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

National Surveys on Energy and Environment Public Use Datasets:
Spring 2014

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Summary

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

The Spring 2014 NSEE was the 11th wave in the NSEE survey program. The survey included longitudinal questions about belief in climate change, plus additional content related to a carbon tax, willingness to pay to prevent temperature rise, an experiment about discount rates, and more.

Methodology

Survey Methodology	
N	798 (425 Land Line & 373 Cell Phone)
Margin of Error	+/- 3.5%
Fielding Dates	March 24, 2014 - April 9, 2014
AAPOR RR3 Response Rate	12%
Weighted by: Gender, Age, Race, Income, and Education	

The results are based on a telephone survey of 798 adult (age 18 or older) residents of the United States between March 24 and April 9, 2014. Respondents were interviewed in English on both landlines (425) and cell phones (373) by the staff of the Muhlenberg College Institute of Public Opinion (MCIPO) in Allentown, Pennsylvania on the Institute's Computer Aided Telephone Interviewing (CATI) system. Both the landline and cell phone samples were provided by the Marketing Systems Group (MSG), Horsham, Pennsylvania. Both landline and cell phones were chosen randomly from sampling frames of United States landline and cell numbers provided by MSG.

With a randomly selected sample of 798 respondents the margin of error for the surveys is ±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, race, educational attainment, income, and gender to reflect 2013 population parameters for these factors provided by the United States Census Bureau. The calculation of sampling error takes into account design effects due to the weighting identified above. In order to reach a representative sample of adult Americans both landlines and cell phones are called up to 10 times. The response rate for this survey as calculated using the American Association of Public Opinion Research (AAPOR) RR3 formula is 12%. Due to rounding, the totals provided in tables may not equal 100.

The instrument was designed by David Amdur and Christopher Borick of Muhlenberg College, and Barry Rabe of the University of Michigan, with valuable input from Erick Lachapelle of the University of Montreal. For more detailed information on the methods employed please contact the MCIPO at 484-664-3444 or email Dr. Borick at cborick@muhlenberg.edu.

Funding and Financial Disclosure

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

Variable Naming

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

Missing Data

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

Version(s)

Original openICPSR Release: 12/12/2016

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

LIST OF VARIABLES

Variable	Label
closup_id	Case identifier created by CLOSUP
SampleType	Sample
VersionAB	Version of carbon tax experimental questions asked
VersionCD	Version of discount rate experimental questions asked
DATE	Date and Time of Interview
demog_age_list	Age: by category
demog_state	State of residence
demog_state_region	Regional Recode
gw_belief	Is there solid evidence avg temp on earth has been warming in past 4 decades
believer_confidence	How confident are you that the average temperature on earth is increasing
believer_cause	Is the earth warming because of human activity or natural patterns
believer_factor_open	Belief factor: primary factor OPEN ENDED
believer_factor_open_coded	Belief factor: primary factor OPEN ENDED coded
believer_factor_glaciers	Belief factor: Declining glaciers & polar ice
believer_factor_warmer	Belief factor: warmer temps in your area
believer_factor_models	Belief factor: computer models that indicate the earth is getting warmer
believer_factor_hurricane	Belief factor: Strength of US hurricanes
believer_factor_mildwint	Belief factor: milder winters in your area
believer_factor_polarbrs	Belief factor: declining polar bears & penguins
believer_factor_droughts	Belief factor: Severe droughts across US
believer_factor_extremes	Belief factor: Extreme weather
nonbeliever_confidence	How confident are you that the average temperature on earth is NOT increasing
nonbeliever_factor_open	Nonbelief factor: primary factor OPEN ENDED
nonbeliever_factor_open_coded	Nonbelief factor: primary factor OPEN ENDED coded
nonbeliever_factor_weath	Nonbelief factor: Personal observations of weather in area
nonbeliever_factor_scievid	Nonbelief factor: Scientific evidence disproves existence of GW
nonbeliever_factor_distort	Nonbelief Factor: Reports that scientists distort data about GW
carbontax_support	Support for reducing GHG by taxing carbon based fuels
carbontax_support_info	Support for reducing GHG by taxing carbon based fuels - Extended information
carbontax_cost10pct	Support for carbon fuels tax if it raised costs by $10/month
carbontax_revneutral_v1	Support for carbon tax if revenue neutral, with experiment lang

carbontax_revneutral_v1_info	Support for carbon tax if revenue neutral, with experiment lang – Extended information
carbontax_rev4research_v1	Support for carbon tax if revenues used for energy R&D, experiment
carbontax_rev4research_v1_info	Support for carbon tax if revenues used for energy R&D, experiment – Extended information
carbontax_rev4debt_v2	Support for carbon tax if revenues used to reduce national debt, experiment
carbontax_rev4debt_v2_info	Support for carbon tax if revenues used to reduce national debt, experiment – Extended information
carbontax_revfed_v2	Revenue use if federal govt enacted a carbon tax
willing2pay_temprise_5	Would you be willing to pay $5/month to prevent temperature rise
willing2pay_temprise_10	Would you be willing to pay $10/month to prevent temperature rise
willing2pay_temprise_20	Would you be willing to pay $20/month to prevent temperature rise
willing2pay_temprise_40	Would you be willing to pay $40/month to prevent temperature rise
willing2pay_certain	How certain are you that you'd actually be willing & able to pay this amt/month
willing2pay_temprise_most_coded	What is the MOST you'd be willing to pay per month to prevent temperatures from rising?
discountrate_2pct	Discount rate experiment: 2% APR
discountrate_2pct_info	Discount rate experiment: 2% APR - Extended information
discountrate_5pct	Discount rate experiment: 5% APR
discountrate_5pct_info	Discount rate experiment: 5% APR - Extended information
discountrate_10pct	Discount rate experiment: 10% APR
discountrate_10pct_info	Discount rate experiment: 10% APR - Extended information
discountrate_20pct	Discount rate experiment: 20% APR
discountrate_20pct_info	Discount rate experiment: 20% APR - Extended information
discountrate_44pct	Discount rate experiment: 44% APR
discountrate_44pct_info	Discount rate experiment: 44% APR - Extended information
discountrate_76pct	Discount rate experiment: 76% APR
discountrate_76pct_info	Discount rate experiment: 76% APR - Extended information
discountrate_open_coded	Discount rate experiment: least amount accept in 1 year
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_persfinance	Is personal financial situation getting better or worse
demog_income	Family income
demog_zip	Zip code
feedback_understand	How well do you felt you understood this survey
demog_gender	Gender: not asked; assessed by interviewer
Weight	Total Weight

FULL VARIABLE TEXT AND FREQUENCIES

closup_id – Case identifier created by CLOSUP

CATI assigned ID

Role
input

Sample - Sample Type

Sample Type

c	cell
l	land

Role
input

VersionAB - Version of carbon tax experimental questions asked

Version of carbon tax experimental questions asked

A	Without extended information
B	With extended information

Role
input

CODEBOOK NOTE:
This variable indicates which version of carbontax_support- carbontax_rev4debt_v2 the respondent was asked

VersionCD - Version of discount rate experimental questions asked

Version of carbon tax experimental questions asked

c	Without extended information
D	With extended information

Role
input

DATE – Date and Time of Interview

Date and Time of Interview

Role
input

demog_age_list - Age: by category

Age: by category

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

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

Role
input

demog_state - State of residence

State of residence

QUESTIONNAIRE TEXT: What state do you currently reside in?

