User's Guide and Codebook

National Surveys on Energy and Environment (NSEE)

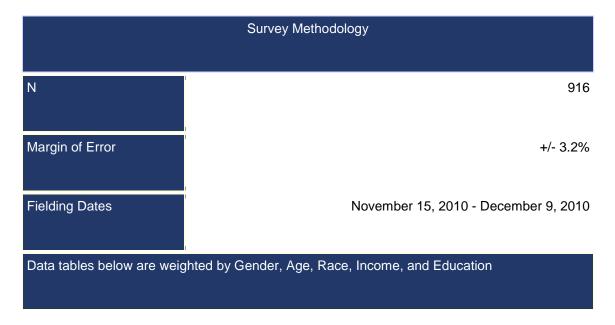**National Surveys on Energy and Environment Public Use Datasets:**

Fall 2010

National Surveys on Energy and Environment Public Use Datasets:

Fall 2010 Data

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 and energy policy, 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. From 2008-2012 the survey was called the "National Survey of American Public Opinion on Climate Change" (NSAPOCC); starting in 2013 the survey was renamed to the "National Surveys on Energy and Environment" (NSEE).

This dataset includes data from the fourth wave, conducted in Fall 2010.   The survey included longitudinal questions about belief in climate change, plus additional content related to support for state and/or federal policies to address climate change, willingness to pay for emissions reductions, and more. Results are based on responses from 916 adult residents of the United States collected between November 15, 2010 – December 18, 2010. The margin of error for the survey is ±3.2% at a 95% level of confidence.

Methodology

Survey Methodology	
N	916
Margin of Error	+/- 3.2%
Fielding Dates	November 15, 2010 - December 9, 2010
Data tables below are weighted by Gender, Age, Race, Income, and Education	

The results are based on a telephone survey of 916 adult (age 18 or older) residents of the United States between November 15 and December 18, 2010. Respondents were interviewed in English on both landlines and cell phones 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.

With a randomly selected sample of 916 respondents the margin of error for the surveys is ±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 phones are called up to 10 times. Due to rounding, the totals provided in tables may not equal 100.

The instrument was designed by Christopher Borick of Muhlenberg College and Barry Rabe of the University of Michigan. 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

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.

Missing Data

Within a wave, missing data can result from respondents who refuse to answer a question, or respondents who are not asked a particular question. Sometimes respondents are not asked a question due to skip logic, these are coded -9 "Not asked – not applicable". Other times, the NSEE survey will include split sample questions. Missing values for split-sample questions are coded -9 "Not asked – split sample".

Version(s)

Original openICPSR Release: 6/22/2016

8/18/2017: A few values of demog_state_region were recoded. The weight factor variables GenWeight and RaceWeight were dropped from the dataset.

LIST OF VARIABLES

Variable	Label
Survey_Iteration	Survey Iteration
Orig_ID	Respondent Number
Month	Month of Interview
Day	Day of Interview
Year	Year of Interview
demog_age_list	Age: by category
demog_state	State of residence
demog_state_region	What state do you currently reside in? CODED
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_problem	Is global warming a serious problem
gw_concern	How concerned are you about the issue of global warming
believer_factor_open	Belief factor: primary factor OPEN ENDED
believer_factor_open_coded	Belief factor: primary factor OPEN ENDED coded
believer_factor_glaciers	Belief factor: Declining glaciers & polar ice
believer_factor_warmer	Belief factor: warmer temps in your area
believer_factor_models	Belief factor: computer models that indicate the earth is getting warmer
believer_factor_hurricane	Belief factor: Strength of US hurricanes
believer_factor_ipcc	Impact of following factor: Reports from the Intergovernmental Panel on Climate Change on belief that the earth is getting warmer
believer_factor_mildwint	Belief factor: milder winters in your area
believer_factor_polarbrs	Belief factor: declining polar bears & penguins
believer_factor_droughts	Belief factor: Severe droughts across US
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
gw_noevidence	Not enough scientific evidence to support claims that the earth is warming
gw_scioverstate	Scientists overstating evidence about GW for their own interests
gw_nattrend	Recent warming on earth is the result of natural trends, not the human activity
gw_mediaoverstate	The media is overstating the evidence about global warming.
gw_adapt	Instead of trying to stop GW from occurring we should focus on adapting
govt_fed	How much responsibility federal govt has for taking actions to reduce GW
govt_state	How much responsibility state govts have for taking actions to reduce GW
govt_local	How much responsibility local govts have for taking actions to reduce GW
govt_fedvsstate	Federal govt should allow state govts to adopt stricter GHG standards than fed
state_neighborsact	My state should not adopt anti-global warming policies unless its neighboring states also adopt similar policies.

govt_nostateaction	If federal govt fails to address GW, it's my state's responsibility to act
state_rps_economy	State governments will boost their economies by requiring greater use of renewable energy.
state_impactsfelt	My state has already felt negative effects from global warming.
state_rps_neighbr	My state's economy will be damaged if it requires greater use of renewable energy while neighboring states don't have such requirements.
state_rps_mystate_v1	My state should require increased use of renewable energy.
captrade_govt_v1	Which level of government should use cap & trade
fftax_govt	Which level of govt should increase taxes on fossil fuels
nuclear_govt	Which level of govt should increase use of nuclear power
gastax_govt	Which level of govt should increase gas tax
rps_govt	Which level of govt should require renewable energy/portfolio standard
ethanol_govt	Which level of govt should require ethanol standard
vehicle_govt	Require auto makers to increase the fuel efficiency of their vehicles even if it increases the cost of the vehicle
captrade_support_v1	Support for cap & trade
captrade_govt_v2	Which level of government should use cap & trade, includes regional option
captrade_cost15dol	Support for cap & trade if it raised costs by $15/month
captrade_cost50	Support for cap & trade if it raised costs by $50/month
carbontax_support	Support for reducing GHG by taxing carbon based fuels
carbontax_cost15dol	Support for carbon fuels tax if it raised costs by $15/month
carbontax_cost50dol	Support for carbon fuels tax if it raised costs by $50/month
busnesspay_revuse	Revenue use if govt enacted a policy requiring businesses to pay to release GHGs
busnesspay_govtlevel	Which level of govt should collect/use revenue if businesses pay to release GHG
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_teaparty	Do you consider yourself to be a member of the Tea Party?
demog_polviews	Political beliefs: conservative to liberal
demog_income	Family income
demog_gender	Gender: not asked; assessed by interviewer
TOTWEIGHT	Overall Weight

National Surveys on Energy and Environment: Fall 2010 Data

Alternate Title: NSEE Fall 2010

Creator: CLOSUP

Survey_Iteration - Survey Iteration

Survey Iteration

Type
Text

Role
input

Orig_ID - Respondent Number

Respondent Number

Type
Numeric

Numeric Type
Integer

Role
input

CODEBOOK NOTE:

ORIG_ID is a sequential, anonymous ID, assigned across waves of the NSEE. In Fall 2010, the values of ORIG_ID range from 2304-3219.

