




**Field Report**  
**Ethanol Conjoint Survey**  
**January - February 2009**

**Conducted for,**  
**University of Tennessee**

**Submitted to:**  
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<b>Knowledge Networks Deliverable Authorization</b>			
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## Ethanol Conjoint Survey

### Introduction

Knowledge Networks conducted a study of opinion and preference regarding fuel and alternative fuel choices for the University of Tennessee (UT) on behalf of the United States Department of Agriculture (USDA). UT provided Knowledge Networks with the survey instrument and conjoint design sets. In conjunction with UT, Knowledge Networks revised the instrument so that it met the design requirements of the study as well as those of the MSN WebTV platform. A pretest survey was conducted to determine the survey length and verify all survey functionality worked correctly. Pretest data was delivered to UT for review.

Once final changes to the main study had been implemented, the survey was fielded on January 16<sup>th</sup>, 2009 to 2,851 panel members age eighteen years of age or older who represented a general population sample. The completion goal was to collect a total of 1,600 qualified interviews, 800 per survey version. The survey duration goal for the main survey was 20 minutes; actual duration was approximately 19 minutes. Table 1 below displays the field period and completion rate of the survey.

**Table 1. Survey Completion Rate**

Field Start Date	Field End Date	Cases Fielded	Completes	Completion Rate	Qualified	Qualification Rate
1/16/09	2/4/09	2,851	1909	67%	1,727*	90%

\*813 cases completed the E0 survey

\*914 cases completed the E10 survey

### Data File Deliverables and Descriptions

The following file has been delivered to UT: a fully labeled SPSS data file containing the survey data including Knowledge Network's standard profile variables, which are owned by Knowledge Networks and licensed to UT for analysis and reporting.

**Table 2. Deliverable Description**

<i>Delivery Date</i>	<i>File Type</i>	<i>File Name</i>	<i>File Size</i>	<i>N Records</i>	<i>Inclusion of Standard Background Demographics</i>
2/6/09	SPSS	Ethanol_Conjoint_Main_Client.sav	1630KB	N=1909	Yes

Table 3 below shows the name and description of each of the supplemental variables.

**Table 3: Supplemental Variables**

Variable Name	Variable Description
CaseID	Case Identification Number
Weight1	Final Post Stratification weight - total completes (by survey version)
Weight2	Final Post Stratification weight - qualified completes (by survey version)
partyid3	Party ID 3
partyid7	Party ID 7
xethanol	Survey Version
Version	Conjoint Set
tm_start	Interview start time
tm_finish	Interview finish time
duration	Interview duration in minutes
ppgender	Gender
ppage	Age -- profile and Recruitment
ppagecat	Age – 7 categories
ppagect4	Age – 4 categories
ppeduc	Education (highest degree received)
ppeducat	Education – categorical
ppethm	Race/Ethnicity
pphhead	Household head
pphsize	Household size
pprent	Ownership status of living quarters
ppincimp	HH Income (profile and imputed)
ppnet	HH Internet Access
ppmarit	Marital status
pphouse	Housing type
ppt01	Total number of HH members age 1 or younger
ppt25	Total number of HH members age 2 to 5
ppt612	Total number of HH members age 6 to 12
ppt1317	Total number of HH members age 13 to 17
ppt18ov	Total number of HH members age 18 or older
ppwork	Current Employment Status
ppstater	State of residence
ppreg4	Region 4 - based on State of residence
ppreg9	Region 9 - based on State of residence

## Key Personnel

Key personnel on the Ethanol Conjoint Survey:

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## **Knowledge Networks Methodology**

### **Introduction**

Knowledge Networks has recruited the first online research panel - KnowledgePanel<sup>SM</sup> - that is representative of the entire U.S. population. Panel members are randomly recruited by telephone and households are provided with access to the Internet and hardware if needed. Unlike other Internet research which covers only individuals with Internet access who volunteer for research, Knowledge Networks surveys are based on a sampling frame which includes both listed and unlisted numbers, and is not limited to current Web users or computer owners.

Knowledge Networks selects households using random digit dialing (RDD). Once a person is recruited to the panel, they can be contacted by e-mail (instead of by phone or mail). This permits surveys to be fielded very quickly and economically. In addition, this approach reduces the burden placed on respondents, since e-mail notification is less obtrusive than telephone calls, and most respondents find answering Web questionnaires to be more interesting and engaging than being questioned by a telephone interviewer.

### **KnowledgePanel<sup>SM</sup> Recruitment Methodology**

Beginning recruitment in 1999, Knowledge Networks (KN) has established the first online research panel based on probability sampling that covers both the online and offline populations in the U.S. The panel members are randomly recruited by telephone and households are provided with access to the Internet and hardware if needed. Unlike other Internet research that covers only individuals with Internet access who volunteer for research, Knowledge Networks surveys are based on a sampling frame that includes both listed and unlisted phone numbers, and is not limited to current Web users or computer owners. Panelists are selected by chance to join the panel; unselected volunteers are not able to join the KN panel.

Knowledge Networks initially selects households using random digit dialing (RDD) sampling methodology. Once a household is contacted by phone and household members recruited to the panel by obtaining their e-mail address or setting up e-mail addresses, panel members are sent surveys over the Internet using e-mail (instead of by phone or mail). This permits surveys to be fielded quickly and economically, and also facilitates longitudinal research. In addition, this approach reduces the burden placed on respondents, since e-mail notification is less obtrusive than telephone calls, and allows research subjects to participate in research when it is convenient for them.

Knowledge Networks' panel recruitment methodology uses the quality standards established by selected RDD surveys conducted for the Federal Government (such as the CDC-sponsored National Immunization Survey).

Knowledge Networks utilizes list-assisted RDD sampling techniques on the sample frame consisting of the entire United States residential telephone population. Knowledge Networks excludes only those banks of telephone numbers (consisting of 100 telephone numbers) that have zero directory-listed phone numbers. Two strata are defined using 2000 Census Decennial Census data that has been appended to all telephone exchanges. The first stratum has a higher concentration of Black and Hispanic households and the second stratum has a lower concentration relative to the national estimates. Knowledge Networks' telephone numbers are selected from the 2+ banks with equal probability of selection for each number within each of the 2 strata, with the Black and Hispanic stratum being sampled at a higher rate than the other stratum. Note that the sampling is done without replacement to ensure that numbers already fielded by Knowledge Networks do not get fielded again.

Telephone numbers for which Knowledge Networks is able to recover a valid postal address is about 60%-70%. The telephone numbers for which an address is recovered are selected with certainty; between one-half and one-third of the remainder were subsampled randomly depending on the recruitment period up until July 2005. In May 2007 subsampling was resumed at a rate of 0.75 of non-address households. The address-matched telephone numbers are sent an advance mailing informing them that they have been selected to participate in KnowledgePanel<sup>SM</sup>.

Following the mailing, the telephone recruitment process begins for all sampled phone numbers. Cases sent to telephone interviewers are dialed up to 90 days, with at least 10 dial attempts on cases where no one answers the phone, and on phone numbers known to be associated with households. Extensive refusal conversion is also performed. Experienced interviewers conduct all recruitment interviews. The recruitment interview, which typically requires about 10 minutes, begins with the interviewer informing the household member that they have been selected to join KnowledgePanel<sup>SM</sup>. If the household does not have a PC and access to the Internet, they are told that in return for completing a short survey weekly, the household will be given a WebTV set-top box and free monthly Internet access. All members in the household are then enumerated, and some initial demographic variables and background information of prior computer and Internet usage are collected.

As of August 2002, those RDD households that inform interviewers that they have a home computer and Internet access have been recruited to the panel and asked to take their surveys using their own equipment and Internet connections. Points, which can be redeemed for cash at regular intervals, are given to respondents for completing their surveys and take the place of a free WebTV and monthly Internet access provided to other panel households. Additional incentive points may be added to specific surveys to improve response rates or to compensate for longer surveys.

Prior to shipment, each WebTV unit is custom configured with individual email accounts, so that it is ready for immediate use by the household. Most households are able to install the hardware without additional assistance, though Knowledge Networks maintains a telephone technical support line and will, when needed, provide on-site



installation. The Knowledge Networks Call Center also contacts household members who do not respond to e-mail and attempts to restore contact and cooperation. PC panel members provide KN with their email account and their weekly surveys are sent to that email account.

All new WebTV panel members are sent an initial survey to confirm equipment installation and familiarize them with the WebTV unit. For all new panel members, demographics such as gender, age, race, income, and education are collected in a follow-up survey for each panel member to create a member profile. This information can be used to determine eligibility for specific studies and need not be gathered with each survey. Once this survey is completed, the panel member is regarded as active and ready to be sampled for other surveys. Parental or legal guardian consent is also collected for conducting surveys with teenagers age 13-17 as part of the first survey.

### **Survey Administration**

For client-based surveys, a sample is drawn at random from active panel members who meet the screening criteria (if any) for the client's study. The typical sample size is between 200 and 2000 persons, depending on the purpose of the study. Once selected, members can be sent an advance letter by email several days prior to receiving the questionnaire through their WebTV appliance or personal computer to notify them of an important, upcoming survey.

Once assigned to a survey, members receive a notification email on their WebTV or personal computer letting them know there is a new survey available for them to take. The email notification contains a button to start the survey. No login name or password is required. The field period depends on the client's needs, and can range anywhere from a few minutes to two weeks.

Email reminders are sent to uncooperative panel members. If email does not generate a response, a phone reminder is initiated. The usual protocol is to wait at least three days and to permit a weekend to pass before calling. Knowledge Networks also operates an ongoing incentive program to encourage participation and create member loyalty. To assist panel members with their survey taking, each individual has a personalized "home page" that lists all the surveys that were assigned to that member and have yet to be completed.

### **Survey Sampling from KnowledgePanel<sup>SM</sup>**

Once Panel Members are recruited and profiled, they become eligible for selection for specific surveys. In most cases, the specific survey sample represents a simple random sample from the panel. The sample is drawn from eligible members using an implicitly stratified systematic sample design. Customized stratified random sampling based on profile data is also conducted, as required by specific studies.

The primary sampling rule is not to assign more than six surveys per month to members with the expectation that on average four surveys a month will be completed by a panel member. In certain cases, a survey sample calls for pre-screening, that is, members are drawn from a sub-sample of the panel (e.g., females, Republicans). In such cases, care is taken to ensure that all subsequent survey samples drawn that week are selected in such a way as to result in a sample that is representative of the panel distributions.

## Sample Weights

The design for a KnowledgePanel<sup>SM</sup> sample begins as an equal probability sample that is self-weighting with several enhancements incorporated to improve efficiency. Any alteration in the selection process is a deviation from a pure equal probability sample design. Statistical adjustments using weights can be made to the data to offset these selection deviations. These adjustments are incorporated in the sample's **base weight**.

There are also several sources of survey error that are an inherent part of any survey process, such as non-coverage and non-response due to panel recruitment methods and to inevitable panel attrition. We address these sources of sampling and non-sampling error using a **panel demographic post-stratification weight** as an additional adjustment.

Lastly, a set of **study-specific post-stratification weights** are constructed to adjust for a given study's sample design and survey non-response.

A description of these types of weights follows.

### The Base Weight

In a Knowledge Networks panel sample, there are eight known sources of deviation from an equal probability of selection design. These are corrected in the Base Weight and are described below.