Type
Text

Role
input

demog_state_region - Regional Recode

Regional Recode

1	Northeast
2	South

3	Midwest
4	West
99	Refused

Role
input

CODEBOOK NOTE:

States were coded into regions as follows:

Northeast (1)

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

South (2)

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

Midwest (3)

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

West (4)

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

CODEBOOK NOTE:

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

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

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

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

1	Yes
2	No
98	Not sure
99	Refused

Role
input

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

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

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

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

Role
input

SKIP PATTERN:
Not asked unless gw_belief=1

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

Is the earth warming because of human activity or natural patterns

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

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

Role
input

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

Role
input

SKIP PATTERN:
believer_factor_open was not asked unless gw_belief=1

believer_factor_glaciers - Belief factor: Declining glaciers & polar ice

Belief factor: Declining glaciers & polar ice

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

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

Role
input

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

SKIP PATTERN:
Not asked unless gw_belief=1

believer_factor_warmer - Belief factor: warmer temps in your area

Belief factor: warmer temps in your area

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

Warmer temperatures in your area during recent years

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

	98	Not sure
	99	Refused

Role
input

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

SKIP PATTERN:
not asked unless gw_belief=1

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

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

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

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

Role
input

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

SKIP PATTERN:
not asked unless gw_belief=1

believer_factor_hurricane - Belief factor: Strength of US hurricanes

Belief factor: Strength of US hurricanes

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

had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer: The strength of hurricanes hitting the United States

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

Role
input

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

SKIP PATTERN:
not asked unless gw_belief=1

believer_factor_mildwint - Belief factor: milder winters in your area

Belief factor: milder winters in your area

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

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

Role
input

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

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.

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

carbontax_support - Support for reducing GHG by taxing carbon based fuels

Support for reducing GHG by taxing carbon based fuels

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

-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 series of questions. Sample A was asked carbontax_[item], and sample B was asked carbontax_[item]_info. While the base text of both questions was the same for both groups, sample B was given extended information, which is included in the question text in this codebook as "[EXTENDED INFORMATION FOR SAMPLE B ONLY: ...]". The variable VersionAB indicates which sample a respondent belonged to. Sample B respondents are coded in carbontax_[item] as -9 "Not asked – split sample". Users should note that this split sample does not apply to the variable carbontax_cost10pct.

carbontax_support_info - Support for reducing GHG by taxing carbon based fuels - Extended information

Support for reducing GHG by taxing carbon based fuels - Extended information

QUESTIONNAIRE TEXT: Next I would like to ask for your views on a number of ideas that have been proposed to reduce greenhouse gas emissions and stabilize the climate. [EXTENDED INFORMATION FOR SAMPLE B ONLY: One way to lower greenhouse gas emissions would be a tax on carbon based fuels such as coal, oil, and natural gas. A carbon fuels tax would provide incentives for people and businesses to use less of these fuels and generate fewer emissions.]

Consider a policy to reduce greenhouse gases by taxing carbon based fuels such as coal, oil, and natural gas. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

-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 series of questions. Sample A was asked carbontax_[item], and sample B was asked carbontax_[item]_info. While the base text of both questions was the same for both groups, sample B was given extended information, which is included in the question text in this codebook. The variable VersionAB indicates which sample a respondent belonged to. Sample A respondents are coded in carbontax_[item]_info as -9 "Not asked – split sample". Users should note that this split sample does not apply to the variable carbontax_cost10pct.

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

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

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

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

Role
input

CODEBOOK NOTE:
All respondents were asked carbontax_cost10pct, with the same question text, regardless of sample.

carbontax_revneutral_v1 - Support for carbon tax if revenue neutral, with experiment lang

Support for carbon tax if revenue neutral, with experiment lang

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

-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 series of questions. Sample A was asked carbontax_[item], and sample B was asked carbontax_[item]_info. While the base text of both questions was the same for both groups, sample B was given extended information, which is included in the question text in this codebook as "[EXTENDED INFORMATION FOR SAMPLE B ONLY: ...]". The variable VersionAB indicates which sample a respondent belonged to. Sample B respondents are coded in carbontax_[item] as -9 "Not asked – split sample". Users should note that this split sample does not apply to the variable carbontax_cost10pct.

carbontax_revneutral_v1_info - Support for carbon tax if revenue neutral, with experiment lang - Extended information

Support for carbon tax if revenue neutral, with experiment lang - Extended information

QUESTIONNAIRE TEXT: [EXTENDED INFORMATION FOR SAMPLE B ONLY: Unlike other taxes, the main goal of a carbon fuels tax is NOT to raise money for the government. In fact, the government could return the revenue from this tax to the public as an income tax rebate. In this way, the tax could change peoples' behavior without changing the country's overall tax burden.] What if the carbon fuels tax were "revenue neutral", meaning that every dollar collected by the government would be returned to the public as an income tax rebate. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

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

Role
input

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

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

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

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

Role
input

carbontax_rev4research_v1_info - Support for carbon tax if revenues used for energy R&D, experiment - Extended information

Support for carbon tax if revenues used for energy R&D, experiment - Extended information

QUESTIONNAIRE TEXT: [EXTENDED INFORMATION FOR SAMPLE B ONLY: Another idea is to use the revenue from a carbon fuels tax to fund research and development for renewable energy programs. For

example, this research might improve the efficiency of wind and solar power, which could reduce greenhouse gas emissions.]

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

-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 series of questions. Sample A was asked carbontax_[item], and sample B was asked carbontax_[item]_info. While the base text of both questions was the same for both groups, sample B was given extended information, which is included in the question text in this codebook. The variable VersionAB indicates which sample a respondent belonged to. Sample A respondents are coded in carbontax_[item]_info as -9 "Not asked – split sample". Users should note that this split sample does not apply to the variable carbontax_cost10pct.

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

Support for carbon tax if revenues used to reduce national debt, experiment

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

-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 series of questions. Sample A was asked carbontax_[item], and sample B was asked carbontax_[item]_info. While the base text of both questions was the same for both groups, sample B was given extended information, which is included in the question text in this codebook as "[EXTENDED INFORMATION FOR SAMPLE B ONLY: ...]". The variable VersionAB indicates which sample a respondent belonged to. Sample B respondents are coded in carbontax_[item] as -9 "Not asked – split sample". Users should note that this split sample does not apply to the variable carbontax_cost10pct.

carbontax_rev4debt_v2_info - Support for carbon tax if revenues used to reduce national debt, experiment – Extended information

Support for carbon tax if revenues used to reduce national debt, experiment – Extended information

QUESTIONNAIRE TEXT: [EXTENDED INFORMATION FOR SAMPLE B ONLY: Another idea is to use the revenue from a carbon fuels tax to reduce the federal deficit. This would slow the growth of the national debt, possibly reducing taxes in the future.] What if revenues from the tax were used to reduce the federal deficit? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

-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 series of questions. Sample A was asked carbontax_[item], and sample B was asked carbontax_[item]_info. While the base text of both questions was the same for both groups, sample B was given extended information, which is included in the question text in this codebook. The variable VersionAB indicates which sample a respondent belonged to. Sample A respondents are coded in carbontax_[item]_info as -9 "Not asked – split sample". Users should note that this split sample does not apply to the variable carbontax_cost10pct.

carbontax_revfed_v2 - 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 carbon fuels tax, which of the following options would you most prefer: [READ LIST]

1	Tax rebate checks to all citizens
2	Renewable energy research
3	Reduce the federal deficit
4	There should not be a carbon tax (Volunteered)
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
All respondents were asked the same version of this question.
CODEBOOK NOTE:
Response options were rotated

willing2pay_temprise_5- Would you be willing to pay $5/month to prevent temperature rise

Would you be willing to pay $5/month to prevent temperature rise

QUESTIONNAIRE TEXT: If nothing is done to reduce greenhouse gas emissions, the average U.S. temperature is projected to increase by 4 to 11 degrees Fahrenheit by the year 2100. Would you be willing to pay 5 dollars more per month for energy and gasoline if it prevented temperatures from rising?