Month - Month of Interview

Month of Interview

Type
Numeric

Numeric Type
Integer

Role
input

Day - Day of Interview

Day of Interview

Type
Numeric

Numeric Type
Integer

Role
input

Year - Year of Interview

Year of Interview

Type
Numeric

Numeric Type
Integer

Role
input

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	Southwest
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

CODEBOOK NOTE:

Version 2 (8/18/2017): a few values of demog_state_region were recoded for accuracy. Revised frequencies for demog_state_region are shown in the appendix to this codebook.

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

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

believer_problem - Is global warming a serious problem

Is global warming a serious problem

QUESTIONNAIRE TEXT: In your view is global warming a very serious problem, somewhat serious, not too serious, or not a problem?

-9	Not asked - not applicable
1	Very serious
2	Somewhat serious
3	Not too serious
4	Not a problem
98	Not sure
99	Refused

Role
input

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?

-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:
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
	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

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_models - Belief factor: computer models that indicate the earth is getting warmer

Belief factor: computer models that indicate the earth is getting warmer

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: Computer models that indicate the earth is getting warmer.

	-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_ipcc - Impact of following factor: Reports from the Intergovernmental Panel on Climate Change on belief that the earth is getting warmer

Impact of following factor: Reports from the Intergovernmental Panel on Climate Change on belief that the earth is getting warmer

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:
Reports from the Intergovernmental Panel on Climate Change

-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

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

believer_factor_polarbrs - Belief factor: declining polar bears & penguins

Belief factor: declining polar bears & penguins

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 numbers of polar bears and penguins

-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 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

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
5	Evidence Disproves
7	Political Factors
8	No Particular Reason
9	Not Sure/Other
98	Not sure
99	Refused

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

gw_noevidence - Not enough scientific evidence to support claims that the earth is warming

Not enough scientific evidence to support claims that the earth is warming

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: There is not enough scientific evidence to support claims that the earth is getting warmer.

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

Role
input

gw_scioverstate - Scientists overstating evidence about GW for their own interests

Scientists overstating evidence about GW for their own interests

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: Scientists are overstating evidence about global warming for their own interests.

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

99	Refused

Role

input

gw_nattrend - Recent warming on earth is the result of natural trends, not the human activity

Recent warming on earth is the result of natural trends, not the human activity

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: Any recent warming on earth is the result of natural trends and not the activities of man.

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

Role

input

gw_mediaoverstate - The media is overstating the evidence about global warming.

The media is overstating the evidence about global warming.

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: The media is overstating the evidence about global warming.

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

govt_fed - How much responsibility federal govt has for taking actions to reduce GW

How much responsibility federal govt has for taking actions to reduce GW

QUESTIONNAIRE TEXT: For each level of government that I mention please tell me if it has a great deal of responsibility, some responsibility or no responsibility for taking actions to reduce global warming: The Federal Government

1	A great deal of responsibility
2	Some responsibility
3	No responsibility
98	Not sure
99	Refused

Role
input

govt_state - How much responsibility state govts have for taking actions to reduce GW

How much responsibility state govts have for taking actions to reduce GW

QUESTIONNAIRE TEXT: For each level of government that I mention please tell me if it has a great deal of responsibility, some responsibility or no responsibility for taking actions to reduce global warming: State Governments

1	A great deal of responsibility
2	Some responsibility
3	No responsibility
98	Not sure
99	Refused

Role
input

govt_local - How much responsibility local govts have for taking actions to reduce GW

How much responsibility local govts have for taking actions to reduce GW

QUESTIONNAIRE TEXT: For each level of government that I mention please tell me if it has a great deal of responsibility, some responsibility or no responsibility for taking actions to reduce global warming: Local Governments

1	A great deal of responsibility
2	Some responsibility
3	No responsibility
98	Not sure
99	Refused

Role
input

govt_fedvsstate - Federal govt should allow state govts to adopt stricter GHG standards than fed

Federal govt should allow state govts to adopt stricter GHG standards than fed

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: The federal government should allow state governments to adopt stricter standards for the emission of greenhouse gases than any federal standards.

1	Strongly agree
2	Somewhat agree
3	Somewhat disagree

4	Strongly disagree
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
The order in which the 7 variables from govt_fedvsstate through state_rps_mystate_v1 were asked was rotated.

state_neighborsact - My state should not adopt anti-global warming policies unless its neighboring states also adopt similar policies.

My state should not adopt anti-global warming policies unless its neighboring states also adopt similar policies.

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 should not adopt anti-global warming policies unless its neighboring states also adopt similar policies.

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

Role
input

CODEBOOK NOTE:
The order in which the 7 variables from govt_fedvsstate through state_rps_mystate_v1 were asked was rotated.

govt_nostateaction - If federal govt fails to address GW, it's my state's responsibility to act

If federal govt fails to address GW, it's my state's responsibility to act

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: If the federal government fails to address the issue of global warming it is my state's responsibility to address the problem.

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

Role
input

CODEBOOK NOTE:
The order in which the 7 variables from govt_fedvsstate through   were asked was rotated.

state_rps_economy - State governments will boost their economies by requiring greater use of renewable energy.

State governments will boost their economies by requiring greater use of renewable energy.

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: State governments will boost their economies by requiring greater use of renewable energy.

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

Role
input

CODEBOOK NOTE:
The order in which the 7 variables from govt_fedvsstate through state_rps_mystate_v1 were asked was rotated.

state_impactsfelt - My state has already felt negative effects from global warming.