#### **1. Under-sampling of telephone numbers unmatched to a valid mailing address**

An address match is attempted on all the Random Digit Dial (RDD) generated telephone numbers in the sample after the sample has been purged of business and institutional numbers and screened for non-working numbers. The success rate for address matching is in the 60-70% range. The telephone numbers with valid addresses are sent an advance letter, notifying the household that they will be contacted by phone to join KnowledgePanel<sup>SM</sup>. The remaining, unmatched numbers are under-sampled as a recruitment efficiency strategy. Advance letters improve recruitment success rates. Under-sampling stopped between July 2005 and April 2007. It was resumed in May 2007 with a sampling rate of 0.75.

## **2. RDD selection proportional to the number of telephone landlines reaching the household**

As part of the field data collection operation, information is collected on the number of separate telephone landlines in each selected household. A multiple line household's selection probability is down weighted by the inverse of its number of landlines.

## **3. Some minor oversampling of Chicago and Los Angeles due to early pilot surveys**

Two pilot surveys carried out in Chicago and Los Angeles when the panel was first being built increased the relative size of the sample from these two cities. With natural attrition and growth in size, the impact is disappearing over time. It remains part of our base adjustment weighting because of a small number of extant panel members from that nascent panel cohort.

## **4. Early oversampling the four largest states and central region states**

At the time when the panel was first being built, survey demand in the four largest states (California, New York, Florida, and Texas) required over-sampling during January-October 2000. Similarly, the central region states were over-sampled for a brief period. These now diminishing effects still remain in the panel membership and thus require weighting adjustments for these geographic areas.

## **5. Under-sampling of households not covered by the MSN<sup>®</sup> TV service network**

Certain areas of the U.S. are not serviced by MSN<sup>®</sup>, thus MSN<sup>®</sup>TV units cannot be used. We under-sample households in these areas and use other Internet Service Providers for their Internet access.

## **6. Oversampling of African- American and Hispanic telephone exchanges**

As of October 2001, we began over-sampling telephone exchanges with a higher density of minority households (uniquely African American and Hispanic) to increase panel membership for those groups. This over-sampling is corrected in the base weight.

## **7. Under-sampling of households with no access to the Internet**

To reduce costs associated with the MSN<sup>®</sup>TV unit distribution, set-up and maintenance, households with no Internet access have been under-sampled since August 2002.

## **8. Selection of one adult in a household with two or more adults**

For some samples, adult members are selected in two stages: households in the first stage and one adult per household in the second stage. A base weight selection correction is made by multiplying the selected adult by the inverse of the number of adults residing in the household. For many other samples, panel members can also be selected from the entire pool of members regardless of household affiliation. In this latter case, a base weight adjustment is not applied.

### **The Panel Demographic Post-stratification Weight**

To reduce the effects of any non-response and non-coverage bias in panel estimates, a post-stratification raking adjustment is applied using demographic distributions from the most recent data from the Current Population Survey (CPS). The post-stratification variables include age, race, gender, Hispanic ethnicity and education. This weighting adjustment is applied prior to the selection of any client sample from KnowledgePanel<sup>SM</sup>. These weights constitute the starting weights for any client survey selected from the panel.

### **The Study-Design Post-stratification Weights**

Once the study data are returned from the field, the final qualified respondent data are subjected to an additional post-stratification process to adjust for any non-response and non-coverage as a result of the study-specific sample design. This was implemented separately and identically for the two subsamples that completed the two versions of the questionnaire. Demographic and geographic distributions representing the study population within KnowledgePanel<sup>SM</sup> are used as benchmarks for this adjustment.

The primary purpose of this post-stratification adjustment is to reduce the sampling variance for any characteristics highly correlated with the representative study population's demographic and geographic totals (these are referred to as the population benchmarks). This adjustment also helps reduce bias due to survey non-response. The following benchmark distributions are generally utilized for this type of post-stratification adjustment:

- Gender (Male, Female)
- Age (18-29, 30-44, 45-59, 60+)
- Race/Hispanic ethnicity (White/Non-Hispanic, Black/Non-Hispanic, Other/Non-Hispanic, 2+ Races/Non-Hispanic, Hispanic)
- Education (Less than High School, High School, Some college, Bachelor and beyond)
- Census Region (Northeast, Midwest, South, West)
- Metropolitan Area (Yes, No)
- Internet Access (Yes, No)

Comparable distributions are calculated using all qualified completed cases from the field data. Since most sample sizes are typically too small to accommodate a complete cross-tabulation of all the survey variables with all the benchmark variables, an iterative proportional fitting is used for the post-stratification weighting adjustment. This procedure adjusts the sample data back to all of the benchmark proportions. Through an iterative convergence process, the weighted sample data are optimally fitted to the marginal distributions.

After this final post-stratification adjustment, the distribution of the calculated weights are examined to identify and, if necessary, trim outliers at the extreme upper and lower tails of the weight distribution. The post-stratified and trimmed weights of all qualified respondents are generally scaled so that the weighted data sum to the actual sample size of total qualified respondents. Depending on the sample design and the type of analyses to be performed, there are many variations to what is the best possible weighting for a given study. It is not unusual to have multiple sets of weights designed for different analytical approaches.

## APPENDIX A: QUESTIONNAIRE

[DISPLAY]

This survey is being conducted by researchers at the University of Tennessee to better understand consumer views on automotive fuel. All individual responses will be held strictly confidential. Access to individual responses will be limited to the researchers conducting the survey. The survey will take about 15-20 minutes to complete. Only summaries of responses from the survey will be reported. Honest and thoughtful answers to this survey are vital to the integrity of the research process.

Please answer as honestly and accurately as possible. We ask that only individuals who are 18 years or older participate in this survey.

[RADIO]

Q1. How many automobiles are currently owned or leased by members of your household (including yourself)?

0	.....	1
1	.....	2
2	.....	3
3	.....	4
4+	.....	5

[TERMINATE if Q1=1]

[ASK IF Q1=2]

[RADIO]

Q2. What type of engine does this automobile have?

Gasoline	.....	1
Diesel	.....	2
Hybrid (Gasoline/Electric)	.....	3
Other	.....	4

[TERMINATE if Q2=2 or 4]

[ASK IF Q1=3 OR 4 OR 5]

[RADIO]

Please answer the following questions only for the household automobile that you drive the most often.

Q3. What type of engine does this automobile have?

Gasoline	.....	1
Diesel	.....	2

Hybrid (Gasoline/Electric).....3  
Other .....4

[TERMINATE if Q3=2 or 4]

[RADIO]

Q4. What type of transmission does this automobile have?

Manual .....1  
Automatic.....2

[RADIO]

Q5. What type of drive system does this automobile have?

Front wheel drive .....1  
Rear wheel drive .....2  
Four or all wheel drive.....3  
Don't know .....4

[FOR Q6\_1 and Q6\_2 SEE SPREADSHEET]

[PULL-DOWN MENU - USE ROW A OF SPREADSHEET (59 CHOICES TOTAL)]

Q6\_1. What is the make of this automobile?

[TEXT BOX]

[ASK IF Q6\_1=OTHER]

Q6\_1\_1. What is the model of this automobile?

[PULL-DOWN MENU]

[ASK IF Q6\_1≠OTHER OR DON'T KNOW OR SKIP - USE APPROPRIATE COLUMN GIVEN ANSWER IN Q6\_1]

Q6\_2. What is the model of this automobile?

[RADIO]

Q7. What type of automobile is it?

- 1 Compact or economy car
- 2 Mid-size sedan
- 3 Full-size sedan or luxury sedan
- 4 Sports car
- 5 Sport utility vehicle
- 6 Small pick-up truck
- 7 Large pick-up truck
- 8 Mini-van

9 Van  
10 Other [TEXT BOX] Please describe:

[RADIO]

Q8. What is the model year of this automobile?

1 2009  
2 2008  
3 2007  
4 2006  
5 2005  
6 2004  
7 2003  
8 2002  
9 2001  
10 2000  
11 1999  
12 1998  
13 1997  
14 1996  
15 1995  
16 1994  
17 1993  
18 1992  
19 1991  
20 1990  
21 1989  
22 1988  
23 1987  
24 1986  
25 1985  
26 1984  
27 1983  
28 1982  
29 1981  
30 1980  
31 1979  
32 1978  
33 1977  
34 1976  
35 1975 or earlier

[RADIO]

Q9. Is this automobile owned or leased?

1 Owned  
2 Leased

[RADIO]

Q10. How long has your household owned or leased this automobile?



- 1 Less than 1 year
- 2 1-2 years
- 3 3-4 years
- 4 5-6 years
- 5 7-8 years
- 6 9-10 years
- 7 More than 10 years

[RADIO]

Q11. Was this automobile new or used when it was purchased or leased by your household?

- 1 New
- 2 Used

[RADIO]

Gasoline sold in the U.S. comes from crude oil, about 1/3 of which is from U.S. oil deposits with the remaining 2/3 imported from foreign countries. Nearly half of all automotive fuel sold in the U.S. is an ethanol blend, or a mixture of gasoline and ethanol. Ethanol is made from plant materials and is blended with gasoline to reduce air pollution. Ethanol is considered a renewable fuel because plant material, unlike crude oil deposits, can be naturally replenished within a reasonable amount of time.

Q12. How familiar were you with ethanol prior to taking this survey?

- 1 Not at all familiar
- 2 Somewhat familiar
- 3 Very familiar

[RADIO]

Q13. How often do you buy an ethanol blend for the household automobile you drive the most often?

- 1 Never
- 2 Rarely
- 3 Frequently
- 4 Always
- 5 Don't know

[ASK IF Q13=1 OR 2]

[MP]

Q14. Which of the following explains why you rarely, if ever, buy an ethanol blend for this automobile? (SELECT ALL THAT APPLY).

- 1 Ethanol blends are not widely available in your area
- 2 Ethanol blends are too expensive relative to gasoline

- 3 Don't believe using ethanol as an automotive fuel will help the environment  
4 Automobile gets fewer miles per gallon with an ethanol blend than  
with gasoline  
5 Automobile does not run as well on ethanol blend as it does on  
gasoline  
6 Concerned that ethanol may shorten engine life or increase engine  
maintenance  
7 Automobile manufacturer does not recommend using ethanol blend  
8 Other [TEXT BOX] [Respondent Specify]

[RADIO]

Ethanol blends range from low levels of ethanol, such as E10 (10% ethanol and 90% gasoline), to high levels, such as E85 (85% ethanol and 15% gasoline). E10 is sold in every state and can be safely used in gasoline engines. Blends with greater amounts of ethanol should only be used in Flex-Fuel Vehicles. Flex-Fuel Vehicles are like other automobiles except that they have modified fuel systems that can safely run on both gasoline and ethanol blends as high as E85.

