

# Household Survey Results January 2002



# **General Methodology of the Omnibus Survey:**

## **July 2001 to Present**

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### **INTRODUCTION AND BACKGROUND**

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The Bureau of Transportation Statistics (BTS) is conducting a series of monthly surveys to monitor expectations of and satisfaction with the transportation system and to gather event, issue, and mode-specific information. The surveys will serve as an information source for the U.S. Department of Transportation (DOT) modal administrators, who can use them to support congressional requests and for internal DOT performance indicators. Overall, the surveys will support the collection of information on a wide range of transportation-related topics.

This document contains the following information:

- Background of the survey initiative;
- A detailed description of how sample respondents were selected for the survey;
- Information on interviewer training, pre-testing, interviewing methods, household screening methods and methods for call attempts and callbacks;
- Guidance on the use of weights for analyses;
- Instructions for calculating standard error estimates;
- Data collection methods.

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## **1. SAMPLE DESIGN**

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### **Target Population**

The target population is the United States non-institutionalized adult population (18 years of age or older).

### **Sampling Frame and Selection**

To ensure that the monthly Omnibus Surveys conducted after March 2001 is comparable to past Omnibus Surveys (March 2001 and earlier), the previous sample methodology was replicated. A sample methodology was used to achieve a random sample of non-institutionalized adults 18 years and older in the fifty states of the United States and the District of Columbia. A national probability sample of households using list-assisted random digit dialing (RDD) methodology was employed for the survey. The sample was purchased from GENESYS, a firm that provides sample for numerous government agencies and the private sector. In summary, GENESYS

initiated a sample development process by first imposing an implicit stratification on the telephone prefixes using the Census Bureau divisions and metropolitan status (See the Census Bureau regions and divisions below).

**Table 1: Census Bureau Regions and Divisions**

<b>REGION</b>	<b>DIVISION</b>	<b>STATES</b>
Northeast	New England	CT, ME, MA, NH, RI, VT
	Middle Atlantic	NJ, NY, PA
Midwest	E. North Central	IN, IL, MI, OH, WS
	W. North Central	IA, KS, MN, MO, NE, ND, SD
South	South Atlantic	DE, DC, FL, GA, MD, NC, SC, VA, WV
	E. South Central	AL, KY, MS, TN
	W. South Central	AR, LA, OK, TX
West	Mountain	AZ, CO, ID, NM, MT, UT, NV, WY
	Pacific	AK, CA, HI, OR, WA

Within each Census Bureau division, counties and their associated prefix areas located in Metropolitan Statistical Areas (MSA) were sorted by the size of the MSA. Counties and their associated prefix areas within a Census Bureau division that are located outside of MSAs were first sorted by state. Within each state, the counties and their associated prefix areas were sorted by geographic location. This implicit stratification ensures that the sample of telephone numbers is geographically representative.

The resulting sample of telephone numbers was address-matched for subsequent mailing of a pre-contact letter to each address.

### **RDD Sample**

To generate the sample the GENESYS System employs list-assisted random digit dialing methodology. List-assisted refers to the use of commercial lists of directory-listed telephone numbers to increase the likelihood of dialing household residences. This method gives unlisted telephone numbers the same chance to be selected as directory-listed numbers.

The system utilizes a database consisting of all residential telephone exchanges, working bank information, and various geographic service parameters such as state, county, Primary ZIP code, etc. In addition, the database provides working bank information at the two-digit level – each of the 100 banks (i.e., first two digits of the four-digit suffix) in each exchange is defined as "working" if it contains one or more listed telephone households. On a National basis, this definition covers an estimated 96.4% of all residential telephone numbers and 99.96% of listed residential numbers. This database is updated on a quarterly basis.

The sample frame consists of the set of all telephone exchanges that meet the geographic criteria. This geographic definition is made using one or more of the geographic codes included in the

database. Following specification of the geographic area, the system selects all exchanges and associated working banks that meet those criteria.

Based on the sample frame defined above, the system computes an interval such that the number of intervals is equivalent to the desired number of sample pieces. The interval is computed by dividing the total possible telephone numbers in the sample frame (i.e., # of working banks X 100) by the number of RDD sample pieces required. Within each interval a single random number is generated between 1 and the interval size; the corresponding phone number within the interval is identified and written to an output file.