My state has already felt negative effects from global warming.

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 has already felt negative effects from global warming.

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

Role
input

CODEBOOK NOTE:
The order in which the 7 variables from govt_fedvsstate through state_rps_mystate_v1 were asked was rotated.

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

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

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

CODEBOOK NOTE:
The order in which the 7 variables from govt_fedvsstate through state_rps_mystate_v1 were asked was rotated.

state_rps_mystate_v1- My state should require increased use of renewable energy.

My state should require increased use of renewable energy.

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 should require increased use of renewable energy.

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

Role
input

CODEBOOK NOTE:
The order in which the 7 variables from govt_fedvsstate through state_rps_mystate_v1 were asked was rotated.

captrade_govt_v1- Which level of government should use cap & trade

Which level of government should use cap & trade

QUESTIONNAIRE TEXT: Next I'm going to provide you with a list of policies that can be used to limit the emission of greenhouse gases.   For each option that I mention please tell if the policy should be adopted ONLY by the federal government, ONLY by your state government, by BOTH the federal and state governments or should NOT be adopted by any government: Allow businesses to buy and sell permits to release greenhouse gases if it results in an overall decrease in emissions

	1	Federal
	2	State
	3	Both
	4	Neither
	98	Not Sure
	99	Refused

Role
input

fftax_govt- Which level of govt should increase taxes on fossil fuels

Which level of govt should increase taxes on fossil fuels

QUESTIONNAIRE TEXT: Next I'm going to provide you with a list of policies that can be used to limit the emission of greenhouse gases.   For each option that I mention please tell if the policy should be adopted ONLY by the federal government, ONLY by your state government, by BOTH the federal and state governments or should NOT be adopted by any government: Increasing taxes on all fossil fuels to reduce consumption and greenhouse gas emission.

1	Federal
2	State
3	Both
4	Neither
98	Not Sure
99	Refused

Role
input

nuclear_govt - Which level of govt should increase use of nuclear power

Which level of govt should increase use of nuclear power

QUESTIONNAIRE TEXT: Next I'm going to provide you with a list of policies that can be used to limit the emission of greenhouse gases.   For each option that I mention please tell if the policy should be adopted ONLY by the federal government, ONLY by your state government, by BOTH the federal and state governments or should NOT be adopted by any government: Increased use of nuclear power to reduce greenhouse gas emissions

1	Federal
2	State
3	Both
4	Neither
98	Not Sure
99	Refused

Role
input

gastax_govt - Which level of govt should increase gas tax

Which level of govt should increase gas tax

QUESTIONNAIRE TEXT: Next I'm going to provide you with a list of policies that can be used to limit the emission of greenhouse gases.   For each option that I mention please tell if the policy should be adopted ONLY by the federal government, ONLY by your state government, by BOTH the federal and state

governments or should NOT be adopted by any government: Increasing taxes on gasoline to reduce consumption and greenhouse gas emissions.

1	Federal
2	State
3	Both
4	Neither
98	Not Sure
99	Refused

Role
input

rps_govt - Which level of govt should require renewable energy/portfolio standard

Which level of govt should require renewable energy/portfolio standard

QUESTIONNAIRE TEXT: Next I'm going to provide you with a list of policies that can be used to limit the emission of greenhouse gases.   For each option that I mention please tell if the policy should be adopted ONLY by the federal government, ONLY by your state government, by BOTH the federal and state governments or should NOT be adopted by any government: Require a set portion of all electricity to come from renewable energy sources such as wind and solar power in order to reduce greenhouse gas emissions.

1	Federal
2	State
3	Both
4	Neither
98	Not Sure
99	Refused

Role
input

ethanol_govt - Which level of govt should require ethanol standard

Which level of govt should require ethanol standard

QUESTIONNAIRE TEXT: Next I'm going to provide you with a list of policies that can be used to limit the emission of greenhouse gases.   For each option that I mention please tell if the policy should be adopted ONLY by the federal government, ONLY by your state government, by BOTH the federal and state

governments or should NOT be adopted by any government: Require a set portion of all transportation fuels to come from renewable energy sources such as ethanol and other biofuels in order to reduce greenhouse gas emissions.

1	Federal
2	State
3	Both
4	Neither
98	Not Sure
99	Refused

Role
input

vehicle_govt - Require auto makers to increase the fuel efficiency of their vehicles even if it increases the cost of the vehicle

Require auto makers to increase the fuel efficiency of their vehicles even if it increases the cost of the vehicle

QUESTIONNAIRE TEXT: Next I'm going to provide you with a list of policies that can be used to limit the emission of greenhouse gases.   For each option that I mention please tell if the policy should be adopted ONLY by the federal government, ONLY by your state government, by BOTH the federal and state governments or should NOT be adopted by any government: Require auto makers to increase the fuel efficiency of their vehicles to reduce greenhouse gas emissions even if it increases the cost of the vehicle

1	Federal
2	State
3	Both
4	Neither
98	Not Sure
99	Refused

Role
input

captrade_support_v1 - Support for cap & trade

Support for cap & trade

QUESTIONNAIRE TEXT: There is a proposed system called cap and trade where the government would issue permits limiting the amount of greenhouse gases companies can put out. Companies that did not use

all their permits could sell them to other companies. The idea is that many companies would find ways to put out less greenhouse gases because that would be cheaper than buying permits.   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

captrade_govt_v2 - Which level of government should use cap & trade, includes regional option

Which level of government should use cap & trade, includes regional option

QUESTIONNAIRE TEXT: If a cap and trade system was to be used to reduce greenhouse gas emissions, would you prefer that it be done at the national level, within a region of the country or only within an individual state?

