User's Guide and Codebook

National Surveys on Energy and Environment (NSEE)

National Surveys on Energy and Environment Public Use Datasets:

Fall 2008 Data

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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 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" (NSAPOOC); starting in 2013 the survey was renamed to the "National Surveys on Energy and Environment" (NSEE).

This dataset includes data from the first wave, conducted in Fall 2008. 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, and more. Results are based on responses from 603 adult residents of the United States collected between September 8 and September 24, 2008. The margin of error for the survey is ±4% at a 95% level of confidence.

Methodology Fall 2008

Survey Methodology	
N	603
Margin of Error	+/- 4.0%
Fielding Dates	September 8, 2008 – September 24, 2008
AAPOR RR3 Response Rate	XX%
Weighted by: Gender, Age, Race, Income, and Education	

The Fall 2008 results are based on a telephone survey of 603 adult (age 18 or older) residents of the United States between September 8 and September 24, 2008. At the same time, larger samples of households in California, Pennsylvania, Virginia, and Mississippi were also surveyed, however only the data from the national sample are available in this collection. In 2008, only landlines were included in the sample.

Interviews were conducted by the Muhlenberg College Institute of Public Opinion in Allentown, Pennsylvania.

The 2008 survey was developed in conjunction with the National Conference on Climate Governance at the Miller Center of Public Affairs at the University of Virginia. The survey instrument was designed by Barry Rabe of the University of Michigan and Christopher Borick of Muhlenberg College. The 2008 survey was funded by the WestWind Foundation, the Miller Center at the University of Virginia, the Muhlenberg College Institute of Public Opinion, and the Center for Local, State, and Urban Policy at the University of Michigan.

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 longitudinal dataset, longitudinal questions pertaining to global warming belief appear first (alphabetized within the section),

demographic questions (in alphabetical order) appear last, and all other questions are listed in alphabetical order. Data users should consult the data collection instruments (Appendix A of this codebook) for the order in which questions were asked in a particular wave.

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".

National Surveys on Energy and Environment: Fall 2008 Data

Alternate Title: NSEE Fall 2008

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 2008, the values of ORIG_ID range from 1-603.

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_state - State of residence

State of residence

QUESTIONNAIRE TEXT: What state do you currently reside in?

Type
Text

" "	Masked

Role
input

CODEBOOK NOTE:

In order to protect respondent confidentiality, CLOSUP masked responses to demog_state as " " "Masked". The original values of demog_state may be available in a future version of this dataset, but are not currently available to secondary users. Responses to demog_state are summarized in demog_state_region.

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

demog_age_list - Age: by category

Age: by category

QUESTIONNAIRE TEXT: What is your current age? [coded into categories]

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

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
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

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_algore - Belief factor: Al Gore's "An Inconvenient Truth"

Belief factor: Al Gore's "An Inconvenient Truth"

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: Al Gore's documentary "An Inconvenient Truth"

-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 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_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

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_earthtoobig - The Earth's atmosphere is too large for man's activity to change the climate

The Earth's atmosphere is too large for man's activity to change the climate

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 Earth's atmosphere is too large for man's activity to change the climate.

	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

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

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

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

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

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

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

religion_govtaction - My religious beliefs effect my views on how government should deal with GW

My religious beliefs effect my views on how government should deal with GW

QUESTIONNAIRE TEXT: For each of the statements that I read please tell me if you strongly agree, somewhat agree, somewhat disagree or strongly disagree with the statement: My religious beliefs effect my views on how government should deal with the issue of global warming.

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

Role
input

religion_govtactionexplain - Which best describes effect of religious beliefs on role of govt in GW

Which best describes effect of religious beliefs on role of govt in GW

QUESTIONNAIRE TEXT: Which of the following best describes the effect of your religious beliefs on the role of government in dealing with the issue of global warming:

-9	Not asked - not applicable
1	Religious beliefs lead to support govt action to address global warming
2	Religious beliefs lead to oppose govt action to address global warming
3	Beliefs do not lead to support or opposition
98	Not sure
99	Refused

Role
input

SKIP PATTERN:

Not asked unless religion_govtaction=1 or religion_govtaction=2

state_rps_knowledge - Does your state have a requirement for the production of renewable energy?