**Q15.** Prior to taking this survey, how familiar were you with Flex-Fuel Vehicles?

- 1 Not at all familiar  
2 Somewhat familiar  
3 Very familiar

[RADIO]

**Q16.** Is the household automobile you drive the most often a Flex-Fuel Vehicle?

[Response Options]:  
List Name: yesnodontknow  
Type: Predefined

- 1 No  
2 Yes  
3 Don't know

[RADIO]

[ASK IF Q16=2]

**Q17.** How often do you purchase E85 (85% ethanol, 15% gasoline) for this automobile?

- 1 Never  
2 Rarely  
3 Frequently  
4 Always

[RADIO]

[ASK IF Q17=1 OR 2]

[MP]

**Q18.** Which of the following explains why you rarely, if ever, buy E85 for this automobile? (SELECT ALL THAT APPLY).

- 1 E85 is not widely available in your area
- 2 Don't believe using E85 as an automotive fuel vehicles help the environment
- 3 Automobile gets fewer miles per gallon with E85 than with gasoline and/or other ethanol blends
- 4 E85 is too expensive relative to gasoline or other ethanol blends
- 5 Automobile does not run as well on E85 as it does on gasoline or other ethanol blends
- 6 Concerned that E85 may shorten engine life or increase engine maintenance
- 7 Other [Respondent Specify]

[RADIO]

**Q19.** On a typical day, how many miles do you drive this automobile?

- 1 Less than 2 miles
- 2 2 to 5 miles
- 3 6 to 10 miles
- 4 11 to 15 miles
- 5 16 to 20 miles
- 6 21 to 25 miles
- 7 26 to 30 miles
- 8 31 to 35 miles
- 9 36 to 40 miles
- 10 41 to 45 miles
- 11 46 to 50 miles
- 12 51 to 60 miles
- 13 61 to 75 miles
- 14 76 to 100 miles
- 15 More than 100 miles

[RADIO]

**Q20.** On average, how often do you use public transportation?

- 1 Never
- 2 Less than once per year
- 3 1 to 11 times a year
- 4 1 to 3 times a month
- 5 1 or 2 times a week
- 6 3 or more times a week

[RADIO]

**Q21.** On average, how often do you carpool?

- 1 Never

- 2 Less than once per year
- 3 1 to 11 times a year
- 4 1 to 3 times a month
- 5 1 or 2 times a week
- 6 3 or more times a week

[RADIO]

**Q22.** Which of the following best describes the average gas mileage of the household automobile you drive the most often?

- 1 Less than 16 miles per gallon
- 2 16-19 miles per gallon
- 3 20-23 miles per gallon
- 4 24-27 miles per gallon
- 5 28-32 miles per gallon
- 6 33 or more miles per gallon
- 7 Don't know

[RADIO]

Ethanol is a high-octane fuel. For example, E85 (85% ethanol and 15% gasoline) has an octane rating of between 100 and 105, while gasoline has an octane rating of between 85 and 93. Higher octane levels help prevent engine knocking.

**Q23.** Which of the following best describes the octane rating of the fuel that you typically purchase for the household automobile you drive the most often?

- 1 Regular (85-87)
- 2 Mid-Grade (88-90)
- 3 Premium (91-93)
- 4 E85 (100-105)

[RADIO]

[ASK IF XETHANOL=1]

An automobile will only travel about 70% as far on a gallon of E85 (85% ethanol, 15% gasoline) as it will on a gallon of gasoline. So, an automobile that would get 20 miles per gallon (MPG) on gasoline, will only get about 14 miles per gallon on E85. Thus, an automobile running on E85 will need to be refueled more often than an automobile running on gasoline. Also, to get the same number of miles per dollar spent, the price of E85 will have to be about 30% less than the price of gasoline.

Example of fuel costs for an automobile that gets 20 miles per gallon:

Fuel	E85	Gasoline
Price per gallon	\$1.40	\$2.00
Price per mile	10 4 per mile	10 4 per mile

**Q24\_1.** On average, how often do you refuel the household automobile you most frequently drive?

- 1 Less than once a month
- 2 Once a month
- 3 Once every three weeks
- 4 Once every two weeks
- 5 Once a week
- 6 More than once a week

[RADIO]

[ASK IF XETHANOL=2]

An automobile will only travel about 75% as far on a gallon of E85 (85% ethanol, 15% gasoline) as it will on a gallon of E10 (10% ethanol, 90% gasoline). So, an automobile that would get 20 miles per gallon on E10, will only get about 15 miles per gallon on E85. Thus, an automobile running on E85 will need to be refueled more often than an automobile running on E10. Also, to get the same number of miles per dollar spent, the price of E85 will have to be about 25% less than the price of E10.

Example of fuel costs for an automobile that gets 20 miles per gallon:

Fuel	E85	E10
Price per gallon	\$1.50	\$2.00
Price per mile	10 4 per mile	10 4 per mile

**Q24\_2.** On average, how often do you refuel the household automobile you most frequently drive?

- 1 Less than once a month
- 2 Once a month
- 3 Once every three weeks
- 4 Once every two weeks
- 5 Once a week
- 6 More than once a week

[RADIO]

**Q25.** How often do you go out of your way to buy cheaper fuel?

- 1 Never
- 2 Rarely
- 3 Frequently
- 4 Always

[GRID: RADIO BUTTONS]

Using E85 instead of [IF ETHANOL=1: gasoline IF ETHANOL=2: E10] reduces the amount of greenhouse gases (GHG) and other air pollutants released into the atmosphere. The amount of the reduction in GHG depends upon a variety of factors, including the material and processes used to make the ethanol. GHG contribute to global climate change.

How familiar are you with each of the following?

Not at all Familiar	Somewhat Familiar	Very Familiar
---------------------	-------------------	---------------

Q26\_1. Greenhouse Gases (GHG)

Q26\_2. Global Climate Change

[RADIO - INSERT IMAGE "CORN" TO THE RIGHT OF THE SENTENCE BELOW WITH THE QUESTION BELOW]

The ethanol that is currently being sold in the U.S. is primarily made from corn grown in the U.S.

Q27. Prior to this survey, had you heard of using corn to make ethanol?

- 1 No
- 2 Yes

[RADIO - INSERT IMAGE "SWITCHGRASS" TO THE RIGHT OF THE SENTENCE BELOW WITH THE QUESTION BELOW]

Ethanol can also be made from switchgrass. Switchgrass is a perennial grass that once covered much of North America. As a perennial, switchgrass does not need to be replanted every year and can be grown with fewer chemicals and water than corn. In addition, switchgrass can be grown on lower quality land than corn.

Q28. Prior to this survey, had you heard of using switchgrass to make ethanol?

- 1 No
- 2 Yes

[RADIO - INSERT IMAGE "WOODWASTES" TO THE RIGHT OF THE SENTENCE BELOW WITH THE QUESTION BELOW]

Ethanol can also be made from wood wastes, including chips, sawdust, scrap timber, tree branches and dead trees. These wastes can come from:

- the manufacture of products, such as furniture, from wood;
- thinning of forests for forest management; and
- construction and demolition debris.

Q29. Prior to this survey, had you heard of using wood wastes to make ethanol?

- 1 No
- 2 Yes

[SP]  
[PROMPT IF SKIPPED]

**Q30.** If these were your only fuel options, which would you choose? Please assume that your automobile can safely run on all of these options. Choose a fuel by clicking one of the buttons below:

	E85	E85	E85	[ IF XETHANOL=1 ] Gasoline [ IF XETHANOL=2 ] E10
Product Attributes	[ IF XETHANOL=1 ] 70% of MPG of Gasoline [ IF XETHANOL=2 ] 75% of MPG of E10	[ IF XETHANOL=1 ] 70% of MPG of Gasoline [ IF XETHANOL=2 ] 75% of MPG of E10	[ IF XETHANOL=1 ] 70% of MPG of Gasoline [ IF XETHANOL=2 ] 75% of MPG of E10	100% of MPG of [ IF XETHANOL=1 ] Gasoline [ IF XETHANOL=2 ] E10
Price				\$2.00
Price per mile*				[ IF XETHANOL=1 ] 7 ¢ [ IF XETHANOL=2 ] 7.5 ¢
Ethanol made from				[ IF XETHANOL=1 ] No Ethanol [ IF XETHANOL=2 ] Corn
% imported from foreign countries				[ IF XETHANOL=1 ] 67% [ IF XETHANOL=2 ] 60%
Greenhouse Gas (GHG) Emissions				[ IF XETHANOL=1 ] 0% less than gasoline [ IF XETHANOL=2 ] 0% less than E10
Available at:				Gas station located 2 minutes out of your way

\* The price per mile is calculated for an example automobile that gets 20 miles per gallon.

[ RADIO ]

**Q31.** How long do you think it will be before you lease or purchase your next automobile?

- 1 Less than 1 year
- 2 1 to 2 years
- 3 3 to 4 years
- 4 5 to 6 years
- 5 More than 6 years

**[RADIO]**

**Q32.** If similarly priced to other automobiles, how likely is it that the next automobile you lease or purchase will be a Flex-Fuel Vehicle (E85 compatible)?

- 1 Not at all likely
- 2 Somewhat likely
- 3 Very likely

**[GRID - RADIO BUTTONS]**

Please indicate the extent to which you agree with the following statements.

Strongly Disagree	Somewhat Disagree	Neutral	Somewhat Agree	Strongly Agree
----------------------	----------------------	---------	-------------------	-------------------

**Q33\_a.** How often I have to refuel my car is very important to my choice of ethanol blends.

**Q33\_1.** Flex-Fuel Vehicles cost significantly more than other vehicles.

**Q33\_2.** Higher-level ethanol blends such as E85 are not widely available in my area.

**Q33\_3.** E85 is not likely to be readily available in my area in the near future.

**Q33\_4.** The next automobile I purchase or lease is likely to be a Gasoline/Electric Hybrid.

**[GRID - RADIO BUTTONS]**

Please indicate the extent to which you agree with each of the following statements.

Strongly Disagree	Somewhat Disagree	Neutral	Somewhat Agree	Strongly Agree
----------------------	----------------------	---------	-------------------	-------------------

**Q34\_1.** U.S. farmland should be devoted to producing food and not fuel.

**Q34\_2.** Increasing ethanol production from corn will lead to higher food prices.

**Q34\_3.** Reducing our dependence on foreign oil is important to improving our national security.

**Q34\_4.** Reducing our dependence on foreign oil is more important than protecting the environment.

**Q34\_5.** More land in the U.S. should be opened up for oil drilling.



**[GRID - RADIO BUTTONS]**

Please indicate the extent to which you agree with each of the following statements.

Strongly Disagree	Somewhat Disagree	Neutral	Somewhat Agree	Strongly Agree
-------------------	-------------------	---------	----------------	----------------

**Q35\_1.** Global climate change is occurring.

**Q35\_2.** Climate change will lead to environmental and health problems in many parts of the world.

**Q35\_3.** There is no urgent need to take measures to prevent climate change.

**Q35\_4.** I am extremely worried about loss of the world's forests.

**Q35\_5.** I am extremely worried about the state of the world's environment and what it will mean for my future.

**[GRID - RADIO BUTTONS]**

Please indicate the extent to which you agree with each of the following statements.

Strongly Disagree	Somewhat Disagree	Neutral	Somewhat Agree	Strongly Agree
-------------------	-------------------	---------	----------------	----------------

**Q36\_1.** I don't have enough knowledge to make well-informed decisions on environmental issues.

**Q36\_2.** My personal actions don't have any significant effect on the quality of the environment.

**Q36\_3.** Science and technology will come up with ways to solve environmental damage and pollution.

**Q36\_4.** Most people are not willing to make sacrifices to protect the environment.

**Q36\_5.** We have a responsibility to future generations to protect the environment.

**[RADIO]**

**Q37.** Are you a member of an environmental organization?

- 1 No
- 2 Yes

**[MP - RANDOMIZE]**

Where do you generally get information about environmental issues? (Select all that apply).

**Q38\_1.** Television

**Q38\_2.** Newspaper

**Q38\_3.** Magazines

**Q38\_4.** Radio

Q38\_5. Internet  
Q38\_6. Friends  
Q38\_7. Family  
Q38\_8. Other      Please describe: [TEXT BOX]

[RADIO]  
[ASK Q39 IF XPARTY7=9]

Q39. Generally speaking, do you consider yourself a

- 1      Republican
- 2      Democrat
- 3      Independent
- 4      Another party, please specify [TEXT BOX]
- 5      No preference

[ASK Q39\_1 IF Q39=1].

[SP]

Q39\_1.      Would you call yourself a...

