

QUESTIONNAIRE TEXT: Please identify your level of agreement with the following statements. For each statement please indicate if you strongly agree, somewhat agree, somewhat disagree or strongly disagree. Technological innovations are going to solve the climate problem.

	1 Strongly Agree
	2 Somewhat Agree
	3 Somewhat Disagree
	4 Strongly Disagree
	98 Not Sure
	99 Refused

Role
input

gw_adapt - Instead of trying to stop GW from occurring we should focus on adapting

Instead of trying to stop GW from occurring we should focus on adapting

QUESTIONNAIRE TEXT: Please identify your level of agreement with the following statements. For each statement please indicate if you strongly agree, somewhat agree, somewhat disagree or strongly disagree. Instead of trying to stop global warming from occurring we should focus on adapting to a warmer climate.

	1 Strongly agree
	2 Somewhat agree
	3 Somewhat disagree
	4 Strongly disagree
	98 Not sure
	99 Refused

Role
input

state_rps_neighbr - My state's economy will be damaged if it has RPS while neighboring states don't

My state's economy will be damaged if it has RPS while neighboring states don't

QUESTIONNAIRE TEXT: Please identify your level of agreement with the following statements. For each statement please indicate if you strongly agree, somewhat agree, somewhat disagree or strongly disagree. My state's economy will be damaged if it requires greater use of renewable energy while neighboring states don't have such requirements.

1	Strongly agree
2	Somewhat agree
3	Somewhat disagree
4	Strongly disagree
98	Not sure
99	Refused

Role
input

carbontax_price_nocost - Putting a price on carbon pollution

Putting a price on carbon pollution

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how governments can reduce the emissions of greenhouse gases. For each of the following policy options I read please indicate if you strongly support, somewhat support, somewhat oppose, or strongly oppose that option. First ... Putting a price on carbon pollution

-9	Not asked - split sample
1	Strongly support
2	Somewhat support
3	Somewhat oppose
4	Strongly oppose
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

The carbontax_price question was asked as a split sample question. Respondents from sample A were asked carbontax_price_nocost, respondents from sample B were asked carbontax_price_8cpg, and respondents from sample C were asked carbontax_price_42cpg. The variable "VersionQ33" indicates which version of carbontax_price a respondent was asked. Respondents from sample B and C are coded as -9 "Not asked - split sample" for carbontax_price_nocost.

carbontax_price_8cpg - Putting a price on carbon pollution that would increase the price of gasoline by 8 cents per gallon

Putting a price on carbon pollution that would increase the price of gasoline by 8 cents per gallon

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how governments can reduce the emissions of greenhouse gases. For each of the following policy options I read please indicate if you strongly support, somewhat support, somewhat oppose, or strongly oppose that option. First ... Putting a price on carbon pollution that would increase the price of gasoline by 8 cents per gallon

-9	Not asked - split sample
1	Strongly support
2	Somewhat support
3	Somewhat oppose
4	Strongly oppose
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

The carbontax_price question was asked as a split sample question. Respondents from sample A were asked carbontax_price_nocost, respondents from sample B were asked carbontax_price_8cpg, and respondents from sample C were asked carbontax_price_42cpg. The variable "VersionQ33" indicates which version of carbontax_price a respondent was asked. Respondents from sample A and C are coded as -9 "Not asked – split sample" for carbontax_price_8cpg.

carbontax_price_42cpg - Putting a price on carbon pollution that would increase the price of gasoline by 42 cents per gallon

Putting a price on carbon pollution that would increase the price of gasoline by 42 cents per gallon

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how governments can reduce the emissions of greenhouse gases. For each of the following policy options I read please indicate if you strongly support, somewhat support, somewhat oppose, or strongly oppose that option. First ... Putting a price on carbon pollution that would increase the price of gasoline by 42 cents per gallon

-9	Not asked - split sample
1	Strongly support
2	Somewhat support
3	Somewhat oppose
4	Strongly oppose
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

The carbontax_price question was asked as a split sample question. Respondents from sample A were asked carbontax_price_nocost, respondents from sample B were asked carbontax_price_8cpg, and respondents from sample C were asked carbontax_price_42cpg. The variable “VersionQ33” indicates which version of carbontax_price a respondent was asked. Respondents from sample A and B are coded as -9 “Not asked – split sample” for carbontax_price_42cpg.

rps_support_v2 - Requiring a set portion of all electricity to come from renewable energy sources such as wind or solar power.

Requiring a set portion of all electricity to come from renewable energy sources such as wind or solar power.

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how governments can reduce the emissions of greenhouse gases. For each of the following policy options I read please indicate if you strongly support, somewhat support, somewhat oppose, or strongly oppose that option. Requiring a set portion of all electricity to come from renewable energy sources such as wind or solar power.

1	Strongly support
2	Somewhat support
3	Somewhat oppose
4	Strongly oppose
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

The order in which rps_support_v2, vehicle_evrebate, and coalfpp_support_phaseout were asked was rotated.

vehicle_evrebate - Offering rebates to business and households that purchase electric vehicles

Offering rebates to business and households that purchase electric vehicles

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how governments can reduce the emissions of greenhouse gases. For each of the following policy options I read please indicate if you strongly support, somewhat support, somewhat oppose, or strongly oppose that option. Offering rebates to business and households that purchase electric vehicles.

1	Strongly support
2	Somewhat support
3	Somewhat oppose

4	Strongly oppose
98	Not sure
99	Refused

Role

input

CODEBOOK NOTE:

The order in which rps_support_v2, vehicle_evrebate, and coalfpp_support_phaseout were asked was rotated.

coalfpp_support_phaseout - Phasing out all coal-fired power plants

Phasing out all coal-fired power plants

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how governments can reduce the emissions of greenhouse gases. For each of the following policy options I read please indicate if you strongly support, somewhat support, somewhat oppose, or strongly oppose that option. Phasing out all coal-fired power plants.

1	Strongly support
2	Somewhat support
3	Somewhat oppose
4	Strongly oppose
98	Not sure
99	Refused

Role

input

CODEBOOK NOTE:

The order in which rps_support_v2, vehicle_evrebate, and coalfpp_support_phaseout were asked was rotated.

wind_noise - Wind turbines create noise pollution

Wind turbines create noise pollution

QUESTIONNAIRE TEXT: Next I have a few questions about wind energy. For each of the following statements I read about the impacts of wind turbines, please tell me whether you strongly agree, somewhat agree, somewhat disagree or strongly disagree with the statement. Wind turbines create noise pollution.

