

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

**National Surveys on Energy and Environment Public Use
Datasets:
Fall 2011**

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Summary

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

The Fall 2011 NSEE included longitudinal questions about belief in climate change, plus additional content related to policy options to reduce greenhouse gas emissions, and more.

Methodology

Survey Methodology	
N	887
Margin of Error	+/- 3.5%
Fielding Dates	December 4, 2011 – December 21, 2011
AAPOR RR3 Response Rate	11%
Weighted by: Age, Gender, Educational Attainment, Race, and Region.	

The results are based on a telephone survey of 887 adult (age 18 or older) residents of the United States between December 4 and December 21, 2011. Respondents were interviewed in English on both landlines and cell phones by the staff of the Muhlenberg College Institute of Public Opinion (MCIPO) in Allentown, Pennsylvania on the Institute's Computer Aided Telephone Interviewing (CATI) system. 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 887 respondents the margin of error for the surveys is $\pm 3.5\%$ 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 11%. The instrument was designed by Christopher Borick of Muhlenberg College and Barry Rabe of the University of Michigan. For more detailed information on the methods employed please contact the MCIPO at 484-664-3444 or email Dr. Borick at cborick@muhlenberg.edu.

Funding and Financial Disclosure

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

Variable Naming

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

LIST OF VARIABLES

Variable	Label
RespNum	Respondent Number
Sample	Split Sample Group
Month	Month of Interview
Date	Date
Demog_age_list	Age: by category
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
gw_concern	How concerned are you about the issue of global warming
believer_factor_open	Belief factor: primary factor OPEN ENDED
believer_factor_open_coded	Belief factor: primary factor OPEN ENDED coded
believer_factor_glaciers	Belief factor: Declining glaciers & polar ice
believer_factor_warmer	Belief factor: warmer temps in your area
believer_factor_models	Belief factor: computer models that indicate the earth is getting warmer
believer_factor_hurricane	Belief factor: Strength of US hurricanes
believer_factor_ipcc	Belief factor: reports from the Intergovernmental Panel on Climate Change
believer_factor_unipcc	Belief factor: reports from UN Intergovernmental Panel on Climate Change
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_confidence	How confident are you that the average temperature on earth is NOT increasing
nonbeliever_factor_open	Nonbelief factor: primary factor OPEN ENDED
nonbeliever_factor_open_coded	Nonbelief factor: primary factor OPEN ENDED coded
nonbeliever_factor_weath	Nonbelief factor: Personal observations of weather in area
nonbeliever_factor_scievid	Nonbelief factor: Scientific evidence disproves existence of GW
nonbeliever_factor_distort	Nonbelief Factor: Reports that scientists distort data about GW
gw_noevidence	Not enough scientific evidence to support claims that the earth is warming
gw_scioverstate	Scientists overstating evidence about GW for their own interests
gw_nattrend	Recent warming on earth is the result of natural trends, not the human activity
gw_mediaoverstate	The media is overstating the evidence about global warming.
fed_industrial	Agreement that federal govt should stop plan requiring industries to reduce GHG
gw_sciencelimitimpact	If GW occurs, I'm confident scientists able to alter climate to limit problems
gw_geoengrharm	Attempts to reduce GW by adding material to atmosphere cause more harm than good

gw_geoengr	Humans able to find ways to reduce temps through atmospheric engineering
gw_adapt	Instead of trying to stop GW from occurring we should focus on adapting
gw_adapteasy	Humans able to adapt to a hotter climate w/o significant changes to lifestyles
govt_fed	How much responsibility federal govt has for taking actions to reduce GW
govt_state	How much responsibility state govts have for taking actions to reduce GW
govt_local	How much responsibility local govts have for taking actions to reduce GW
gastax_support_v2	Favorability of a tax on each gallon of gas
gastax_support_fee	Favorability of environmental fee on gallon of gas
captrade_support_limit	Favorability of cap & trade using "limits" & "swap" language
captrade_support_cap	Favorability of cap & trade using "caps" & "trade" language
electrictax_support_v2	Favorability of a surcharge on monthly electric bills
electrictax_support_v3	Favorability of an environmental levy on monthly electric bills
captrade_support_v1	Support for cap & trade
captrade_rev4renewbls	Support for cap & trade if revenues used to develop renewable energy
captrade_rev4debt	Support for cap & trade if revenues used to reduce national debt
carbontax_support	Support for reducing GHG by taxing carbon based fuels
carbontax_rev4renewbls	Support for carbon tax if revenues used to develop renewable energy
carbontax_rev4debt_v1	Support for carbon tax if revenues used to reduce national debt
carbontax_rev4inctax	Support for carbon tax if revenues used to reduce income taxes
carbontax_revfed_v1	Revenue use if federal govt enacted a carbon tax
carbontax_revstate	Revenue use if state govt enacted a carbon tax
willing2pay_list	How much would you be willing to pay/year for more renewable energy
intl_support_v1	Support for intl GHG treaty
intl_support_cost	Support for intl GHG treaty if cost of fossil fuels increased
intl_support_china_v1	Support for intl GHG treaty if China & India do not sign
demog_persfinance	Is personal financial situation getting better or worse
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	Total weight

National Surveys on Energy and Environment: Fall 2011 Data

Respnum

Representation

Numeric

Decimal Positions

2

Role

input

CODEBOOK NOTE:

For Respnum=794, the respondent had a US telephone number, but identified as living in Canada. Therefore, they were not part of the target sample. All variables except for Respnum, Month, and Date have been recoded to system missing for this case.

sample – Split Sample Group

Split Sample Group

Type

Text

A Sample A
B Sample B

Role

input

CODEBOOK NOTE:

This variable indicates which sample a respondent belonged to, for the split sample questions in this survey. See specific codebook notes for information on the split sample questions.

Month

Representation

Numeric

Decimal Positions

2

Role
input

Date

Representation

Numeric

Decimal Positions

2

Role
input

demog_age_list - Age: by category

Age: by category

QUESTIONNAIRE TEXT: In which category does your current age fall? (READ LIST)

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

Role
input

demog_state - State of residence

State of residence

QUESTIONNAIRE TEXT: What state do you currently reside in?

Type
Text

Role
input

CODEBOOK NOTE:

For Respnum=794, the respondent had a US telephone number, but identified as living in Canada. Therefore, they were not part of the target sample. All variables except for Respnum, Month, and Date have been recoded to system missing for this case.