Strong Republican..... 1  
Not very strong  
Republican..... 2

[ASK Q39\_2 IF Q39=2]

[SP]

Q39\_2.      Would you call yourself a...

Strong Democrat..... 1  
Not very strong  
Democrat..... 2

[ASK Q39\_3 IF Q39= 3 OR 4 OR 5]

[SP]

Q39\_3.      Do you think of yourself as closer to the...

Republican Party..... 1  
Democratic Party..... 2

[RADIO]

Q41. Which best describes the area where you live?

- 1      Metropolitan area
- 2      Suburb
- 3      Small town
- 4      Rural area

## APPENDIX B: CODEBOOK

### Weighted by weight2

#### QFLAG DATA ONLY: Qualification Flag

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Qualified	1727	100.0	100.0	100.0

#### partyid3 Party ID 3

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Republican	744	43.1	43.1	43.1
	2 Undecided/Independent/Other	97	5.6	5.6	48.7
	3 Democrat	885	51.3	51.3	100.0
	Total	1727	100.0	100.0	

#### partyid7 Party ID 7

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strong Republican	231	13.4	13.4	13.4
	2 Not Strong Republican	236	13.7	13.7	27.1
	3 Leans Republican	277	16.0	16.0	43.1
	4 Undecided/Independent/Other	97	5.6	5.6	48.7
	5 Leans Democrat	362	21.0	21.0	69.7
	6 Not Strong Democrat	232	13.5	13.5	83.1
	7 Strong Democrat	291	16.9	16.9	100.0
	Total	1727	100.0	100.0	

#### xethanol Survey Version

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 E0 survey	813	47.1	47.1	47.1
	2 E10 survey	914	52.9	52.9	100.0
	Total	1727	100.0	100.0	

**Version Conjoint Set**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 1	75	4.4	4.4	4.4
	2 2	72	4.2	4.2	8.5
	3 3	76	4.4	4.4	12.9
	4 4	100	5.8	5.8	18.7
	5 5	89	5.2	5.2	23.9
	6 6	81	4.7	4.7	28.6
	7 7	94	5.4	5.4	34.0
	8 8	84	4.9	4.9	38.9
	9 9	80	4.7	4.7	43.5
	10 10	94	5.4	5.4	49.0
	11 11	95	5.5	5.5	54.5
	12 12	79	4.6	4.6	59.1
	13 13	89	5.2	5.2	64.2
	14 14	85	4.9	4.9	69.2
	15 15	90	5.2	5.2	74.4
	16 16	94	5.4	5.4	79.8
	17 17	98	5.7	5.7	85.5
	18 18	88	5.1	5.1	90.6
	19 19	84	4.8	4.8	95.5
	20 20	78	4.5	4.5	100.0
	Total	1727	100.0	100.0	

**Q1 How many automobiles are currently owned or leased by members of your household (including yourself)?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 1	601	34.8	34.8	34.8
	3 2	695	40.2	40.2	75.1
	4 3	268	15.5	15.5	90.6
	5 4+	163	9.4	9.4	100.0
	Total	1727	100.0	100.0	

**Q2 What type of engine does this automobile have?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Gasoline	600	34.8	99.8	99.8
	3 Hybrid (Gasoline/Electric)	1	.1	.2	100.0
	Total	601	34.8	100.0	
Missing	System	1126	65.2		
Total		1727	100.0		

**Q3 Please answer the following questions only for the household automobile that you drive the most often. What type of engine does this automobile have?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Gasoline	1105	64.0	98.1	98.1
	3 Hybrid (Gasoline/Electric)	21	1.2	1.9	100.0
	Total	1126	65.2	100.0	
Missing	System	601	34.8		
Total		1727	100.0		

**Q4 What type of transmission does this automobile have?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1 Refused	6	.3	.3	.3
	1 Manual	225	13.0	13.0	13.3
	2 Automatic	1496	86.7	86.7	100.0
	Total	1727	100.0	100.0	

**Q5 What type of drive system does this automobile have?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1 Refused	5	.3	.3	.3
	1 Front wheel drive	865	50.1	50.1	50.4
	2 Rear wheel drive	310	17.9	17.9	68.3
	3 Four or all wheel drive	302	17.5	17.5	85.8
	4 Don't know	245	14.2	14.2	100.0
	Total	1727	100.0	100.0	

**Q6\_1 What is the make of this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1 Make	8	.4	.4	.4
	2 Acura	8	.4	.4	.9
	3 Alfa Romeo	1	.0	.0	.9
	6 Audi	6	.3	.3	1.2
	8 BMW	11	.6	.6	1.9
	9 Buick	79	4.6	4.6	6.4
	10 Cadillac	21	1.2	1.2	7.6
	11 Chevrolet	267	15.5	15.5	23.1
	12 Chrysler	61	3.6	3.6	26.7
	13 Daewoo	1	.1	.1	26.7
	15 Dodge	106	6.1	6.1	32.8
	16 Eagle	1	.1	.1	32.9
	18 Ford	287	16.6	16.6	49.5
	19 GEO	7	.4	.4	49.9
	20 GMC	40	2.3	2.3	52.3
	21 Honda	139	8.0	8.0	60.3
	22 Hummer	1	.0	.0	60.3
	23 Hyundai	33	1.9	1.9	62.3
	24 Infiniti	6	.3	.3	62.6
	25 Isuzu	4	.2	.2	62.8
	26 Jaguar	6	.3	.3	63.1
	27 Jeep	36	2.1	2.1	65.2
	28 Kia	16	.9	.9	66.1
	31 Lexus	11	.6	.6	66.8
	32 Lincoln	16	.9	.9	67.7
	35 Mazda	34	2.0	2.0	69.7
	36 Mercedes	7	.4	.4	70.1
	37 Mercury	28	1.6	1.6	71.7
	38 Merkur	2	.1	.1	71.9
	39 Mini	2	.1	.1	71.9
	40 Mitsubishi	17	1.0	1.0	72.9
	41 Nissan	66	3.8	3.8	76.7
	42 Oldsmobile	29	1.7	1.7	78.4
	44 Plymouth	19	1.1	1.1	79.6
	45 Pontiac	50	2.9	2.9	82.4
	46 Porsche	2	.1	.1	82.5
	47 Renault	1	.1	.1	82.6
	49 Saab	5	.3	.3	82.9
	50 Saturn	36	2.1	2.1	84.9
	51 Scion	7	.4	.4	85.4
	53 Subaru	23	1.4	1.4	86.7
	54 Suzuki	4	.2	.2	86.9
	55 Toyota	198	11.4	11.4	98.4
	56 Volkswagen	15	.8	.8	99.2
	57 Volvo	11	.6	.6	99.8
	60 Don't Know	3	.2	.2	100.0
	Total	1727	100.0	100.0	

**Q6\_1\_1 What is the model of this automobile?**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1727	100.0	100.0	100.0

Q6\_1\_1 What is the model of this automobile?

**Q7 What type of automobile is it?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1 Refused	1	.1	.1	.1
	1 Compact or economy car	313	18.1	18.1	18.2
	2 Mid-size sedan	453	26.2	26.2	44.5
	3 Full-size sedan or luxury sedan	171	9.9	9.9	54.4
	4 Sports car	80	4.6	4.6	59.0
	5 Sport utility vehicle	272	15.8	15.8	74.8
	6 Small pick-up truck	96	5.5	5.5	80.3
	7 Large pick-up truck	126	7.3	7.3	87.6
	8 Mini-van	132	7.6	7.6	95.2
	9 Van	25	1.5	1.5	96.7
	10 Other (Please describe)	57	3.3	3.3	100.0
	Total	1727	100.0	100.0	

**Q7\_Other [Other - specify] What type of automobile is it?**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1674	96.9	96.9	96.9
2 door coupe	1	.0	.0	96.9
4 door mid-sized car	1	.1	.1	97.0
5-door sedan	1	.1	.1	97.1
9.3 convertible	1	.1	.1	97.2
adventure wagon	1	.0	.0	97.2
compact wagon	1	.0	.0	97.2
convertable	1	.0	.0	97.3
convertible	1	.1	.1	97.3
Convertible	1	.0	.0	97.4
coupe	2	.1	.1	97.5
cross-over	2	.1	.1	97.6
cross over	1	.1	.1	97.7
Cross Over	1	.0	.0	97.7
crossover	1	.0	.0	97.8
E350 4 DOOR SPORT	1	.1	.1	97.8
euro coup	1	.0	.0	97.9
hard top convertible	1	.0	.0	97.9
hard top convertible	1	.1	.1	98.0
hatchback	3	.2	.2	98.1
hatchback 4door	1	.0	.0	98.2
hatchbck	1	.0	.0	98.2
I think its between a compact and an suv.	0	.0	.0	98.2
jeep	5	.3	.3	98.5
Light SUV	0	.0	.0	98.5
LSX	0	.0	.0	98.5
mid-size station wagon	1	.0	.0	98.6
mid size truck	0	.0	.0	98.6
pt cruiser	1	.1	.1	98.7
RIVERIA	1	.1	.1	98.8
Small sport pick-up truck	0	.0	.0	98.8
Sport Coupe	1	.0	.0	98.8
station wagon	7	.4	.4	99.2
Station Wagon	1	.1	.1	99.3
STATION WAGON	1	.1	.1	99.3
station wagon on steroids	1	.1	.1	99.4
sub	0	.0	.0	99.4
suv	4	.2	.2	99.6
trubte	2	.1	.1	99.7
wagon	1	.1	.1	99.8
Wagon	1	.1	.1	99.9
z 71	2	.1	.1	100.0
Total	1727	100.0	100.0	



**Q8 What is the model year of this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1 Refused	4	.3	.3	.3
	1 2009	19	1.1	1.1	1.4
	2 2008	71	4.1	4.1	5.5
	3 2007	135	7.8	7.8	13.3
	4 2006	124	7.2	7.2	20.5
	5 2005	119	6.9	6.9	27.4
	6 2004	132	7.6	7.6	35.0
	7 2003	116	6.7	6.7	41.7
	8 2002	122	7.1	7.1	48.8
	9 2001	127	7.4	7.4	56.2
	10 2000	137	7.9	7.9	64.1
	11 1999	125	7.2	7.2	71.3
	12 1998	64	3.7	3.7	75.0
	13 1997	71	4.1	4.1	79.1
	14 1996	71	4.1	4.1	83.3
	15 1995	56	3.2	3.2	86.5
	16 1994	35	2.0	2.0	88.5
	17 1993	39	2.3	2.3	90.7
	18 1992	35	2.0	2.0	92.8
	19 1991	25	1.4	1.4	94.2
	20 1990	20	1.2	1.2	95.4
	21 1989	18	1.1	1.1	96.4
	22 1988	22	1.3	1.3	97.7
	23 1987	10	.6	.6	98.3
	24 1986	6	.4	.4	98.7
	25 1985	5	.3	.3	99.0
	26 1984	1	.0	.0	99.0
	27 1983	2	.1	.1	99.1
	28 1982	1	.0	.0	99.1
	29 1981	1	.1	.1	99.2
	30 1980	3	.1	.1	99.4
	31 1979	2	.1	.1	99.5
	33 1977	0	.0	.0	99.5
	35 1975 or earlier	9	.5	.5	100.0
	Total	1727	100.0	100.0	

**Q9 Is this automobile owned or leased?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1 Refused	1	.1	.1	.1
	1 Owned	1668	96.6	96.6	96.7
	2 Leased	58	3.3	3.3	100.0
	Total	1727	100.0	100.0	