1	Strongly agree
2	Somewhat agree
3	Somewhat disagree
4	Strongly disagree
98	Not sure

99	Refused
----	---------

Role
input

wind_climate - Wind turbines help limit climate change

Wind turbines help limit climate change

QUESTIONNAIRE TEXT: Next I have a few questions about wind energy. For each of the following statements I read about the impacts of wind turbines, please tell me whether you strongly agree, somewhat agree, somewhat disagree or strongly disagree with the statement. Wind turbines help limit climate change.

1	Strongly agree
2	Somewhat agree
3	Somewhat disagree
4	Strongly disagree
98	Not sure
99	Refused

Role
input

wind_visual - Wind turbines produce visual or aesthetic problems

Wind turbines produce visual or aesthetic problems

QUESTIONNAIRE TEXT: Next I have a few questions about wind energy. For each of the following statements I read about the impacts of wind turbines, please tell me whether you strongly agree, somewhat agree, somewhat disagree or strongly disagree with the statement. Wind turbines produce visual or aesthetic problems.

1	Strongly agree
2	Somewhat agree
3	Somewhat disagree
4	Strongly disagree
98	Not sure
99	Refused

Role
input

wind_jobs - Wind turbines create jobs.

Wind turbines create jobs.

QUESTIONNAIRE TEXT: Next I have a few questions about wind energy. For each of the following statements I read about the impacts of wind turbines, please tell me whether you strongly agree, somewhat agree, somewhat disagree or strongly disagree with the statement. Wind turbines create jobs.

	1 Strongly agree
	2 Somewhat agree
	3 Somewhat disagree
	4 Strongly disagree
	98 Not sure
	99 Refused

Role
input

wind_propvalue - Wind turbines reduce nearby property values

Wind turbines reduce nearby property values

QUESTIONNAIRE TEXT: Next I have a few questions about wind energy. For each of the following statements I read about the impacts of wind turbines, please tell me whether you strongly agree, somewhat agree, somewhat disagree or strongly disagree with the statement. Wind turbines reduce nearby property values.

	1 Strongly agree
	2 Somewhat agree
	3 Somewhat disagree
	4 Strongly disagree
	98 Not sure
	99 Refused

Role
input

wind_mycommunity - Support for wind turbines being placed in your community

Support for wind turbines being placed in your community

QUESTIONNAIRE TEXT: Assuming there were suitable locations for them, would you strongly support, somewhat support, somewhat oppose or strongly oppose wind turbines being placed in your community?

1	Strongly support
2	Somewhat support
3	Somewhat oppose
4	Strongly oppose
98	Not sure
99	Refused

Role
input

coal_leavinground_v2 - Change to amount of coal, oil, and gas that US removes from ground

Change to amount of coal, oil, and gas that US removes from ground

QUESTIONNAIRE TEXT: Recently, some people have suggested the idea that only a certain amount of the coal, oil, and gas in the ground can be used if we are to keep a stable climate. Others say the world needs reliable and affordable energy, and so we need to use coal, oil, and gas. Do you think the U.S. should increase, decrease, or make no changes to the amount of coal, oil, and gas that it removes from the ground?

1	Increase
2	Decrease
3	Make no changes
98	Not sure
99	Refused

Role
input

willing2pay_list - How much would you be willing to pay/year for more renewable energy

How much would you be willing to pay/year for more renewable energy

QUESTIONNAIRE TEXT: If it required you to pay extra money each year in order for more renewable energy to be produced, how much would you be willing to pay? Would you be willing to pay...

1	Nothing
2	\$1-\$50 per year
3	\$50-\$100 per year

4	\$100-\$250 per year
5	\$250-\$500 per year
6	Over \$500 per year
98	Not sure
99	Refused

Role
input

demog_race - Race

Race

QUESTIONNAIRE TEXT: Finally a few questions about yourself. Which of the following categories best describes your racial identity? Are you...

1	White/Caucasian
2	African-American
3	Hispanic
4	Latino
5	Asian
6	Native American
7	Mixed race
8	Other
9	Hispanic/Latino
10	Mixed race and other

Role
input

CODEBOOK NOTE:

In order to protect respondent confidentiality, CLOSUP recoded demog_race as follows:

- 3 "Hispanic" and 4 "Latino" were combined into 9 "Hispanic/Latino"
- 6 "Native American", 7 "Mixed race", and 8 "Other" were combined into 10 "Mixed race and other".

The original values of demog_race are not available to secondary data users.

demog_relig - Religious affiliation

Religious affiliation

QUESTIONNAIRE TEXT: Which of the following categories best describes your religious affiliation? Are you...

1	Protestant
2	Catholic
3	Jewish
4	Muslim
5	Hindu
6	Other
7	Atheist
98	Not sure
99	Refused

Role
input

demog_relig_evang - Religious affiliation: evangelical Christian

Religious affiliation: evangelical Christian

QUESTIONNAIRE TEXT: Would you describe yourself as an evangelical Christian?

-9	Not asked - not applicable
1	Yes
2	No
98	Not sure
99	Refused

Role
input

SKIP PATTERN:

not asked unless demog_relig=1

demog_edu - Highest level of education

Highest level of education

QUESTIONNAIRE TEXT: What is your highest level of education?

1	Less than HS graduate
2	HS Graduate
3	Some college or technical school
4	College graduate
5	Grad or professional degree
98	Not sure

99	Refused
----	---------

Role
input

demog_news - Primary source for national & world news

Primary source for national & world news

QUESTIONNAIRE TEXT: Which of the following is your primary source for national and world news?

1	Television
2	Newspapers
3	Talk radio programs
4	Radio news programs
5	The internet
6	Other
98	Not sure
99	Refused

Role
input

demog_polparty - Political party affiliation

Political party affiliation

QUESTIONNAIRE TEXT: Which of the following best describes your political party affiliation?

1	Democrat
2	Republican
3	Other party
4	Independent
98	Not sure
99	Refused

Role
input

demog_polviews - Political beliefs: conservative to liberal

Political beliefs: conservative to liberal

QUESTIONNAIRE TEXT: Which of the following best describes your political beliefs?

1	Very conservative
2	Somewhat conservative
3	Moderate
4	Somewhat liberal
5	Very liberal
98	Not sure
99	Refused

Role
input

demog_income - Family income

Family income

QUESTIONNAIRE TEXT: Which of the following categories best describes your family income? Is it...

1	Less than 20,000
2	20,000-40,000
3	40,000-60,000
4	60,000 - 80,000
5	80,000-100,000
6	Over 100,000
98	Not sure
99	Refused

Role
input

demog_gender - Gender: not asked; assessed by interviewer

Gender: not asked; assessed by interviewer

1	Male
2	Female
98	Not sure
99	Refused

Role
input

Date_Time - Date and Time of Interview

Date and Time of Interview

Type

Text

Role

input

Weight - Overall Weight

Overall Weight

Representation

Numeric

Decimal Positions

2

Role

input

CODEBOOK NOTE:

The data has been weighted by age, race, educational attainment, income and gender.

