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

**National Surveys on Energy and Environment Public Use
Datasets:
Spring 2012**

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Summary

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

The Spring 2012 NSEE included longitudinal questions about belief in climate change, plus additional content related to policy options to reduce greenhouse gas emissions.

Methodology

Survey Methodology	
N	726 (520 Land Line & 206 Cell Phone)
Margin of Error	+/- 4.0%
Fielding Dates	March 28, 2012 – April 16, 2012
AAPOR RR3 Response Rate	16%
Weighted by: age, gender, educational attainment, race and region.	

The results are based on a telephone survey of 726 adult (age 18 or older) residents of the United States between March 28 and April 16, 2012. Respondents were interviewed in English on both landlines (500) and cell phones (206) 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. Individual households and cell phones throughout the United States were selected randomly for inclusion in the study. The sample of phone numbers used in the survey was generated by Genesys Sampling Systems of Ft. Washington, PA.

With a randomly selected sample of 726 respondents the margin of error for the surveys is $\pm 4.0\%$ 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, gender, educational attainment, race and region. The calculation of sampling error takes into account design effects due to the weighting identified above. In order to reach a representative sample of adult Americans both landlines and cell phones are called up to 10 times. The response rate for this survey as calculated using the American Association of Public Opinion Research (AAPOR) RR3 formula is 16%. The instrument was designed by Christopher Borick of Muhlenberg College and Barry Rabe of the University of Michigan in consultation with Erick Lachapelle of the University of Montreal. . For more detailed information on the methods employed please contact the MCIPO at 484-664-3444 or email Dr. Borick at cborick@muhlenberg.edu.

Funding and Financial Disclosure

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

Variable Naming

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

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: 3/23/2017

8/18/2017: A few values of demog_state_region were recoded.

LIST OF VARIABLES

Variable	Label
RespNum	Respondent Number
Month	Month of Interview
Day	Date
demog_age_open_coded	Age: open-ended - Coded
demog_state	State of residence
demog_state_region	States coded to regions
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
believer_immediacy	Does global warming require immediate government action
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_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
believer_factor_extremes	Belief factor: Extreme weather
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_mediaoverstate	The media is overstating the evidence about global warming.
fftax_support_v1	Support for increasing taxes on fossil fuels
gastax_support_v1	Support for increasing taxes on gas
captrade_support_v2	Support for cap & trade
electrictax_support_v1	Support for increasing taxes on electricity use
rps_support	Support for requiring set portion of electricity from renewable energy (RPS)
industrial_support	Support for limiting GHG emissions from industrial sources
industrial_support_caa	Support for Obama using Clean Air Act to limit GHG emissions from industries
vehicle_54mpg_nocost	Support for avg fuel economy of 54.5mpg by 2025
vehicle_54mpg_cost5pct -	Support for avg fuel economy of 54.5mpg by 2025 if costs 5% more
demog_race	Race

demog_relig	Religious affiliation
demog_relig_evang	Religious affiliation: evangelical Christian
demog_edu	Highest level of education
demog_news	Primary source for national & world news
demog_polparty	Political party affiliation
demog_polviews	Political beliefs: conservative to liberal
demog_income	Family income
demog_gender	Gender: not asked; assessed by interviewer
weight	Overall weight

National Surveys on Energy and Environment: Spring 2012 Data

RespNum – Respondent Number

Respondent Number

Role
input

Month - Month of Interview

Month of Interview

Representation

Numeric

Decimal Positions

2

Role
input

Day - Date

Date

Representation

Numeric

Decimal Positions

2

Role
input

demog_age_open_coded - Age: open-ended - Coded

Age: open-ended - Coded

QUESTIONNAIRE TEXT: What is your current age?

1	18-29
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2	30-44
3	45-64
4	65 + older
5	Refused, but stated 18 or over

Role
input

CODEBOOK NOTE:

In order to protect respondent confidentiality, CLOSUP recoded the original variable demog_age_open into the categorical variable demog_age_open_coded. Original responses to demog_age_open are not available to secondary users of the data.

demog_state - State of residence

State of residence

QUESTIONNAIRE TEXT: What state do you currently reside in?