**Q10 How long has your household owned or leased this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1 Refused	1	.1	.1	.1
	1 Less than 1 year	239	13.8	13.8	13.9
	2 1-2 years	384	22.2	22.2	36.1
	3 3-4 years	411	23.8	23.8	59.9
	4 5-6 years	284	16.4	16.4	76.3
	5 7-8 years	151	8.7	8.7	85.1
	6 9-10 years	115	6.6	6.6	91.7
	7 More than 10 years	143	8.3	8.3	100.0
	Total	1727	100.0	100.0	

**Q11 Was this automobile new or used when it was purchased or leased by your household?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1 Refused	6	.4	.4	.4
	1 New	712	41.2	41.2	41.6
	2 Used	1009	58.4	58.4	100.0
	Total	1727	100.0	100.0	

**Q12 How familiar were you with ethanol prior to taking this survey?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1 Refused	8	.4	.4	.4
	1 Not at all familiar	508	29.4	29.4	29.8
	2 Somewhat familiar	960	55.6	55.6	85.5
	3 Very familiar	251	14.5	14.5	100.0
	Total	1727	100.0	100.0	

**Q13 How often do you buy an ethanol blend for the household automobile you drive the most often?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1 Refused	7	.4	.4	.4
	1 Never	507	29.4	29.4	29.8
	2 Rarely	160	9.3	9.3	39.0
	3 Frequently	292	16.9	16.9	55.9
	4 Always	239	13.8	13.8	69.8
	5 Don't know	522	30.2	30.2	100.0
	Total	1727	100.0	100.0	

**Q14\_1 [Ethanol blends are not widely available in your area] Which of the following explains why you rarely, if ever, buy an ethanol blend for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	300	17.4	45.0	45.0
	1 Yes	367	21.3	55.0	100.0
	Total	667	38.6	100.0	
Missing	System	1060	61.4		
Total		1727	100.0		

**Q14\_2 [Ethanol blends are too expensive relative to gasoline] Which of the following explains why you rarely, if ever, buy an ethanol blend for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	609	35.3	91.3	91.3
	1 Yes	58	3.4	8.7	100.0
	Total	667	38.6	100.0	
Missing	System	1060	61.4		
Total		1727	100.0		

**Q14\_3 [Don't believe using ethanol as an automotive fuel will help the environment] Which of the following explains why you rarely, if ever, buy an ethanol blend for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	602	34.9	90.3	90.3
	1 Yes	65	3.8	9.7	100.0
	Total	667	38.6	100.0	
Missing	System	1060	61.4		
Total		1727	100.0		

**Q14\_4 [Automobile gets fewer miles per gallon with an ethanol blend than with gasoline] Which of the following explains why you rarely, if ever, buy an ethanol blend for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	595	34.5	89.2	89.2
	1 Yes	72	4.2	10.8	100.0
	Total	667	38.6	100.0	
Missing	System	1060	61.4		
Total		1727	100.0		

**Q14\_5 [Automobile does not run as well on ethanol blend as it does on gasoline] Which of the following explains why you rarely, if ever, buy an ethanol blend for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	592	34.3	88.6	88.6
	1 Yes	76	4.4	11.4	100.0
	Total	667	38.6	100.0	
Missing	System	1060	61.4		
Total		1727	100.0		

**Q14\_6 [Concerned that ethanol may shorten engine life or increase engine maintenance] Which of the following explains why you rarely, if ever, buy an ethanol blend for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	590	34.2	88.5	88.5
	1 Yes	77	4.5	11.5	100.0
	Total	667	38.6	100.0	
Missing	System	1060	61.4		
Total		1727	100.0		

**Q14\_7 [Automobile manufacturer does not recommend using ethanol blend] Which of the following explains why you rarely, if ever, buy an ethanol blend for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	497	28.8	74.4	74.4
	1 Yes	171	9.9	25.6	100.0
	Total	667	38.6	100.0	
Missing	System	1060	61.4		
Total		1727	100.0		

**Q14\_8 [Other] Which of the following explains why you rarely, if ever, buy an ethanol blend for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	588	34.0	88.0	88.0
	1 Yes	80	4.6	12.0	100.0
	Total	667	38.6	100.0	
Missing	System	1060	61.4		
Total		1727	100.0		

**Q14\_9 [Refused] Which of the following explains why you rarely, if ever, buy an ethanol blend for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	664	38.5	99.5	99.5
	1 Yes	3	.2	.5	100.0
	Total	667	38.6	100.0	
Missing	System	1060	61.4		
Total		1727	100.0		

**Q15 Prior to taking this survey, how familiar were you with Flex-Fuel Vehicles?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1 Refused	9	.5	.5	.5
	1 Not at all familiar	1062	61.5	61.5	62.0
	2 Somewhat familiar	551	31.9	31.9	93.9
	3 Very familiar	105	6.1	6.1	100.0
	Total	1727	100.0	100.0	

**Q16 Is the household automobile you drive the most often a Flex-Fuel Vehicle?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1 Refused	7	.4	.4	.4
	1 No	1294	74.9	74.9	75.3
	2 Yes	33	1.9	1.9	77.2
	3 Don't know	393	22.8	22.8	100.0
	Total	1727	100.0	100.0	

**Q17 How often do you purchase E85 (85% ethanol, 15% gasoline) for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never	19	1.1	57.3	57.3
	2 Rarely	7	.4	20.0	77.3
	3 Frequently	7	.4	21.2	98.6
	4 Always	0	.0	1.4	100.0
	Total	33	1.9	100.0	
Missing	System	1694	98.1		
Total		1727	100.0		

**Q18\_1 [E85 is not widely available in your area] Which of the following explains why you rarely, if ever, buy E85 for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	9	.5	37.1	37.1
	1 Yes	16	.9	62.9	100.0
	Total	25	1.5	100.0	
Missing	System	1702	98.5		
Total		1727	100.0		

**Q18\_2 [Don't believe using E85 as an automotive fuel vehicles help the environment] Which of the following explains why you rarely, if ever, buy E85 for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	21	1.2	84.6	84.6
	1 Yes	4	.2	15.4	100.0
	Total	25	1.5	100.0	
Missing	System	1702	98.5		
Total		1727	100.0		

**Q18\_3 [Automobile gets fewer miles per gallon with E85 than with gasoline and/or other ethanol blends] Which of the following explains why you rarely, if ever, buy E85 for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	22	1.3	87.4	87.4
	1 Yes	3	.2	12.6	100.0
	Total	25	1.5	100.0	
Missing	System	1702	98.5		
Total		1727	100.0		

**Q18\_4 [E85 is too expensive relative to gasoline or other ethanol blends] Which of the following explains why you rarely, if ever, buy E85 for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	25	1.5	100.0	100.0
Missing	System	1702	98.5		
Total		1727	100.0		

**Q18\_5 [Automobile does not run as well on E85 as it does on gasoline or other ethanol blends] Which of the following explains why you rarely, if ever, buy E85 for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	23	1.3	90.6	90.6
	1 Yes	2	.1	9.4	100.0
	Total	25	1.5	100.0	
Missing	System	1702	98.5		
Total		1727	100.0		

**Q18\_6 [Concerned that E85 may shorten engine life or increase engine maintenance] Which of the following explains why you rarely, if ever, buy E85 for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	23	1.3	92.5	92.5
	1 Yes	2	.1	7.5	100.0
	Total	25	1.5	100.0	
Missing	System	1702	98.5		
Total		1727	100.0		

**Q18\_7 [Other] Which of the following explains why you rarely, if ever, buy E85 for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	25	1.5	100.0	100.0
Missing	System	1702	98.5		
Total		1727	100.0		

**Q18\_8 [Refused] Which of the following explains why you rarely, if ever, buy E85 for this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	24	1.4	97.0	97.0
	1 Yes	1	.0	3.0	100.0
	Total	25	1.5	100.0	
Missing	System	1702	98.5		
Total		1727	100.0		

**Q18\_Other [Other - specify] Which of the following explains why you rarely, if ever, buy E85 for this automobile?**

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1727	100.0	100.0	100.0

**Q19 On a typical day, how many miles do you drive this automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1 Refused	11	.6	.6	.6
	1 Less than 2 miles	131	7.6	7.6	8.2
	2 2 to 5 miles	210	12.1	12.1	20.3
	3 6 to 10 miles	296	17.1	17.1	37.4
	4 11 to 15 miles	223	12.9	12.9	50.4
	5 16 to 20 miles	234	13.6	13.6	63.9
	6 21 to 25 miles	111	6.4	6.4	70.4
	7 26 to 30 miles	124	7.2	7.2	77.6
	8 31 to 35 miles	97	5.6	5.6	83.2
	9 36 to 40 miles	58	3.4	3.4	86.5
	10 41 to 45 miles	38	2.2	2.2	88.8
	11 46 to 50 miles	51	3.0	3.0	91.7
	12 51 to 60 miles	49	2.8	2.8	94.6
	13 61 to 75 miles	38	2.2	2.2	96.8
	14 76 to 100 miles	36	2.1	2.1	98.9
	15 More than 100 miles	19	1.1	1.1	100.0
Total		1727	100.0	100.0	



**Q20 On average, how often do you use public transportation?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	1215	70.3	70.3	70.3
	2	205	11.9	11.9	82.2
	3	174	10.1	10.1	92.3
	4	47	2.7	2.7	95.0
	5	15	.9	.9	95.9
	6	71	4.1	4.1	100.0
	Total	1727	100.0	100.0	

**Q21 On average, how often do you carpool?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1 Refused	7	.4	.4	.4
	1	1192	69.0	69.0	69.4
	2	112	6.5	6.5	75.9
	3	198	11.5	11.5	87.3
	4	70	4.1	4.1	91.4
	5	70	4.1	4.1	95.5
	6	78	4.5	4.5	100.0
	Total	1727	100.0	100.0	

**Q22 Which of the following best describes the average gas mileage of the household automobile you drive the most often?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	-1 Refused	1	.0	.0	.0
	1	102	5.9	5.9	5.9
	2	387	22.4	22.4	28.3
	3	440	25.5	25.5	53.8
	4	295	17.1	17.1	70.9
	5	241	14.0	14.0	84.9
	6	77	4.5	4.5	89.3
	7	184	10.7	10.7	100.0
	Total	1727	100.0	100.0	

**Q23 Which of the following best describes the octane rating of the fuel that you typically purchase for the household automobile you drive the most often?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Regular (85-87)	1414	81.9	82.7	82.7
	2 Mid-Grade (88-90)	191	11.1	11.2	93.9
	3 Premium (91-93)	104	6.0	6.1	99.9
	4 E85 (100-105)	1	.1	.1	100.0
	Total	1710	99.0	100.0	
Missing	-1 Refused	17	1.0		
Total		1727	100.0		

**Q24 On average, how often do you refuel the household automobile you most frequently drive?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Less than once a month	68	4.0	4.0	4.0
	2 Once a month	127	7.4	7.4	11.3
	3 Once every three weeks	188	10.9	10.9	22.2
	4 Once every two weeks	520	30.1	30.2	52.4
	5 Once a week	657	38.1	38.2	90.6
	6 More than once a week	163	9.4	9.4	100.0
	Total	1722	99.7	100.0	
Missing	-1 Refused	5	.3		
Total		1727	100.0		

**Q25 How often do you go out of your way to buy cheaper fuel?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Never	323	18.7	18.8	18.8
	2 Rarely	650	37.6	37.7	56.5
	3 Frequently	585	33.9	34.0	90.5
	4 Always	163	9.5	9.5	100.0
	Total	1721	99.7	100.0	
Missing	-1 Refused	6	.3		
Total		1727	100.0		