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

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

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

How concerned are you about the issue of global warming

QUESTIONNAIRE TEXT: How concerned are you about the issue of global warming?

-9	Not asked - split sample
1	Very concerned
2	Somewhat concerned
3	Not too concerned
4	Not concerned at all
98	Not sure
99	Refused

Role

input

SKIP PATTERN:

Not asked unless gw_belief=1

believer_factor_open - Belief factor: primary factor OPEN ENDED

Belief factor: primary factor OPEN ENDED

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

Type
Text

Role
input

SKIP PATTERN:
Not asked unless gw_belief=1

believer_factor_open_coded - Belief factor: primary factor OPEN ENDED coded

Belief factor: primary factor OPEN ENDED coded

-9	Not asked - not applicable
1	Melting Glaciers
2	Warmer Temps Observed
3	Weather Change
4	Scientific Research
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_ipcc - Belief factor: reports from the Intergovernmental Panel on Climate Change

Belief factor: reports from the Intergovernmental Panel on Climate Change

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

-99	Not asked - split sample
-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.

CODEBOOK NOTE:

Respondents were asked one of two versions for the believer_factor_ipcc question. Sample A was asked believer_factor_ipcc and sample B was asked believer_factor_unipcc. The variable Sample indicates which sample a respondent belonged to. Sample B respondents are coded in believer_factor_ipcc as -99 “Not asked - split sample”

SKIP PATTERN:

not asked unless gw_belief=1

believer_factor_unipcc - Belief factor: reports from UN Intergovernmental Panel on Climate Change

Belief factor: reports from UN Intergovernmental Panel on Climate Change

QUESTIONNAIRE TEXT: Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer: Reports from the United Nations Intergovernmental Panel on Climate Change.

-99	Not asked - split sample
-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.

CODEBOOK NOTE:

Respondents were asked one of two versions for the believer_factor_ipcc question. Sample A was asked believer_factor_ipcc and sample B was asked believer_factor_unipcc. The variable Sample indicates which sample a respondent belonged to. Sample B respondents are coded in believer_factor_unipcc as -99 “Not asked - split sample”

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

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

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

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

Role
input

SKIP PATTERN:

not asked unless gw_belief=2

nonbeliever_factor_open - Nonbelief factor: primary factor OPEN ENDED

Nonbelief factor: primary factor OPEN ENDED

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

Type
Text

Role
input

SKIP PATTERN:

not asked unless gw_belief=2

nonbeliever_factor_open_coded - Nonbelief factor: primary factor OPEN ENDED coded

Nonbelief factor: primary factor OPEN ENDED coded

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

Role
input**SKIP PATTERN:**

nonbeliever_factor_open not asked unless gw_belief=2

nonbeliever_factor_weath - Nonbelief factor: Personal observations of weather in area

Nonbelief factor: Personal observations of weather in area

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

	-9 Not asked - not applicable
	1 Very large
	2 Somewhat large

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

Role
input

CODEBOOK NOTE:

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

SKIP PATTERN:

not asked unless gw_belief=2

nonbeliever_factor_scievid - Nonbelief factor: Scientific evidence disproves existence of GW

Nonbelief factor: Scientific evidence disproves existence of GW

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

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

Role
input

CODEBOOK NOTE:

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

SKIP PATTERN:

not asked unless gw_belief=2

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

Nonbelief Factor: Reports that scientists distort data about GW

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

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

Role

input

CODEBOOK NOTE:

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

SKIP PATTERN:

not asked unless gw_belief=2

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

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

QUESTIONNAIRE TEXT: Please identify your level of agreement with the following statements. For each statement please indicate if you strongly agree, somewhat agree, somewhat disagree or strongly disagree. There is not enough scientific evidence to support claims that the earth is getting warmer.

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

Role
input

CODEBOOK NOTE:

The order in which gw_noevidence, gw_scioverstate, gw_nattrend, gw_mediaoverstate, fed_industrial, gw_sciencelimitimpact, gw_geoengrharm, gw_geoengr, gw_adapt, and gw_adapteasy 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, gw_nattrend, gw_mediaoverstate, fed_industrial, gw_sciencelimitimpact, gw_geoengrharm, gw_geoengr, gw_adapt, and gw_adapteasy were asked was rotated.

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

CODEBOOK NOTE:

The order in which gw_noevidence, gw_scioverstate, gw_nattrend, gw_mediaoverstate, fed_industrial, gw_sciencelimitimpact, gw_geoengrcharm, gw_geoengr, gw_adapt, and gw_adapteasy 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, gw_nattrend, gw_mediaoverstate, fed_industrial, gw_sciencelimitimpact, gw_geoengrcharm, gw_geoengr, gw_adapt, and gw_adapteasy were asked was rotated.

fed_industrial - Agreement that federal govt should stop plan requiring industries to reduce GHG

Agreement that federal govt should stop plan requiring industries to reduce GHG

QUESTIONNAIRE TEXT: Please identify your level of agreement with the following statements. For each statement please indicate if you strongly agree, somewhat agree, somewhat disagree or strongly disagree. The federal government should stop its current plan to require large industries to reduce greenhouse gas emissions

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, gw_nattrend, gw_mediaoverstate, fed_industrial, gw_sciencelimitimpact, gw_geoengrharm, gw_geoengr, gw_adapt, and gw_adapteasy were asked was rotated.

gw_sciencelimitimpact - If GW occurs, I'm confident scientists able to alter climate to limit problems

If GW occurs, I'm confident scientists able to alter climate to limit problems

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 global warming does take place, I have confidence that scientists would be able to find ways to alter the climate in a way that limits problems.

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, gw_nattrend, gw_mediaoverstate, fed_industrial, gw_sciencelimitimpact, gw_geoengrharm, gw_geoengr, gw_adapt, and gw_adapteasy were asked was rotated.

gw_geoengrharm - Attempts to reduce GW by adding material to atmosphere cause more harm than good

Attempts to reduce GW by adding material to atmosphere cause more harm than good

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. Attempts to reduce global warming by adding materials to the atmosphere will cause more harm than good for the environment.

	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, gw_nattrend, gw_mediaoverstate, fed_industrial, gw_sciencelimitimpact, gw_geoengrharm, gw_geoengr, gw_adapt, and gw_adapteasy were asked was rotated.

gw_geoengr - Humans able to find ways to reduce temps through atmospheric engineering

Humans able to find ways to reduce temps through atmospheric engineering

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 human activity leads to global warming then humans will also be able to find ways to reduce temperatures on the planet through atmospheric engineering methods.