National Surveys on Energy and the Environment (NSEE)
Fall 2016
FINAL INSTRUMENT

Hello. My name is _____ and I'm a student at Muhlenberg College. We are conducting a research project regarding environmental issues in the United States. Would you be able to help us by answering a few questions?

Yes.....1
No.....2 (Thank and terminate)
Not sure.....98 (Thank and terminate)
Refused.....99 (Thank and terminate)

Q1. Thank you. In which category does your current age fall? (READ LIST)

18-34.....1
35-49.....2
50-64.....3
65 and older.....4
Not Sure (Volunteered).....98
Refused (Volunteered).....99

Q2. What state do you currently reside in?

(OPEN) _____

4-WAY SPLIT SAMPLE – SAMPLE A & B get Q3-Q4 here; SAMPLE C & D get these questions after Q23; in both places, randomization of whether they are asked about winter or summer first (SAMPLE A&C asked summer first; SAMPLE B&D asked winter first)

[SAMPLE A ONLY]

Q3A. In general how would you describe the overall weather in your area this past summer? Would you say it was:

A LOT warmer than usual.....1
SLIGHTLY warmer than usual2
SLIGHTLY cooler than usual3
A LOT cooler than usual4
Or about the same as usual?5
Not sure (Volunteered).....98
Refused (Volunteered)99

Q4A. Now thinking back to last winter how would you describe the overall weather in your area. Would you say the weather last winter was:

A LOT warmer than usual.....1

SLIGHTLY warmer than usual	2
SLIGHTLY cooler than usual	3
A LOT cooler than usual	4
Or about the same as usual?	5
Not sure (Volunteered)	98
Refused (Volunteered)	99

[SAMPLE B ONLY]

Q3B. In general how would you describe the overall weather in your area this past winter? Would you say it was:

A LOT warmer than usual	1
SLIGHTLY warmer than usual	2
SLIGHTLY cooler than usual	3
A LOT cooler than usual	4
Or about the same as usual?	5
Not sure (Volunteered)	98
Refused (Volunteered)	99

Q4B. Now thinking back to last summer how would you describe the overall weather in your area. Would you say the weather last summer was:

A LOT warmer than usual	1
SLIGHTLY warmer than usual	2
SLIGHTLY cooler than usual	3
A LOT cooler than usual	4
Or about the same as usual?	5
Not sure (Volunteered)	98
Refused (Volunteered)	99

(END SPLIT SAMPLE – ALL RESPONDENTS)

Q5. Next, I would like to ask you a few questions on the issue of global warming. From what you've read and heard. Is there solid evidence that the average temperature on earth has been getting warmer over the past four decades?

Yes	1
No	2 (SKIP TO Q18)
Not Sure (Volunteered)	98 (SKIP TO Q24 for sample A/B; Q3C/D for others)
Refused (Volunteered)	99 (SKIP TO Q24 for sample A/B; Q3C/D for others)

Q6. How confident are you that the average temperature on earth is increasing? Are you very confident, fairly confident, not too confident or not confident at all that the average temperature on earth is increasing?

Very confident1
 Fairly confident2
 Not too confident3
 Not confident at all4
 Not Sure (Volunteered)98
 Refused (Volunteered)99

Q7. Is the earth getting warmer because of human activity such as burning fossil fuels, or mostly because of natural patterns in the earth's environment?

Human activity1
 Natural patterns2
 A combination (Volunteered)3
 Not Sure (Volunteered)98
 Refused (Volunteered)99

Q8. What is the primary factor that has caused you to believe that temperatures on earth are increasing?

(OPEN)_____

Q9. How concerned are you about the issue of global warming? Are you very concerned, somewhat concerned, not too concerned, or not concerned at all about the issue of global warming?

Very concerned1
 Somewhat concerned2
 Not too concerned3
 Not concerned at all4
 Not Sure (Volunteered)98
 Refused (Volunteered)99

Q10. Some people say that, with our best efforts, humans can prevent further climate change from happening. Others say that there is nothing humans can do to prevent further climate change from happening. Which comes closest to your view?

With our best efforts, humans can prevent further climate change
 from happening1
 There is nothing humans can do to prevent further climate
 change from happening2 (Skip to Q12)
 Not Sure (Volunteered)98
 Refused (Volunteered)99

Q11. Some people believe the United States is *at least partly responsible* for taking action to help prevent climate change from happening or from getting worse. Others believe *the United States does not bear the responsibility* for taking such action. Which of these positions best fit your view?

The United States is at least partly responsible for taking action on climate change.....1
 The United States bears no responsibility for taking action on climate change.....2
 Not Sure (Volunteered)98
 Refused (Volunteered)99

Q12. And do you think governments can be effective at preventing climate change from happening, or not?

Yes.....1
 No.....2
 Not Sure (Volunteered)..... 98
 Refused (Volunteered).....99

Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer. First,
[ROTATED LIST]

	Very Large	Somewhat Large	Not Too Large	No Effect	Not Sure (Volunteered)	Refused (Volunteered)
Q13. Declining glaciers and polar ice throughout the globe	1	2	3	4	98	99
Q14. Warmer temperatures in your area during recent years	1	2	3	4	98	99
Q15. The strength of hurricanes hitting the United States	1	2	3	4	98	99
Q16. Milder winters in your area	1	2	3	4	98	99
Q17. Severe droughts in areas across the United States	1	2	3	4	98	99
Q18. Extreme weather events such as major storms and floods	1	2	3	4	98	99

*****SKIP TO Q24 FOR SAMPLE A/B; TO Q3C FOR SAMPLE C; TO Q3D FOR SAMPLE D*****

ONLY THOSE WHO ANSWERED “NO” IN Q5 (i.e., do not believe temperatures are increasing)

Q19. How confident are you that the average temperatures on earth are NOT increasing? Are you very confident, fairly confident, not too confident or not confident at all that the average temperature on earth is NOT increasing?

Very confident1
 Fairly confident2
 Not too confident3
 Not confident at all4
 Not Sure (Volunteered)98
 Refused (Volunteered)99

Q20. What is the primary factor that makes you believe that temperatures on earth are not increasing?