The result is that every potential telephone number within the defined sample frame has a known and equal probability of selection.

### **ID-PLUS**

This process is designed to purge about 75% of the non-productive numbers (non-working, businesses and fax/modems). Since this process is completed after the sample is generated, the statistical integrity of the sample is maintained.

The Pre-Dialer Phase – The file of generated numbers is passed against the ID database, comprised of the GENESYS-Plus business database and the listed household database. Business numbers are eliminated while listed household numbers are set aside, to be recombined after the active Dialer Phase.

The Dialer Phase – The remaining numbers are then processed using automated dialing equipment – actually a specially configured PROYTYS Telephony system. In this phase, the dialing is 100% attended and the phone is allowed to ring up to two times. Specially trained agents are available to speak to anyone who might answer the phone and the number is dispositioned accordingly. Given this human intervention in evaluating all call results, virtually all remaining businesses, non-working and non-tritone intercepts, compensate for differences in non-working intercept behavior. The testing takes place during the restricted hours of 9 a.m. – 5 p.m. local time, to further minimize intrusion since fewer people are home during these hours.

The Post-Dialer Phase – The sample is then reconstructed, excluding the non-productive numbers identified in the previous two phases.

### **Address Matching**

The Donnelley (InfoUSA) listed residential database was used for residential reverse matches (name and address). This file contains approximately 174 million names and addresses, of which 90 million have a phone number. This file is white-page based and has NCOA updates applied to it monthly. Full updates to the file are received 3 times a year as well as monthly ZIP Code replacements. Name and address or address (including ZIP+4's) only, is appended, where available.

## Precision of Estimates

The precision of estimated frequencies can be assessed by evaluating the width of the 95 percent confidence interval around the estimates. For this application, the confidence interval can be *approximated* for design purposes as:

$$p_s \pm Z\sqrt{\text{Var}(p_s)}$$

Where  $p_s$  is the estimated (sample) proportion;

$Z$  is the 5 percent critical value of the normal distribution; and

$\text{Var}(p_s)$  is the variance of  $p_s$ .

The calculation of the end points of the confidence interval can be re-written as:

$$p_s \pm Z\sqrt{\frac{p_s(1-p_s)}{n}}$$

Or

$$p_s - Z\sqrt{\frac{p_s(1-p_s)}{n}} \leq P \leq p_s + Z\sqrt{\frac{p_s(1-p_s)}{n}}$$

Where  $P$  is the true population value of the proportion; and

$n$  is the sample size.

Therefore, with a sample size of 1,023 and  $p_s = 50$  percent, the confidence interval range would be  $47 = P = 53$ , *approximately*.<sup>1</sup>

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<sup>1</sup> This method of confidence interval calculation is conservative.

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## 2. SAMPLING WEIGHTS AND ADJUSTMENTS

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This section discusses the development of survey weights. Two types of weights were used in the present survey: inverse-probability weights (to correct for unequal selection probabilities) and post-stratification (to correct for known discrepancies between the sample and the population). The final analysis weight reflects both types of adjustments, i.e. adjustment for non-response, multiple telephone lines, and persons-per-household, and post-stratification adjustments. The final analysis weight is the weight that should be used for analyzing the survey data.

The final analysis weight was developed using the following steps:

- Calculation of the base sampling weights;
- Adjustment for unit non-response;
- Adjustment for households with multiple voice telephone numbers;
- Adjustment for selecting an adult within a sampled household; and
- Post-stratification adjustments to the target population.

The product of all the above variables represents the final analysis weight. If needed, extreme values of the final analysis weight can be reduced (or trimmed) using standard weight trimming procedures.

### Base Sampling Weights

The first step in weighting the sample is to calculate the sampling weight for each telephone number in the sample. The sampling rate is the inverse of the telephone number's probability of selection, or:

$$W_s = \frac{N}{n}$$

Where N is the total number of telephone numbers in the population and n is the total number of telephone numbers in the sample.