-9	Not asked – split sample
1	Yes
2	No
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
Respondents were randomly asked whether they would be willing to pay 5, 10, 20,, or 40 dollars more per month. For all other amounts, the respondent is coded as -9 "not asked – split sample".

willing2pay_temprise_10 - Would you be willing to pay $10/month to prevent temperature rise

Would you be willing to pay $10/month to prevent temperature rise

QUESTIONNAIRE TEXT: If nothing is done to reduce greenhouse gas emissions, the average U.S. temperature is projected to increase by 4 to 11 degrees Fahrenheit by the year 2100. Would you be willing to pay 10 dollars more per month for energy and gasoline if it prevented temperatures from rising?

-9	Not asked – split sample
1	Yes
2	No
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
Respondents were randomly asked whether they would be willing to pay 5, 10, 20,, or 40 dollars more per month. For all other amounts, the respondent is coded as -9 "not asked – split sample".

willing2pay_temprise_20 - Would you be willing to pay $20/month to prevent temperature rise

Would you be willing to pay $20/month to prevent temperature rise

QUESTIONNAIRE TEXT: If nothing is done to reduce greenhouse gas emissions, the average U.S. temperature is projected to increase by 4 to 11 degrees Fahrenheit by the year 2100. Would you be willing to pay 20 dollars more per month for energy and gasoline if it prevented temperatures from rising?

-9	Not asked – split sample
1	Yes
2	No
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
Respondents were randomly asked whether they would be willing to pay 5, 10, 20,, or 40 dollars more per month. For all other amounts, the respondent is coded as -9 "not asked – split sample".

willing2pay_temprise_40 - Would you be willing to pay $40/month to prevent temperature rise

Would you be willing to pay $40/month to prevent temperature rise

QUESTIONNAIRE TEXT: If nothing is done to reduce greenhouse gas emissions, the average U.S. temperature is projected to increase by 4 to 11 degrees Fahrenheit by the year 2100. Would you be willing to pay 40 dollars more per month for energy and gasoline if it prevented temperatures from rising?

-9	Not asked – split sample
1	Yes
2	No
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
Respondents were randomly asked whether they would be willing to pay 5, 10, 20,, or 40 dollars more per month. For all other amounts, the respondent is coded as -9 "not asked – split sample".

willing2pay_certain - How certain are you that you'd actually be willing & able to pay this amt/month

How certain are you that you'd actually be willing & able to pay this amt/month

QUESTIONNAIRE TEXT: How certain are you that you'd actually be willing and able to pay this amount per month to prevent temperatures from rising?

1	Very certain
2	Fairly certain
3	Not too certain
4	Not certain at all
98	Not sure
99	Refused

Role
input

willing2pay_temprise_most_coded - What is the MOST you'd be willing to pay per month to prevent temperatures from rising?

What is the MOST you'd be willing to pay per month to prevent temperatures from rising?

QUESTIONNAIRE TEXT: What is the MOST you'd be willing to pay per month to prevent temperatures from rising?

1	Nothing
2	1 to 50 dollars
3	51 to 100 dollars

4	101 to 250 dollars
5	251 to 500 dollars
6	More than 500 dollars
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
Open-ended responses to this question were coded into a categorical variable. The open-ended responses are not included in this dataset.

discountrate_2pct - Discount rate experiment: 2% APR

Discount rate experiment: 2% APR

QUESTIONNAIRE TEXT: The next few questions do not deal specifically with climate change. Instead, I'd like you to imagine that you have just won a lottery. The lottery will make a *one-time* payment to you in the future. Each question that I read will describe two possible ways to receive the winnings: Option A or Option B. Option A is to receive a single payment of $1,000 one MONTH from today. Option B is to receive a larger, single payment one YEAR from today. Although this scenario is hypothetical, try to answer as if you have won a real lottery. Option A is to receive $1,000 one month from today. Option B is to receive $1,020 one year from today. Which option would you prefer?

-99	Not asked – split sample
-9	Not asked – not applicable
1	Option A: Receive $1,000 one month from today
2	Option B: Receive $1,020 one year from today
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
Respondents were asked one of two versions of the discountrate series of questions. Sample C was asked discountrate_[x]pct, and sample D was asked discountrate_[x]pct_info. While the base text of both questions was the same for both groups, sample D was given extended information, which is included in the question text in this codebook as "[FOR SAMPLE D ONLY: ...]". The variable VersionCD indicates which sample a respondent belonged to. Sample D respondents are coded in discountrate_[x]pct as -99 "Not asked – split sample".

discountrate_2pct_info - Discount rate experiment: 2% APR - Extended information

Discount rate experiment: 2% APR - Extended information

QUESTIONNAIRE TEXT: The next few questions do not deal specifically with climate change. Instead, I'd like you to imagine that you have just won a lottery. The lottery will make a ***one-time*** payment to you in the future. Each question that I read will describe two possible ways to receive the winnings: Option A or Option B. Option A is to receive a single payment of $1,000 one MONTH from today. Option B is to receive a larger, single payment one YEAR from today. Although this scenario is hypothetical, try to answer as if you have won a real lottery. Option A is to receive $1,000 one month from today. Option B is to receive $1,020 one year from today. [FOR SAMPLE D ONLY: Option B reflects an annual interest rate of about 2 percent.] Which option would you prefer?

-99	Not asked – split sample
-9	Not asked – not applicable
1	Option A: Receive $1,000 one month from today
2	Option B: Receive $1,020 one year from today
98	Not sure
99	Refused
-99	Not asked – split sample

Role
input

CODEBOOK NOTE:
Respondents were asked one of two versions of the discountrate series of questions. Sample C was asked discountrate_[x]pct, and sample D was asked discountrate_[x]pct_info. While the base text of both questions was the same for both groups, sample D was given extended information, which is included in the question text in this codebook as "[FOR SAMPLE D ONLY: ...]". The variable VersionCD indicates which sample a respondent belonged to. Sample C respondents are coded in discountrate_[x]pct _info as -99 "Not asked – split sample".

discountrate_5pct - Discount rate experiment: 5% APR

Discount rate experiment: 5% APR

QUESTIONNAIRE TEXT: Option A is to receive $1,000 one month from today. Option B is to receive $1,050 one year from today. Which option would you prefer?

-99	Not asked – split sample
-9	Not asked – not applicable
1	Option A: Receive $1,000 one month from today
2	Option B: Receive $1,050 one year from today
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
Respondents were asked one of two versions of the discountrate series of questions. Sample C was asked discountrate_[x]pct, and sample D was asked discountrate_[x]pct_info. While the base text of both questions was the same for both groups, sample D was given extended information, which is included in the

question text in this codebook as "[FOR SAMPLE D ONLY: ...]". The variable VersionCD indicates which sample a respondent belonged to. Sample D respondents are coded in discountrate_[x]pct as -99 "Not asked – split sample".

SKIP PATTERN:
Not asked unless discountrate_2pct=1 "Option A"

discountrate_5pct_info - Discount rate experiment: 5% APR - Extended information

Discount rate experiment: 5% APR - Extended information

QUESTIONNAIRE TEXT: Option A is to receive $1,000 one month from today. Option B is to receive $1,050 one year from today. [FOR SAMPLE D ONLY: Option B reflects an annual interest rate of about 5 percent.] Which option would you prefer?