(OPEN) _____

Next I would like to read you a list of factors that may or may not have had an effect on your view that global warming is NOT occurring. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that global warming is NOT occurring. First, **[ROTATED LIST]**

	Very Large	Somewhat Large	Not Too Large	No Effect	Not Sure (Volunteered)	Refused (Volunteered)
Q21. Your personal observations of weather in your area	1	2	3	4	98	99
Q22. Scientific evidence that disproves the existence of global warming	1	2	3	4	98	99
Q23. Reports that climate scientists have distorted data to demonstrate that global warming is occurring	1	2	3	4	98	99

*****SKIP TO Q24 FOR SAMPLE A/B; SAMPLE C/D CONTINUES WITH Q3B*****

[SAMPLE C ONLY]

Q3C. In general how would you describe the overall weather in your area this past summer? Would you say it was:

A LOT warmer than usual	1
SLIGHTLY warmer than usual	2
SLIGHTLY cooler than usual	3
A LOT cooler than usual	4
Or about the same as usual?	5
Not sure (Volunteered)	98
Refused (Volunteered)	99

Q4C. Now thinking back to last winter how would you describe the overall weather in your area. Would you say the weather last winter was:

A LOT warmer than usual	1
SLIGHTLY warmer than usual	2
SLIGHTLY cooler than usual	3
A LOT cooler than usual	4
Or about the same as usual?	5
Not sure (Volunteered)	98
Refused (Volunteered)	99

[SAMPLE D ONLY]

Q3D. In general how would you describe the overall weather in your area this past winter? Would you say it was:

A LOT warmer than usual	1
SLIGHTLY warmer than usual	2
SLIGHTLY cooler than usual	3
A LOT cooler than usual	4
Or about the same as usual?	5
Not sure (Volunteered)	98
Refused (Volunteered)	99

Q4D. Now thinking back to last summer how would you describe the overall weather in your area. Would you say the weather last summer was:

A LOT warmer than usual	1
SLIGHTLY warmer than usual	2
SLIGHTLY cooler than usual	3
A LOT cooler than usual	4
Or about the same as usual?	5
Not sure (Volunteered)	98
Refused (Volunteered)	99

*****FULL SAMPLE*****

Q24. Next I would like to ask for your views on a number of ideas that have been proposed to reduce greenhouse gas emissions and stabilize the climate. Consider a policy to reduce greenhouse gases by taxing carbon based fuels such as coal, oil, and natural gas. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

Strongly Support.....1
Somewhat Support2
Somewhat Oppose3
Strongly Oppose4
Not Sure (Volunteered)98
Refused (Volunteered)99

Q25. What if the carbon fuels tax significantly lowered greenhouse gases but increased your energy costs by 10 percent a month? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

Strongly Support.....1
Somewhat Support2
Somewhat Oppose3
Strongly Oppose4
Not Sure (Volunteered)98
Refused (Volunteered)99

Q26. What if the carbon fuels tax were “revenue neutral”, meaning that every dollar collected by the government would be returned to the public as an income tax rebate. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

Strongly Support.....1
Somewhat Support2
Somewhat Oppose3
Strongly Oppose4
Not Sure (Volunteered)98
Refused (Volunteered)99

Q27. What if revenues from the tax were used to fund research and development for renewable energy programs? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

Strongly Support.....1
Somewhat Support2
Somewhat Oppose3
Strongly Oppose4
Not Sure (Volunteered)98
Refused (Volunteered)99

Q28. What if revenues from the tax were used to reduce the federal deficit? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

Strongly Support.....1
 Somewhat Support2
 Somewhat Oppose3
 Strongly Oppose4
 Not Sure (Volunteered)98
 Refused (Volunteered)99

Q29. If nothing is done to reduce greenhouse gas emissions, the average U.S. temperature is projected to increase by 4 to 11 degrees Fahrenheit by the year 2100. How much more per month for energy and gasoline would you be willing to pay to prevent temperatures from rising?

(OPEN) _____

Please identify your level of agreement with the following statements. For each statement please indicate if you strongly agree, somewhat agree, somewhat disagree or strongly disagree. First,

	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree	Not Sure (Volunteered)	Refused (Volunteered)
Q30. Technological innovations are going to solve the climate problem.	1	2	3	4	98	99
Q31. Instead of trying to stop global warming from occurring we should focus on adapting to a warmer climate.	1	2	3	4	98	99
Q32. My state's economy will be damaged if it requires greater use of renewable energy while neighboring states don't have such requirements.	1	2	3	4	98	99

There have been a number of ideas proposed for how governments can reduce the emissions of greenhouse gases. For each of the following policy options I read please indicate if you strongly support, somewhat support, somewhat oppose, or strongly oppose that option. First...

[SPLIT SAMPLE]

Q33A. Putting a price on carbon pollution

Q33B. Putting a price on carbon pollution that would increase the price of gasoline by 8 cents per gallon

Q33C. Putting a price on carbon pollution that would increase the price of gasoline by 42 cents per gallon

Strongly Support.....1
 Somewhat Support2
 Somewhat Oppose3
 Strongly Oppose4
 Not Sure (Volunteered)98
 Refused (Volunteered)99

Next, **[RANDOMIZE]**

	Strongly Support	Somewhat Support	Somewhat Oppose	Strongly Oppose	Not Sure (Volunteered)	Refused (Volunteered)
Q34. Requiring a set portion of all electricity to come from renewable energy sources such as wind or solar power.	1	2	3	4	98	99
Q35. Offering rebates to business and households that purchase electric vehicles.	1	2	3	4	98	99
Q36. Phasing out all coal-fired power plants.	1	2	3	4	98	99

Next I have a few questions about wind energy. For each of the following statements I read about the impacts of wind turbines, please tell me whether you strongly agree, somewhat agree, somewhat disagree or strongly disagree with the statement.

	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree	Not Sure (Volunteered)	Refused (Volunteered)
Q37. Wind turbines create noise pollution.	1	2	3	4	98	99
Q38. Wind turbines help limit climate change.	1	2	3	4	98	99
Q39. Wind turbines produce visual or aesthetic problems.	1	2	3	4	98	99
Q40. Wind turbines create jobs.	1	2	3	4	98	99
Q41. Wind turbines reduce nearby property values.	1	2	3	4	98	99

Q42. Assuming there were suitable locations for them, would you strongly support, somewhat support, somewhat oppose or strongly oppose wind turbines being placed in your community?

Strongly Support.....1
Somewhat Support2
Somewhat Oppose3
Strongly Oppose4
Not Sure (Volunteered)98
Refused (Volunteered)99

Q43. Recently, some people have suggested the idea that only a certain amount of the coal, oil, and gas in the ground can be used if we are to keep a stable climate. Others say the world needs reliable and affordable energy, and so we need to use coal, oil, and gas.

Do you think the U.S. should increase, decrease, or make no changes to the amount of coal, oil, and gas that it removes from the ground?