### Adjustment for Unit Non-Response

Sampled telephone numbers are classified as responding or non-responding households according to Census division and metropolitan status (inside or outside a Metropolitan Statistical Area). The non-response adjustment factor for all telephone numbers in each Census division (*c*) by metropolitan status (*s*), is calculated as follows:

$$ADJ_{NR} = \frac{1}{CASRO \text{ response rate } (c, s)}$$

Where the denominator is the CASRO response rate for Census division  $c$  and metropolitan status  $s$ . The non-response adjustment factor for a specific cell (defined by metropolitan status and Census division) is a function of the response rate, which is given by the ratio of the estimated number of telephone households to the number of completed surveys.

The non-response adjusted weight ( $W_{NR}$ ) is the product of the sampling weight ( $W_S$ ) and the non-response adjustment factor ( $ADJ_{NR}$ ) within each Census division / metropolitan status combination.

## **Adjustment for Households with Multiple Telephone Numbers**

Some households have multiple telephone lines for voice communication. Thus, these households have multiple chances of being selected into the sample and adjustments must be made to their survey weights. The adjustment for multiple telephone lines is:

$$ADJ_{MT} = \frac{1}{\text{Min}(Nb \text{ telephone lines}, 3)}$$

As shown in the formula, the adjustment is limited to a maximum factor of three. In other words, the adjustment factor  $ADJ_{MT}$  will be one over two (0.50) if the household has two telephone lines, and one over three (0.33) if it has three *or more*.

For respondents that did not provide this information, it is assumed that the household contained only *one* telephone line. The non-response adjusted weight ( $W_{NR}$ ) is multiplied by the adjustment factor for multiple telephone lines (multiple probabilities of selection) ( $ADJ_{MT}$ ) to create a weight that is adjusted for non-response and for multiple probabilities of selection ( $W_{NRMT}$ ).

## **Adjustment for Number of Eligible Household Members**

The probability of selecting an individual respondent depends upon the number of eligible respondents in the household. Therefore, it is important to account for the total number of eligible household members when constructing the sampling weights. The adjustment for selecting a random adult household member is:

$$ADJ_{RA} = \text{Number of Eligible Household Members}$$

For respondents that did not provide this information, a value for  $ADJ_{RA}$  is imputed according to the distribution of the number of eligible persons in a household (from responding households) within the age, gender, and race/ethnicity cross-classification cell matching that of the respondent for which the value is being imputed.

The weight adjusted for non-response and for multiple probabilities of selection ( $W_{NRMT}$ ) is then multiplied by  $ADJ_{RA}$ , resulting in  $W_{NRMTRA}$ , a weight adjusted for non-response, multiple probabilities of selection, and for selecting a random, household member.

## Post-Stratification Adjustments

Adjusting weighted survey counts so that they agree with population counts provided by the Census Bureau can compensate for different response rates by demographic subgroups, increase the precision of survey estimates, and reduce the bias present in the estimates resulting from the inclusion of only telephone households. The final adjustment to the survey weight is a post-stratification adjustment that allows the weights to sum to the target population (i.e. U.S. non-institutionalized persons 18 years of age or older) by age, gender and race/ethnicity.

The outcome of post-stratification is a factor or multiplier ( $M$ ) that scales  $W_{NRMTRA}$  within each age/gender/race cell, so that the weighted marginal sums for age, gender and race/ethnicity agree with the corresponding Census Bureau distribution for these characteristics. The method used in the post-stratification adjustment is a simple ratio adjustment applied to the sampling weight using the appropriate national population total for a given cell defined by the intersection of age, gender, and race/ethnicity.<sup>2</sup> The general method for ratio adjusting is:

- A table of the sum of the weights for each cell denoted by each age, gender, and race/ethnicity combination is created. Each cell is denoted by  $S(i,j,k)$ , where  $i$  is the indicator for age,  $j$  is the indicator for gender, and  $k$  is the indicator for race/ethnicity;
- A similar table of national population controls is created, where each cell is denoted by  $P(i,j,k)$ ;
- The ratio  $R(i,j,k) = P(i,j,k) / S(i,j,k)$  is calculated; the cell ratio  $R(i,j,k)$  is denoted as the multiplier  $M$ ;
- Each weight, at the record level, is multiplied by the appropriate cell ratio of  $R(i,j,k)$  to form the post-stratification adjustment.