Type
Text

Role
input

demog_state_region - States coded to regions

States coded to regions

1	Northeast
2	South
3	Midwest
4	West

Role
input

CODEBOOK NOTE:

States were coded into regions as follows:

Northeast (1)

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

South (2)

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

Midwest (3)

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

West (4)

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

CODEBOOK NOTE:

Version 2 (8/18/2017): a single value of demog_state_region was recoded for accuracy. Overall frequencies for demog_state_region were not changed, and 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

SKIP PATTERN:

Not asked unless gw_belief=1

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

SKIP PATTERN:

Not asked unless gw_belief=1

believer_immediacy - Does global warming require immediate government action

Does global warming require immediate government action

QUESTIONNAIRE TEXT: Do you or do you not think global warming requires immediate government action?

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

Role
input

SKIP PATTERN:

Not asked unless gw_belief=1

believer_factor_open - Belief factor: primary factor OPEN ENDED

Belief factor: primary factor OPEN ENDED

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

Type
Text

Role
input

SKIP PATTERN:

Not asked unless gw_belief=1

believer_factor_open_coded - Belief factor: primary factor OPEN ENDED coded

Belief factor: primary factor OPEN ENDED coded

-9	Not asked - not applicable
1	Melting Glaciers
2	Warmer Temps Observed

3	Weather Change
4	Scientific Research
5	Gore Documentary
6	Media Coverage
7	Declining Species
8	Human Activity
9	Natural Patterns
10	Not Sure/Other
11	Ocean/sea-level rise
12	Religious factors
13	Population growth
14	Growing season/plants
99	Refused

Role
input

SKIP PATTERN:

believer_factor_open was not asked unless gw_belief=1

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_mildwint - Belief factor: milder winters in your area

Belief factor: milder winters in your area

QUESTIONNAIRE TEXT: Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor that I mention please indicate if it has

had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer:
Milder winters in your area

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

Role
input

CODEBOOK NOTE:

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

SKIP PATTERN:

not asked unless gw_belief=1

believer_factor_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 that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer: Severe droughts in areas across the United States

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

Role

input

CODEBOOK NOTE:

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

SKIP PATTERN:

not asked unless gw_belief=1

believer_factor_extremes - Belief factor: Extreme weather

Belief factor: Extreme weather

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

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

Role
input

CODEBOOK NOTE:

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

SKIP PATTERN:

not asked unless gw_belief=1

nonbeliever_factor_open - Nonbelief factor: primary factor OPEN ENDED

Nonbelief factor: primary factor OPEN ENDED

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

Type
Text

Role
input

SKIP PATTERN:

not asked unless gw_belief=2

nonbeliever_factor_open_coded - Nonbelief factor: primary factor OPEN ENDED coded

Nonbelief factor: primary factor OPEN ENDED coded

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

Role
input

SKIP PATTERN:

nonbeliever_factor_open not asked unless gw_belief=2

nonbeliever_factor_weath - Nonbelief factor: Personal observations of weather in area

Nonbelief factor: Personal observations of weather in area

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

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

Role
input

CODEBOOK NOTE:

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

SKIP PATTERN:

not asked unless gw_belief=2

nonbeliever_factor_scievid - Nonbelief factor: Scientific evidence disproves existence of GW

Nonbelief factor: Scientific evidence disproves existence of GW

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

-9	Not asked - not applicable
1	Very large

2	Somewhat large
3	Not too large
4	No effect
98	Not sure
99	Refused

Role

input

CODEBOOK NOTE:

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

SKIP PATTERN:

not asked unless gw_belief=2

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

Nonbelief Factor: Reports that scientists distort data about GW

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

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

Role

input

CODEBOOK NOTE:

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

SKIP PATTERN:

not asked unless gw_belief=2

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

CODEBOOK NOTE:

The order in which gw_noevidence, gw_scioverstate, and gw_mediaoverstate were asked was rotated.

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

CODEBOOK NOTE:

The order in which gw_noevidence, gw_scioverstate, and gw_mediaoverstate were asked was rotated.

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

CODEBOOK NOTE:

The order in which gw_noevidence, gw_scioverstate, and gw_mediaoverstate were asked was rotated.

fftax_support_v1 - Support for increasing taxes on fossil fuels

Support for increasing taxes on fossil fuels

QUESTIONNAIRE TEXT: In order to reduce the emission of greenhouse gases a number of methods have been considered. For each of the methods of reducing greenhouse gas emission that I mention please indicate if you strongly support, somewhat support, somewhat oppose or strongly oppose that option. First, a policy to reduce greenhouse gases by increasing taxes on all fossil fuels.