Increase.....1
Decrease2
Make no changes3
Not Sure (Volunteered)98
Refused (Volunteered)99

Q44. If it required you to pay extra money each year in order for more renewable energy to be produced, how much would you be willing to pay? Would you be willing to pay... **[READ LIST]**

Nothing each year.....	1
1 to 50 dollars per year.....	2
50 to 100 dollars a year.....	3
100 to 250 dollars a year.....	4
250 to 500 dollars a year.....	5
or over 500 dollars a year.....	6
Not sure (Volunteered).....	98
Refused (Volunteered).....	99

Q45. Finally a few questions about yourself. Which of the following categories best describes your racial identity? Are you... **[READ LIST]**

White/Caucasian.....	1
African-American.....	2
Hispanic.....	3
Latino	4
Asian.....	5
Native American.....	6
Mixed race	7
Other	8
Not sure (Volunteered).....	98
Refused (Volunteered)	99

Q46. Which of the following categories best describes your religious affiliation? Are you... **[READ LIST]**

Protestant	1	
Catholic	2	(SKIP TO Q48)
Jewish	3	(SKIP TO Q48)
Muslim.....	4	(SKIP TO Q48)
Hindu	5	(SKIP TO Q48)
Other Religion (Including agnostic).....	6	(SKIP TO Q48)
or Atheist	7	(SKIP TO Q48)
Not sure (Volunteered).....	98	(SKIP TO Q48)
Refused (Volunteered)	99	(SKIP TO Q48)

Q47. Would you describe yourself as an evangelical Christian?

Yes.....	1
No	2
Not sure (Volunteered).....	98
Refused (Volunteered)	99

Q48. What is your highest level of education? **[READ LIST]**

Less than high school graduate	1
High school graduate.....	2
Some college or technical school	3
College graduate.....	4
Graduate or professional degree.....	5
Not sure (Volunteered).....	98
Refused (Volunteered)	99

Q49. Which of the following is your primary source for national and world news? **[READ LIST]**

Television	1
Newspapers	2
Talk radio programs	3
Radio news programs	4
The internet.....	5
Other (Volunteered)	6
Not sure (Volunteered).....	98
Refused (Volunteered)	99

Q50. Which of the following best describes your political party affiliation? **[READ LIST]**

Democrat	1
Republican.....	2
Other party.....	3
Independent	4
Not sure (Volunteered).....	98
Refused (Volunteered)	99

Q51. Which of the following best describes your political beliefs? **[READ LIST]**

Very Conservative	1
Somewhat Conservative	2
Moderate.....	3
Somewhat Liberal.....	4
Very Liberal	5
Not sure (Volunteered).....	98
Refused (Volunteered)	99

Q52. Which of the following categories best describes your family income? Is it... **[READ LIST]**

Less than 20,000.....	1
20,000-40,000.....	2
40,000-60,000.....	3
60,000-80,000.....	4
80,000-100,000.....	5
Over 100,000	6
Not sure (Volunteered).....	98
Refused (Volunteered)	99

Q53. Finally, what is the zip code of your current residence?

(Response) _____

Q54. Thank you for your help with the survey. We appreciate your time. **[DO NOT ASK!]**

Male.....	1
Female	2
Not Sure	98

The National Surveys on Energy and Environment (NSEE) Fall 2016 Data Tables

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Survey Methodology	
N	940 (210 Land Line & 730 Cell Phone)
Margin of Error	+/- 3.2%
Fielding Dates	October 13, 2016 - November 6, 2016
AAPOR RR3 Response Rate	11%
Data tables below are weighted by Gender, Age, Race, Income, and Education	

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Hello. My name is _____ and I'm a student at Muhlenberg College. We are conducting a research project regarding environmental issues in the United States. Would you be able to help us by answering a few questions?

Q1. Thank you. In which category does your current age fall? [READ LIST]

		Total
Thank you. In which category does your current age fall? [READ LIST]	18-29	25%
	30-44	26%
	45-64	28%

		Total
	65 and older	20%
	Refused, but stated they are 18 or over	<1%
	N	940

*Columns may not sum to 100% due to rounding within cells.

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Q2. What state do you currently reside in? [CODED INTO REGIONS]

		Total
What state do you currently reside in? [CODED INTO REGIONS]	Northeast	16%
	South	37%
	Midwest	25%
	West	22%
	N	940

*Columns may not sum to 100% due to rounding within cells.

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Note: Questions 3 and 4 below were asked of respondents at two different places in the survey, and in two different orders. Samples A and B received these questions after Question 2. Samples C and D received these questions after Question 23. Samples A and C were asked about summer weather first. Samples B and D were asked about winter weather first.

Q3. In general how would you describe the overall weather in your area this past summer? Would you say it was: [SPLIT SAMPLE]

		Sample A	Sample B	Sample C	Sample D	Total
In general how would you describe the overall weather in your area this past summer? Would you say it was: [SPLIT SAMPLE]	A lot warmer than usual	28%	32%	20%	29%	27%
	Slightly warmer than usual	26%	23%	32%	35%	29%
	Slightly cooler than usual	13%	9%	11%	6%	10%
	A lot cooler than usual	<1%	3%	<1%	1%	1%
	About the same as usual	31%	32%	34%	27%	31%
	Not Sure (Volunteered)	1%	1%	2%	3%	2%
	N	232	239	236	233	940

*Columns may not sum to 100% due to rounding within cells.

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Q4. Now thinking back to last winter how would you describe the overall weather in your area. Would you say the weather last winter was: [SPLIT SAMPLE]

--

		Sample A	Sample B	Sample C	Sample D	Total
Now thinking back to last winter how would you describe the overall weather in your area. Would you say the weather last winter was: [SPLIT SAMPLE]	A lot warmer than usual	14%	18%	16%	13%	15%
	Slightly warmer than usual	40%	29%	32%	32%	33%
	Slightly cooler than usual	12%	10%	13%	16%	13%
	A lot cooler than usual	8%	6%	7%	7%	7%
	About the same as usual	26%	35%	29%	29%	30%
	Not Sure (Volunteered)	1%	2%	3%	3%	2%
	N	232	238	235	234	939

*Columns may not sum to 100% due to rounding within cells.

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Q5. Next, I would like to ask you a few questions on the issue of global warming. From what you've read and heard. Is there solid evidence that the average temperature on earth has been getting warmer over the past four decades?

		Total
Next, I would like to ask you a few questions on the issue of global warming. From what you've read and heard. Is there solid evidence that the average temperature on earth has been getting warmer over the past four decades?	Yes	70%
	No	17%
	Not Sure (Volunteered)	13%
	N	940

*Columns may not sum to 100% due to rounding within cells.

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Q6. How confident are you that the average temperature on earth is increasing? Are you very confident, fairly confident, not too confident or not confident at all that the average temperature on earth is increasing?