Does your state have a requirement for the production of renewable energy?

QUESTIONNAIRE TEXT: Some states have required that a portion of the electricity produced in that state should be from renewable sources such as wind, solar or hydroelectric power.   Does your state have a requirement for the production of renewable energy?

1	Yes
2	No

98	Not sure
99	Refused

Role
input

state_cleancoal - There should be increased state government support for clean coal technology

There should be increased state government support for clean coal technology

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases.   For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose or strongly oppose the proposed ways states can reduce greenhouse gas emissions: There should be increased state government support for clean coal technology.

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

Role
input

state_vehicles_v1 - State governments should require auto makers to increase the fuel efficiency of their vehicles even if it increases the cost of the vehicle.

State governments should require auto makers to increase the fuel efficiency of their vehicles even if it increases the cost of the vehicle.

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases.   For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose or strongly oppose the proposed ways states can reduce greenhouse gas emissions: State governments should require auto makers to increase the fuel efficiency of their vehicles even if it increases the cost of the vehicle

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

99	Refused

Role
input

state_hybrids - State governments should give individuals who purchase hybrid fuel vehicles a tax reduction.

State governments should give individuals who purchase hybrid fuel vehicles a tax reduction.

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases.   For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose or strongly oppose the proposed ways states can reduce greenhouse gas emissions: State governments should give individuals who purchase hybrid fuel vehicles a tax reduction

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

Role
input

state_fftax - State govts should increase taxes on all fossil fuels

State govts should increase taxes on all fossil fuels

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases.   For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose or strongly oppose the proposed ways states can reduce greenhouse gas emissions: State governments should increase taxes on all fossil fuels in order to reduce consumption.

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

99	Refused

Role
input

state_nuclear - State governments should support increased use of nuclear power to reduce greenhouse gas emissions.

State governments should support increased use of nuclear power to reduce greenhouse gas emissions.

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases.   For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose or strongly oppose the proposed ways states can reduce greenhouse gas emissions: State governments should support increased use of nuclear power to reduce greenhouse gas emissions.

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

Role
input

state_captrade - Agreement that state govts should allow cap and trade

Agreement that state govts should allow cap and trade

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases.   For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose or strongly oppose the proposed ways states can reduce greenhouse gas emissions: State governments should allow businesses to buy and sell permits to release greenhouse gases if it results in an overall decrease in emissions.

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

99	Refused	

Role
input

state_rps_v1 - State governments should require a set portion of all electricity to come from renewable energy sources such as wind, solar, or hydroelectric power.

State governments should require a set portion of all electricity to come from renewable energy sources such as wind, solar, or hydroelectric power.

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases.   For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose or strongly oppose the proposed ways states can reduce greenhouse gas emissions: State governments should require 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

state_sprawl - State governments should restrict development in suburban areas in order to cut down on the use of energy for transportation.

State governments should restrict development in suburban areas in order to cut down on the use of energy for transportation.

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases.   For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose or strongly oppose the proposed ways states can reduce greenhouse gas emissions: State governments should restrict development in suburban areas in order to cut down on the use of energy for transportation

1	Strongly support
2	Somewhat support
3	Somewhat oppose

4	Strongly oppose
98	Not sure
99	Refused

Role
input

state_ee - State govts should require more energy efficiency for buildings & appliances

State govts should require more energy efficiency for buildings & appliances

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases.   For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose or strongly oppose the proposed ways states can reduce greenhouse gas emissions: State governments should require an increase in energy efficiency for residential and commercial buildings and appliances

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

Role
input

state_gastax - State govts should increase gas tax

State govts should increase gas tax

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases.   For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose or strongly oppose the proposed ways states can reduce greenhouse gas emissions: State governments should increase taxes on gasoline in order to reduce consumption

1	Strongly Support
2	Somewhat Support
3	Somewhat Oppose
4	Strongly Oppose
98	Not Sure
99	Refused

Role
input

state_vehicles_v2 - State governments should require vehicles sold in their state to emit less greenhouse gases even if it increases the cost of the vehicle.