	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, gw_nattrend, gw_mediaoverstate, fed_industrial, gw_sciencelimitimpact, gw_geoengrharm, gw_geoengr, gw_adapt, and gw_adapteasy were asked was rotated.

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

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

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

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

Role
input

CODEBOOK NOTE:

The order in which gw_noevidence, gw_scioverstate, gw_nattrend, gw_mediaoverstate, fed_industrial, gw_sciencelimitimpact, gw_geoengrharm, gw_geoengr, gw_adapt, and gw_adapteasy were asked was rotated.

gw_adapteasy - Humans able to adapt to a hotter climate w/o significant changes to lifestyles

Humans able to adapt to a hotter climate w/o significant changes to lifestyles

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. Humans will be able to adapt to a hotter climate without making significant changes to their lifestyles.

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, gw_nattrend, gw_mediaoverstate, fed_industrial,

gw_sciencelimitimpact, gw_geoengrharm, gw_geoengr, gw_adapt, and gw_adapteasy were asked was rotated.

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

gastax_support_v2 – Favorability of a tax on each gallon of gas

Favorability of a tax on each gallon of gas

QUESTIONNAIRE TEXT: Next I would like to ask you your views on a number of policies that have been proposed to reduce the emission of greenhouse gases into the atmosphere. For each of the policy options that I mention, please indicate if you view that proposal favorably or unfavorably. A tax on each gallon of gasoline purchased by consumers.

-9	Not asked - split sample
1	Favorable
2	Unfavorable
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

Respondents were asked one of two versions of the gastax_support question. Sample A was asked gastax_support_v2 and sample B was asked gastax_support_fee. The variable Sample indicates which sample a respondent belonged to. Sample B respondents are coded in gastax_support_v2 as -9 “Not asked – split sample”.

gastax_support_fee - Favorability of environmental fee on gallon of gas

Favorability of environmental fee on gallon of gas

QUESTIONNAIRE TEXT: Next I would like to ask you your views on a number of policies that have been proposed to reduce the emission of greenhouse gases into the atmosphere. For each of the policy options that I mention, please indicate if you view that proposal favorably or unfavorably. An environmental fee on each gallon of gasoline purchased by consumers.

-9	Not asked - split sample
1	Favorable
2	Unfavorable
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

Respondents were asked one of two versions of the gastax_support question. Sample A was asked gastax_support_v2 and sample B was asked gastax_support_fee. The variable Sample indicates which sample a respondent belonged to. Sample A respondents are coded in gastax_support_fee as -9 "Not asked – split sample".

captrade_support_limit - Favorability of cap & trade using "limits" & "swap" language

Favorability of cap & trade using "limits" & "swap" language

QUESTIONNAIRE TEXT: Next I would like to ask you your views on a number of policies that have been proposed to reduce the emission of greenhouse gases into the atmosphere. For each of the policy options that I mention, please indicate if you view that proposal favorably or unfavorably. A system where government limits the amount of greenhouse gases emitted by businesses through the provision of pollution credits and provides those businesses with the right to swap or sell those pollution credits.

-9	Not asked - split sample
1	Favorable
2	Unfavorable
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

Respondents were asked one of two versions of the captrade_support question. Sample A was asked

captrade_support_limit and sample B was asked captrade_support_cap. The variable Sample indicates which sample a respondent belonged to. Sample B respondents are coded in captrade_support_limit as -9 “Not asked – split sample”. All respondents were asked the additional question captrade_support_v1.

captrade_support_cap - Favorability of cap & trade using "caps" & "trade" language

Label

Favorability of cap & trade using "caps" & "trade" language

QUESTIONNAIRE TEXT: Next I would like to ask you your views on a number of policies that have been proposed to reduce the emission of greenhouse gases into the atmosphere. For each of the policy options that I mention, please indicate if you view that proposal favorably or unfavorably. 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.

-9	Not asked - split sample
1	Favorable
2	Unfavorable
98	Not sure
99	Refused

Role

input

CODEBOOK NOTE:

Respondents were asked one of two versions of the captrade_support question. Sample A was asked captrade_support_limit and sample B was asked captrade_support_cap. The variable Sample indicates which sample a respondent belonged to. Sample A respondents are coded in captrade_support_cap as -9 “Not asked – split sample”. All respondents were asked the additional question captrade_support_v1.

electrictax_support_v2 - Favorability of a surcharge on monthly electric bills

Favorability of a surcharge on monthly electric bills

QUESTIONNAIRE TEXT: Next I would like to ask you your views on a number of policies that have been proposed to reduce the emission of greenhouse gases into the atmosphere. For each of the policy options that I mention, please indicate if you view that proposal favorably or unfavorably. A surcharge on monthly electric bills.

-9	Not asked - split sample
1	Favorable
2	Unfavorable
98	Not sure

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

Role

input

CODEBOOK NOTE:

Respondents were asked one of two versions of the electrixtax_support question. Sample A was asked electrixtax_support_v2 and sample B was asked electrixtax_support_v3. The variable Sample indicates which sample a respondent belonged to. Sample B respondents are coded in electrixtax_support_v2 as -9 “Not asked – split sample”.

electrixtax_support_v3 - Favorability of an environmental levy on monthly electric bills

Label

Favorability of an environmental levy on monthly electric bills

QUESTIONNAIRE TEXT: Next I would like to ask you your views on a number of policies that have been proposed to reduce the emission of greenhouse gases into the atmosphere. For each of the policy options that I mention, please indicate if you view that proposal favorably or unfavorably. An environmental fee on monthly electric bills.