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

Role
input

gastax_support_v1 - Support for increasing taxes on gas

Support for increasing taxes on gas

QUESTIONNAIRE TEXT: In order to reduce the emission of greenhouse gases a number of methods have been considered. For each of the methods of reducing greenhouse gas emission that I mention please indicate if you strongly support, somewhat support, somewhat oppose or strongly oppose that option. Next, a policy to reduce greenhouse gases by increasing taxes on gasoline.

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

Role
input

captrade_support_v2 - Support for cap & trade

Support for cap & trade

QUESTIONNAIRE TEXT: In order to reduce the emission of greenhouse gases a number of methods have been considered. For each of the methods of reducing greenhouse gas emission that I mention please indicate if you strongly support, somewhat support, somewhat oppose or strongly oppose that option. Next a policy to reduce greenhouse gases through a system where government caps the amount of greenhouse gases emitted by businesses through the provision of pollution credits and provides those businesses with the right to trade or sell those pollution credits.

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

Role
input

electrictax_support_v1 - Support for increasing taxes on electricity use

Support for increasing taxes on electricity use

QUESTIONNAIRE TEXT: In order to reduce the emission of greenhouse gases a number of methods have been considered. For each of the methods of reducing greenhouse gas emission that I mention please indicate if you strongly support, somewhat support, somewhat oppose or strongly oppose that option. Next a policy to reduce greenhouse gases by increasing taxes on the use of electricity.

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

Role
input

rps_support - Support for requiring set portion of electricity from renewable energy (RPS)

Support for requiring set portion of electricity from renewable energy (RPS)

QUESTIONNAIRE TEXT: In order to reduce the emission of greenhouse gases a number of methods have been considered. For each of the methods of reducing greenhouse gas emission that I mention please indicate if you strongly support, somewhat support, somewhat oppose or strongly oppose that option. Next a policy to reduce greenhouse gases by requiring a set portion of all electricity to come from renewable energy sources such as wind, solar or hydroelectric power.

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

Role
input

industrial_support - Support for limiting GHG emissions from industrial sources

Support for limiting GHG emissions from industrial sources

QUESTIONNAIRE TEXT: In order to reduce the emission of greenhouse gases a number of methods have been considered. For each of the methods of reducing greenhouse gas emission that I mention please indicate if you strongly support, somewhat support, somewhat oppose or strongly oppose that option. Next a policy to reduce greenhouse gas emissions through federal regulations that limit emissions from major industrial sources.

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

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

Role
input

industrial_support_caa - Support for Obama using Clean Air Act to limit GHG emissions from industries

Support for Obama using Clean Air Act to limit GHG emissions from industries

QUESTIONNAIRE TEXT: In order to reduce the emission of greenhouse gases a number of methods have been considered. For each of the methods of reducing greenhouse gas emission that I mention please indicate if you strongly support, somewhat support, somewhat oppose or strongly oppose that option. Next the Obama Administration's current policy to use the Clean Air Act to enforce greenhouse gas emissions reductions from major industrial sources.

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

Role
input

vehicle_54mpg_nocost - Support for avg fuel economy of 54.5mpg by 2025

Support for avg fuel economy of 54.5mpg by 2025

QUESTIONNAIRE TEXT: In order to reduce the emission of greenhouse gases a number of methods have been considered. For each of the methods of reducing greenhouse gas emission that I mention please indicate if you strongly support, somewhat support, somewhat oppose or strongly oppose that option. Next a policy to reduce greenhouse gases by increasing the average fuel economy of new vehicles from the current rate of 30.2 miles per gallon to 54.5 miles per gallon by 2025.

1	Strongly support
2	Somewhat support

3	Somewhat oppose
4	Strongly oppose
98	Not sure
99	Refused

Role
input

vehicle_54mpg_cost5pct - Support for avg fuel economy of 54.5mpg by 2025 if costs 5% more

Support for avg fuel economy of 54.5mpg by 2025 if costs 5% more

QUESTIONNAIRE TEXT: Do you strongly support, somewhat support, somewhat oppose or strongly oppose increasing the average fuel economy of new vehicles from the current rate of 30.2 miles per gallon to 54.5 miles per gallon by 2025, if it raised the price of new cars by about 5%?