State governments should require vehicles sold in their state to emit less greenhouse gases even if it increases the cost of the vehicle.

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases.   For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose or strongly oppose the proposed ways states can reduce greenhouse gas emissions: State governments should require vehicles sold in their state to emit less greenhouse gases even if it increases the cost of the vehicle.

1	Strongly Support
2	Somewhat Support
3	Somewhat Oppose
4	Strongly Oppose
98	Not Sure
99	Refused

Role
input

state_ethanol - State governments should increase support for the development of ethanol

State governments should increase support for the development of ethanol

QUESTIONNAIRE TEXT: There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases.   For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose or strongly oppose the proposed ways states can reduce greenhouse gas emissions: State governments should increase support for the development of ethanol

1	Strongly support
2	Somewhat support
3	Somewhat oppose
4	Strongly oppose
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

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_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

GenWeight - Gender Weight

Gender Weight

Type
Numeric

Numeric Type
Double

Decimal Positions
2

Role
input

RaceWeight - Race Weight

Race Weight

Type
Numeric

Numeric Type
Double

Decimal Positions
2

Role
input

EdWeight - Education Weight

Education Weight

Type
Numeric

Numeric Type
Double

Decimal Positions
2

Role
input

AgeWeight - Age Weight

Age Weight

Type
Numeric

Numeric Type
Double

Decimal Positions
2

Role
input

Weight - Overall Weight

Overall Weight

Type
Numeric

Numeric Type
Double

Decimal Positions
2

Role
input

Fall 2008 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. What is your current age?
        (OPEN) _____
                (IF REFUSED ASK IF THEY ARE OVER THE AGE OF 18 - IF SO WRITE IN 199)

Q2. What county 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 Q18)
        Refused (Volunteered)…………...99   (SKIP TO Q18)

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	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. Al Gore's documentary "An Inconvenient Truth"	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
Q16. Severe droughts in areas across the United States.	1	2	3	4	98	99

****************************SKIP TO Q18**************************

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) _____

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)
Q18. There is not enough scientific evidence to support claims that the earth is getting warmer.	1	2	3	4	98	99
Q19. Scientists are overstating evidence about global warming for their own interests.	1	2	3	4	98	99
Q20. The Earth's atmosphere is too large for man's activity to change the climate.	1	2	3	4	98	99
Q21. Any recent warming on earth is the result of natural trends and not the activities of man.	1	2	3	4	98	99
Q22. The media is overstating the evidence about global warming.	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)
Q23. The Federal Government	1	2	3	98	99
Q24. State Governments	1	2	3	98	99
Q25. 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)
Q26. My state should not adopt anti-global warming policies unless its neighboring states also adopt similar policies.	1	2	3	4	98	99
Q27. 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
Q28. State governments will boost their economies by requiring greater use of renewable energy.	1	2	3	4	98	99
Q29. My state has already felt negative effects from global warming.	1	2	3	4	98	99
Q30. 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
Q31. My religious beliefs affect my views on how government should deal with the issue of global warming.	1	2	3 SKIP TO Q33	4 SKIP TO Q33	98 SKIP TO Q33	99 SKIP TO Q33

Q32. Which of the following best describes the affect of your religious beliefs on the role of government in dealing with the issue of global warming:

My religious beliefs lead me to support government action to address global warming…………………………………………………………………...1
Or my religious beliefs lead me to oppose government action to address global warming…………………………………………………………………....2
Beliefs do not lead to support or opposition (Volunteered)…………. …………...3
Not Sure (Volunteered)…………..…………………………………………..98
Refused (Volunteered)…………..…………………………………………99

Q33. Some states have required that a portion of the electricity produced in that state should be from renewable sources such as wind, solar or hydroelectric power. Does your state have a requirement for the production of renewable energy?