-9	Not asked - split sample
1	Favorable
2	Unfavorable
98	Not sure
99	Refused

Role

input

CODEBOOK NOTE:

Respondents were asked one of two versions of the electrixtax_support question. Sample A was asked electrixtax_support_v2 and sample B was asked electrixtax_support_v3. The variable Sample indicates which sample a respondent belonged to. Sample A respondents are coded in electrixtax_support_v3 as -9 “Not asked – split sample”.

captrade_support_v1 - Support for cap & trade

Support for cap & trade

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

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

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

Role
input

captrade_rev4renewbls - Support for cap & trade if revenues used to develop renewable energy

Support for cap & trade if revenues used to develop renewable energy

QUESTIONNAIRE TEXT: What if revenue generated from the sales of permits to businesses was used to develop renewable energy resources? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

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

Role
input

captrade_rev4debt - Support for cap & trade if revenues used to reduce national debt

Support for cap & trade if revenues used to reduce national debt

QUESTIONNAIRE TEXT: What if revenue generated from the sales of permits to businesses was used to reduce the national debt? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

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

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

Role
input

carbontax_support - Support for reducing GHG by taxing carbon based fuels

Support for reducing GHG by taxing carbon based fuels

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

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

Role
input

carbontax_rev4renewbls - Support for carbon tax if revenues used to develop renewable energy

Support for carbon tax if revenues used to develop renewable energy

QUESTIONNAIRE TEXT: What if revenue generated from a carbon tax was used to develop renewable energy resources? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

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

Role
input

carbontax_rev4debt_v1 - Support for carbon tax if revenues used to reduce national debt

Support for carbon tax if revenues used to reduce national debt

QUESTIONNAIRE TEXT: What if revenue generated from a carbon tax was used to reduce the national debt? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

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

Role
input

CODEBOOK NOTE:

Respondents were asked one of two versions of the carbontax_rev4 question. Sample A was asked carbontax_rev4debt_v1 and sample B was asked carbontax_rev4inctax. The variable Sample indicates which sample a respondent belonged to. Sample B respondents are coded in carbontax_rev4debt_v1 as -9 "Not asked - split sample".

carbontax_rev4inctax - Support for carbon tax if revenues used to reduce income taxes

Support for carbon tax if revenues used to reduce income taxes

QUESTIONNAIRE TEXT: What if revenue generated from a carbon tax was used to reduce taxes on personal income? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

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

Role
input

CODEBOOK NOTE:

Respondents were asked one of two versions of the carbontax_rev4 question. Sample A was asked carbontax_rev4debt_v1 and sample B was asked carbontax_rev4inctax. The variable Sample indicates which sample a respondent belonged to. Sample A respondents are coded in carbontax_rev4inctax as -9 “Not asked – split sample”.

carbontax_revfed_v1 - Revenue use if federal govt enacted a carbon tax

Revenue use if federal govt enacted a carbon tax

QUESTIONNAIRE TEXT: If the federal government enacted a tax on carbon fuels, where do you prefer the money generated from the tax be spent? Do you prefer that it be...[READ LIST]

-9	Not asked - split sample
1	Used to fund renewable energy research
2	Used to reduce the federal deficit
3	Returned to citizens through payroll tax reductions
4	Returned to citizens through tax rebates
5	Sustain existing government programs
6	Government should repeal tax
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

carbontax_revfed_v1 and carbontax_revstate were asked as a split sample. Sample A was asked carbontax_revfed_v1 and sample B was asked carbontax_revstate. The variable Sample indicates which sample a respondent belonged to. Sample B respondents are coded in carbontax_revfed_v1 as -9 “Not asked – split sample”.

carbontax_revstate - Revenue use if state govt enacted a carbon tax

Revenue use if state govt enacted a carbon tax

QUESTIONNAIRE TEXT: If your state government enacted a tax on carbon fuels, where do you prefer the money generated from the tax be spent? Do you prefer that it be...[READ LIST]

-9	Not asked - split sample
1	Used to fund renewable energy research
2	Used to reduce the federal deficit
3	Returned to citizens through payroll tax reductions
4	Returned to citizens through tax rebates
5	Sustain existing government programs
6	Government should repeal tax
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

carbontax_revfed_v1 and carbontax_revstate were asked as a split sample. Sample A was asked carbontax_revfed_v1 and sample B was asked carbontax_revstate. The variable Sample indicates which sample a respondent belonged to. Sample A respondents are coded in carbontax_revstate as -9 “Not asked – split sample”.

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: (READ LIST)

1	Nothing
2	\$1-\$50 per year
3	\$51-\$100 per year
4	\$101-\$250 per year
5	\$251-\$500 per year
6	Over \$500 per year
98	Not sure
99	Refused

Role
input

intl_support_v1 - Support for intl GHG treaty

Support for intl GHG treaty

QUESTIONNAIRE TEXT: Which of the following best describes your views on the United States signing an international climate treaty that would limit the emission of greenhouse gases? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose the U.S. signing an international treaty to limit greenhouse gas emissions?

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

Role
input

intl_support_cost - Support for intl GHG treaty if cost of fossil fuels increased

Support for intl GHG treaty if cost of fossil fuels increased

QUESTIONNAIRE TEXT: What if signing the treaty meant that the price of fossil fuels would become more expensive in the United States? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose the U.S. signing such a treaty?

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

Role
input

intl_support_china_v1 - Support for intl GHG treaty if China & India do not sign

Support for intl GHG treaty if China & India do not sign

QUESTIONNAIRE TEXT: What if China and India decided not to sign on to the treaty? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose the United States signing an international treaty to limit greenhouse gas emissions?

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

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

Role
input

demog_persfinance - Is personal financial situation getting better or worse

Is personal financial situation getting better or worse

QUESTIONNAIRE TEXT: Would you say that your personal financial situation is getting better or getting worse?

1	Better
2	Worse
3	About the same
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

Label

Religious affiliation

Representation

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

Role

input

demog_relig_evang - Religious affiliation: evangelical Christian

Religious affiliation: evangelical Christian

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

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

Role
input

CODEBOOK NOTE:

not asked unless demog_relig=1

demog_edu - Highest level of education

Highest level of education

QUESTIONNAIRE TEXT: What is your highest level of education?

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

Role
input

demog_news - Primary source for national & world news

Primary source for national & world news

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

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

Role
input

demog_polparty - Political party affiliation

Political party affiliation

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

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

Role
input

demog_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, race, educational attainment, region, and gender.

Fall 2011 NSAPOCC
(now the National Surveys on Energy and the Environment)
FINAL INSTRUMENT

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

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

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

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

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?

Yes1
No2 (SKIP TO Q18)
Not Sure (Volunteered).....98 (SKIP TO Q23)
Refused (Volunteered).....99 (SKIP TO Q23)

Q4. How confident are you that the average temperature on earth is increasing? Are you very confident, fairly confident, not too confident or not confident at all that the average temperature on earth is increasing?

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

Q5. Is the earth getting warmer because of human activity such as burning fossil fuels, or mostly because of natural patterns in the earth's environment?