-99	Not asked – split sample
-9	Not asked – not applicable
1	Option A: Receive $1,000 one month from today
2	Option B: Receive $1,050 one year from today
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
Respondents were asked one of two versions of the discountrate series of questions. Sample C was asked discountrate_[x]pct, and sample D was asked discountrate_[x]pct_info. While the base text of both questions was the same for both groups, sample D was given extended information, which is included in the question text in this codebook as "[FOR SAMPLE D ONLY: ...]". The variable VersionCD indicates which sample a respondent belonged to. Sample C respondents are coded in discountrate_[x]pct _info as -99 "Not asked – split sample".

SKIP PATTERN:
Not asked unless discountrate_2pct_info=1 "Option A"

discountrate_10pct - Discount rate experiment: 10% APR

Discount rate experiment: 10% APR

QUESTIONNAIRE TEXT: Option A is to receive $1,000 one month from today. Option B is to receive $1,100 one year from today. Which option would you prefer?

-99	Not asked – split sample
-9	Not asked – not applicable
1	Option A: Receive $1,000 one month from today
2	Option B: Receive $1,100 one year from today

98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
Respondents were asked one of two versions of the discountrate series of questions. Sample C was asked discountrate_[x]pct, and sample D was asked discountrate_[x]pct_info. While the base text of both questions was the same for both groups, sample D was given extended information, which is included in the question text in this codebook as "[FOR SAMPLE D ONLY: …]". The variable VersionCD indicates which sample a respondent belonged to. Sample D respondents are coded in discountrate_[x]pct as -99 "Not asked – split sample".

SKIP PATTERN:
Not asked unless discountrate_5pct=1 "Option A"

discountrate_10pct_info - Discount rate experiment: 10% APR - Extended information

Discount rate experiment: 10% APR - Extended information

QUESTIONNAIRE TEXT: Option A is to receive $1,000 one month from today. Option B is to receive $1,100 one year from today. [FOR SAMPLE D ONLY: Option B reflects an annual interest rate of about 10 percent.] Which option would you prefer?

-99	Not asked – split sample
-9	Not asked – not applicable
1	Option A: Receive $1,000 one month from today
2	Option B: Receive $1,100 one year from today
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
Respondents were asked one of two versions of the discountrate series of questions. Sample C was asked discountrate_[x]pct, and sample D was asked discountrate_[x]pct_info. While the base text of both questions was the same for both groups, sample D was given extended information, which is included in the question text in this codebook as "[FOR SAMPLE D ONLY: …]". The variable VersionCD indicates which sample a respondent belonged to. Sample C respondents are coded in discountrate_[x]pct _info as -99 "Not asked – split sample".

SKIP PATTERN:
Not asked unless discountrate_5pct_info=1 "Option A"

discountrate_20pct - Discount rate experiment: 20% APR

Discount rate experiment: 20% APR

QUESTIONNAIRE TEXT: Option A is to receive $1,000 one month from today. Option B is to receive $1,200 one year from today. Which option would you prefer?

-99	Not asked – split sample
-9	Not asked – not applicable
1	Option A: Receive $1,000 one month from today
2	Option B: Receive $1,200 one year from today
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
Respondents were asked one of two versions of the discountrate series of questions. Sample C was asked discountrate_[x]pct, and sample D was asked discountrate_[x]pct_info. While the base text of both questions was the same for both groups, sample D was given extended information, which is included in the question text in this codebook as "[FOR SAMPLE D ONLY: ...]". The variable VersionCD indicates which sample a respondent belonged to. Sample D respondents are coded in discountrate_[x]pct as -99 "Not asked – split sample".

SKIP PATTERN:
Not asked unless discountrate_20pct=1 "Option A"

discountrate_20pct_info - Discount rate experiment: 20% APR - Extended information

Discount rate experiment: 20% APR - Extended information

QUESTIONNAIRE TEXT: Option A is to receive $1,000 one month from today. Option B is to receive $1,200 one year from today. [FOR SAMPLE D ONLY: Option B reflects an annual interest rate of about 20 percent.] Which option would you prefer?

-99	Not asked – split sample
-9	Not asked – not applicable
1	Option A: Receive $1,000 one month from today
2	Option B: Receive $1,200 one year from today
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:

Respondents were asked one of two versions of the discountrate series of questions. Sample C was asked discountrate_[x]pct, and sample D was asked discountrate_[x]pct_info. While the base text of both questions was the same for both groups, sample D was given extended information, which is included in the question text in this codebook as "[FOR SAMPLE D ONLY: ...]". The variable VersionCD indicates which sample a respondent belonged to. Sample C respondents are coded in discountrate_[x]pct _info as -99 "Not asked – split sample".

SKIP PATTERN:
Not asked unless discountrate_20pct_info=1 "Option A"

discountrate_44pct - Discount rate experiment: 44% APR

Discount rate experiment: 44% APR

QUESTIONNAIRE TEXT: Option A is to receive $1,000 one month from today. Option B is to receive $1,500 one year from today. Which option would you prefer?

-99	Not asked – split sample
-9	Not asked – not applicable
1	Option A: Receive $1,000 one month from today
2	Option B: Receive $1,500 one year from today
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
Respondents were asked one of two versions of the discountrate series of questions. Sample C was asked discountrate_[x]pct, and sample D was asked discountrate_[x]pct_info. While the base text of both questions was the same for both groups, sample D was given extended information, which is included in the question text in this codebook as "[FOR SAMPLE D ONLY: ...]". The variable VersionCD indicates which sample a respondent belonged to. Sample D respondents are coded in discountrate_[x]pct as -99 "Not asked – split sample".

SKIP PATTERN:
Not asked unless discountrate_20pct=1 "Option A"

discountrate_44pct_info - Discount rate experiment: 44% APR - Extended information

Discount rate experiment: 44% APR - Extended information

QUESTIONNAIRE TEXT: Option A is to receive $1,000 one month from today. Option B is to receive $1,500 one year from today. [FOR SAMPLE D ONLY: Option B reflects an annual interest rate of about 44 percent.] Which option would you prefer?

-99	Not asked – split sample
-9	Not asked – not applicable

1	Option A: Receive $1,000 one month from today
2	Option B: Receive $1,500 one year from today
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
Respondents were asked one of two versions of the discountrate series of questions. Sample C was asked discountrate_[x]pct, and sample D was asked discountrate_[x]pct_info. While the base text of both questions was the same for both groups, sample D was given extended information, which is included in the question text in this codebook as "[FOR SAMPLE D ONLY: …]". The variable VersionCD indicates which sample a respondent belonged to. Sample C respondents are coded in discountrate_[x]pct _info as -99 "Not asked – split sample".

SKIP PATTERN:
Not asked unless discountrate_20pct_info=1 "Option A"

discountrate_76pct - Discount rate experiment: 76% APR

Discount rate experiment: 76% APR

QUESTIONNAIRE TEXT: Option A is to receive $1,000 one month from today. Option B is to receive $2,000 one year from today. Which option would you prefer?

-99	Not asked – split sample
-9	Not asked – not applicable
1	Option A: Receive $1,000 one month from today
2	Option B: Receive $2,000 one year from today
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
Respondents were asked one of two versions of the discountrate series of questions. Sample C was asked discountrate_[x]pct, and sample D was asked discountrate_[x]pct_info. While the base text of both questions was the same for both groups, sample D was given extended information, which is included in the question text in this codebook as "[FOR SAMPLE D ONLY: …]". The variable VersionCD indicates which sample a respondent belonged to. Sample D respondents are coded in discountrate_[x]pct as -99 "Not asked – split sample".