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

Role
input

demog_race - Race

Race

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

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

9	Hispanic/Latino
10	Mixed race and other

Role

input

CODEBOOK NOTE:

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

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

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

demog_relig - Religious affiliation

Religious affiliation

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

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

Role

input

CODEBOOK NOTE:

In order to protect respondent confidentiality, CLOSUP recoded demog_relig by recoding responses 4 "Muslim" and 5 "Hindu" into 6 "Other".

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

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_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

weight – Overall Weight

Overall Weight

Representation

Numeric

Decimal Positions

2

Role
input

CODEBOOK NOTE:

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

Spring 2012 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. Your participation in the project is voluntary and your responses are confidential. 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. What is your current age? (IF REFUSED ASK IF THEY ARE OVER THE AGE OF 18 - IF SO ENTER 99)

(OPEN) _____

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 Q21)
Refused (Volunteered).....99 (SKIP TO Q21)

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. Do you or do you not think global warming requires immediate government action?

Yes, it requires immediate government action.....1
 No, it does not require immediate government action.....2
 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	8	9
Q10. Warmer temperatures in your area during recent years	1	2	3	4	8	9
Q11. Computer models that indicate the earth is getting warmer	1	2	3	4	8	9
Q12. The strength of hurricanes hitting the United States	1	2	3	4	8	9
Q13. Milder Winters in your area	1	2	3	4	8	9
Q14. Declining numbers of polar bears and penguins.	1	2	3	4	8	9
Q15. Severe droughts in areas across the United States.	1	2	3	4	8	9
Q16. Extreme weather events such as major storms and floods	1	2	3	4	8	9

*****SKIP TO Q21*****

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

Q17. 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)
Q18. Your personal observations of weather in your area	1	2	3	4	5	6
Q19. Scientific evidence that disproves the existence of global warming	1	2	3	4	5	6
Q20. Reports that climate scientists have distorted data to demonstrate that global warming is occurring	1	2	3	4	5	6

***** 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, **[ROTATED LIST]**

	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree	Not Sure (Volunteered)	Refused (Volunteered)
Q21. There is not enough scientific evidence to support claims that the earth is getting warmer.	1	2	3	4	8	9
Q22. Scientists are overstating evidence about global warming for their own interests.	1	2	3	4	8	9
Q23. The media is overstating the evidence about global warming.	1	2	3	4	8	9

In order to reduce the emission of greenhouse gases a number of methods have been considered. For each of the methods of reducing greenhouse gas emission that I mention please indicate if you strongly support, somewhat support, somewhat oppose or strongly oppose that option.

Q24. First, a policy to reduce greenhouse gases by increasing taxes on all fossil fuels.

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

Q25. Next, a policy to reduce greenhouse gases by increasing taxes on gasoline.

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

Q26. Next a policy to reduce greenhouse gases through a system where government caps the amount of greenhouse gases emitted by businesses through the provision of pollution credits and provides those businesses with the right to trade or sell those pollution credits.

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

Q27. Next a policy to reduce greenhouse gases by increasing taxes on the use of electricity.

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

Q28. Next a policy to reduce greenhouse gases by requiring a set portion of all electricity to come from renewable energy sources such as wind, solar or hydroelectric power.

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

Q29. Next a policy to reduce greenhouse gas emissions through federal regulations that limit emissions from major industrial sources.

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

Q30. Next the Obama Administration's current policy to use the Clean Air Act to enforce greenhouse gas emissions reductions from major industrial sources.

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

Q31. Next a policy to reduce greenhouse gases by increasing the average fuel economy of new vehicles from the current rate of 30.2 miles per gallon to 54.5 miles per gallon by 2025.

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

Q32. Do you strongly support, somewhat support, somewhat oppose or strongly oppose increasing the average fuel economy of new vehicles from the current rate of 30.2 miles per gallon to 54.5 miles per gallon by 2025, if it raised the price of new cars by about 5%?

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

Q33. 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
Latino4
Asian.....5
Native American.....6
Mixed race.....7
Other8
Not Sure (Volunteered).....98
Refused (Volunteered).....99

Q34. Which of the following categories best describes your religious affiliation? Are you... **[READ LIST]**

Protestant.....1
Catholic.....2 (SKIP Q35)
Jewish.....3 (SKIP Q35)
Muslim4 (SKIP Q35)
Hindu5 (SKIP Q35)
Other religion (including agnostic).....6 (SKIP Q35)
Atheist.....7 (SKIP Q35)
Not Sure (Volunteered).....98 (SKIP Q35)
Refused (Volunteered).....99 (SKIP Q35)

Q35. Would you describe yourself as an evangelical Christian?