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

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

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

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

Very concerned.....1
 Somewhat concerned..... 2
 Not too concerned.....3
 Not concerned at all.....4
 Not Sure (Volunteered).....98
 Refused (Volunteered).....99

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

(OPEN)_____

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

	Very Large	Somewhat Large	Not too Large	No Effect	Not Sure (Volunteered)	Refused (Volunteered)
Q9. Declining glaciers and polar ice throughout the globe.	1	2	3	4	98	99
Q10. Warmer temperatures in your area during recent years.	1	2	3	4	98	99
Q11. Computer models that indicate the earth is getting warmer.	1	2	3	4	98	99
Q12. The strength of hurricanes hitting the United States.	1	2	3	4	98	99

SPLIT SAMPLE [half gets Q13A; other half gets Q13B]						
Q13A. Reports from the Intergovernmental Panel on Climate Change.	1	2	3	4	98	99
Q13B. Reports from the United Nations Intergovernmental Panel on Climate Change.						
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
Q17. Extreme weather events such as major storms and floods.	1	2	3	4	98	99

*****SKIP TO Q23*****

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

Q18. How confident are you that the average temperatures on earth are NOT increasing? Are you very confident, fairly confident, not too confident or not confident at all that the average temperature on earth is NOT increasing?

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

Q19. 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)
Q20. Your personal observations of weather in your area	1	2	3	4	98	99
Q21. Scientific evidence that disproves the existence of global warming	1	2	3	4	98	99
Q22. Reports that climate scientists have distorted data to demonstrate that global warming is occurring	1	2	3	4	98	99

****ALL RESPONDENTS****

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

	Strongly Agree	Somewhat Agree	Somewhat Disagree	Strongly Disagree	Not Sure (Volunteered)	Refused (Volunteered)
Q23. There is not enough scientific evidence to support claims that the earth is getting warmer.	1	2	3	4	98	99
Q24. Scientists are overstating evidence about global warming for their own interests.	1	2	3	4	98	99
Q25. Any recent warming on earth is the result of natural trends and not the activities of man.	1	2	3	4	98	99
Q26. The media is overstating the evidence about global warming.	1	2	3	4	98	99
Q27. The federal government should stop its current plan to require large industries to reduce greenhouse gas emissions.	1	2	3	4	98	99

Q28. If global warming does take place, I have confidence that scientists would be able to find ways to alter the climate in a way that limits problems.	1	2	3	4	98	99
Q29. Attempts to reduce global warming by adding materials to the atmosphere will cause more harm than good for the environment.	1	2	3	4	98	99
Q30. If human activity leads to global warming then humans will also be able to find ways to reduce temperatures on the planet through atmospheric engineering methods.	1	2	3	4	98	99
Q31. Instead of trying to stop global warming from occurring we should focus on adapting to a warmer climate.	1	2	3	4	98	99
Q32. Humans will be able to adapt to a hotter climate without making significant changes to their lifestyles.	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)
Q33. The Federal Government	1	2	3	98	99
Q34. State Governments	1	2	3	98	99
Q35. Local Governments	1	2	3	98	99

Next I would like to ask you your views on a number of policies that have been proposed to reduce the emission of greenhouse gases into the atmosphere. For each of the policy options that I mention, please indicate if you view that proposal favorably or unfavorably. First:

NOTE: SPLIT SAMPLE for Q36-38. Half gets Version A; other half gets Version B

	Favorable	Unfavorable	Not Sure (Volunteered)	Refused (Volunteered)
Q36A. A tax on each gallon of gasoline purchased by consumers.	1	2	98	99
Q36B. An environmental fee on each gallon of gasoline purchased by consumers.				
Q37A. A system where government limits the amount of greenhouse gases emitted by businesses through the provision of pollution credits and provides those businesses with the right to swap or sell those pollution credits.	1	2	98	99
Q37B. 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.				
Q38A. A surcharge on monthly electric bills.	1	2	98	99
Q38B. An environmental fee on monthly electric bills.				

Q39. There is a proposed system called cap and trade where the government would issue permits limiting the amount of greenhouse gases companies can release. Companies that did not use all their permits could sell them to other companies. The idea is that many companies would find ways to put out less greenhouse gases because that would be cheaper than buying permits. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

Strongly Support 1
 Somewhat Support 2
 Somewhat Oppose 3
 Strongly Oppose 4
 Not Sure (Volunteered)..... 98
 Refused (Volunteered)..... 99

Q40. What if revenue generated from the sales of permits to businesses was used to develop renewable energy resources? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

Strongly Support	1
Somewhat Support	2
Somewhat Oppose	3
Strongly Oppose	4
Not Sure (Volunteered).....	98
Refused (Volunteered)	99

Q41. What if revenue generated from the sales of permits to businesses was used to reduce the national debt? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

Strongly Support	1
Somewhat Support	2
Somewhat Oppose	3
Strongly Oppose	4
Not Sure (Volunteered).....	98
Refused (Volunteered)	99

Q42. Another way to lower greenhouse gas emissions would be to increase taxes on carbon based fuels such as coal, oil, gasoline, and natural gas. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

Strongly Support	1
Somewhat Support	2
Somewhat Oppose	3
Strongly Oppose	4
Not Sure (Volunteered).....	98
Refused (Volunteered)	99

Q43. What if revenue generated from a carbon tax was used to develop renewable energy resources? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

Strongly Support	1
Somewhat Support	2
Somewhat Oppose	3
Strongly Oppose	4
Not Sure (Volunteered).....	98
Refused (Volunteered)	99

SPLIT SAMPLE - Half gets Version A; other half gets Version B

Q44A. What if revenue generated from a carbon tax was used to reduce the national debt? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

Strongly Support	1
Somewhat Support	2
Somewhat Oppose	3
Strongly Oppose	4
Not Sure (Volunteered).....	98
Refused (Volunteered).....	99

Q44B. What if revenue generated from a carbon tax was used to reduce taxes on personal income? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

Strongly Support	1
Somewhat Support	2
Somewhat Oppose	3
Strongly Oppose	4
Not Sure (Volunteered).....	98
Refused (Volunteered).....	99

SPLIT SAMPLE - Half gets Version A; other half gets Version B

Q45A. If the federal government enacted a tax on carbon fuels, where do you prefer the money generated from the tax be spent? Do you prefer that it be...**[READ LIST]**

Used to fund renewable energy research	1
Used to reduce the federal deficit	2
Returned to citizens through payroll tax deductions	3
Returned to citizens through tax rebates	4
Sustain existing government programs.....	5
Or government should repeal the tax.....	6
Not Sure (Volunteered).....	98
Refused (Volunteered).....	99

Q45B. If your state government enacted a tax on carbon fuels, where do you prefer the money generated from the tax be spent? Do you prefer that it be...**[READ LIST]**

Used to fund renewable energy research	1
Used to reduce the federal deficit	2
Returned to citizens through payroll tax deductions	3
Returned to citizens through tax rebates	4
Sustain existing government programs.....	5
Or government should repeal the tax.....	6
Not Sure (Volunteered).....	98
Refused (Volunteered).....	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. Which of the following best describes your views on the United States signing an international climate treaty that would limit the emission of greenhouse gases? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose the U.S. signing an international treaty to limit greenhouse gas emissions?