-9	Not asked – not applicable
1	National
2	Regional
3	State Only
98	Not Sure
99	Refused

Role
input

SKIP PATTERN:
not asked unless captrade_support_v1=1 or captrade_support_v1=2

captrade_cost15dol - Support for cap & trade if it raised costs by $15/month

Support for cap & trade if it raised costs by $15/month

QUESTIONNAIRE TEXT: What if the cap and trade program significantly lowered greenhouse gases but raised your monthly electrical bill by 15 dollars a month?   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

captrade_cost50 - Support for cap & trade if it raised costs by $50/month

Support for cap & trade if it raised costs by $50/month

QUESTIONNAIRE TEXT: What if the cap and trade program significantly lowered greenhouse gases but increased your energy costs by 50 dollars a month?   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_support - Support for reducing GHG by taxing carbon based fuels

Support for reducing GHG by taxing carbon based fuels

QUESTIONNAIRE TEXT: Another way to lower greenhouse gas emissions would be to increase taxes on carbon based fuels such as coal, oil, gasoline 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_cost15dol - Support for carbon fuels tax if it raised costs by $15/month

Support for carbon fuels tax if it raised costs by $15/month

QUESTIONNAIRE TEXT: What if the carbon fuels taxes significantly lowered greenhouse gases but increased your energy costs by 15 dollars a month?   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_cost50dol - Support for carbon fuels tax if it raised costs by $50/month

Support for carbon fuels tax if it raised costs by $50/month

QUESTIONNAIRE TEXT: What if the carbon fuels taxes significantly lowered greenhouse gases but increased your energy costs by 50 Dollars a month in added expenses?   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

busnesspay_revuse - Revenue use if govt enacted a policy requiring businesses to pay to release GHGs

Revenue use if govt enacted a policy requiring businesses to pay to release GHGs

QUESTIONNAIRE TEXT: If the government enacted a policy that required businesses to pay for the release greenhouse gases, where do you prefer the money generated from the purchase of the permits be spent? Do you prefer that it be...

1	Used to fund alternative energy research
2	Used to reduce the federal deficit
3	Returned to citizens through payroll tax deductions
4	Returned to citizens through tax rebates
5	To sustain existing government programs
6	Governments shouldn't require businesses to buy permits (volunteered)
98	Not Sure
99	Refused

Role
input

busnesspay_govtlevel- Which level of govt should collect/use revenue if businesses pay to release GHG

Which level of govt should collect/use revenue if businesses pay to release GHG

QUESTIONNAIRE TEXT: And which level of government should collect and use the revenue?

1	Federal
2	State
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...

-9	Not asked - split sample
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
98	Not sure
99	Refused

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

CODEBOOK NOTE:
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_teaparty- Do you consider yourself to be a member of the Tea Party?

Do you consider yourself to be a member of the Tea Party?

QUESTIONNAIRE TEXT: Do you consider yourself to be a member of the Tea Party?

1	Yes
2	No
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

TOTWEIGHT - Overall Weight

Overall Weight

Type
Numeric

Numeric Type
Double

Decimal Positions
2

Role
input

Codebook Note

Version 2 (8/18/17): The weight factor variables, GenWeight and RaceWeight were dropped from the dataset to avoid any confusion and for consistency across NSEE datasets.

Fall 2010 NSAPOCC
(now the National Surveys on Energy and the Environment)
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)

```
18-29…………………………………….1
30-44…………………………………….2
45-64…………………………………….3
or 65 and older…………………………..4
Not sure (Volunteered)…………….. ……98
Refused (Volunteered)……..……………99
```

Q2. What State do you currently reside in?

(OPEN) _____

Q3. 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 Q17)
Not Sure (Volunteered)…………..98   (SKIP TO Q22)
Refused (Volunteered)…………...99   (SKIP TO Q22)
```

Q4. 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 confident…..…………………1
Fairly confident…..………………....2
Not too confident…………………..3
Not confident at all…………………4
Not Sure (Volunteered)…………..98
Refused (Volunteered)……………99
```

Q5. 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 activity…………………….…...1
        Natural patterns……………………………2
        A combination (Volunteered)………...…...3
        Not Sure (Volunteered)………………….98
        Refused (Volunteered)…………………..99

Q6. In your view is global warming a very serious problem, somewhat serious, not too serious, or not a problem?

        Very serious………………1
        Somewhat serious………. 2
        Not too serious……………3
        Not a problem…………….4
        Not Sure (Volunteered)..….98
        Refused (Volunteered)…....99

Q7. How concerned are you about the issue of global warming?

        Very concerned………………1
        Somewhat concerned………. 2
        Not too concerned……………3
        Not concerned at all………….4
        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) _____

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)
Q9. Declining glaciers and polar ice throughout the globe	1	2	3	4	98	99
Q10. Warmer temperatures in your area during recent years	1	2	3	4	98	99
Q11. Computer models that indicate the earth is getting warmer	1	2	3	4	98	99
Q12. The strength of hurricanes hitting the United States	1	2	3	4	98	99
Q13. Reports from the Intergovernmental Panel on Climate Change	1	2	3	4	98	99
Q14. Milder winters in your area	1	2	3	4	98	99
Q15. Declining numbers of polar bears and penguins	1	2	3	4	98	99
Q13. Severe droughts in areas across the United States	1	2	3	4	98	99

****************************SKIP TO Q22******************************

ONLY THOSE WHO ANSWERED "NO" IN Q3 (i.e., do not believe temperatures are increasing)

Q17. How confident are you that the average temperature 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 confident……………………………1
> Fairly confident……………………………2
> Not too confident…………………………3
> Not confident at all………………......……..4
> Not Sure (Volunteered)……………..………98
> Refused (Volunteered)……………..………99

Q18. 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)
Q19. Your personal observations of weather in your area	1	2	3	4	98	99
Q20. Scientific evidence that disproves the existence of global warming.	1	2	3	4	98	99
Q21. Reports that climate scientists have distorted data to demonstrate that global warming is occurring.	1	2	3	4	98	99

ALL RESPONDENTS

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)
Q22. There is not enough scientific evidence to support claims that the earth is getting warmer.	1	2	3	4	98	99
Q23. Scientists are overstating evidence about global warming for their own interests.	1	2	3	4	98	99
Q24. Any recent warming on earth is the result of natural trends and not the activities of man.	1	2	3	4	98	99
Q25. The media is overstating the evidence about global warming.	1	2	3	4	98	99
Q26. Instead of trying to stop global warming from occurring we should focus on adapting to a warmer climate.	1	2	3	4	98	99

For each level of government that I mention please tell me if it has a great deal of responsibility, some responsibility or no responsibility for taking actions to reduce global warming. First:

	A Great Deal of Responsibility	Some Responsibility	No Responsibility	Not Sure (Volunteered)	Refused (Volunteered)
Q27. The Federal Government	1	2	3	98	99
Q28. State Governments	1	2	3	98	99
Q29. Local Governments	1	2	3	98	99