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

Q36. 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

Q37. 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

Q38. Which of the following best describes your political party affiliation? **[READ LIST]**

Democrat.....1
Republican.....2
Other party.....3
Independent4
Not Sure (Volunteered).....98
Refused (Volunteered).....99

Q39. 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

Q40. 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)	7
Refused (Volunteered).....	8

Q41. Finally, what is the zip code of your current residence?

(Response) _____

Q42. Thank you for your help with the survey. We appreciate your time.

[DO NOT ASK!]

Male.....	1
Female.....	2
Not Sure	3

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Survey Methodology	
N	726 (520 Land Line & 206 Cell Phone)
Margin of Error	+/- 4.0%
Fielding Dates	March 28, 2012 – April 16, 2012
AAPOR RR3 Response Rate	16%
Data tables below are weighted by Gender, Age, Race, Income, and Region	

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Introduction

1. Respondent's age
2. Respondent's place of residence

Global Warming

3. Belief in global warming
4. Confidence in belief of global warming
5. Cause of global warming
6. Seriousness of global warming
7. Immediate government action on global warming
8. Factor that caused belief in global warming
9. Factors that affected view
 - Declining glaciers and polar ice
 - Warmer local temperatures
 - Computer models
 - Strength of hurricanes
 - Milder local winters
 - Declining numbers of polar bears and penguins
 - Severe US droughts
 - Extreme weather events

Doubt in Global Warming

17. Factor that caused belief of no global warming
18. Factors that affected view
 - Personal observations
 - Scientific evidence
 - Reports of distorted data

Global Warming Evidence

21. Agree or disagree with the following statements
 - There is not enough evidence
 - Scientists are overstating evidence

- Media is overstating evidence

Policy Options to Reduce Emissions

24. Support or oppose increasing taxes on all fossil fuels
25. Support or oppose increasing taxes on gasoline
26. Support or oppose cap and trade
27. Support or oppose increasing taxes on use of electricity
28. Support or oppose requiring renewable energy
29. Support or oppose federal regulations to limit emissions from industrial sources
30. Support or oppose use of Clean Air Act to enforce greenhouse gas emissions reductions
31. Support or oppose requiring average fuel economy of 54.5 mpg by 2025
32. Even if it raises price of new cars by 5%

Demographics

33. Racial identity
34. Religious affiliation
35. Are you an evangelical Christian?
36. Highest level of education
37. Primary source for news
38. Political party affiliation
39. Political beliefs
40. Family income
41. 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. What is your current age? [CODED OPEN-END RESPONSE]

		Total
Thank you. What is your current age? [CODED OPEN-END RESPONSE]	18-29	17%
	30-44	19%
	45-64	35%
	65 and older	25%
	Refused, but stated they are 18 or over	3%
	N	726

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

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

		Total
What state do you currently reside in? [CODED INTO REGIONS]	Northeast	18%
	South	37%
	Midwest	21%
	West	24%
	N	725

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

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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	65%
	No	24%
	Not Sure (Volunteered)	11%
	N	726

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

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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? (Among those who said there is solid evidence of global warming)

		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	63%
	Fairly Confident	32%
	Not Too Confident	4%
	Not Confident At All	1%
	Not Sure (Volunteered)	1%
	N	472

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

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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
Is the earth getting warmer because of human activity such as burning fossil fuels, or mostly because of natural patterns in the earth's environment? (Among those who said there is solid evidence of global warming)	Human Activity	37%
	Natural Patterns	15%
	A Combination (Volunteered)	46%
	Not Sure (Volunteered)	3%
	N	472

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

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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	58%
	Somewhat Serious	29%
	Not Too Serious	7%
	Not a Problem	5%
	Not Sure (Volunteered)	1%
	N	472

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

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Q7. Do you or do you not think global warming requires immediate government action?