SKIP PATTERN:
Not asked unless discountrate_44pct=1 "Option A"

discountrate_76pct_info - Discount rate experiment: 76% APR - Extended information

Discount rate experiment: 76% APR - Extended information

QUESTIONNAIRE TEXT: Option A is to receive $1,000 one month from today. Option B is to receive $2,000 one year from today. [FOR SAMPLE D ONLY: Option B reflects an annual interest rate of about 76% percent.] Which option would you prefer?

-99	Not asked – split sample
-9	Not asked – not applicable
1	Option A: Receive $1,000 one month from today
2	Option B: Receive $2,000 one year from today
98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
Respondents were asked one of two versions of the discountrate series of questions. Sample C was asked discountrate_[x]pct, and sample D was asked discountrate_[x]pct_info. While the base text of both questions was the same for both groups, sample D was given extended information, which is included in the question text in this codebook as "[FOR SAMPLE D ONLY: ...]". The variable VersionCD indicates which sample a respondent belonged to. Sample C respondents are coded in discountrate_[x]pct _info as -99 "Not asked – split sample".

SKIP PATTERN:
Not asked unless discountrate_44pct_info=1 "Option A"

discountrate_open_coded - Discount rate experiment: least amount accept in 1 year - Coded

Discount rate experiment: least amount accept in 1 year

QUESTIONNAIRE TEXT: Suppose again that Option A is to receive $1,000 one month from today. Option B is to receive a larger amount of money one year from today. What is the LEAST amount of money you would need one YEAR from today to make you prefer Option B?

1	1,000 dollars or less
2	1,001 to 1,499 dollars
3	1,500 to 2,999 dollars
4	3,000 to 9,999 dollars
5	10,000 dollars or more
6	Non-numeric answer

98	Not sure
99	Refused

Role
input

CODEBOOK NOTE:
All respondents were asked the same version of this question

CODEBOOK NOTE:
Open-ended responses to this question were coded into a categorical variable. The open-ended responses are not included in this dataset.

demog_race - Race

Race

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

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

Role
input

CODEBOOK NOTE:

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

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

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

demog_relig - Religious affiliation

Religious affiliation

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

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

Role
input

CODEBOOK NOTE:

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

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

demog_relig_evang - Religious affiliation: evangelical Christian

Religious affiliation: evangelical Christian

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

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

Role
input

SKIP PATTERN:
not asked unless demog_relig=1

demog_edu - Highest level of education

Highest level of education

QUESTIONNAIRE TEXT: What is your highest level of education?

1	Less than HS graduate
2	HS Graduate

3	Some college or technical school
4	College graduate
5	Grad or professional degree
98	Not sure
99	Refused

Role
input

demog_news - Primary source for national & world news

Primary source for national & world news

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

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

Role
input

demog_polparty - Political party affiliation

Political party affiliation

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

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

Role
input

demog_polviews - Political beliefs: conservative to liberal

Political beliefs: conservative to liberal

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

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

Role
input

demog_persfinance - Is personal financial situation getting better or worse

Is personal financial situation getting better or worse

QUESTIONNAIRE TEXT: Over the past 12 months, would you say that your personal financial situation has been getting better, been getting worse, or stayed about the same?

1	Better
2	Worse
3	About the same
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

feedback_understand - How well do you felt you understood this survey

How well do you felt you understood this survey

QUESTIONNAIRE TEXT: Finally, we'd like to know how well you felt you understood this survey. Overall, did you understand the survey questions very well, fairly well, not too well, or not well at all?

1	Very well
2	Fairly well
3	Not too well
4	Not well at all
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 – Total Weight

Overall Weight

Type
Numeric

Numeric Type
Double

Decimal Positions
2

Role
input

CODEBOOK NOTE:

The data has been weighted by age, race, educational attainment, income and gender to reflect population parameters for these factors provided by the United States Census Bureau.

Codebook Note

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

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
       65 and older……………….…..4
       Not Sure (Volunteered)…………98
       Refused (Volunteered)……….…99

Q2. What state do you currently reside in?

       (OPEN) _____

Q3. Next, I would like to ask you a few questions on the issue of global warming. From what you've read and heard. Is there solid evidence that the average temperature on earth has been getting warmer over the past four decades?

       Yes………………………......…1
       No………………………………..2 (SKIP TO Q15)
       Not Sure (Volunteered)…………98 (SKIP TO Q20)
       Refused (Volunteered)………….99 (SKIP TO Q20)

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. 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)
Q7. Declining glaciers and polar ice throughout the globe	1	2	3	4	98	99
Q8. Warmer temperatures in your area during recent years	1	2	3	4	98	99
Q9. Computer models that indicate the earth is getting warmer	1	2	3	4	98	99
Q10. The strength of hurricanes hitting the United States	1	2	3	4	98	99
Q11. Milder winters in your area	1	2	3	4	98	99
Q12. Declining numbers of polar bears and penguins	1	2	3	4	98	99
Q13. Severe droughts in areas across the United States	1	2	3	4	98	99
Q14. Extreme weather events such as major storms and floods	1	2	3	4	98	99

**************************SKIP TO Q20***********************************

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

Q15. How confident are you that the average temperature on earth is 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

Q16. 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)
Q17. Your personal observations of weather in your area	1	2	3	4	98	99
Q18. Scientific evidence that disproves the existence of global warming	1	2	3	4	98	99
Q19. Reports that climate scientists have distorted data to demonstrate that global warming is occurring	1	2	3	4	98	99

Q20. Next I would like to ask for your views on a number of ideas that have been proposed to reduce greenhouse gas emissions and stabilize the climate.

[EXTENDED INFORMATION FOR SAMPLE B ONLY: One way to lower greenhouse gas emissions would be a tax on carbon based fuels such as coal, oil, and natural gas. A carbon fuels tax would provide incentives for people and businesses to use less of these fuels and generate fewer emissions.]

Consider a policy to reduce greenhouse gases by taxing carbon based fuels such as coal, oil, and natural gas. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

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

Q21. What if the carbon fuels tax significantly lowered greenhouse gases but increased your energy costs by 10 percent a month? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

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

Q22. [EXTENDED INFORMATION FOR SAMPLE B ONLY: Unlike other taxes, the main goal of a carbon fuels tax is NOT to raise money for the government. In fact, the government could return the revenue from this tax to the public as an income tax rebate. In this way, the tax could change peoples' behavior without changing the country's overall tax burden.]

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

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

Q23.

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

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

Q24.

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

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

Q25. If the federal government enacted a carbon fuels tax, which of the following options would you most prefer: **[READ LIST] [ROTATE OPTIONS]**

> Use all of the funds created by the tax to provide tax rebate checks to all citizens…..1
> Use all of the funds created by the tax for renewable energy research……………….2
> Use all of the funds created by the tax to reduce the federal deficit………………….3
> Not Sure (Volunteered)………………………………………………………………98
> Refused (Volunteered)………………………………………………………………99

Q26. If nothing is done to reduce greenhouse gas emissions, the average U.S. temperature is projected to increase by 4 to 11 degrees Fahrenheit by the year 2100. Would you be willing to pay [X] dollars more per month for energy and gasoline if it prevented temperatures from rising?

[CHOOSE X RANDOMLY FROM {5, 10, 20, 40}]

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

Q27. How certain are you that you'd actually be willing and able to pay this amount per month to prevent temperatures from rising?