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, **[ROTATED LIST]**

	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree	Not Sure (Volunteered)	Refused (Volunteered)
Q30. The federal government should allow state governments to adopt stricter standards for the emission of greenhouse gases than any federal standards.	1	2	3	4	98	99
Q31. My state should not adopt anti-global warming policies unless its neighboring states also adopt similar policies.	1	2	3	4	98	99
Q32. If the federal government fails to address the issue of global warming it is my state's responsibility to address the problem.	1	2	3	4	98	99
Q33. State governments will boost their economies by requiring greater use of renewable energy.	1	2	3	4	98	99
Q34. My state has already felt negative effects from global warming.	1	2	3	4	98	99
Q35. 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
Q36. My state should require increased use of renewable energy.	1	2	3	4	98	99

Next I'm going to provide you with a list of policies that can be used to limit the emission of greenhouse gases. For each option that I mention please tell if the policy should be adopted ONLY by the federal government, ONLY by your state government, by BOTH the federal and state governments or should NOT be adopted by any government. First…

	Federal	State	Both	Neither	Not Sure (Volunteered)	Refused (Volunteered)
Q37. Allow businesses to buy and sell permits to release greenhouse gases if it results in an overall decrease in emissions	1	2	3	4	98	99
Q38. Increasing taxes on all fossil fuels to reduce consumption and greenhouse gas emission.	1	2	3	4	98	99
Q39. Increased use of nuclear power to reduce greenhouse gas emissions	1	2	3	4	98	99
Q40. Increasing taxes on gasoline to reduce consumption and greenhouse gas emissions.	1	2	3	4	98	99
Q41. Require a set portion of all electricity to come from renewable energy sources such as wind and solar power in order to reduce greenhouse gas emissions.	1	2	3	4	98	99
Q42. Require a set portion of all transportation fuels to come from renewable energy sources such as ethanol and other biofuels in order to reduce greenhouse gas emissions.	1	2	3	4	98	99
Q43. Require auto makers to increase the fuel efficiency of their vehicles to reduce greenhouse gas emissions even if it increases the cost of the vehicle	1	2	3	4	98	99

Q44. There is a proposed system called cap and trade where the government would issue permits limiting the amount of greenhouse gases companies can put out. Companies that did not use all their permits could sell them to other companies. The idea is that many companies would find ways to put out less greenhouse gases because that would be cheaper than buying permits. Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

Strongly support………………1
Somewhat support…………….2
Somewhat oppose……………..3 **[SKIP TO Q46]**
Strongly oppose……………….4 **[SKIP TO Q46]**
Not sure (Volunteered) ……….98 **[SKIP TO Q46]**
Refused (Volunteered)………...99 **[SKIP TO Q46]**

Q45. If a cap and trade system was to be used to reduce greenhouse gas emissions, would you prefer that it be done at the national level, within a region of the country or only within an individual state?

> National…………………….,.1
> Regional………………….....,2
> State only……………………3
> Not sure (Volunteered)…………98
> Refused (Volunteered)………….99

Q46. What if the cap and trade program significantly lowered greenhouse gases but raised your monthly electrical bill by 15 dollars a month? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

> Strongly support…………..… 1
> Somewhat support………..….2
> Somewhat oppose…………….3
> Strongly oppose………………4
> Not Sure (Volunteered)……..98
> Refused (Volunteered)……...99

Q47. What if the cap and trade program significantly lowered greenhouse gases but increased your energy costs by 50 dollars a month? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

> Strongly support…………..… 1
> Somewhat support………..….2
> Somewhat oppose…………….3
> Strongly oppose………………4
> Not Sure (Volunteered)……..98
> Refused (Volunteered)……...99

Q48. Another way to lower greenhouse gas emissions would be to increase taxes on carbon based fuels such as coal, oil, gasoline and natural gas. Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

> Strongly support…………..… 1
> Somewhat support………..….2
> Somewhat oppose…………….3
> Strongly oppose………………4
> Not Sure (Volunteered)……..98
> Refused (Volunteered)……...99

Q49. What if the carbon fuels taxes significantly lowered greenhouse gases but increased your energy costs by 15 dollars a month? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

    Strongly support……….…… 1
    Somewhat support………...….2
    Somewhat oppose…………….3
    Strongly oppose………………4
    Not Sure (Volunteered)……..98
    Refused (Volunteered)……...99

Q50. What if the carbon fuels taxes significantly lowered greenhouse gases but increased your energy costs by 50 dollars a month in added expenses? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

    Strongly support……….…… 1
    Somewhat support………...….2
    Somewhat oppose…………….3
    Strongly oppose………………4
    Not Sure (Volunteered)……..98
    Refused (Volunteered)……...99

Q51. If the government enacted a policy that required businesses to pay for the release greenhouse gases, where do you prefer the money generated from the purchase of the permits be spent? Do you prefer that it be…**[READ LIST]**

    Used to fund alternative energy research ……………………………………………1
    Used to reduce the federal deficit …………………………………………….....2
    Returned to citizens through payroll tax deductions ………………………….....3
    Returned to citizens through tax rebate……………………………………………4
    or to Sustain existing government program……….…………………………….5
    Government shouldn't require businesses to buy permits (Volunteered) …………..6
    Not Sure (Volunteered)……………………………………… ………………..98
    Refused (Volunteered)…………………………………… ……...……...99

Q52. And which level of government should collect and use the revenue?

    Federal government...……..… 1
    State government..………...….2
    Not Sure (Volunteered)……..98
    Refused (Volunteered)……...99

Q53. 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
Over 500 dollars a year……………………6
Not Sure (Volunteered)………………..…98
Refused (Volunteered)……………………99

Q54. 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

Q55. Which of the following categories best describes your religious affiliation? Are you… **[READ LIST]**

Protestant……………………………………....1
Catholic………………………………….….2 (SKIP Q57)
Jewish..……………………………………...3 (SKIP Q57)
Muslim …………………………………...…4 (SKIP Q57)
Hindu……………………………………....5 (SKIP Q57)
Other religion (including agnostic)………...…6 (SKIP Q57)
Atheist..……………………………………7 (SKIP Q57)
Not Sure (Volunteered)…………………....98 (SKIP Q57)
Refused (Volunteered)…………………....99 (SKIP Q57)

Q56. Would you describe yourself as an evangelical Christian?