		Total
Do you or do you not think global warming requires immediate government action?	Yes, it requires immediate government action	66%
	No, it does not require immediate government action	25%
	Not Sure (Volunteered)	9%
	N	472

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

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

		Total
What is the primary factor that has caused you to believe that temperatures on earth are increasing? (Among those who said there is solid evidence of global warming) [Coded open-end response]	Declining Glaciers and Polar Ice	14%
	Warmer Temperatures Observed	20%
	Weather Changes	21%
	Scientific Research/Data	10%
	Gore Documentary	<1%
	Media Coverage	8%
	Declining Species	1%
	Human Activity	8%
	Natural Patterns	4%
	Ocean / Sea-level Rise	1%
	Religious Factors	<1%
	Population Growth	1%
	Growing Season / Plants	<1%
	Not Sure/Other	11%

		Total
	N	472

*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	Milder winters in your area	Declining numbers of polar bears and penguins	Severe droughts in areas across the United States	Extreme weather events such as major storms and floods
Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer." (Among those who said there is solid evidence of global warming) [ROTATED LIST]	Very Large	57%	42%	17%	24%	36%	41%	30%	37%
	Somewhat Large	33%	34%	34%	38%	33%	33%	40%	43%
	Not Too Large	5%	13%	17%	20%	17%	9%	18%	10%
	No Effect	4%	11%	22%	13%	14%	10%	9%	9%
	Not Sure (Volunteered)	1%	<1%	10%	5%	<1%	7%	3%	1%
	N	471	470	468	470	470	468	469	468

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

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Q17. 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	14%
	Natural Patterns	28%
	Not Enough Evidence	10%
	Media has Misled	1%
	Evidence Disproves	9%
	Religious Factors	10%
	Political Factors	10%
	No Particular Reason	7%
	Not Sure/Other	11%
	N	174

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

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Q18-20. 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	25%	21%	32%
	Somewhat Large	17%	33%	35%
	Not Too Large	30%	9%	3%
	No Effect	28%	36%	26%
	Not Sure (Volunteered)	<1%	1%	4%
	N	174	152	174

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

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Q21-23. 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]

		There is not enough scientific evidence to support claims that the earth is getting warmer.	Scientists are overstating evidence about global warming for their own interests.	The media is overstating the evidence about global warming.
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	22%	21%	28%
	Somewhat Agree	17%	16%	23%
	Somewhat Disagree	16%	20%	19%

		There is not enough scientific evidence to support claims that the earth is getting warmer.	Scientists are overstating evidence about global warming for their own interests.	The media is overstating the evidence about global warming.
	Strongly Disagree	40%	37%	24%
	Not Sure (Volunteered)	5%	6%	6%
	N	720	720	720

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

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In order to reduce the emission of greenhouse gases a number of methods have been considered. For each of the methods of reducing greenhouse gas emission that I mention please indicate if you strongly support, somewhat support, somewhat oppose or strongly oppose that option.

Q24. First, a policy to reduce greenhouse gases by increasing taxes on all fossil fuels.

		Total
First, a policy to reduce greenhouse gases by increasing taxes on all fossil fuels.	Strongly Support	11%
	Somewhat Support	21%
	Somewhat Oppose	13%
	Strongly Oppose	48%
	Not Sure (Volunteered)	7%
	N	718

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

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Q25. Next, a policy to reduce greenhouse gases by increasing taxes on gasoline.

		Total
Next, a policy to reduce greenhouse gases by increasing taxes on gasoline.	Strongly Support	5%
	Somewhat Support	17%
	Somewhat Oppose	15%
	Strongly Oppose	60%
	Not Sure (Volunteered)	3%
	N	719

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

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Q26. Next a policy to reduce greenhouse gases through a system where government caps the amount of greenhouse gases emitted by businesses through the provision of pollution credits and provides those businesses with the right to trade or sell those pollution credits.

		Total
Next a policy to reduce greenhouse gases through a system where government caps the amount of greenhouse gases emitted by businesses through the provision of pollution credits and provides those businesses with the right to trade or sell those pollution credits.	Strongly Support	12%
	Somewhat Support	23%
	Somewhat Oppose	9%
	Strongly Oppose	33%
	Not Sure (Volunteered)	22%
	N	717

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

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Q27. Next a policy to reduce greenhouse gases by increasing taxes on the use of electricity.

		Total
Next a policy to reduce greenhouse gases by increasing taxes on the use of electricity.	Strongly Support	4%
	Somewhat Support	16%
	Somewhat Oppose	19%
	Strongly Oppose	57%
	Not Sure (Volunteered)	5%
	N	717

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

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Q28. Next a policy to reduce greenhouse gases by requiring a set portion of all electricity to come from renewable energy sources such as wind, solar or hydroelectric power.