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

There have been a number of ideas proposed for how state governments can reduce the emissions of green house gases. For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose or strongly oppose the proposed ways states can reduce green house gas emissions. **[ROTATED LIST]**

	Strongly Support	Somewhat Support	Somewhat Oppose	Strongly Oppose	Not Sure (Volunteered)	Refused (Volunteered)
Q34. There should be increased state government support for clean coal technology.	1	2	3	4	98	99
Q35. State governments should require auto makers to increase the fuel efficiency of their vehicles even if it increases the cost of the vehicle	1	2	3	4	98	99
Q36. State governments should give individuals who purchase hybrid fuel vehicles a tax reduction	1	2	3	4	98	99
Q37. State governments should increase taxes on ALL fossil fuels in order to reduce consumption.	1	2	3	4	98	99
Q38. State governments should support increased use of nuclear power to reduce green house gas emissions.	1	2	3	4	98	99
Q39. State governments should allow businesses to buy and sell permits to release green house gases if it results in an overall decrease in emissions	1	2	3	4	98	99
Q40. State governments should require a set portion of all electricity to come from renewable energy sources such as wind, solar or hydroelectric power.	1	2	3	4	98	99
Q41. State governments should restrict development in suburban areas in order to cut down on the use of energy for transportation	1	2	3	4	98	99
Q42. State governments should require an increase in energy efficiency for residential and commercial buildings and appliances."	1	2	3	4	98	99
Q43. State governments should increase taxes on gasoline in order to reduce consumption					98	99
Q44. State governments should require vehicles sold in their state to emit less green house gases even if it increases the cost of the vehicle.	1	2	3	4	98	99
Q45. State governments should increase support for the development of ethanol	1	2	3	4	98	99

Q46. 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

Q47. 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

Q48. Which of the following categories best describes your religious affiliation? Are you… **[READ LIST]**

        Protestant………………………………….....1
        Catholic………………………………….…..2 (SKIP Q50)
        Jewish..…………………………………….....3 (SKIP Q50)
        Muslim .………………………………….…..4 (SKIP Q50)
        Hindu………………………………….....5 (SKIP Q50)
        Other religion (including agnostic)………...…6 (SKIP Q50)
        Atheist..……………………………….…..7 (SKIP Q50)
        Not Sure (Volunteered)……………….....98 (SKIP Q50)
        Refused (Volunteered)……………….....99 (SKIP Q50)

Q49. Would you describe yourself as an evangelical Christian?

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

Q50. 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

Q51. 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

Q52. 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

Q53. 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

Q54.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 2008 Data Tables

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Survey Methodology	
N	603 (Land line only)
Margin of Error	+/-4 %
Fielding Dates	September 8 - September 24, 2008
Data tables below are weighted by Gender, Age, Race, Income, and Education	

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Introduction

- 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
- Religious views affect my views on how government should deal with global warming

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 INTO CATEGORIES]

		Total
Thank you. What is your current age? [CODED INTO CATEGORIES]	18-29	13%
	30-44	25%
	45-64	42%
	65 and older	18%
	Refused, but stated they are 18 or over	3%
	N	*603*

*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	19%
	South	34%
	Midwest	26%
	West	21%
	N	603

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	72%
	No	17%
	Not Sure (Volunteered)	11%
	N	603

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?

		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	56%
	Fairly Confident	38%
	Not Too Confident	5%
	Not Confident At All	0%
	Not Sure (Volunteered)	1%
	N	434

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	Human Activity	34%
	Natural Patterns	19%

warming)	A Combination (Volunteered)	42%
	Not Sure (Volunteered)	6%
	N	*434*

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	61%
	Somewhat Serious	32%
	Not too Serious	5%
	Not a Problem	2%
	Not Sure (Volunteered)	1%
	N	*434*

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? (Among those who said there is solid evidence of global warming)	Yes, it requires immediate government action	70%
	Not, it does not require immediate government action	19%
	Not Sure (Volunteered)	10%
	N	*434*

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	18%
	Warmer Temperatures Observed	23%
	Weather Changes	19%
	Scientific	

Research/Data		8%
Al Gore's Documentary		2%
Media Coverage		14%
Declining Species		1%
Human Activity		4%
Natural Patterns		1%
Not Sure/Other		12%
Population Growth		<1%
Growing Seasons/Plants		<1%
	N	434