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

Q57. 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

Q58. 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

Q59. 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

Q60. Do you consider yourself to be a member of the Tea Party?

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

Q61. 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

Q62. 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

Q63. Thank you for your help with the survey. We appreciate your time.

[DO NOT ASK!]
Male……………………….. 1
Female……….....................….2
Not Sure …………………...98

Center for Local, State, and Urban Policy
UNIVERSITY OF MICHIGAN

The National Surveys on Energy and Environment (NSEE)
Fall 2010 Data Tables

Survey Methodology	
N	916
Margin of Error	+/- 3.2%
Fielding Dates	November 15, 2010 - December 9, 2010
Data tables below are weighted by Gender, Age, Race, Income, and Education	

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- Federal government should allow states to adopt stricter emissions standards
- My state should not adopt policies unless neighbors do the same
- If federal government does not act, it's state responsibility to act
- State governments will boost economy by requiring renewable energy
- My state has felt effects of global warming
- My state's economy will be damaged if neighbors don't have same policies
- My state should require increased use of renewable energy

Federal vs. State Government Policy Adoption

37. Allow cap-and-trade
38. Increase taxes on fossil fuels
39. Increase use of nuclear power
40. Increase gasoline taxes
41. Require renewable energy for electricity
42. Require renewable energy for transportation fuels
43. Require increased fuel efficiency for vehicles

Willingness to pay

44. Support for cap-and-trade
45. At which level of government
46. If it increases costs by $15
47. If it increases costs by $50
48. Support for carbon tax
49. If it increases costs by $15
50. If it increases costs by $50
51. Preferred use of revenue
52. Level of government to collect and use revenue
53. Willingness to pay for more renewable energy

Demographics

54. Racial identity
55. Religious affiliation
56. Are you an evangelical Christian?
57. Highest level of education
58. Primary source for news
59. Political party affiliation
60. Member of the Tea Party?
61. Political beliefs
62. Family income
63. Gender

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	7%
	30-44	17%
	45-64	45%
	65 and older	31%
	Refused, but stated they are 18 or over	<1%
	N	*916*

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

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

		Total
What state do you currently reside in? [CODED INTO REGIONS]	Northeast	18%
	South	35%
	Midwest	25%
	West	22%
	N	915

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

Q3. 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	58%
	No	26%
	Not Sure (Volunteered)	16%
	N	916

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

Q4. 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	55%
	Fairly Confident	37%
	Not Too Confident	6%
	Not Confident At All	1%
	Not Sure (Volunteered)	1%
	N	530

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

Q5. 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
		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	Human Activity	37%

		Total
environment? (Among those who said there is solid evidence of global warming)	Natural Patterns	18%
	A Combination (Volunteered)	41%
	Not Sure (Volunteered)	5%
	N	530

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

Q6. In your view is global warming a very serious problem, somewhat serious, not too serious, or not a problem?

		Total
In your view is global warming a very serious problem, somewhat serious, not too serious, or not a problem? (Among those who said there is solid evidence of global warming)	Very Serious	61%
	Somewhat Serious	30%
	Not Too Serious	5%
	Not A Problem	3%
	Not Sure (Volunteered)	1%
	N	530

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

Q7. How concerned are you about the issue of global warming?

		Total
How concerned are you about the issue of global warming?(Among those who said there is solid evidence of global warming)	Very Concerned	47%
	Somewhat Concerned	41%
	Not Too Concerned	8%
	Not Concerned At All	3%
	Not Sure (Volunteered)	<1%
	N	530

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

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	16%
	Warmer Temperatures Observed	22%
	Weather Changes	17%

	Total
Scientific Research/Data	10%
Al Gore's Documentary	1%
Media Coverage	14%
Declining Species	1%
Human Activity	7%
Natural Patterns	2%
Ocean/Sea-Level rise	<1%
Religious Factors	1%
Population Growth	<1%
Not Sure/Other	10%
N	*530*

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

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Q9-16. 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	Computer models that indicate the earth is getting warmer	The strength of hurricanes hitting the United States	Reports from the Intergovernmental Panel on Climate Change	Milder winters in your area	Declining numbers of polar bears and penguins	Severe droughts in areas across the United States
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	Very Large	63%	48%	22%	40%	15%	32%	44%	41%
	Somewhat Large	24%	32%	37%	37%	34%	28%	32%	35%
	Not Too Large	6%	12%	17%	13%	20%	17%	9%	13%
	No Effect	5%	7%	15%	9%	20%	22%	9%	10%
	Not Sure (Volunteered)	2%	<1%	9%	3%	12%	1%	7%	2%

earth is getting warmer." (Among those who said there is solid evidence of global warming) [ROTATED LIST]		Declining glaciers and polar ice throughout the globe	Warmer temperatures in your area during recent years	Computer models that indicate the earth is getting warmer	The strength of hurricanes hitting the United States	Reports from the Intergovernmental Panel on Climate Change	Milder winters in your area	Declining numbers of polar bears and penguins	Severe droughts in areas across the United States
	N	530	530	530	527	529	530	530	530

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

Q17. 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	34%
	Fairly Confident	55%
	Not Too Confident	8%
	Not Confident At All	3%
	Not Sure (Volunteered)	1%
	N	241

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

Q18. 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 earth are not increasing? (Among those who said there is not solid evidence of global warming) [Coded open-end response]	Personal Observations	29%
	Natural Patterns	32%
	Not Enough Evidence	7%
	Media has Misled	1%
	Evidence Disproves	5%
	Religious Factors	6%
	Political Factors	3%
	No Particular Reason	5%
	Not Sure/Other	12%
	N	242

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

Q19-21. 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	40%	17%	27%
	Somewhat Large	28%	31%	28%
	Not Too Large	13%	20%	15%
	No Effect	18%	32%	28%
	Not Sure (Volunteered)	1%	1%	1%
	N	239	239	242

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. First,

Q22. There is not enough scientific evidence to support claims that the earth is getting warmer.