Strongly Support	1
Somewhat Support	2
Somewhat Oppose	3
Strongly Oppose	4
Not Sure (Volunteered).....	98
Refused (Volunteered).....	99

Q48. What if signing the treaty meant that the price of fossil fuels would become more expensive in the United States? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose the U.S. signing such a treaty?

Strongly Support	1
Somewhat Support	2
Somewhat Oppose	3
Strongly Oppose	4
Not Sure (Volunteered).....	98
Refused (Volunteered).....	99

Q49. What if China and India decided not to sign on to the treaty? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose the United States signing an international treaty to limit greenhouse gas emissions?

Strongly Support	1
Somewhat Support	2
Somewhat Oppose	3
Strongly Oppose	4
Not Sure (Volunteered).....	98
Refused (Volunteered).....	99

Q50. Would you say that your personal financial situation is getting better or getting worse?

Getting Better.....1
Getting Worse.....2
Staying the same (Volunteered).....3
Not Sure (Volunteered).....98
Refused (Volunteered).....99

Q51. 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

Q52. Which of the following categories best describes your religious affiliation? Are you... **[READ LIST]**

Protestant.....1
Catholic.....2 (SKIP to Q54)
Jewish.....3 (SKIP to Q54)
Muslim4 SKIP to Q54)
Hindu.....5 (SKIP to Q54)
Other religion (including agnostic).....6 (SKIP to Q54)
Atheist.....7 (SKIP to Q54)
Not Sure (Volunteered).....98 (SKIP to Q54)
Refused (Volunteered).....99 (SKIP to Q54)

Q53. Would you describe yourself as an evangelical Christian?

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

Q54. 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

Q55. 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

Q56. 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

Q57. 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

Q58. 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

Q59. Thank you for your help with the survey. We appreciate your time.

[DO NOT ASK!]

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

The National Surveys on Energy and Environment (NSEE) Fall 2011 Data Tables

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Survey Methodology	
N	887 (639 Land Line & 248 Cell Phone)
Margin of Error	+/- 3.5%
Fielding Dates	December 4, 2011 – December 21, 2011
AAPOR RR3 Response Rate	11%
Data tables below are weighted by Age, Gender, Education, Race, and Region	

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Global Warming Evidence and Mitigation

- [23. Agree or disagree with the following statements](#)
 - There is not enough evidence
 - Scientists are overstating evidence
 - Warming is a result of natural activities
 - Media is overstating evidence
 - Government should stop requiring industries to reduce emissions
 - Scientists would be able to find ways to alter the climates
 - Atmospheric engineering will cause more harm than good
 - Humans will be able to find ways to reduce temperatures through atmospheric engineering
 - Should focus on adapting to warmer climate rather than stopping global warming

- Humans will be able to adapt without significantly changing lifestyles

Government Responsibility

33. Federal government's responsibility to act
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Framing of Policy Options to Reduce Emissions

36. Tax vs. Environmental Fee on gasoline
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Cap and Trade

39. Support or oppose cap and trade
40. If revenue used for renewable energy
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Carbon Tax

42. Support or oppose carbon tax
43. If revenue used for renewable energy
44. If revenue used to reduce national debt or to reduce taxes
45. Preferred revenue use for carbon tax

Willingness to Pay

46. Willingness to pay for more renewable energy

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47. Support or oppose signing international treaty to limit greenhouse gas emissions
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Demographics

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54. Highest level of education
55. Primary source for news
56. Political party affiliation
57. Political beliefs
58. Family income
59. Gender

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

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

		Total
Thank you. In which category does your current age fall? [READ LIST]	18-29	22%
	30-44	26%
	45-64	30%
	65 and older	22%
	Refused, but stated they are 18 or over	1%
	N	887

**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	35%
	Midwest	23%
	West	25%
	N	887

*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	62%
	No	26%
	Not Sure (Volunteered)	12%
	N	887

*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	30%
	Fairly Confident	27%
	Not Too Confident	3%
	Not Confident At All	1%
	Not Sure (Volunteered)	<1%
	N	550

*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	40%
	Natural Patterns	21%
	A Combination (Volunteered)	35%
	Not Sure (Volunteered)	5%
	N	550

*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	52%
	Somewhat Serious	33%
	Not Too Serious	12%
	Not a Problem	3%
	Not Sure (Volunteered)	<1%
	N	550

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

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

		Total
How concerned are you about the issue of global warming? (Among those who said there is solid evidence of global warming)	Very Concerned	41%
	Somewhat Concerned	39%
	Not Too Concerned	17%
	Not Concerned At All	4%
	Not Sure (Volunteered)	<1%
	N	550

**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	13%
	Warmer Temperatures Observed	23%
	Weather Changes	24%
	Scientific Research/Data	8%
	Gore Documentary	<1%
	Media Coverage	11%
	Declining Species	2%
	Human Activity	8%
	Natural Patterns	3%
	Ocean / Sea-level Rise	0%
	Religious Factors	<1%
	Population Growth	1%
	Growing Season / Plants	0%
	Not Sure/Other	6%
	N	550

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

Q9-17. Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer. [ROTATED LIST]

		Declining glaciers and polar ice throughout the globe	Warmer temperatures in your area during recent years	Computer models that indicate the earth is getting warmer	The strength of hurricanes hitting the United States	Reports from the Intergovernmental Panel on Climate Change [SPLIT SAMPLE]	Report from the United Nations Intergovernmental Panel on Climate Change [SPLIT SAMPLE]	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	Very Large	56%	39%	18%	31%	13%	12%	24%	46%	35%	43%
	Somewhat Large	28%	34%	41%	44%	34%	32%	33%	28%	41%	39%
	Not Too Large	10%	15%	20%	15%	19%	22%	25%	11%	13%	8%
	No Effect	4%	11%	15%	8%	25%	17%	16%	10%	9%	9%
	Not Sure (Volunteered)	2%	1%	6%	3%	9%	16%	1%	5%	2%	1%
	N	550	550	550	550	277	272	549	550	550	550

The factors "Reports from the Intergovernmental Panel on Climate Change" and "Reports from the United Nations Intergovernmental Panel on Climate Change" were asked as a split sample question. Half of respondents were asked each version of the question.