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

Q28. What is the MOST you'd be willing to pay per month to prevent temperatures from rising?

> (OPEN) _____

The next few questions do not deal specifically with climate change. Instead, I'd like you to imagine that you have just won a lottery. The lottery will make a *one-time* payment to you in the future. Each question that I read will describe two possible ways to receive the winnings: Option A or Option B. Option A is to receive a single payment of $1,000 one MONTH from today. Option B is to receive a larger, single payment one YEAR from today. Although this scenario is hypothetical, try to answer as if you have won a real lottery.

*** SPLIT SAMPLE: READ ADDITIONAL SENTENCE ABOUT INTEREST RATES TO SAMPLE D ONLY ***

Q29. Option A is to receive $1,000 one month from today. Option B is to receive $1,020 one year from today. [FOR SAMPLE D ONLY: Option B reflects an annual interest rate of about 2 percent.] Which option would you prefer?

> Option A…………………………1
> Option B…………………………2 (SKIP TO Q35)
> Not Sure (Volunteered)…………98 (SKIP TO Q35)
> Refused (Volunteered)…….……99 (SKIP TO Q35)

Q30. Option A is to receive $1,000 one month from today. Option B is to receive $1,050 one year from today. [FOR SAMPLE D ONLY: Option B reflects an annual interest rate of about 5 percent.] Which option would you prefer?

> Option A…………………………1
> Option B…………………………2 (SKIP TO Q35)
> Not Sure (Volunteered)…………98 (SKIP TO Q35)
> Refused (Volunteered)…….……99 (SKIP TO Q35)

Q31. Option A is to receive $1,000 one month from today. Option B is to receive $1,100 one year from today. [FOR SAMPLE D ONLY: Option B reflects an annual interest rate of about 10 percent.] Which option would you prefer?

> Option A…………………………1
> Option B…………………………2 (SKIP TO Q35)
> Not Sure (Volunteered)…………98 (SKIP TO Q35)
> Refused (Volunteered)…….……99 (SKIP TO Q35)

Q32: Option A is to receive $1,000 one month from today. Option B is to receive $1,200 one year from today. [FOR SAMPLE D ONLY: Option B reflects an annual interest rate of about 20 percent.] Which option would you prefer?

        Option A…………………………1
        Option B………………………….2 (SKIP TO Q35)
        Not Sure (Volunteered)…………98 (SKIP TO Q35)
        Refused (Volunteered)……..……99 (SKIP TO Q35)

Q33. Option A is to receive $1,000 one month from today. Option B is to receive $1,500 one year from today. [FOR SAMPLE D ONLY: Option B reflects an annual interest rate of about 44 percent.] Which option would you prefer?

        Option A…………………………1
        Option B………………………….2 (SKIP TO Q35)
        Not Sure (Volunteered)…………98 (SKIP TO Q35)
        Refused (Volunteered)……..……99 (SKIP TO Q35)

Q34. Option A is to receive $1,000 one month from today. Option B is to receive $2,000 one year from today. [FOR SAMPLE D ONLY: Option B reflects an annual interest rate of about 76% percent.] Which option would you prefer?

        Option A…………………………1
        Option B………………………….2
        Not Sure (Volunteered)…………98
        Refused (Volunteered)……..……99

Q35. Suppose again that Option A is to receive $1,000 one month from today. Option B is to receive a larger amount of money one year from today. What is the LEAST amount of money you would need one YEAR from today to make you prefer Option B?

        (OPEN) _____

Q36. Finally a few questions about yourself. Which of the following categories best describes your racial identity? Are you… **[READ LIST]**

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

Q37. Which of the following categories best describes your religious affiliation? Are you… **[READ LIST]**

Protestant…………………………………………...1
Catholic………………………………….…2 (SKIP Q39)
Jewish..……………………………………...3 (SKIP Q39)
Muslim ………………………………….…4 (SKIP Q39)
Hindu…………………………………….....5 (SKIP Q39)
Other religion (including agnostic)………...…6 (SKIP Q39)
Atheist..…………………………………….…7 (SKIP Q39)
Not Sure (Volunteered)……………………....98 (SKIP Q39)
Refused (Volunteered)…………………….....99 (SKIP Q39)

Q38. Would you describe yourself as an evangelical Christian?

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

Q39. 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

Q40. 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

Q41. 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

Q42. 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

Q43. Over the past 12 months, would you say that your personal financial situation has been getting better, been getting worse, or stayed about the same?

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

Q44. 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

Q45. What is the zip code of your current residence?

        (Response) _____

Q46. Finally, we'd like to know how well you felt you understood this survey. Overall, did you understand the survey questions very well, fairly well, not too well, or not well at all?

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

Q47. Thank you for your help with the survey. We appreciate your time.

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

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

The National Surveys on Energy and Environment (NSEE)
Spring 2014 Data Tables

Survey Methodology	
N	798 (425 Land Line & 373 Cell Phone)
Margin of Error	+/- 3.5%
Fielding Dates	March 24, 2014 - April 9, 2014
AAPOR RR3 Response Rate	12%
Data tables below are weighted by Gender, Age, Race, Income, and Education	

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

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

		Total
Thank you. In which category does your current age fall? [READ LIST]	18-29	20%
	30-44	28%
	45-64	30%
	65 and older	21%
	Refused, but stated they are 18 or over	1%
	N	*798*

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

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

		Total
What state do you currently reside in? [CODED INTO REGIONS]	Northeast	20%

		Total
	South	37%
	Midwest	19%
	West	23%
	N	798

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

Q3. Next, I would like to ask you a few questions on the issue of global warming. From what you've read and heard. Is there solid evidence that the average temperature on earth has been getting warmer over the past four decades?

		Total
Next, I would like to ask you a few questions on the issue of global warming. From what you've read and heard. Is there solid evidence that the average temperature on earth has been getting warmer over the past four decades?	Yes	55%
	No	33%
	Not Sure (Volunteered)	12%
	N	797

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

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

		Total
How confident are you that the average temperature on earth is increasing? Are you very confident, fairly confident, not too confident or not confident at all that the average temperature on earth is increasing? (Among those who said there is solid evidence of global warming)	Very Confident	57%
	Fairly Confident	37%
	Not Too Confident	4%
	Not Confident At All	2%
	N	435

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

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

		Total
Is the earth getting warmer because of human activity such as burning fossil fuels, or mostly because of natural patterns in the earth's environment? (Among those who said there is solid evidence of global warming)	Human Activity	37%
	Natural Patterns	22%
	A Combination (Volunteered)	37%
	Not Sure (Volunteered)	4%
	N	435

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

Q6. 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	9%
	Warmer Temperatures Observed	11%
	Weather Changes	19%
	Scientific Research/Data	11%
	Gore Documentary	<1%
	Media Coverage	7%
	Declining Species	1%
	Human Activity	17%
	Natural Patterns	9%
	Ocean/Sea-level Rise	3%
	Religious Factors	<1%
	Population Growth	1%
	Growing Seasons/Plants	0%
	Not Sure/Other	16%
	N	435

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

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Q7-14. Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor that I mention please indicate if it has had a very large, somewhat large, not too large, or no effect on your view that the earth is getting warmer. [Rotated List]

		Declining glaciers and polar ice throughout the globe	Warmer temperatures in your area during recent years	Computer models that indicate the earth is getting warmer	The strength of hurricanes hitting the United States	Milder winters in your area	Declining numbers of polar bears and penguins	Severe droughts in areas across the United States	Extreme weather events such as major storms and floods
Next I would like to read you a list of factors that may or may not have had an effect on your view that the earth is getting warmer. For each factor	Very Large	58%	42%	19%	24%	15%	33%	45%	37%
	Somewhat Large	24%	29%	32%	42%	24%	36%	40%	44%
	Not Too Large	9%	21%	20%	24%	41%	14%	8%	14%
	No Effect	7%	7%	24%	8%	20%	12%	5%	5%

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		Declining glaciers and polar ice throughout the globe	Warmer temperatures in your area during recent years	Computer models that indicate the earth is getting warmer	The strength of hurricanes hitting the United States	Milder winters in your area	Declining numbers of polar bears and penguins	Severe droughts in areas across the United States	Extreme weather events such as major storms and floods
	Not Sure (Volunteered)	2%	1%	6%	3%	1%	5%	2%	<1%
	N	435	435	435	435	435	434	435	435

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

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Q15. How confident are you that the average temperature on earth is 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?