		Total
There is not enough scientific evidence to support claims that the earth is getting warmer.	Strongly Agree	19%
	Somewhat Agree	28%
	Somewhat Disagree	18%
	Strongly Disagree	32%
	Not Sure (Volunteered)	3%
	N	916

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

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Q23. Scientists are overstating evidence about global warming for their own interests.

		Total
Scientists are overstating evidence about global warming for their own interests.	Strongly Agree	18%
	Somewhat Agree	29%
	Somewhat Disagree	18%
	Strongly Disagree	31%
	Not Sure (Volunteered)	4%
	N	915

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

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Q24. Any recent warming on earth is the result of natural trends and not the activities of man.

		Total
Any recent warming on earth is the result of natural trends and not the activities of man.	Strongly Agree	26%
	Somewhat Agree	23%
	Somewhat Disagree	22%
	Strongly Disagree	23%
	Not Sure (Volunteered)	6%
	N	*916*

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

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Q25. The media is overstating the evidence about global warming.

		Total
The media is overstating the evidence about global warming.	Strongly Agree	27%
	Somewhat Agree	30%
	Somewhat Disagree	18%
	Strongly Disagree	23%
	Not Sure (Volunteered)	2%
	N	*916*

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

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Q26. 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	9%
	Somewhat Agree	20%
	Somewhat Disagree	28%
	Strongly Disagree	35%
	Not Sure (Volunteered)	8%
	N	*911*

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

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Q27-29. For each level of government that I mention please tell me if it has a great deal of responsibility, some responsibility or no responsibility for taking actions to reduce global warming.

		The Federal Government	State Governments	Local Governments
For each level of government that I mention please tell me if it has a great deal of responsibility, some responsibility or no responsibility for taking actions to reduce global warming.	A Great Deal of Responsibility	43%	35%	29%
	Some Responsibility	30%	37%	37%

		The Federal Government	State Governments	Local Governments
	No Responsibility	22%	23%	30%
	Not Sure (Volunteered)	5%	5%	5%
	N	914	914	914

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

Q30-36. 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. [ROTATED LIST]

		The federal government should allow state governments to adopt stricter standards for the emission of greenhouse gases than any federal standards.	My state should not adopt anti-global warming policies unless its neighboring states also adopt similar policies.	If the federal government fails to address the issue of global warming it is my state's responsibility to address the problem.	State governments will boost their economies by requiring greater use of renewable energy.	My state has already felt negative effects from global warming.	My state's economy will be damaged if it requires greater use of renewable energy while neighboring states don't have such requirements.	My state should require increased use of renewable energy.
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. [ROTATED LIST]	Strongly Agree	31%	13%	27%	33%	16%	13%	42%
	Somewhat Agree	33%	22%	37%	38%	28%	24%	35%
	Somewhat Disagree	13%	27%	13%	12%	18%	31%	11%
	Strongly Disagree	17%	32%	21%	9%	20%	22%	9%
	Not Sure (Volunteered)	6%	7%	3%	8%	18%	11%	3%
	N	914	914	915	916	915	913	915

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

Next I'm going to provide you with a list of policies that can be used to limit the emission of greenhouse gases. For each option that I mention please tell if the policy should be adopted ONLY by the federal government, ONLY by your state government, by BOTH the federal and state governments or should NOT be adopted by any government. First…

Q37. Allow businesses to buy and sell permits to release greenhouse gases if it results in an overall decrease in emissions.

		Total
Allow businesses to buy and sell permits to release greenhouse gases if it results in an overall decrease in emissions.	Federal	15%
	State	9%
	Both	41%
	Neither	29%
	Not Sure (Volunteered)	7%
	N	916

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

Q38. Increasing taxes on all fossil fuels to reduce consumption and greenhouse gas emissions.

		Total
Increasing taxes on all fossil fuels to reduce consumption and greenhouse gas emission.	Federal	12%
	State	7%
	Both	34%
	Neither	42%
	Not Sure (Volunteered)	5%
	N	916

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

Q39. Increased use of nuclear power to reduce greenhouse gas emissions.

		Total
Increased use of nuclear power to reduce greenhouse gas emissions.	Federal	18%
	State	5%
	Both	37%
	Neither	35%
	Not Sure (Volunteered)	6%
	N	916

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

Q40. Increasing taxes on gasoline to reduce consumption and greenhouse gas emissions.

		Total
Increasing taxes on gasoline to reduce consumption and greenhouse gas emissions.	Federal	8%
	State	9%
	Both	26%
	Neither	54%
	Not Sure (Volunteered)	3%

	Total
N	916

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

Q41. Require a set portion of all electricity to come from renewable energy sources such as wind and solar power in order to reduce greenhouse gas emissions.

		Total
Require a set portion of all electricity to come from renewable energy sources such as wind and solar power in order to reduce greenhouse gas emissions.	Federal	8%
	State	11%
	Both	58%
	Neither	21%
	Not Sure (Volunteered)	2%
	N	916

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

Q42. Require a set portion of all transportation fuels to come from renewable energy sources such as ethanol and other biofuels in order to reduce greenhouse gas emissions.

		Total
Require a set portion of all transportation fuels to come from renewable energy sources such as ethanol and other biofuels in order to reduce greenhouse gas emissions.	Federal	11%
	State	9%
	Both	52%
	Neither	24%
	Not Sure (Volunteered)	4%
	N	915

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

Q43. Require auto makers to increase the fuel efficiency of their vehicles to reduce greenhouse gas emissions even if it increases the cost of the vehicle.

		Total
Require auto makers to increase the fuel efficiency of their vehicles to reduce greenhouse gas emissions even if it increases the cost of the vehicle.	Federal	25%
	State	5%
	Both	48%
	Neither	20%
	Not Sure (Volunteered)	3%
	N	916

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

Q44. There is a proposed system called cap and trade where the government would issue permits limiting the amount of greenhouse gases companies can put out. Companies that did not use all their permits could sell them to other companies. The idea is that many companies would find ways to put out less greenhouse gases because that would be cheaper than buying permits. Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

		Total
There is a proposed system called cap and trade where the government would issue permits limiting the amount of greenhouse gases companies can put out. Companies that did not use all their permits could sell them to other companies. The idea is that many companies would find ways to put out less greenhouse gases because that would be cheaper than buying permits. Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?	Strongly Support	14%
	Somewhat Support	25%
	Somewhat Oppose	13%
	Strongly Oppose	35%
	Not Sure (Volunteered)	13%
	N	916

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

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Q45. If a cap and trade system was to be used to reduce greenhouse gas emissions, would you prefer that it be done at the national level, within a region of the country or only within an individual state?