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	Al Gore's documentary "An Inconvenient Truth"	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 earth is getting warmer	Very Large	62%	44%	30%	49%	22%	36%	41%	49%
	Somewhat Large	25%	27%	34%	30%	20%	31%	25%	31%
	Not Too Large	5%	16%	14%	8%	7%	13%	10%	7%
	No Effect	3%	10%	11%	9%	21%	18%	13%	9%
	Not Sure (Volunteered)								

| warmer. (Among those who said there is solid evidence of global warming) [ROTATED LIST] | (volunteered) | 5% | 2% | 12% | 5% | 30% | 2% | 11% | 4% |
| | N | 434 | 434 | 434 | 434 | 423 | 434 | 434 | 434 |

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

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	39%
	Natural Patterns	21%
	Not Enough Evidence	9%
	Media has Misled	1%
	Evidence Disproves	6%
	Religious Factors	0%
	Political Factors	2%
	No Particular Reason	8%
	Not Sure/Other	14%
	N	100

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

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,

Q18. 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	23%
	Somewhat Agree	17%
	Somewhat Disagree	18%
	Strongly Disagree	38%
	Not Sure (Volunteered)	5%
	N	602

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

Q19. 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	21%
	Somewhat Agree	18%
	Somewhat Disagree	21%
	Strongly Disagree	37%
	Not Sure (Volunteered)	4%
	N	602

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

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Q20. The Earth's atmosphere is too large for man's activity to change the climate.

		Total
The Earth's atmosphere is too large for man's activity to change the climate.	Strongly Agree	11%
	Somewhat Agree	13%
	Somewhat Disagree	22%
	Strongly Disagree	47%
	Not Sure (Volunteered)	7%
	N	602

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

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Q21. 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	21%
	Somewhat Agree	18%
	Somewhat Disagree	23%
	Strongly Disagree	30%
	Not Sure (Volunteered)	8%
	N	602

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

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Q22. The media is overstating the evidence about global warming.

		Total
The media is overstating the evidence about global warming.	Strongly Agree	24%
	Somewhat Agree	24%

Somewhat Disagree		16%
Strongly Disagree		31%
Not Sure (Volunteered)		5%
	N	601

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

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Q23-25. 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	47%	32%	26%
	Some Responsibility	32%	46%	47%
	No Responsibility	16%	17%	22%
	Not Sure (Volunteered)	5%	4%	5%
	N	601	601	601

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

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Q26-31. 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]

		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 religious beliefs affect my views on how government should deal with the issue of 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	20%	41%	46%	28%	14%	9%
	Somewhat Agree	15%	28%	31%	30%	24%	8%
	Somewhat Disagree	22%	9%	6%	12%	20%	8%
	Strongly Disagree	38%	17%	9%	17%	29%	69%
	Not Sure (Volunteered)	5%	5%	8%	14%	13%	6%
	N	597	601	602	600	602	600

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

Q32. Which of the following best describes the effect of your religious beliefs on the role of government in dealing with the issue of global warming:

		Total
Which of the following best describes the effect of your religious beliefs on the role of government in dealing with the issue of global warming? (Among those who said their religious beliefs effect their views on how government should deal with the issue of global warming)	My religious beliefs lead me to support government action to address global warming	29%
	My religious beliefs lead me to oppose government action to address global warming	22%
	Beliefs do not lead to support or opposition (Volunteered)	34%
	Not Sure (Volunteered)	15%
	N	*98*

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

Q33. Some states have required that a portion of the electricity produced in that state should be from renewable sources such as wind, solar or hydroelectric power. Does your state have a requirement for the production of renewable energy?

		Total
Some states have required that a portion of the electricity produced in that state should be from renewable sources such as wind, solar or hydroelectric power. Does your state have a requirement for the production of renewable energy?	Yes	17%
	No	30%
	Not Sure (Volunteered)	54%
	N	*602*

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

Q34-45. There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases. For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose or strongly oppose the proposed ways states can reduce greenhouse gas emissions. [ROTATED LIST]

	State governments should require auto makers to increase	State	State	State governments should support	State governments should allow businesses to buy and sell permits to