Again, cells used in the post-stratification are defined by the combination of age, gender, and race/ethnicity. With two categories for gender, six for age and four for race/ethnicity,<sup>3</sup> a total of 48 (2x6x4) cells can be used. In any month, some race/ethnicity or, preferably, age categories may be merged if the number of completed interviews within the corresponding cells falls below thirty.

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<sup>2</sup> The Census Bureau provides a detailed breakdown of population count by age, gender and race/ethnicity.

<sup>3</sup> The four race/ethnicity categories used for post-stratification purposes are: Hispanic (any race), Non-Hispanic Black, Non-Hispanic White, and Non-Hispanic Other.



Those respondents who did not supply the demographic information necessary to categorize their age, gender and/or race/ethnicity are excluded from the post-stratification process and assigned a value of 1 for  $M$ .

The multiplier  $M$  is then applied to  $W_{NRMTRA}$  to create  $W_{NRMTRAPS}$ . However,  $W_{NRMTRAPS}$  is overstated because a portion of the sample is not included in the calculation of the post-stratification adjustment. Therefore, a deflation factor is applied to the value of  $W_{NRMTRAPS}$ . The deflation factor  $DEF$  is calculated as follows:

$$DEF = \frac{\sum_{i=1}^6 \sum_{j=1}^2 \sum_{k=1}^4 P(i, j, k)}{TW_{NRMTRA\_NA} + \sum_{i=1}^6 \sum_{j=1}^2 \sum_{k=1}^4 P(i, j, k)}$$

Where:

$P(i, j, k)$  is the national population count for cell  $(i, j, k)$ ; and

$TW_{NRMTRA\_NA}$  is the sum of the  $W_{NRMTRA}$  weights for respondents with missing demographic information.

This deflation factor denotes the proportion of the target population represented by respondents with non-missing demographic information. The final analysis weight,  $W_{FINAL}$ , is the scaled value of  $W_{NRMTRAPS}$ , calculated as:

$$W_{FINAL} = DEF \times W_{NRMTRAPS}$$

$W_{FINAL}$  can be viewed as the number of population members that each respondent represents.

## Trimming of Final Analysis Weights

Extreme values of  $W_{FINAL}$  are trimmed to avoid over-inflation of the sampling variance. In short, the trimming process limits the relative contribution of the variance associated with the  $k^{\text{th}}$  unit to the overall variance of the weighted estimate by comparing the square of each weight to a threshold value determined as a multiple of the sum of the squared weights. Letting  $w_1, w_2, \dots, w_j$ , denote the final analysis weights for the  $n$  completed interviews, the threshold value is calculated using the following formula:

$$Threshold = \left( 10 \sum_{j=1}^n w_j^2 / n \right)^{\frac{1}{2}}$$

Each household having a final analysis weight that exceeds the determined threshold value is assigned a trimmed weight equal to the threshold. Next, the age/gender/race cell used in the post-stratification is identified for each household with a trimmed weight. To maintain the overall weighted sum within the cell, the trimmed portions of the original weights are reassigned to the cases whose weights are unchanged in the trimming process.

For cases having trimmed weights but missing age, gender, and/or race/ethnicity information, the trimmed portions of the original weights are assigned to all remaining cases whose weights are unchanged in the trimming process.

The entire trimming procedure is repeated on the new set of weights: a new threshold value is recalculated and the new extreme values are re-adjusted. The process is repeated until no new extreme values are found.

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### 3. VARIANCE ESTIMATION

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The data collected in the Omnibus Household Survey was obtained through a complex sample design involving stratification, and the final weights were subject to several adjustments. Any variance estimation methodology must involve some simplifying assumptions about the design and weighting. Some simplified conceptual design structures are provided in this section.

#### Variance Estimation Methodology

The software package SUDAAN® (Software for the Statistical Analysis of Correlated Data) Version 7.5.6 was used for computing standard errors.

#### Software

SUDAAN® is a statistical software package developed by Research Triangle Institute to analyze data from complex sample surveys. SUDAAN® uses advanced statistical techniques to produce robust variance estimates under various survey design options. The software, in particular, can handle stratification and the numerous adjustments associated with weights subject to multiple adjustments.