**Q26\_1 [Greenhouse Gases (GHG)] How familiar are you with each of the following?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Not at all Familiar	570	33.0	33.0	33.0
	2 Somewhat Familiar	888	51.4	51.5	84.6
	3 Very Familiar	266	15.4	15.4	100.0
	Total	1724	99.8	100.0	
Missing	-1 Refused	3	.2		
Total		1727	100.0		

**Q26\_2 [Global Climate Change] How familiar are you with each of the following?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Not at all Familiar	404	23.4	23.5	23.5
	2 Somewhat Familiar	974	56.4	56.7	80.2
	3 Very Familiar	340	19.7	19.8	100.0
	Total	1718	99.5	100.0	
Missing	-1 Refused	9	.5		
Total		1727	100.0		

**Q27 Prior to this survey, had you heard of using corn to make ethanol?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No	222	12.8	12.9	12.9
	2 Yes	1499	86.8	87.1	100.0
	Total	1720	99.6	100.0	
Missing	-1 Refused	7	.4		
Total		1727	100.0		

**Q28 Prior to this survey, had you heard of using switchgrass to make ethanol?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No	1325	76.8	76.9	76.9
	2 Yes	399	23.1	23.1	100.0
	Total	1725	99.9	100.0	
Missing	-1 Refused	2	.1		
Total		1727	100.0		

**Q29 Prior to this survey, had you heard of using wood wastes to make ethanol?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No	1342	77.7	77.9	77.9
	2 Yes	381	22.1	22.1	100.0
	Total	1723	99.8	100.0	
Missing	-1 Refused	4	.2		
Total		1727	100.0		

**Q30\_1 [Set 1] If these were your only fuel options, which would you choose? Please assume that your automobile can safely run on both (gasoline/E85) and (E85/E10).**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Option 1	553	32.0	32.1	32.1
	2 Option 2	515	29.8	29.9	62.0
	3 Option 3	440	25.5	25.5	87.5
	4 Option 4	216	12.5	12.5	100.0
	Total	1723	99.8	100.0	
Missing	-1 Refused	3	.2		
Total		1727	100.0		

**Q30\_2 [Set 2] If these were your only fuel options, which would you choose? Please assume that your automobile can safely run on both (gasoline/E85) and (E85/E10).**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Option 1	514	29.8	29.8	29.8
	2 Option 2	527	30.5	30.5	60.3
	3 Option 3	489	28.3	28.3	88.6
	4 Option 4	196	11.3	11.4	100.0
	Total	1725	99.9	100.0	
Missing	-1 Refused	2	.1		
Total		1727	100.0		

**Q30\_3 [Set 3] If these were your only fuel options, which would you choose? Please assume that your automobile can safely run on both (gasoline/E85) and (E85/E10).**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Option 1	540	31.3	31.3	31.3
	2 Option 2	573	33.2	33.2	64.5
	3 Option 3	446	25.8	25.8	90.3
	4 Option 4	167	9.7	9.7	100.0
	Total	1726	99.9	100.0	
Missing	-1 Refused	1	.1		
Total		1727	100.0		

**Q30\_4 [Set 4] If these were your only fuel options, which would you choose? Please assume that your automobile can safely run on both (gasoline/E85) and (E85/E10).**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Option 1	728	42.1	42.2	42.2
	2 Option 2	462	26.7	26.8	68.9
	3 Option 3	385	22.3	22.3	91.3
	4 Option 4	151	8.7	8.7	100.0
	Total	1725	99.9	100.0	
Missing	-1 Refused	2	.1		
Total		1727	100.0		

**Q30\_5 [Set 5] If these were your only fuel options, which would you choose? Please assume that your automobile can safely run on both (gasoline/E85) and (E85/E10).**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Option 1	434	25.2	25.2	25.2
	2 Option 2	429	24.8	24.9	50.0
	3 Option 3	682	39.5	39.5	89.6
	4 Option 4	180	10.4	10.4	100.0
	Total	1726	99.9	100.0	
Missing	-1 Refused	1	.1		
Total		1727	100.0		

**Q30\_6 [Set 6] If these were your only fuel options, which would you choose? Please assume that your automobile can safely run on both (gasoline/E85) and (E85/E10).**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Option 1	442	25.6	25.7	25.7
	2 Option 2	567	32.8	32.9	58.5
	3 Option 3	543	31.4	31.5	90.0
	4 Option 4	172	9.9	10.0	100.0
	Total	1724	99.8	100.0	
Missing	-1 Refused	3	.2		
Total		1727	100.0		

**Q30\_7 [Set 7] If these were your only fuel options, which would you choose? Please assume that your automobile can safely run on both (gasoline/E85) and (E85/E10).**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Option 1	615	35.6	35.7	35.7
	2 Option 2	497	28.8	28.8	64.5
	3 Option 3	442	25.6	25.6	90.2
	4 Option 4	169	9.8	9.8	100.0
	Total	1724	99.8	100.0	
Missing	-1 Refused	3	.2		
Total		1727	100.0		

**Q30\_8 [Set 8] If these were your only fuel options, which would you choose? Please assume that your automobile can safely run on both (gasoline/E85) and (E85/E10).**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Option 1	434	25.1	25.2	25.2
	2 Option 2	885	51.3	51.3	76.5
	3 Option 3	253	14.7	14.7	91.2
	4 Option 4	152	8.8	8.8	100.0
	Total	1725	99.9	100.0	
Missing	-1 Refused	2	.1		
Total		1727	100.0		

**Q30\_9 [Set 9] If these were your only fuel options, which would you choose? Please assume that your automobile can safely run on both (gasoline/E85) and (E85/E10).**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Option 1	636	36.8	36.9	36.9
	2 Option 2	459	26.6	26.6	63.5
	3 Option 3	454	26.3	26.4	89.8
	4 Option 4	175	10.1	10.2	100.0
	Total	1724	99.9	100.0	
Missing	-1 Refused	2	.1		
Total		1727	100.0		

**Q30\_10 [Set 10] If these were your only fuel options, which would you choose? Please assume that your automobile can safely run on both (gasoline/E85) and (E85/E10).**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Option 1	495	28.7	28.7	28.7
	2 Option 2	525	30.4	30.4	59.1
	3 Option 3	536	31.0	31.1	90.2
	4 Option 4	169	9.8	9.8	100.0
	Total	1725	99.9	100.0	
Missing	-1 Refused	2	.1		
Total		1727	100.0		

**Q30\_11 [Set 11] If these were your only fuel options, which would you choose? Please assume that your automobile can safely run on both (gasoline/E85) and (E85/E10).**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Option 1	494	28.6	28.7	28.7
	2 Option 2	495	28.7	28.7	57.4
	3 Option 3	539	31.2	31.3	88.7
	4 Option 4	195	11.3	11.3	100.0
	Total	1724	99.8	100.0	
Missing	-1 Refused	3	.2		
Total		1727	100.0		

**Q30\_12 [Set 12] If these were your only fuel options, which would you choose? Please assume that your automobile can safely run on both (gasoline/E85) and (E85/E10).**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Option 1	920	53.3	53.5	53.5
	2 Option 2	393	22.8	22.9	76.4
	3 Option 3	264	15.3	15.3	91.7
	4 Option 4	142	8.2	8.3	100.0
	Total	1719	99.5	100.0	
Missing	-1 Refused	8	.5		
Total		1727	100.0		

**Q30\_13 [Set 13] If these were your only fuel options, which would you choose? Please assume that your automobile can safely run on both (gasoline/E85) and (E85/E10).**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Option 1	576	33.3	33.5	33.5
	2 Option 2	462	26.7	26.9	60.4
	3 Option 3	527	30.5	30.7	91.1
	4 Option 4	153	8.9	8.9	100.0
	Total	1718	99.5	100.0	
Missing	-1 Refused	9	.5		
Total		1727	100.0		

**Q30\_14 [Set 14] If these were your only fuel options, which would you choose? Please assume that your automobile can safely run on both (gasoline/E85) and (E85/E10).**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Option 1	559	32.4	32.5	32.5
	2 Option 2	593	34.3	34.5	67.0
	3 Option 3	417	24.2	24.3	91.3
	4 Option 4	149	8.6	8.7	100.0
	Total	1717	99.4	100.0	
Missing	-1 Refused	10	.6		
Total		1727	100.0		



**Q31 How long do you think it will be before you lease or purchase your next automobile?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Less than 1 year	151	8.7	8.7	8.7
	2 1 to 2 years	447	25.9	25.9	34.7
	3 3 to 4 years	573	33.2	33.3	68.0
	4 5 to 6 years	222	12.9	12.9	80.9
	5 More than 6 years	330	19.1	19.1	100.0
	Total	1723	99.7	100.0	
Missing	-1 Refused	4	.3		
Total		1727	100.0		

**Q32 If similarly priced to other automobiles, how likely is it that the next automobile you lease or purchase will be a Flex-Fuel Vehicle (E85 compatible)?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Not at all likely	445	25.7	25.9	25.9
	2 Somewhat likely	1082	62.6	63.1	89.0
	3 Very likely	189	10.9	11.0	100.0
	Total	1715	99.3	100.0	
Missing	-1 Refused	12	.7		
Total		1727	100.0		

**Q33\_a [How often I have to refuel my car is very important to my choice of ethanol blends.] Please indicate the extent to which you agree with the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	140	8.1	8.1	8.1
	2 Somewhat Disagree	193	11.2	11.2	19.3
	3 Neutral	778	45.1	45.1	64.5
	4 Somewhat Agree	484	28.1	28.1	92.6
	5 Strongly Agree	128	7.4	7.4	100.0
	Total	1723	99.8	100.0	
Missing	-1 Refused	3	.2		
Total		1727	100.0		

**Q33\_1 [Flex-Fuel Vehicles cost significantly more than other vehicles.] Please indicate the extent to which you agree with the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	58	3.3	3.3	3.3
	2 Somewhat Disagree	107	6.2	6.2	9.6
	3 Neutral	784	45.4	45.7	55.2
	4 Somewhat Agree	537	31.1	31.3	86.5
	5 Strongly Agree	232	13.5	13.5	100.0
	Total	1718	99.5	100.0	
Missing	-1 Refused	9	.5		
Total		1727	100.0		

**Q33\_2 [Higher-level ethanol blends such as E85 are not widely available in my area.] Please indicate the extent to which you agree with the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	68	3.9	3.9	3.9
	2 Somewhat Disagree	113	6.6	6.6	10.5
	3 Neutral	572	33.1	33.2	43.8
	4 Somewhat Agree	504	29.2	29.3	73.1
	5 Strongly Agree	463	26.8	26.9	100.0
	Total	1720	99.6	100.0	
Missing	-1 Refused	7	.4		
Total		1727	100.0		

**Q33\_3 [E85 is not likely to be readily available in my area in the near future.] Please indicate the extent to which you agree with the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	82	4.7	4.8	4.8
	2 Somewhat Disagree	162	9.4	9.4	14.2
	3 Neutral	768	44.5	44.8	59.0
	4 Somewhat Agree	415	24.0	24.2	83.2
	5 Strongly Agree	287	16.6	16.8	100.0
	Total	1714	99.2	100.0	
Missing	-1 Refused	13	.8		
Total		1727	100.0		

**Q33\_4 [The next automobile I purchase or lease is likely to be a Gasoline/Electric Hybrid.] Please indicate the extent to which you agree with the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	215	12.4	12.5	12.5
	2 Somewhat Disagree	302	17.5	17.6	30.1
	3 Neutral	720	41.7	42.0	72.1
	4 Somewhat Agree	356	20.6	20.8	92.9
	5 Strongly Agree	122	7.1	7.1	100.0
	Total	1714	99.3	100.0	
Missing	-1 Refused	13	.7		
Total		1727	100.0		