		Total
How confident are you that the average temperature on earth is increasing? Are you very confident, fairly confident, not too confident or not confident at all that the average temperature on earth is increasing? (Among those who said there is solid evidence of global warming)	Very Confident	71%
	Fairly Confident	25%
	Not Too Confident	4%
	Not Confident At All	1%
	Not Sure (Volunteered)	<1%
	N	659

*Columns may not sum to 100% due to rounding within cells.

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Q7. Is the earth getting warmer because of human activity such as burning fossil fuels, or mostly because of natural patterns in the earth's environment?

	Total
--	-------

Is the earth getting warmer because of human activity such as burning fossil fuels, or mostly because of natural patterns in the earth's environment? (Among those who said there is solid evidence of global warming)	Human Activity	41%
	Natural Patterns	22%
	A Combination (Volunteered)	31%
	Not Sure (Volunteered)	6%
	N	659

*Columns may not sum to 100% due to rounding within cells.

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Q8. What is the primary factor that has caused you to believe that temperatures on earth are increasing? [Coded open-end response]

		Total
What is the primary factor that has caused you to believe that temperatures on earth are increasing? (Among those who said there is solid evidence of global warming) [Coded open-end response]	Declining Glaciers and Polar Ice	8%
	Warmer Temperatures Observed	21%
	Weather Changes	15%
	Scientific Research/Data	11%
	Media Coverage	7%
	Declining Species	0%
	Human Activity	21%
	Natural Patterns	5%
	Ocean / Sea-level Rise	2%
	Religious Factors	<1%
	Population Growth	1%
	Growing Season / Plants	0%
	Not Sure/Other	10%
	N	659

*Columns may not sum to 100% due to rounding within cells.

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Q9. How concerned are you about the issue of global warming? Are you very concerned, somewhat concerned, not too concerned, or not concerned at all about the issue of global warming?

		Total
How concerned are you about the issue of global warming? Are you very concerned, somewhat concerned, not too concerned, or not concerned at all about the issue of global warming? (Among those who said there is solid evidence of global warming)	Very Concerned	43%
	Somewhat Concerned	38%
	Not Too Concerned	15%
	Not Concerned At All	5%
	Not Sure (Volunteered)	<1%
	N	659

*Columns may not sum to 100% due to rounding within cells.

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Q10. Some people say that, with our best efforts, humans can prevent further climate change from happening. Others say that there is nothing humans can do to prevent further climate change from happening. Which comes closest to your view?

		Total
Some people say that, with our best efforts, humans can prevent further climate change from happening. Others say that there is nothing humans can do to prevent further climate change from happening. Which comes closest to your view? (Among those who said there is solid evidence of global warming)	With our best efforts, humans can prevent further climate change from happening	75%
	There is nothing humans can do to prevent further climate change from happening	21%
	Not Sure (Volunteered)	4%
	N	659

**Columns may not sum to 100% due to rounding within cells.*

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Q11. Some people believe the United States is at least partly responsible for taking action to help prevent climate change from happening or from getting worse. Others believe the United States does not bear the responsibility for taking such action. Which of these positions best fit your view?

		Total
Some people believe the United States is at least partly responsible for taking action to help prevent climate change from happening or from getting worse. Others believe the United States does not bear the responsibility for taking such action. Which of these positions best fit your view? (Among those who said there is solid evidence of global warming but do not think there is nothing humans can do to further prevent climate change)	The United States is at least partly responsible for taking action on climate change	85%
	The United States bears no responsibility for taking action on climate change	9%
	Not Sure (Volunteered)	6%
	N	521

**Columns may not sum to 100% due to rounding within cells.*

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Q12. And do you think governments can be effective at preventing climate change from happening, or not?

		Total
And do you think governments can be effective at preventing climate change from happening, or not? (Among those who said there is solid evidence of global warming)	Yes	68%
	No	27%
	Not Sure (Volunteered)	6%
	N	659

**Columns may not sum to 100% due to rounding within cells.*

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Q13-18. Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer. [ROTATED LIST]

		Declining glaciers and polar ice throughout the globe	Warmer temperatures in your area during recent years	The strength of hurricanes hitting the United States	Milder winters in your area	Severe droughts in areas across the United States	Extreme weather events such as major storms and floods
Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer. (Among those who said there is solid evidence of global warming) [ROTATED LIST]	Very Large	62%	43%	34%	28%	38%	48%
	Somewhat Large	26%	36%	39%	35%	40%	33%
	Not Too Large	6%	11%	14%	21%	11%	11%
	No Effect	5%	8%	10%	14%	8%	8%
	Not Sure (Volunteered)	1%	2%	4%	2%	3%	1%
	N	659	659	659	659	659	659

**Columns may not sum to 100% due to rounding within cells.*

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Q19. How confident are you that the average temperatures on earth are not increasing? Are you very confident, fairly confident, not too confident, or not confident at all that the average temperature on earth is not increasing?

		Total
How confident are you that the average temperatures on earth are not increasing? Are you very confident, fairly confident, not too confident or not confident at all that the average temperature on earth is not increasing? (Among those who said there is not solid evidence of global warming)	Very Confident	56%
	Fairly Confident	28%
	Not Too Confident	12%
	Not Confident At All	4%
	Not Sure (Volunteered)	1%
	N	157

**Columns may not sum to 100% due to rounding within cells.*

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Q20. What is the primary factor that makes you believe that temperatures on earth are not increasing? [Coded open-end response]

		Total
What is the primary factor that makes you believe that temperatures on	Personal Observations	25%

earth are not increasing? (Among those who said there is not solid evidence of global warming) [Coded open-end response]		Total
	Natural Patterns	37%
	Not Enough Evidence	6%
	Media has Misled	1%
	Evidence Disproves	7%
	Religious Factors	5%
	Political Factors	1%
	No Particular Reason	6%
	Not Sure/Other	14%
	N	157

*Columns may not sum to 100% due to rounding within cells.

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Q21-23. Next I would like to read you a list of factors that may or may not have had an effect on your view that global warming is not occurring. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that global warming is not occurring. [ROTATED LIST]

		Your personal observations of weather in your area	Scientific evidence that disproves the existence of global warming	Reports that climate scientists have distorted data to demonstrate that global warming is occurring
Next I would like to read you a list of factors that may or may not have had an effect on your view that global warming is not occurring. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that global warming is not occurring. (Among those who said there is not solid evidence of global warming) [ROTATED LIST]	Very Large	35%	14%	23%
	Somewhat Large	25%	34%	28%
	Not Too Large	17%	17%	20%
	No Effect	23%	33%	25%
	Not Sure (Volunteered)	0%	2%	5%
	N	157	156	157

*Columns may not sum to 100% due to rounding within cells.