		There should be increased state government support for clean coal technology.	the fuel efficiency of their vehicles even if it increases the cost of the vehicle.	governments should give individuals who purchase hybrid fuel vehicles a tax reduction.	governments should increase taxes on ALL fossil fuels in order to reduce consumption.	increased use of nuclear power to reduce greenhouse gas emissions.	release greenhouse gases if it results in an overall decrease in emissions.
There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases. For each idea that I mention please tell me if you strongly support, somewhat support, somewhat oppose or strongly oppose the proposed ways states can reduce greenhouse gas emissions. [ROTATED LIST]	Strongly Support	51%	52%	46%	17%	33%	26%
	Somewhat Support	29%	24%	27%	19%	24%	30%
	Somewhat Oppose	4%	8%	9%	18%	12%	8%
	Strongly Oppose	7%	12%	14%	40%	17%	18%
	Not Sure (Volunteered)	10%	5%	5%	6%	14%	18%
	N	601	602	602	602	602	601

		State governments should require a set portion of all electricity to come from renewable energy sources such as wind, solar or hydroelectric power.	State governments should restrict development in suburban areas in order to cut down on the use of energy for transportation.	State governments should require an increase in energy efficiency for residential and commercial buildings and appliances.	State governments should increase taxes on gasoline in order to reduce consumption.	State governments should require vehicles sold in their state to emit less greenhouse gases even if it increases the cost of the vehicle.	State governments should increase support for the development of ethanol.
There have been a number of ideas proposed for how state governments can reduce the emissions of greenhouse gases. For each idea that I mention please tell me if you strongly support, somewhat	Strongly Support	61%	25%	50%	10%	35%	34%
	Somewhat Support	23%	24%	29%	13%	29%	26%
	Somewhat Oppose	5%	17%	6%	12%	11%	12%
	Strongly						

support, somewhat oppose or strongly oppose the proposed ways states can reduce greenhouse gas emissions. [ROTATED LIST]	Strongly Oppose	7%	24%	11%	62%	18%	18%
	Not Sure (Volunteered)	5%	10%	5%	4%	7%	11%
	N	601	602	602	602	602	602

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

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Q46. 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	24%
	1 to 50 dollars per year	16%
	50 to 100 dollars a year	16%
	100 to 250 dollars a year	13%
	250 to 500 dollars a year	10%
	Over 500 dollars a year	7%
	Not Sure (Volunteered)	15%
	N	596

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

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Finally a few questions about yourself.

Q47. 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	71%
	African-American	12%
	Hispanic	7%
	Latino	3%
	Asian	2%
	Native American	1%
	Mixed Race	3%
	Other	2%
	N	587

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

Q48. Which of the following categories best describes your religious affiliation? Are you [READ LIST]

		Total
Which of the following categories best describes your religious affiliation? Are you [READ LIST]	Protestant	35%
	Catholic	30%
	Jewish	2%
	Muslim	1%
	Hindu	<1%
	Other Religion (Including Agnostic)	26%
	Atheist	4%
	Not Sure (Volunteered)	3%
	N	566

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

Q49. Would you describe yourself as an evangelical Christian?

		Total
Would you describe yourself as an evangelical Christian? (Among those who identified as Protestant)	Yes	45%
	No	45%
	Not Sure (Volunteered)	10%
	N	198

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

Q50. What is your highest level of education? [READ LIST]

		Total
What is your highest level of education? [READ LIST]	Less Than High School Graduate	5%
	High School Graduate	30%
	Some College or Technical School	27%
	College Graduate	23%
	Graduate or Professional Degree	16%
	Not Sure (Volunteered)	0%
	N	597

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

Q51. 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	58%
	Newspapers	16%
	Talk Radio Programs	4%
	Radio News Programs	3%
	The Internet	16%
	Other (Volunteered)	2%
	Not Sure (Volunteered)	1%
	N	596

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

Q52. Which of the following best describes your political party affiliation? [READ LIST]

		Total
Which of the following best describes your political party affiliation? [READ LIST]	Democrat	35%
	Republican	27%
	Other Party	5%
	Independent	27%
	Not Sure (Volunteered)	6%
	N	560

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

Q53. 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	13%
	20,000 - 40,000	22%
	40,000 - 60,000	20%
	60,000 - 80,000	12%
	80,000 - 100,000	10%
	Over 100,000	21%
	Not Sure (Volunteered)	3%
	N	485

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

Respondent Gender

		Total
Respondent Gender	Male	48%
	Female	52%
	N	602

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

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