**Q34\_1 [U.S. farmland should be devoted to producing food and not fuel.] Please indicate the extent to which you agree with each of the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	122	7.1	7.1	7.1
	2 Somewhat Disagree	337	19.5	19.6	26.6
	3 Neutral	595	34.5	34.5	61.1
	4 Somewhat Agree	415	24.0	24.1	85.2
	5 Strongly Agree	255	14.8	14.8	100.0
	Total	1723	99.8	100.0	
Missing	-1 Refused	4	.2		
Total		1727	100.0		

**Q34\_2 [Increasing ethanol production from corn will lead to higher food prices.] Please indicate the extent to which you agree with each of the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	64	3.7	3.7	3.7
	2 Somewhat Disagree	204	11.8	11.9	15.6
	3 Neutral	482	27.9	28.0	43.6
	4 Somewhat Agree	542	31.4	31.5	75.1
	5 Strongly Agree	428	24.8	24.9	100.0
	Total	1721	99.7	100.0	
Missing	-1 Refused	6	.3		
Total		1727	100.0		

**Q34\_3 [Reducing our dependence on foreign oil is important to improving our national security.] Please indicate the extent to which you agree with each of the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	37	2.2	2.2	2.2
	2 Somewhat Disagree	71	4.1	4.2	6.3
	3 Neutral	330	19.1	19.2	25.5
	4 Somewhat Agree	600	34.7	34.9	60.4
	5 Strongly Agree	680	39.4	39.6	100.0
	Total	1718	99.5	100.0	
Missing	-1 Refused	9	.5		
	Total	1727	100.0		

**Q34\_4 [Reducing our dependence on foreign oil is more important than protecting the environment.] Please indicate the extent to which you agree with each of the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	203	11.8	11.8	11.8
	2 Somewhat Disagree	455	26.4	26.5	38.3
	3 Neutral	570	33.0	33.1	71.4
	4 Somewhat Agree	330	19.1	19.2	90.6
	5 Strongly Agree	162	9.4	9.4	100.0
	Total	1721	99.7	100.0	
Missing	-1 Refused	6	.3		
	Total	1727	100.0		

**Q34\_5 [More land in the U.S. should be opened up for oil drilling.] Please indicate the extent to which you agree with each of the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	158	9.2	9.2	9.2
	2 Somewhat Disagree	190	11.0	11.1	20.3
	3 Neutral	505	29.2	29.4	49.7
	4 Somewhat Agree	470	27.2	27.4	77.1
	5 Strongly Agree	393	22.7	22.9	100.0
	Total	1716	99.4	100.0	
Missing	-1 Refused	11	.6		
	Total	1727	100.0		

**Q35\_1 [Global climate change is occurring.] Please indicate the extent to which you agree with each of the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	85	4.9	5.0	5.0
	2 Somewhat Disagree	126	7.3	7.3	12.3
	3 Neutral	393	22.8	22.8	35.1
	4 Somewhat Agree	594	34.4	34.5	69.6
	5 Strongly Agree	523	30.3	30.4	100.0
	Total	1721	99.7	100.0	
Missing	-1 Refused	6	.3		
Total		1727	100.0		

**Q35\_2 [Climate change will lead to environmental and health problems in many parts of the world.] Please indicate the extent to which you agree with each of the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	85	4.9	5.0	5.0
	2 Somewhat Disagree	145	8.4	8.4	13.4
	3 Neutral	482	27.9	28.1	41.5
	4 Somewhat Agree	564	32.6	32.8	74.2
	5 Strongly Agree	443	25.6	25.8	100.0
	Total	1719	99.5	100.0	
Missing	-1 Refused	8	.5		
Total		1727	100.0		

**Q35\_3 [There is no urgent need to take measures to prevent climate change.] Please indicate the extent to which you agree with each of the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	429	24.8	25.0	25.0
	2 Somewhat Disagree	492	28.5	28.6	53.6
	3 Neutral	455	26.4	26.5	80.1
	4 Somewhat Agree	201	11.6	11.7	91.8
	5 Strongly Agree	141	8.1	8.2	100.0
	Total	1717	99.4	100.0	
Missing	-1 Refused	10	.6		
Total		1727	100.0		

**Q35\_4 [I am extremely worried about loss of the world's forests.] Please indicate the extent to which you agree with each of the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	98	5.7	5.7	5.7
	2 Somewhat Disagree	165	9.5	9.6	15.3
	3 Neutral	470	27.2	27.3	42.6
	4 Somewhat Agree	633	36.7	36.8	79.3
	5 Strongly Agree	356	20.6	20.7	100.0
	Total	1723	99.8	100.0	
Missing	-1 Refused	4	.2		
Total		1727	100.0		

**Q35\_5 [I am extremely worried about the state of the world's environment and what it will mean for my future.] Please indicate the extent to which you agree with each of the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	115	6.7	6.7	6.7
	2 Somewhat Disagree	183	10.6	10.6	17.3
	3 Neutral	513	29.7	29.8	47.1
	4 Somewhat Agree	568	32.9	33.0	80.0
	5 Strongly Agree	344	19.9	20.0	100.0
	Total	1723	99.7	100.0	
Missing	-1 Refused	4	.3		
Total		1727	100.0		

**Q36\_1 [I don't have enough knowledge to make well-informed decisions on environmental issues.] Please indicate the extent to which you agree with each of the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	227	13.2	13.2	13.2
	2 Somewhat Disagree	424	24.6	24.6	37.8
	3 Neutral	520	30.1	30.1	67.9
	4 Somewhat Agree	471	27.2	27.3	95.2
	5 Strongly Agree	82	4.8	4.8	100.0
	Total	1724	99.9	100.0	
Missing	-1 Refused	3	.1		
Total		1727	100.0		

**Q36\_2 [My personal actions don't have any significant effect on the quality of the environment.] Please indicate the extent to which you agree with each of the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	310	18.0	18.0	18.0
	2 Somewhat Disagree	685	39.7	39.7	57.7
	3 Neutral	440	25.5	25.5	83.2
	4 Somewhat Agree	219	12.7	12.7	95.9
	5 Strongly Agree	70	4.1	4.1	100.0
	Total	1724	99.9	100.0	
Missing	-1 Refused	3	.1		
Total		1727	100.0		

**Q36\_3 [Science and technology will come up with ways to solve environmental damage and pollution.] Please indicate the extent to which you agree with each of the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	71	4.1	4.1	4.1
	2 Somewhat Disagree	285	16.5	16.6	20.7
	3 Neutral	650	37.6	37.8	58.5
	4 Somewhat Agree	624	36.1	36.2	94.7
	5 Strongly Agree	91	5.3	5.3	100.0
	Total	1721	99.7	100.0	
Missing	-1 Refused	6	.3		
Total		1727	100.0		

**Q36\_4 [Most people are not willing to make sacrifices to protect the environment.] Please indicate the extent to which you agree with each of the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	37	2.2	2.2	2.2
	2 Somewhat Disagree	220	12.8	12.8	14.9
	3 Neutral	449	26.0	26.0	41.0
	4 Somewhat Agree	779	45.1	45.2	86.2
	5 Strongly Agree	238	13.8	13.8	100.0
	Total	1724	99.8	100.0	
Missing	-1 Refused	3	.2		
Total		1727	100.0		

**Q36\_5 [We have a responsibility to future generations to protect the environment.] Please indicate the extent to which you agree with each of the following statements.**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly Disagree	32	1.8	1.8	1.8
	2 Somewhat Disagree	22	1.3	1.3	3.1
	3 Neutral	325	18.8	18.9	22.0
	4 Somewhat Agree	660	38.2	38.3	60.3
	5 Strongly Agree	684	39.6	39.7	100.0
	Total	1722	99.7	100.0	
Missing	-1 Refused	5	.3		
Total		1727	100.0		

**Q37 Are you a member of an environmental organization?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No	1631	94.4	94.6	94.6
	2 Yes	94	5.4	5.4	100.0
	Total	1725	99.9	100.0	
Missing	-1 Refused	2	.1		
Total		1727	100.0		

**Q38\_1 [Television] Where do you generally get information about environmental issues?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	382	22.1	22.1	22.1
	1 Yes	1345	77.9	77.9	100.0
	Total	1727	100.0	100.0	

**Q38\_2 [Newspaper] Where do you generally get information about environmental issues?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	908	52.6	52.6	52.6
	1 Yes	819	47.4	47.4	100.0
	Total	1727	100.0	100.0	



**Q38\_3 [Magazines] Where do you generally get information about environmental issues?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	1194	69.1	69.1	69.1
	1 Yes	533	30.9	30.9	100.0
	Total	1727	100.0	100.0	

**Q38\_4 [Radio] Where do you generally get information about environmental issues?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	1236	71.6	71.6	71.6
	1 Yes	491	28.4	28.4	100.0
	Total	1727	100.0	100.0	

**Q38\_5 [Internet] Where do you generally get information about environmental issues?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	1033	59.8	59.8	59.8
	1 Yes	694	40.2	40.2	100.0
	Total	1727	100.0	100.0	

**Q38\_6 [Friends] Where do you generally get information about environmental issues?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	1328	76.9	76.9	76.9
	1 Yes	399	23.1	23.1	100.0
	Total	1727	100.0	100.0	

**Q38\_7 [Family] Where do you generally get information about environmental issues?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	1410	81.7	81.7	81.7
	1 Yes	317	18.3	18.3	100.0
	Total	1727	100.0	100.0	

**Q38\_8 [Other] Where do you generally get information about environmental issues?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	1656	95.9	95.9	95.9
	1 Yes	71	4.1	4.1	100.0
	Total	1727	100.0	100.0	

**Q38\_9 [Refused] Where do you generally get information about environmental issues?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	1722	99.7	99.7	99.7
	1 Yes	5	.3	.3	100.0
	Total	1727	100.0	100.0	

**Q41 Which best describes the area where you live?**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Metropolitan area	340	19.7	19.8	19.8
	2 Suburb	601	34.8	35.0	54.8
	3 Small town	415	24.1	24.2	79.0
	4 Rural area	361	20.9	21.0	100.0
	Total	1718	99.5	100.0	
Missing	-1 Refused	9	.5		
	Total	1727	100.0		

**PPAGE Age**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	18	17	1.0	1.0	1.0
	19	27	1.6	1.6	2.6
	20	20	1.2	1.2	3.7
	21	39	2.3	2.3	6.0
	22	24	1.4	1.4	7.4
	23	25	1.4	1.4	8.8
	24	40	2.3	2.3	11.2
	25	31	1.8	1.8	13.0
	26	29	1.7	1.7	14.7
	27	39	2.3	2.3	16.9
	28	41	2.4	2.4	19.3
	29	39	2.3	2.3	21.6
	30	30	1.7	1.7	23.3
	31	22	1.2	1.2	24.5
	32	26	1.5	1.5	26.0
	33	41	2.4	2.4	28.4
	34	32	1.9	1.9	30.3
	35	29	1.7	1.7	32.0
	36	26	1.5	1.5	33.5
	37	30	1.7	1.7	35.2
	38	30	1.7	1.7	36.9
	39	17	1.0	1.0	37.9
	40	39	2.2	2.2	40.2
	41	38	2.2	2.2	42.4
	42	22	1.3	1.3	43.7
	43	40	2.3	2.3	46.0
	44	44	2.5	2.5	48.5
	45	30	1.7	1.7	50.3
	46	20	1.2	1.2	51.4
	47	23	1.3	1.3	52.8
	48	30	1.8	1.8	54.5
	49	31	1.8	1.8	56.3
	50	42	2.4	2.4	58.7
	51	30	1.7	1.7	60.5
	52	29	1.7	1.7	62.1
	53	37	2.1	2.1	64.3
	54	44	2.5	2.5	66.8
	55	31	1.8	1.8	68.6
	56	46	2.6	2.6	71.3
	57	35	2.0	2.0	73.3
	58	23	1.3	1.3	74.6
	59	28	1.6	1.6	76.3
	60	34	2.0	2.0	78.2
	61	20	1.2	1.2	79.4
	62	29	1.7	1.7	81.1
	63	29	1.7	1.7	82.7
	64	23	1.3	1.3	84.0