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

Q18. How confident are you that the average temperature on earth are NOT increasing? Are you very confident, fairly confident, not too confident, or not confident at all that the average temperature on earth is NOT increasing?

effect on your view that the earth is getting warmer?		Total
How confident are you that the average temperature on earth are NOT increasing? Are you very confident, fairly confident, not too confident, or not confident at all that the average temperature on earth is NOT increasing? (Among those who said there is not solid evidence of global warming) those who said there is solid evidence	Very Confident	35%
	Fairly Confident	55%
	Not Too Confident	6%
	Not Confident At All	3%
	Not Sure (Volunteered)	2%
	N	228

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

Q19. 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	32%
	Natural Patterns	21%
	Not Enough Evidence	14%
	Media has Misled	2%
	Evidence Disproves	5%
	Religious Factors	8%

		Total
	Political Factors	3%
	No Particular Reason	6%
	Not Sure/Other	9%
	N	228

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

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Q20-22. Next I would like to read you a list of factors that may or may not have had an effect on your view that global warming is not occurring. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that global warming is not occurring. [ROTATED LIST]

		Your personal observations of weather in your area	Scientific evidence that disproves the existence of global warming	Reports that climate scientists have distorted data to demonstrate that global warming is occurring
Next I would like to read you a list of factors that may or may not have had an effect on your view that global warming is not occurring. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that global warming is not occurring. (Among those who said there is not solid evidence of global warming) [ROTATED LIST]	Very Large	40%	13%	19%
	Somewhat Large	28%	40%	40%
	Not Too Large	16%	14%	12%
	No Effect	14%	29%	26%
	Not Sure (Volunteered)	1%	4%	2%
	N	228	228	228

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

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Q23-32. 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.	Any recent warming on earth is the result of natural trends and not the activities of man.	The media is overstating the evidence about global warming.	The federal government should stop its current plan to require large industries to reduce greenhouse gas emissions.
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%	18%	26%	23%	17%
	Somewhat Agree	23%	26%	24%	28%	17%
	Somewhat Disagree	20%	24%	23%	23%	20%
	Strongly Disagree	31%	27%	20%	20%	35%
	Not Sure (Volunteered)	4%	5%	8%	5%	10%
	N	887	887	887	887	887

--

		Q33-35. 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.				
		If global warming does take place, I have confidence that scientists would be able to find ways to alter the climate in a way that limits problems.	Attempts to reduce global warming by adding materials to the atmosphere will cause more harm than good for the environment.	If human activity leads to global warming then humans will also be able to find ways to reduce temperatures on the planet through atmospheric engineering methods.	Instead of trying to stop global warming from occurring we should focus on adapting to a warmer climate.	Humans will be able to adapt to a hotter climate without making significant changes to their lifestyles.
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	5%	41%	9%	6%	6%
	Somewhat Agree	26%	28%	29%	23%	24%
	Somewhat Disagree	25%	11%	18%	30%	25%
	Strongly Disagree	34%	6%	27%	36%	40%
	Not Sure (Volunteered)	10%	14%	17%	5%	4%
	N	886	887	885	883	886

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

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Q33-35. 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	42%	32%	29%
	Some Responsibility	31%	41%	39%
	No Responsibility	22%	23%	29%
	Not Sure (Volunteered)	4%	4%	4%
	N	886	886	886

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

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Next I would like to ask you your views on a number of policies that have been proposed to reduce the emissions of greenhouse gases into the atmosphere. For each proposal that I mention please indicate if you view that proposal favorably or unfavorably. First:

Q36. A [X] on each gallon of gasoline purchased by consumers [SPLIT SAMPLE]

		X: Tax	X: Environmental Fee
A [X] on each gallon of gasoline purchased by consumers [SPLIT SAMPLE]	Favorable	17%	20%

		X: Tax	X: Environmental Fee
	Unfavorable	80%	75%
	Not Sure (Volunteered)	3%	5%
	N	448	438

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

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Q37. A system where government [X] the amount of greenhouse gases emitted by businesses through the provision of pollution credits and provides those businesses with the right to [Y] or sell those pollution credits. [SPLIT SAMPLE]

A system where government [X] the amount of greenhouse gases emitted by businesses through the provision of pollution credits and provides those businesses with the right to [Y] or sell those pollution credits. [SPLIT SAMPLE]		X: Limits Y: Swap	X: Caps Y: Trade
	Favorable	32%	35%
	Unfavorable	53%	47%
	Not Sure (Volunteered)	14%	19%
	N	446	437

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

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Q38. A [X] on monthly electric bills [SPLIT SAMPLE]

A [X] on monthly electric bills [SPLIT SAMPLE]		X: Surcharge	X: Environmental levy
	Favorable	15%	26%
	Unfavorable	81%	70%
	Not Sure (Volunteered)	5%	4%
	N	448	437

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

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Q39. There is a proposed system called cap and trade where the government would issue permits limiting the amount of greenhouse gases companies can release. Companies that did not use all their permits could sell them to other companies. The idea is that many companies would find ways to put out less greenhouse gases because that would be cheaper than buying permits. Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

There is a proposed system called cap and trade where the government would issue permits limiting the amount of greenhouse gases companies can release. Companies that did not use all their permits could sell them to other companies. The idea is that many companies would find ways to put out less greenhouse gases because that would be cheaper than buying permits. Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?		Total
	Strongly Support	18%
	Somewhat Support	24%
	Somewhat Oppose	16%
	Strongly Oppose	28%
	Not Sure (Volunteered)	13%
	N	884

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

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Q40. What if revenue generated from the sales of permits to businesses was used to develop renewable energy resources? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

	Total

What if revenue generated from the sales of permits to businesses was used to develop renewable energy resources? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?	Strongly Support	27%
	Somewhat Support	27%
	Somewhat Oppose	13%
	Strongly Oppose	23%
	Not Sure (Volunteered)	10%
	N	886

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

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Q41. What if revenue generated from the sales of permits to businesses was used to reduce the national debt? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

		Total
What if revenue generated from the sales of permits to businesses was used to reduce the national debt? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?	Strongly Support	17%
	Somewhat Support	27%
	Somewhat Oppose	18%
	Strongly Oppose	29%
	Not Sure (Volunteered)	9%
	N	885

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

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Q42. Another way to lower greenhouse gas emissions would be to increase taxes on carbon based fuels such as coal, oil, gasoline and natural gas. Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

		Total
Another way to lower greenhouse gas emissions would be to increase taxes on carbon based fuels such as coal, oil, gasoline and natural gas. Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?	Strongly Support	10%
	Somewhat Support	15%
	Somewhat Oppose	23%
	Strongly Oppose	47%
	Not Sure (Volunteered)	5%
	N	884

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

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Q43. What if revenue generated from a carbon tax was used to develop renewable energy resources? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?