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Q24. Next I would like to ask for your views on a number of ideas that have been proposed to reduce greenhouse gas emissions and stabilize the climate. Consider a policy to reduce greenhouse gases by taxing carbon based fuels such as coal, oil, and natural gas. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

	Total
Next I would like to ask for your views on a number of ideas that have been proposed to reduce greenhouse gas emissions and stabilize the climate. Consider a policy to reduce greenhouse gases by taxing carbon based fuels such as coal, oil, and natural gas. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?	Strongly Support
	25%
	Somewhat Support
	25%
	Somewhat Oppose
	14%
	Strongly Oppose
	27%
	Not Sure (Volunteered)
	9%
	N
	939

*Columns may not sum to 100% due to rounding within cells.

Q25. What if the carbon fuels tax significantly lowered greenhouse gases but increased your energy costs by 10 percent a month? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

	Total
What if the carbon fuels tax significantly lowered greenhouse gases but increased your energy costs by 10 percent a month? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?	Strongly Support
	Somewhat Support
	Somewhat Oppose
	Strongly Oppose
	Not Sure (Volunteered)
	N
	19%
	29%
	19%
	28%
	5%
	939

**Columns may not sum to 100% due to rounding within cells.*

Q26. What if the carbon fuels tax were "revenue neutral", meaning that every dollar collected by the government would be returned to the public as an income tax rebate. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

	Total
What if the carbon fuels tax were "revenue neutral", meaning that every dollar collected by the government would be returned to the public as an income tax rebate. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?	Strongly Support
	Somewhat Support
	Somewhat Oppose
	Strongly Oppose
	Not Sure (Volunteered)
	N
	32%
	30%
	12%
	21%
	6%
	940

**Columns may not sum to 100% due to rounding within cells.*

Q27. What if revenues from the tax were used to fund research and development for renewable energy programs? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

	Total
What if revenues from the tax were used to fund research and development for renewable energy programs? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?	Strongly Support
	Somewhat Support
	Somewhat Oppose
	Strongly Oppose
	Not Sure (Volunteered)
	N
	38%
	28%
	10%
	19%
	5%
	940

**Columns may not sum to 100% due to rounding within cells.*

Q28. What if revenues from the tax were used to reduce the federal deficit? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

		Total
What if revenues from the tax were used to fund research and development for renewable energy programs? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?	Strongly Support	19%
	Somewhat Support	23%
	Somewhat Oppose	18%
	Strongly Oppose	33%
	Not Sure (Volunteered)	7%
	N	939

**Columns may not sum to 100% due to rounding within cells.*

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Q29. If nothing is done to reduce greenhouse gas emissions, the average U.S. temperature is projected to increase by 4 to 11 degrees Fahrenheit by the year 2100. How much more per month for energy and gasoline would you be willing to pay to prevent temperatures from rising? [CODED OPEN-END RESPONSE]

		Total
If nothing is done to reduce greenhouse gas emissions, the average U.S. temperature is projected to increase by 4 to 11 degrees Fahrenheit by the year 2100. How much more per month for energy and gasoline would you be willing to pay to prevent temperatures from rising? [CODED OPEN-END RESPONSE]	Nothing each month	50%
	1 to 50 dollars per month	24%
	51 to 100 dollars per month	4%
	101 to 250 dollars per month	2%
	251 to 500 dollars per month	<1%
	Over 500 dollars per month	<1%
	Other	8%
	Not Sure (Volunteered)	12%
	N	938

**Columns may not sum to 100% due to rounding within cells.*

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Please identify your level of agreement with the following statements. For each statement please indicate if you strongly agree, somewhat agree, somewhat disagree or strongly disagree.

Q30. Technological innovations are going to solve the climate problem.

		Total
Technological innovations are going to solve the climate problem.	Strongly Agree	22%
	Somewhat Agree	35%
	Somewhat Disagree	17%
	Strongly Disagree	17%
	Not Sure (Volunteered)	10%
	N	940

*Columns may not sum to 100% due to rounding within cells.

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Q31. Instead of trying to stop global warming from occurring we should focus on adapting to a warmer climate.

		Total
Instead of trying to stop global warming from occurring we should focus on adapting to a warmer climate.	Strongly Agree	10%
	Somewhat Agree	18%
	Somewhat Disagree	27%
	Strongly Disagree	40%
	Not Sure (Volunteered)	6%
	N	938

*Columns may not sum to 100% due to rounding within cells.

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Q32. My state's economy will be damaged if it requires greater use of renewable energy while neighboring states don't have such requirements.

		Total
My state's economy will be damaged if it requires greater use of renewable energy while neighboring states don't have such requirements.	Strongly Agree	12%
	Somewhat Agree	30%
	Somewhat Disagree	24%
	Strongly Disagree	18%
	Not Sure (Volunteered)	16%
	N	939

*Columns may not sum to 100% due to rounding within cells.

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Q33. There have been a number of ideas proposed for how governments can reduce the emissions of greenhouse gases. For each of the following policy options I read please indicate if you strongly support, somewhat support, somewhat oppose, or strongly oppose that option. First... [SPLIT SAMPLE]

		Putting a price on carbon pollution	Putting a price on carbon pollution that would increase the price of gasoline by 8 cents per gallon	Putting a price on carbon pollution that would increase the price of gasoline by 42 cents per gallon
There have been a number of ideas proposed for how governments can reduce the emissions of greenhouse gases. For each of the following policy options I read please indicate if you strongly support, somewhat support, somewhat oppose, or strongly oppose that option. [SPLIT SAMPLE]	Strongly Support	17%	19%	11%
	Somewhat Support	30%	19%	17%
	Somewhat Oppose	14%	17%	12%
	Strongly Oppose	26%	43%	58%
	Not Sure (Volunteered)	13%	3%	2%

		Putting a price on carbon pollution	Putting a price on carbon pollution that would increase the price of gasoline by 8 cents per gallon	Putting a price on carbon pollution that would increase the price of gasoline by 42 cents per gallon
	N	306	309	325

*Columns may not sum to 100% due to rounding within cells.

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Q34-36. There have been a number of ideas proposed for how governments can reduce the emissions of greenhouse gases. For each of the following policy options I read please indicate if you strongly support, somewhat support, somewhat oppose, or strongly oppose that option. Next, [ROTATED]

		Requiring a set portion of all electricity to come from renewable energy sources such as wind or solar power.	Offering rebates to business and households that purchase electric vehicles.	Phasing out all coal-fired power plants.
There have been a number of ideas proposed for how governments can reduce the emissions of greenhouse gases. For each of the following policy options I read please indicate if you strongly support, somewhat support, somewhat oppose, or strongly oppose that option. Next, [ROTATED]	Strongly Support	50%	38%	18%
	Somewhat Support	31%	33%	22%
	Somewhat Oppose	8%	10%	19%
	Strongly Oppose	9%	16%	31%
	Not Sure (Volunteered)	3%	4%	10%
	N	940	940	940

*Columns may not sum to 100% due to rounding within cells.