		Total
Next a policy to reduce greenhouse gases by requiring a set portion of all electricity to come from renewable energy sources such as wind, solar or hydroelectric power.	Strongly Support	52%
	Somewhat Support	25%
	Somewhat Oppose	6%
	Strongly Oppose	14%
	Not Sure (Volunteered)	4%
	N	716

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

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Q29. Next a policy to reduce greenhouse gas emissions through federal regulations that limit emissions from major industrial sources.

		Total
Next a policy to reduce greenhouse gas emissions through federal regulations that limit emissions from major industrial sources.	Strongly Support	28%
	Somewhat Support	31%
	Somewhat Oppose	10%
	Strongly Oppose	20%

	Total
Not Sure (Volunteered)	10%
N	717

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

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Q30. Next the Obama Administration's current policy to use the Clean Air Act to enforce greenhouse gas emissions reductions from major industrial sources.

	Total
Next the Obama Administration's current policy to use the Clean Air Act to enforce greenhouse gas emissions reductions from major industrial sources.	Strongly Support
	27%
	Somewhat Support
	24%
	Somewhat Oppose
	9%
	Strongly Oppose
	24%
	Not Sure (Volunteered)
	16%
	N
	716

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

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Q31. Next a policy to reduce greenhouse gases by increasing the average fuel economy of new vehicles from the current rate of 30.2 miles per gallon to 54.5 miles per gallon by 2025.

	Total
Next a policy to reduce greenhouse gases by increasing the average fuel economy of new vehicles from the current rate of 30.2 miles per gallon to 54.5 miles per gallon by 2025.	Strongly Support
	44%
	Somewhat Support
	29%
	Somewhat Oppose
	9%
	Strongly Oppose
	9%
	Not Sure (Volunteered)
	9%
	N
	713

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

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Q32. Do you strongly support, somewhat support, somewhat oppose or strongly oppose increasing the average fuel economy of new vehicles from the current rate of 30.2 miles per gallon to 54.5 miles per gallon by 2025, if it raised the price of new cars by about 5%?

	Total
Do you strongly support, somewhat support, somewhat oppose or strongly oppose increasing the average fuel economy of new vehicles from the current rate of 30.2 miles per gallon to 54.5 miles per gallon by 2025, if it raised the price of new cars by about 5%?	Strongly Support
	30%
	Somewhat Support
	33%
	Somewhat Oppose
	15%
	Strongly Oppose
	13%
	Not Sure (Volunteered)
	9%
	N
	715

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

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Finally a few questions about yourself.

Q33. 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	66%
	African-American	11%
	Hispanic	10%
	Latino	2%
	Asian	5%
	Native American	2%
	Mixed Race	3%
	Other	1%
	N	703

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

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Q34. 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	43%
	Catholic	30%
	Jewish	2%
	Muslim	1%
	Hindu	1%
	Other Religion (Including Agnostic)	17%
	Atheist	4%
	Not Sure (Volunteered)	2%
	N	668

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

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Q35. Would you describe yourself as an evangelical Christian?

		Total
Would you describe yourself as an evangelical Christian? (Among those who identified as Protestant)	Yes	33%
	No	65%
	Not Sure (Volunteered)	1%
	N	290

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

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Q36. What is your highest level of education? [READ LIST]

		Total
What is your highest level of education? [READ LIST]	Less Than High School Graduate	4%
	High School Graduate	32%
	Some College or Technical School	23%
	College Graduate	27%
	Graduate or Professional Degree	14%
	Not Sure (Volunteered)	<1%
	N	708

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

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Q37. 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	54%
	Newspapers	11%
	Talk Radio Programs	4%
	Radio News Programs	2%
	The Internet	26%
	Other (Volunteered)	1%
	Not Sure (Volunteered)	1%
	N	712

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

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Q38. 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	36%
	Republican	27%
	Other Party	5%
	Independent	30%
	Not Sure (Volunteered)	3%
	N	637

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

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Q39. 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	22%
	Moderate	30%
	Somewhat Liberal	13%
	Very Liberal	11%
	Not Sure (Volunteered)	6%
	N	653

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

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Q40. 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	14%
	20,000 - 40,000	23%
	40,000 - 60,000	20%
	60,000 - 80,000	13%
	80,000 - 100,000	10%
	Over 100,000	16%
	Not Sure (Volunteered)	5%
	N	448

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

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Respondent Gender

		Total
Respondent Gender	Male	50%
	Female	50%
	N	726

**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.