[ROTATED LIST]		Total
How confident are you that the average temperature on earth is not increasing? Are you very confident, fairly confident, not too confident or not confident at all that the average temperature on earth is not increasing? (Among those who said there is not solid evidence of global warming)	Very Confident	34%
	Fairly Confident	58%
	Not Too Confident	7%
	Not Confident At All	1%
	N	263

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

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Q16. 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	38%
	Natural Patterns	21%
	Not Enough Evidence	8%
	Media has Misled	1%
	Evidence Disproves	9%
	Religious Factors	6%
	Political Factors	4%
	No Particular Reason	3%
	Not Sure/Other	11%
	N	264

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

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Q17-19. 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	56%	19%	24%
	Somewhat Large	25%	23%	18%
	Not Too Large	10%	18%	13%
	No Effect	10%	38%	43%
	Not Sure (Volunteered)	0%	1%	2%
	N	264	264	264

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

Next I would like to ask for your views on a number of ideas that have been proposed to reduce greenhouse gas emissions and stabilize the climate.

Q20.

[Additional text for Sample B: One way to lower greenhouse gas emissions would be a tax on carbon based fuels such as coal, oil, and natural gas. A carbon fuels tax would provide incentives for people and businesses to use less of these fuels and generate fewer emissions.]

Consider a policy to reduce greenhouse gases by taxing carbon based fuels such as coal, oil, and natural gas. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?

		Sample A	Sample B
[Additional text for Sample B: One way to lower greenhouse gas emissions would be a tax on carbon based fuels such as coal, oil, and natural gas. A carbon fuels tax would provide incentives for people and businesses to use less of these fuels and generate fewer emissions.] Consider a policy to reduce greenhouse gases by taxing carbon based fuels such as coal, oil, and natural gas. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose this type of system?	Strongly Support	10%	12%
	Somewhat Support	24%	22%
	Somewhat Oppose	10%	13%
	Strongly Oppose	52%	46%
	Not Sure (Volunteered)	5%	7%
	N	413	385

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

Q21. What if the carbon fuels tax significantly lowered greenhouse gases but increased your energy costs by 10 percent a month? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?

		Total
What if the carbon fuels tax significantly lowered greenhouse gases but increased your energy costs by 10 percent a month? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?	Strongly Support	9%
	Somewhat Support	20%
	Somewhat Oppose	15%

		Total
	Strongly Oppose	53%
	Not Sure (Volunteered)	3%
	N	*798*

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

Q22.

[Additional text for Sample B: Unlike other taxes, the main goal of a carbon fuels tax is NOT to raise money for the government. In fact, the government could return the revenue from this tax to the public as an income tax rebate. In this way, the tax could change peoples' behavior without changing the country's overall tax burden.]

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

		Sample A	Sample B
[Additional text for Sample B: Unlike other taxes, the main goal of a carbon fuels tax is NOT to raise money for the government. In fact, the government could return the revenue from this tax to the public as an income tax rebate. In this way, the tax could change peoples' behavior without changing the country's overall tax burden.] What if the carbon fuels tax were "revenue neutral," meaning that every dollar collected by the government would be returned to the public as an income tax rebate. Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?	Strongly Support	23%	19%
	Somewhat Support	33%	38%
	Somewhat Oppose	10%	10%
	Strongly Oppose	30%	28%
	Not Sure (Volunteered)	5%	5%
	N	*413*	*385*

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

Q23.

[Additional text for Sample B: Another idea is to use the revenue from a carbon fuels tax to fund research and development for renewable energy programs. For example, this research might improve the efficiency of wind and solar power, which could reduce greenhouse gas emissions.]

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

		Sample A	Sample B
[Additional text for Sample B: Another idea is to use the revenue from a carbon fuels tax to fund research and development for renewable energy programs. For example, this research might improve the efficiency of wind and solar power, which could reduce greenhouse gas emissions.] What if revenues from the tax were used to fund research and development for renewable energy programs? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?	Strongly Support	27%	28%
	Somewhat Support	35%	29%
	Somewhat Oppose	8%	8%
	Strongly Oppose	28%	31%
	Not Sure (Volunteered)	2%	4%
	N	*413*	*385*

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

Q24.

[Additional text for Sample B: Another idea is to use the revenue from a carbon fuels tax to reduce the federal deficit. This would slow the growth of the national debt, possibly reducing taxes in the future.]

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

		Sample A	Sample B
[Additional text for Sample B: Another idea is to use the revenue from a carbon fuels tax to reduce the federal deficit. This would slow the growth of the national debt, possibly reducing taxes in the future.] What if revenues from the tax were used to reduce the federal deficit? Would you strongly support, somewhat support, somewhat oppose, or strongly oppose such a system?	Strongly Support	11%	10%
	Somewhat Support	28%	27%
	Somewhat Oppose	13%	14%
	Strongly Oppose	42%	44%
	Not Sure (Volunteered)	6%	5%
	N	*413*	*385*

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

Q25. If the federal government enacted a carbon fuels tax, which of the following options would you most prefer: [READ LIST] [ROTATE OPTIONS]

		Total
If the federal government enacted a carbon fuels tax, which of the following options would you most prefer: [READ LIST] [ROTATE OPTIONS]	Use all of the funds created by the tax to provide tax rebate checks to all citizens	34%
	Use all of the funds created by the tax for renewable energy research	39%
	Use all of the funds created by the tax to reduce the federal deficit	17%
	Not Sure (Volunteered)	10%
	N	*751*

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

Q26. If nothing is done to reduce greenhouse gas emissions, the average U.S. temperature is projected to increase by 4 to 11 degrees Fahrenheit by the year 2100. Would you be willing to pay [X] dollars more per month for energy and gasoline if it prevented temperatures from rising?

		$5	$10	$20	$40
If nothing is done to reduce greenhouse gas emissions, the average U.S. temperature is projected to increase by 4 to 11 degrees	Yes	54%	49%	49%	43%
	No	43%	40%	39%	53%

		$5	$10	$20	$40
Fahrenheit by the year 2100. Would you be willing to pay [X] dollars more per month for energy and gasoline if it prevented temperatures from rising?	Not Sure (Volunteered)	2%	11%	12%	4%
	N	199	193	206	191

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

Q27. How certain are you that you'd actually be willing and able to pay this amount per month to prevent temperatures from rising?