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Q37-41. Next I have a few questions about wind energy. For each of the following statements I read about the impacts of wind turbines, please tell me whether you strongly agree, somewhat agree, somewhat disagree or strongly disagree with the statement. [ROTATED LIST]

		Wind turbines create noise pollution	Wind turbines help limit climate change	Wind turbines produce visual or aesthetic problems	Wind turbines create jobs	Wind turbines reduce nearby property values
Next I have a few questions about wind energy. For each of the following statements I read about the impacts of wind turbines, please tell me whether you strongly agree, somewhat agree, somewhat disagree or strongly disagree with the statement. [ROTATED LIST]	Strongly Agree	7%	21%	9%	39%	10%
	Somewhat Agree	18%	37%	21%	42%	28%
	Somewhat Disagree	26%	12%	31%	7%	26%
	Strongly Disagree	32%	12%	30%	5%	16%
	Not Sure (Volunteered)	18%	18%	9%	8%	20%
	N	940	940	940	940	940

*Columns may not sum to 100% due to rounding within cells.

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Q42. Assuming there were suitable locations for them, would you strongly support, somewhat support, somewhat oppose or strongly oppose wind turbines being placed in your community?

		Total
Assuming there were suitable locations for them, would you strongly support, somewhat support, somewhat oppose or strongly oppose wind turbines being placed in your community?	Strongly Support	48%
	Somewhat Support	30%
	Somewhat Oppose	9%
	Strongly Oppose	9%
	Not Sure (Volunteered)	5%
	N	940

*Columns may not sum to 100% due to rounding within cells.

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Q43. Recently, some people have suggested the idea that only a certain amount of the coal, oil, and gas in the ground can be used if we are to keep a stable climate. Others say the world needs reliable and affordable energy, and so we need to use coal, oil, and gas. Do you think the U.S. should increase, decrease, or make no changes to the amount of coal, oil, and gas that it removes from the ground?

		Total
Recently, some people have suggested the idea that only a certain amount of the coal, oil, and gas in the ground can be used if we are to keep a stable climate. Others say the world needs reliable and affordable energy, and so we need to use coal, oil, and gas. Do you think the U.S. should increase, decrease, or make no changes to the amount of coal, oil, and gas that it removes from the ground?	Increase	13%
	Decrease	41%
	Make no changes	37%
	Not Sure (Volunteered)	10%
	N	940

*Columns may not sum to 100% due to rounding within cells.

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Q44. If it required you to pay extra money each year in order for more renewable energy to be produced, how much would you be willing to pay? Would you be willing to pay... [READ LIST]

		Total
If it required you to pay extra money each year in order for more renewable energy to be produced, how much would you be willing to pay? Would you be willing to pay... [READ LIST]	Nothing each year	42%
	1 to 50 dollars per year	25%
	50 to 100 dollars a year	16%
	100 to 250 dollars a year	8%
	250 to 500 dollars a year	4%
	Over 500 dollars a year	3%
	Not sure (Volunteered)	2%
	N	937

*Columns may not sum to 100% due to rounding within cells.

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Finally a few questions about yourself.

Q45. Which of the following categories best describes your racial identity? Are you [READ LIST]

		Total
Finally a few questions about yourself. Which of the following categories best describes your racial identity? Are you [READ LIST]	White/Caucasian	61%
	African-American	12%
	Hispanic	14%
	Latino	2%
	Asian	5%
	Native American	1%
	Mixed Race	3%
	Other	2%
	N	926

*Columns may not sum to 100% due to rounding within cells.

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Q46. Which of the following categories best describes your religious affiliation? Are you [READ LIST]

		Total
Which of the following categories best describes your religious affiliation? Are you [READ LIST]	Protestant	35%
	Catholic	30%
	Jewish	1%
	Muslim	1%
	Hindu	1%
	Other Religion (Including Agnostic)	24%
	Atheist	5%
	Not Sure (Volunteered)	3%
	N	869

*Columns may not sum to 100% due to rounding within cells.

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Q47. Would you describe yourself as an evangelical Christian?

		Total
Would you describe yourself as an evangelical Christian? (Among those who identified as Protestant)	Yes	32%
	No	67%
	Not Sure (Volunteered)	1%
	N	303

*Columns may not sum to 100% due to rounding within cells.

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Q48. What is your highest level of education? [READ LIST]

		Total
What is your highest level of education? [READ LIST]	Less Than High School Graduate	4%
	High School Graduate	29%
	Some College or Technical School	30%
	College Graduate	23%
	Graduate or Professional Degree	15%
	Not Sure (Volunteered)	0%
	N	932

**Columns may not sum to 100% due to rounding within cells.*

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Q49. Which of the following is your primary source for national and world news? [READ LIST]

		Total
Which of the following is your primary source for national and world news? [READ LIST]	Television	47%
	Newspapers	5%
	Talk Radio Programs	4%
	Radio News Programs	4%
	The Internet	39%
	Other (Volunteered)	1%
	Not Sure (Volunteered)	1%
	N	935

**Columns may not sum to 100% due to rounding within cells.*

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Q50. Which of the following best describes your political party affiliation? [READ LIST]

		Total
Which of the following best describes your political party affiliation? [READ LIST]	Democrat	35%
	Republican	25%
	Other Party	2%
	Independent	34%
	Not Sure (Volunteered)	4%
	N	874

**Columns may not sum to 100% due to rounding within cells.*

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Q51. Which of the following best describes your political beliefs? [READ LIST]

		Total
Which of the following best describes your political beliefs? [READ LIST]	Very Conservative	18%
	Somewhat Conservative	17%
	Moderate	34%
	Somewhat Liberal	18%
	Very Liberal	9%
	Not Sure (Volunteered)	4%
	N	895

**Columns may not sum to 100% due to rounding within cells.*

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Q52. Which of the following categories best describes your family income? Is it [READ LIST]

		Total
Which of the following categories best describes your family income? Is it [READ LIST]	Less than 20,000	16%
	20,000 - 40,000	20%
	40,000 - 60,000	18%
	60,000 - 80,000	15%
	80,000 - 100,000	10%
	Over 100,000	18%
	Not Sure (Volunteered)	3%
	N	742

**Columns may not sum to 100% due to rounding within cells.*

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Respondent Gender

		Total
Respondent Gender	Male	49%
	Female	51%
	N	940

**Columns may not sum to 100% due to rounding within cells.*

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Thank you for your help with the survey. We appreciate your time.