		Total
If a cap and trade system was to be used to reduce greenhouse gas emissions, would you prefer that it be done at the national level, within a region of the country or only within an individual state? (Among those who support a cap and trade system)	National	77%
	Regional	10%
	State Only	11%
	Not Sure (Volunteered)	2%
	N	357

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

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Q46. What if the cap and trade program significantly lowered greenhouse gases but raised your monthly electrical bill by 15 dollars a month? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

		Total
What if the cap and trade program significantly lowered greenhouse gases but raised your monthly electrical bill by 15 dollars a month? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?	Strongly Support	12%
	Somewhat Support	24%
	Somewhat Oppose	18%
	Strongly Oppose	41%
	Not Sure (Volunteered)	5%
	N	915

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

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Q47. What if the cap and trade program significantly lowered greenhouse gases but increased your energy costs by 50 dollars a month? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

		Total
What if the cap and trade program significantly lowered greenhouse gases but increased your energy costs by 50 dollars a month? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?	Strongly Support	5%
	Somewhat Support	13%
	Somewhat Oppose	22%
	Strongly Oppose	52%
	Not Sure (Volunteered)	7%
	N	916

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

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Q48. Another way to lower greenhouse gas emissions would be to increase taxes on carbon based fuels such as coal, oil, gasoline and natural gas. Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

		Total
Another way to lower greenhouse gas emissions would be to increase taxes on carbon based fuels such as coal, oil, gasoline and natural gas. Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?	Strongly Support	10%
	Somewhat Support	22%
	Somewhat Oppose	18%
	Strongly Oppose	44%
	Not Sure (Volunteered)	7%
	N	916

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

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Q49. What if the carbon fuels taxes significantly lowered greenhouse gases but increased your energy costs by 15 dollars a month? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

		Total
What if the carbon fuels taxes significantly lowered greenhouse gases but increased your energy costs by 15 dollars a month? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?	Strongly Support	10%
	Somewhat Support	22%
	Somewhat Oppose	21%
	Strongly Oppose	42%
	Not Sure (Volunteered)	5%
	N	915

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

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Q50. What if the carbon fuels taxes significantly lowered greenhouse gases but increased your energy costs by 50 dollars a month in added expenses? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

		Total
What if the carbon fuels taxes significantly lowered greenhouse gases but increased your energy costs by 50 dollars a month in added expenses? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?	Strongly Support	5%
	Somewhat Support	10%
	Somewhat Oppose	22%
	Strongly Oppose	58%
	Not Sure (Volunteered)	5%
	N	915

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

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Q51. If the government enacted a policy that required businesses to pay for the release greenhouse gases, where do you prefer the money generated from the purchase of the permits be spent? Do you prefer that it be… [READ LIST]

		Total
If the government enacted a policy that required businesses to pay for the release greenhouse gases, where do you prefer the money generated from the purchase of the permits be spent? Do you prefer that it be…[READ LIST]	Used to fund alternative energy research	43%
	Used to reduce the federal deficit	9%
	Returned to citizens through payroll tax deductions	8%
	Returned to citizens through tax rebate	15%
	or to Sustain existing government program	4%
	Government shouldn't require businesses to buy permits (Volunteered)	14%
	Not Sure (Volunteered)	7%
	N	912

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

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Q52. And which level of government should collect and use the revenue?

		Total
And which level of government should collect and use the revenue?	Federal Government	36%
	State Government	40%
	Not Sure (Volunteered)	24%
	N	890

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

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Q53. 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	41%
	1 to 50 dollars per year	26%
	50 to 100 dollars a year	17%
	100 to 250 dollars a year	7%
	250 to 500 dollars a year	4%
	Over 500 dollars a year	2%
	Not Sure (Volunteered)	4%
	N	910

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

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Finally a few questions about yourself.

Q54. 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	70%
	African-American	12%
	Hispanic	10%
	Latino	2%
	Asian	2%
	Native American	1%
	Mixed Race	1%
	Other	2%
	N	900

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

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Q55. 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	42%
	Catholic	32%
	Jewish	1%
	Muslim	<1%
	Hindu	1%

		Total
	Other Religion (Including Agnostic)	21%
	Atheist	2%
	Not Sure (Volunteered)	3%
	N	877

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

Q56. Would you describe yourself as an evangelical Christian?

		Total
Would you describe yourself as an evangelical Christian? (Among those who identified as Protestant)	Yes	34%
	No	61%
	Not Sure (Volunteered)	6%
	N	362

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

Q57. What is your highest level of education? [READ LIST]

		Total
What is your highest level of education? [READ LIST]	Less Than High School Graduate	9%
	High School Graduate	34%
	Some College or Technical School	25%
	College Graduate	21%
	Graduate or Professional Degree	11%
	Not Sure (Volunteered)	<1%
	N	911

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

Q58. 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	61%
	Newspapers	18%
	Talk Radio Programs	2%
	Radio News Programs	2%
	The Internet	16%

		Total
	Other (Volunteered)	1%
	Not Sure (Volunteered)	<1%
	N	*914*

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

Q59. 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	44%
	Republican	25%
	Other Party	6%
	Independent	24%
	Not Sure (Volunteered)	1%
	N	*855*

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

Q60. Do you consider yourself to be a member of the Tea Party?

		Total
Do you consider yourself to be a member of the Tea Party?	Yes	12%
	No	84%
	Not Sure (Volunteered)	4%
	N	*891*

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

Q61. 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	28%
	Moderate	30%
	Somewhat Liberal	13%
	Very Liberal	5%
	Not Sure (Volunteered)	7%
	N	*886*

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

Q62. 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	20%
	20,000 - 40,000	27%
	40,000 - 60,000	18%
	60,000 - 80,000	13%
	80,000 - 100,000	7%
	Over 100,000	14%
	Not Sure (Volunteered)	3%
	N	743

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

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Respondent Gender

		Total
Respondent Gender	Male	48%
	Female	52%
	N	916

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.