		Total
How certain are you that you'd actually be willing and able to pay this amount per month to prevent temperatures from rising?	Very Certain	56%
	Fairly Certain	35%
	Not Too Certain	5%
	Not Certain At All	3%
	Not Sure (Volunteered)	1%
	N	382

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

Q28. What is the most you'd be willing to pay per month to prevent temperatures from rising? [Coded open-end response]

		Total
What is the most you'd be willing to pay per month to prevent temperatures from rising? [Coded open-end response]	Nothing each month	45%
	1 to 50 dollars per month	47%
	50 to 100 dollars per month	2%
	100 to 250 dollars per month	<1%
	250 to 500 dollars per month	<1%
	Over 500 dollars per month	<1%
	Not Sure (Volunteered)	6%
	N	798

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

The next few questions do not deal specifically with climate change. Instead, I'd like you to imagine that you have just won a lottery. The lottery will make a one-time payment to you in the future. Each question that I read will describe two possible ways to receive the winnings: Option A or Option B. Option A is to receive a single payment of $1,000 one month from today. Option B is to receive a larger, single payment one year from today. Although this scenario is hypothetical, try to answer as if you have won a real lottery.

Q29. Option A is to receive $1,000 one month from today. Option B is to receive $1,020 one year from today.

   [Additional text for Sample D: Option B reflects an annual interest rate of about 2 percent.]

Which option would you prefer?

		Sample C	Sample D
Option A is to receive $1,000 one month from today. Option B is to receive $1,020 one year from today. [Additional text for Sample D: Option B reflects an annual interest rate of about 2 percent.] Which option would you prefer?	Option A	83%	85%
	Option B	13%	11%
	Not Sure (Volunteered)	4%	4%
	N	381	396

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

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Q30. Option A is to receive $1,000 one month from today. Option B is to receive $1,050 one year from today.

   [Additional text for Sample D: Option B reflects an annual interest rate of about 5 percent.]

Which option would you prefer?

		Sample C	Sample D
Option A is to receive $1,000 one month from today. Option B is to receive $1,050 one year from today. [Additional text for Sample D: Option B reflects an annual interest rate of about 5 percent.] Which option would you prefer? (Among those who chose Option A in Q29)	Option A	93%	91%
	Option B	6%	9%
	Not Sure (Volunteered)	1%	0%
	N	313	333

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

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Q31. Option A is to receive $1,000 one month from today. Option B is to receive $1,100 one year from today.

   [Additional text for Sample D: Option B reflects an annual interest rate of about 10 percent.]

Which option would you prefer?

		Sample C	Sample D
Option A is to receive $1,000 one month from today. Option B is to receive $1,100 one year from today. [Additional text for Sample D: Option B reflects an annual interest rate of about 10 percent.] Which option would you prefer? (Among those who chose Option A in Q30)	Option A	91%	88%
	Option B	9%	11%
	Not Sure (Volunteered)	<1%	1%
	N	290	303

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

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Q32. Option A is to receive $1,000 one month from today. Option B is to receive $1,200 one year from today.

   [Additional text for Sample D: Option B reflects an annual interest rate of about 20 percent.]

Which option would you prefer?

		Sample C	Sample D
Option A is to receive $1,000 one month from today. Option B is to receive $1,200 one year from today. [Additional text for Sample D: Option B reflects an annual interest rate of about 20 percent.] Which option would you prefer? (Among those who chose Option A in Q31)	Option A	88%	84%
	Option B	11%	15%
	Not Sure (Volunteered)	1%	1%
	N	264	266

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

Q33. Option A is to receive $1,000 one month from today. Option B is to receive $1,500 one year from today.

   [Additional text for Sample D: Option B reflects an annual interest rate of about 44 percent.]

Which option would you prefer?

		Sample C	Sample D
Option A is to receive $1,000 one month from today. Option B is to receive $1,500 one year from today. [Additional text for Sample D: Option B reflects an annual interest rate of about 44 percent.] Which option would you prefer? (Among those who chose Option A in Q32)	Option A	72%	70%
	Option B	25%	29%
	Not Sure (Volunteered)	2%	1%
	N	232	222

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

Q34. Option A is to receive $1,000 one month from today. Option B is to receive $2,000 one year from today.

   [Additional text for Sample D: Option B reflects an annual interest rate of about 76 percent.]

Which option would you prefer?

		Sample C	Sample D
Option A is to receive $1,000 one month from today. Option B is to receive $2,000 one year from today. [Additional text for Sample D: Option B reflects an annual interest rate of about 76 percent.] Which option would you prefer? (Among those who chose Option A in Q33)	Option A	75%	80%
	Option B	23%	18%
	Not Sure (Volunteered)	2%	1%
	N	167	156

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

Q35. Suppose again that Option A is to receive $1,000 one month from today. Option B is to receive a larger amount of money one year from today. What is the least amount of money you would need one year from today to make you prefer Option B? [Coded open-end response]

	Total

Suppose again that Option A is to receive $1,000 one month from today. Option B is to receive a larger amount of money one year from today. What is the least amount of money you would need one year from today to make you prefer Option B? [Coded open-end response]	1,000 dollars or less	16%
	1,001 to 1,499 dollars	20%
	1,500 to 2,999 dollars	27%
	3,000 to 9,999 dollars	7%
	10,000 dollars or more	14%
	Other	1%
	Not Sure (Volunteered)	14%
	N	789

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

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Finally a few questions about yourself.

Q36. 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	65%
	African-American	14%
	Hispanic	12%
	Latino	1%
	Asian	3%
	Native American	1%
	Mixed Race	3%
	Other	1%
	N	787

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

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Q37. 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	50%
	Catholic	27%
	Jewish	1%
	Muslim	2%
	Hindu	1%
	Other Religion (Including Agnostic)	14%
	Atheist	4%
	Not Sure (Volunteered)	1%
	N	750

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

Q38. Would you describe yourself as an evangelical Christian?

		Total
Would you describe yourself as an evangelical Christian? (Among those who identified as Protestant)	Yes	24%
	No	71%
	Not Sure (Volunteered)	4%
	N	369

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

Q39. 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	29%
	Some College or Technical School	29%
	College Graduate	27%
	Graduate or Professional Degree	10%
	N	789

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

Q40. 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	56%
	Newspapers	9%
	Talk Radio Programs	2%
	Radio News Programs	2%
	The Internet	29%
	Other (Volunteered)	2%
	Not Sure (Volunteered)	1%
	N	793

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

Q41. 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	39%
	Republican	24%
	Other Party	5%
	Independent	29%
	Not Sure (Volunteered)	2%
	N	741

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

Q42. 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%
	Somewhat Conservative	25%
	Moderate	32%
	Somewhat Liberal	19%
	Very Liberal	7%
	Not Sure (Volunteered)	4%
	N	749

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

Q43. Over the past 12 months, would you say that your personal financial situation has been getting better, been getting worse, or stayed about the same?

		Total
Over the past 12 months, would you say that your personal financial situation has been getting better, been getting worse, or stayed about the same?	Better	18%
	Worse	25%
	About the Same	56%
	Not Sure (Volunteered)	<1%
	N	776

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

Q44. 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	18%
	20,000 - 40,000	26%
	40,000 - 60,000	20%
	60,000 - 80,000	12%
	80,000 - 100,000	7%

	Total
Over 100,000	13%
Not Sure (Volunteered)	6%
N	*581*

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

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Q46. Finally, we'd like to know how well you felt you understood this survey. Overall, did you understand the survey questions very well, fairly well, not too well, or not well at all?

		Total
Finally, we'd like to know how well you felt you understood this survey. Overall, did you understand the survey questions very well, fairly well, not too well, or not well at all?	Very Well	49%
	Fairly Well	40%
	Not Too Well	10%
	Not Well At All	<1%
	Not Sure (Volunteered)	<1%
	N	*789*

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	*798*

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.