		Total
What if revenue generated from a carbon tax was used to develop renewable energy resources? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system?	Strongly Support	16%
	Somewhat Support	22%
	Somewhat Oppose	19%
	Strongly Oppose	36%
	Not Sure (Volunteered)	7%
	N	884

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

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Q44. What if revenue generated from a carbon tax was used to [X]? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system? [SPLIT SAMPLE]

		X Reduce the national debt	X Reduce taxes on personal income
What if revenue generated from a carbon tax was used to [X]? Would you strongly support, somewhat support, somewhat oppose or strongly oppose this type of system? [SPLIT SAMPLE]	Strongly Support	9%	10%
	Somewhat Support	20%	22%
	Somewhat Oppose	21%	25%
	Strongly Oppose	41%	35%
	Not Sure (Volunteered)	9%	7%
	N	448	436

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

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Q45. If the [X] government enacted a tax on carbon fuels where do you prefer the money generated from the tax be spent? Do you prefer that it be: (READ LIST) [SPLIT SAMPLE]

		X Federal	X State
If the [X] government enacted a tax on carbon fuels where do you prefer the money generated from the tax be spent? Do you prefer that it be: (READ LIST) [SPLIT SAMPLE]	Used to fund renewable energy research	42%	42%
	Used to reduce the federal deficit	6%	7%
	Returned to citizens through payroll tax deductions	6%	7%
	Returned to citizens through tax rebates	9%	14%
	Sustain existing government programs	6%	3%
	Government should repeal the tax	23%	20%
	Not Sure (Volunteered)	7%	6%
	N	444	437

*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	45%
	1 to 50 dollars per year	25%
	51 to 100 dollars a year	14%
	101 to 250 dollars a year	7%
	251 to 500 dollars a year	3%
	Over 500 dollars a year	2%
	Not Sure (Volunteered)	4%
	N	882

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

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Q47. Which of the following best describes your views on the United States signing an international climate treaty that would limit the emission of greenhouse gases. Would you say you strongly support, someone support, somewhat oppose or strongly oppose the U.S. signing an international treaty to limit greenhouse gas emissions?

		Total
Which of the following best describes your views on the United States signing an international climate treaty that would limit the emission of greenhouse gases. Would you say you strongly support, someone support, somewhat oppose or strongly oppose the U.S. signing an international treaty to limit greenhouse gas emissions?	Strongly Support	25%
	Somewhat Support	25%
	Somewhat Oppose	12%
	Strongly Oppose	28%
	Not Sure (Volunteered)	10%
	N	881

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

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Q48. What if signing the treaty meant that the price of fossil fuels would become more expensive in the United States? Would you strongly support, somewhat support, somewhat oppose or strongly oppose the U.S. signing such a treaty?

		Total
What if signing the treaty meant that the price of fossil fuels would become more expensive in the United States? Would you strongly support, somewhat support, somewhat oppose or strongly oppose the U.S. signing such a treaty?	Strongly Support	10%
	Somewhat Support	19%
	Somewhat Oppose	19%
	Strongly Oppose	42%
	Not Sure (Volunteered)	9%
	N	876

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

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Q49. What if China and India decided not to sign on to the treaty? Would you strongly support, somewhat support, somewhat oppose or strongly oppose the United States signing an international treaty to limit greenhouse gas emissions?

		Total
What if China and India decided not to sign on to the treaty? Would you strongly support, somewhat support, somewhat oppose or strongly oppose the United States signing an international treaty to limit greenhouse gas emissions?	Strongly Support	8%
	Somewhat Support	19%
	Somewhat Oppose	19%
	Strongly Oppose	43%
	Not Sure (Volunteered)	12%
	N	884

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

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Q50. Would you say that your personal financial situation is getting better or getting worse?

		Total
Would you say that your personal financial situation is getting better or getting worse?	Getting Better	12%

		Total
	Getting Worse	52%
	Staying the Same (Volunteered)	34%
	Not Sure (Volunteered)	2%
	N	876

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

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Finally a few questions about yourself.

Q51. 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	64%
	African-American	11%
	Hispanic	11%
	Latino	4%
	Asian	4%
	Native American	2%
	Mixed Race	3%
	Other	1%
	N	873

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

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Q52. 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	37%
	Catholic	37%
	Jewish	3%
	Muslim	1%
	Hindu	1%
	Other Religion (Including Agnostic)	17%
	Atheist	2%
	Not Sure (Volunteered)	3%
	N	856

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

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Q53. Would you describe yourself as an evangelical Christian?

		Total
Would you describe yourself as an evangelical Christian? (Among those who identified as Protestant)	Yes	35%
	No	61%
	Not Sure (Volunteered)	4%
	N	310

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

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Q54. 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	34%
	Some College or Technical School	30%
	College Graduate	22%
	Graduate or Professional Degree	9%
	Not Sure (Volunteered)	<1%
	N	872

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

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Q55. 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	13%
	Talk Radio Programs	3%
	Radio News Programs	3%
	The Internet	23%
	Other (Volunteered)	3%
	Not Sure (Volunteered)	1%
	N	887

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

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Q56. 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	23%
	Other Party	5%
	Independent	32%
	Not Sure (Volunteered)	4%
	N	803

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

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Q57. 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	13%

		Total
	Somewhat Conservative	23%
	Moderate	37%
	Somewhat Liberal	15%
	Very Liberal	6%
	Not Sure (Volunteered)	5%
	N	801

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

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Q58. 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	15%
	20,000 - 40,000	28%
	40,000 - 60,000	22%
	60,000 - 80,000	15%
	80,000 - 100,000	9%
	Over 100,000	7%
	Not Sure (Volunteered)	5%
	N	644

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

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Respondent Gender

		Total
Respondent Gender	Male	49%
	Female	51%
	N	887

*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.