**ppagecat Age - 7 Categories**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	18-24	193	11.2	11.2
	2	25-34	330	19.1	30.3
	3	35-44	315	18.3	48.5
	4	45-54	316	18.3	66.8
	5	55-64	297	17.2	84.0
	6	65-74	181	10.5	94.5
	7	75+	95	5.5	100.0
	Total		1727	100.0	100.0

**ppagect4 Age - 4 Categories**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	18-29	373	21.6	21.6
	2	30-44	466	27.0	48.5
	3	45-59	479	27.7	76.3
	4	60+	410	23.7	100.0
	Total		1727	100.0	100.0

**PPEDUC Education (Highest Degree Received)**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	No formal education	1	.1	.1
	2	1st, 2nd, 3rd, or 4th grade	2	.1	.2
	3	5th or 6th grade	9	.5	.7
	4	7th or 8th grade	22	1.3	1.9
	5	9th grade	20	1.1	3.1
	6	10th grade	47	2.7	5.8
	7	11th grade	50	2.9	8.7
	8	12th grade NO DIPLOMA	48	2.8	11.5
	9	HIGH SCHOOL GRADUATE - high school DIPLOMA or the equivalent	537	31.1	42.6
	10	Some college, no degree	361	20.9	63.5
	11	Associate degree	133	7.7	71.2
	12	Bachelors degree	317	18.3	89.5
	13	Masters degree	124	7.2	96.7
	14	Professional or Doctorate degree	57	3.3	100.0
	Total		1727	100.0	100.0

**PPEDUCAT Education (Categorical)**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Less than high school	198	11.5	11.5	11.5
	2 High school	537	31.1	31.1	42.6
	3 Some college	494	28.6	28.6	71.2
	4 Bachelor's degree or higher	498	28.8	28.8	100.0
	Total	1727	100.0	100.0	

**PPETHM Race / Ethnicity**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 White, Non-Hispanic	1265	73.3	73.3	73.3
	2 Black, Non-Hispanic	157	9.1	9.1	82.4
	3 Other, Non-Hispanic	81	4.7	4.7	87.0
	4 Hispanic	203	11.8	11.8	98.8
	5 2+ Races, Non-Hispanic	20	1.2	1.2	100.0
	Total	1727	100.0	100.0	

**PPGENDER Gender**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Male	838	48.5	48.5	48.5
	2 Female	889	51.5	51.5	100.0
	Total	1727	100.0	100.0	

**PPHHHEAD Household Head**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	368	21.3	21.3	21.3
	1 Yes	1359	78.7	78.7	100.0
	Total	1727	100.0	100.0	

**PPHHSIZE Household Size**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	411	23.8	23.8	23.8
	2	596	34.5	34.5	58.3
	3	298	17.3	17.3	75.6
	4	242	14.0	14.0	89.6
	5	107	6.2	6.2	95.8
	6	43	2.5	2.5	98.3
	7	23	1.3	1.3	99.6
	8	4	.2	.2	99.8
	9	3	.1	.1	100.0
	10	0	.0	.0	100.0
	Total	1727	100.0	100.0	

**PPHOUSE Housing Type**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 A one-family house detached from any other house	1240	71.8	71.8	71.8
	2 A one-family house attached to one or more houses	120	6.9	6.9	78.8
	3 A building with 2 or more apartments	259	15.0	15.0	93.7
	4 A mobile home	106	6.1	6.1	99.9
	5 Boat, RV, van, etc.	2	.1	.1	100.0
	Total	1727	100.0	100.0	

**PPINCIMP Household Income**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	Less than \$5,000	17	1.0	1.0
	2	\$5,000 to \$7,499	24	1.4	2.4
	3	\$7,500 to \$9,999	33	1.9	4.3
	4	\$10,000 to \$12,499	50	2.9	7.2
	5	\$12,500 to \$14,999	36	2.1	9.2
	6	\$15,000 to \$19,999	67	3.9	13.1
	7	\$20,000 to \$24,999	111	6.4	19.5
	8	\$25,000 to \$29,999	98	5.7	25.2
	9	\$30,000 to \$34,999	110	6.4	31.6
	10	\$35,000 to \$39,999	116	6.7	38.3
	11	\$40,000 to \$49,999	190	11.0	49.3
	12	\$50,000 to \$59,999	167	9.6	58.9
	13	\$60,000 to \$74,999	200	11.6	70.5
	14	\$75,000 to \$84,999	119	6.9	77.4
	15	\$85,000 to \$99,999	122	7.1	84.5
	16	\$100,000 to \$124,999	121	7.0	91.5
	17	\$125,000 to \$149,999	65	3.8	95.3
	18	\$150,000 to \$174,999	34	2.0	97.3
	19	\$175,000 or more	47	2.7	100.0
	Total		1727	100.0	100.0

**PPMARIT Marital Status**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	Married	910	52.7	52.7
	2	Widowed	104	6.0	58.7
	3	Divorced	198	11.4	70.2
	4	Separated	24	1.4	71.6
	5	Never married	409	23.7	95.3
	6	Living with partner	81	4.7	100.0
	Total		1727	100.0	100.0

**PPMSACAT MSA Status**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	Non-Metro	304	17.6	17.6
	1	Metro	1423	82.4	100.0
	Total		1727	100.0	100.0

**PPREG4 Region 4 - Based on State of Residence**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Northeast	286	16.6	16.6	16.6
	2 Midwest	389	22.5	22.5	39.1
	3 South	663	38.4	38.4	77.4
	4 West	390	22.6	22.6	100.0
	Total	1727	100.0	100.0	

**ppreg9 Region 9 - Based on State of Residence**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 New England	80	4.7	4.7	4.7
	2 Mid-Atlantic	206	11.9	11.9	16.6
	3 East-North Central	268	15.5	15.5	32.1
	4 West-North Central	121	7.0	7.0	39.1
	5 South Atlantic	348	20.2	20.2	59.2
	6 East-South Central	130	7.5	7.5	66.8
	7 West-South Central	184	10.7	10.7	77.4
	8 Mountain	140	8.1	8.1	85.5
	9 Pacific	250	14.5	14.5	100.0
	Total	1727	100.0	100.0	

**PPRENT Ownership Status of Living Quarters**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Owned or being bought by you or someone in your household	1347	78.0	78.0	78.0
	2 Rented for cash	344	19.9	19.9	97.9
	3 Occupied without payment of cash rent	36	2.1	2.1	100.0
	Total	1727	100.0	100.0	



PPSTATEN State

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	11 ME	8	.5	.5	.5
	12 NH	6	.3	.3	.8
	13 VT	1	.1	.1	.9
	14 MA	46	2.7	2.7	3.6
	15 RI	0	.0	.0	3.6
	16 CT	19	1.1	1.1	4.7
	21 NY	87	5.0	5.0	9.7
	22 NJ	53	3.1	3.1	12.8
	23 PA	66	3.8	3.8	16.6
	31 OH	78	4.5	4.5	21.1
	32 IN	30	1.7	1.7	22.8
	33 IL	74	4.3	4.3	27.1
	34 MI	60	3.5	3.5	30.5
	35 WI	27	1.6	1.6	32.1
	41 MN	34	2.0	2.0	34.0
	42 IA	24	1.4	1.4	35.4
	43 MO	31	1.8	1.8	37.2
	44 ND	7	.4	.4	37.7
	45 SD	3	.2	.2	37.9
	46 NE	6	.4	.4	38.2
	47 KS	15	.9	.9	39.1
	51 DE	14	.8	.8	39.9
	52 MD	27	1.5	1.5	41.4
	53 DC	3	.2	.2	41.6
	54 VA	58	3.4	3.4	45.0
	55 WV	8	.4	.4	45.5
	56 NC	59	3.4	3.4	48.9
	57 SC	31	1.8	1.8	50.7
	58 GA	43	2.5	2.5	53.1
	59 FL	105	6.1	6.1	59.2
	61 KY	25	1.4	1.4	60.7
	62 TN	42	2.4	2.4	63.1
	63 AL	39	2.3	2.3	65.4
	64 MS	24	1.4	1.4	66.8
	71 AR	22	1.3	1.3	68.1
	72 LA	28	1.6	1.6	69.7
	73 OK	22	1.3	1.3	71.0
	74 TX	112	6.5	6.5	77.4
	81 MT	8	.4	.4	77.9
	82 ID	9	.5	.5	78.4
	83 WY	1	.1	.1	78.5
	84 CO	25	1.5	1.5	79.9
	85 NM	20	1.1	1.1	81.1
	86 AZ	38	2.2	2.2	83.3
	87 UT	12	.7	.7	84.0
	88 NV	27	1.6	1.6	85.5
	91 WA	40	2.3	2.3	87.8

**PPT01 Presence of Household Members - Children 0-2**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	1702	98.6	98.6	98.6
	1	22	1.3	1.3	99.9
	2	1	.1	.1	99.9
	3	1	.0	.0	100.0
	4	0	.0	.0	100.0
	Total	1727	100.0	100.0	

**PPT25 Presence of Household Members - Children 2-5**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	1604	92.9	92.9	92.9
	1	97	5.6	5.6	98.5
	2	25	1.5	1.5	99.9
	3	1	.1	.1	100.0
	Total	1727	100.0	100.0	

**PPT612 Presence of Household Members - Children 6-12**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	1505	87.1	87.1	87.1
	1	141	8.1	8.1	95.3
	2	68	3.9	3.9	99.2
	3	12	.7	.7	99.9
	4	2	.1	.1	100.0
	Total	1727	100.0	100.0	

**PPT1317 Presence of Household Members - Children 13-17**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0	1521	88.1	88.1	88.1
	1	172	10.0	10.0	98.1
	2	27	1.6	1.6	99.6
	3	6	.3	.3	99.9
	4	1	.1	.1	100.0
	Total	1727	100.0	100.0	

**PPT18OV Presence of Household Members - Adults 18+**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1	452	26.2	26.2	26.2
	2	837	48.4	48.4	74.6
	3	244	14.1	14.1	88.8
	4	131	7.6	7.6	96.4
	5	41	2.4	2.4	98.7
	6	12	.7	.7	99.4
	7	9	.5	.5	100.0
	8	1	.0	.0	100.0
	Total	1727	100.0	100.0	

**PPWORK Current Employment Status**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Working - as a paid employee	958	55.5	55.5	55.5
	2 Working - self-employed	111	6.4	6.4	61.9
	3 Not working - on temporary layoff from a job	9	.5	.5	62.4
	4 Not working - looking for work	106	6.1	6.1	68.5
	5 Not working - retired	271	15.7	15.7	84.2
	6 Not working - disabled	126	7.3	7.3	91.5
	7 Not working - other	146	8.5	8.5	100.0
	Total	1727	100.0	100.0	

**PPNET HH Internet Access**

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No	604	35.0	35.0	35.0
	1 Yes	1123	65.0	65.0	100.0
	Total	1727	100.0	100.0	