#### Methods

Overall, three variables, CENDIV (Census Division), METRO (metropolitan status), and FNLWGT (final analysis weights), are needed for variance estimation in SUDAAN®. The method used in the present survey utilizes the variables CENDIV and METRO to create 18 (9x2) strata, a single stage selection with replacement procedure, and the final analysis weights. This method provides somewhat conservative standard error estimates.

Assuming a simplified sample design structure, the following SUDAAN® statements can be used (note that the data file first must be sorted by the variables CENDIV and METRO before using it in SUDAAN®):

```
PROC          ...          DESIGN          =          STRWR;
NEST          CENDIV
WEIGHT FNLWGT;          METRO;
```

More precisely, the following code is used to produce un-weighted and weighted frequency counts, percentages and standard errors (the variable of interest here is "var1", a categorical variable with seven levels):

```
PROC CROSSTAB DATA = datafile DESIGN=STRWR;
WEIGHT FNLWGT;
NEST CENDIV METRO;
SUBGROUP var1;
LEVELS 7;
TABLE
PRINT          nsum          wsum          totper          setot          /          var1;
STYLE=nchs;
```

When sampling weights are post-stratified, the variance of an estimate is reduced since the totals are known without sampling variation.<sup>4</sup> Using SUDAAN® without any modifications produces standard errors of estimates that do not reflect this reduction in variance. The estimates of the standard errors can be improved by using SUDAAN® post-stratification option (POSTVAR and POSTWGT). This option reflects the reduction in variance due to adjustment to control totals in one dimension. However, this approach still does not reflect the full effect of post-stratification, as the other post-stratification dimensions are ignored.<sup>5</sup>

## Degrees of Freedom and Precision

A typically used rule-of-thumb for degrees of freedom associated with a standard error is the quantity: number of un-weighted records in the dataset *minus* number of strata. The rule-of-thumb degrees of freedom for the method above will fluctuate from month to month depending upon the number of records in each monthly dataset. Most monthly dataset will yield degrees of freedom of around 1000.

For practical purposes, any degrees of freedom exceeding 120 is treated as infinite, i.e., if one uses a normal Z-statistic instead of a t-statistic for testing. Note, that a one-tailed critical t at 120 degrees of freedom is 1.98 while at an infinite degrees of freedom (a 0.025 z-value) is 1.96. If a variable of interest covers most of the sample strata, this limiting value probably will be adequate for analysis.

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<sup>4</sup> For a discussion of the impact of poststratification on the variance of survey estimates see, in particular, "Sampling and Weighting in the National Assessment", Keith F. Rust and Eugene G. Johnson, *Journal of Educational Statistics*, 17(2): 111-129, Summer 1992.

<sup>5</sup> For a presentation of SUDAAN®'s handling of poststratification adjustments see "1999 Variance Estimation," *National Survey of America's Families Methodology Report*, 1999 Methodology Series, Report No. 4, prepared by J.M. Brick, P. Broene, D. Ferraro, T. Hankins, C. Rauch and T. Strickler, November 2000.

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## **4. DATA COLLECTION METHODOLOGY**

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### **Expert Panel Review**

An Expert Panel is sent copies of the Omnibus Survey each month for review and comment. A link to the BTS website is sent to panelists to provide information about the purpose and history of the Omnibus Household Survey. Panelists are instructed to prioritize their comments about the draft survey. A conference call is conducted among the panelists to identify problems and issues and reach consensus (where possible) on the most significant problems and associated recommendations. The discussion and associated recommendations are summarized and distributed to the panelists to review for accuracy. Edits and modifications are then incorporated into the document and distributed to BTS.

### **Cognitive Interviews**

A total of twenty (20) cognitive interviews are conducted each month. The interviewing is conducted between 10 a.m. and 6 p.m. to broaden the distribution of participants that could participate. Recruiters intercept individuals in the mall and screen based on race, gender, age and income to ensure the ending sample of respondents are reflective of the United States population regarding the aforementioned characteristics. They also screen for no personal experience and/or close relationship with someone working in any of the sensitive occupations (transit agency, market research, advertising or public relations) and their non-participation in any survey initiative in the past six (6) months. Respondents are paid \$10 for their participation in the cognitive interview.

Respondents who agree to participate are escorted to an interviewing facility in the mall and are administered the cognitive interview by MDAC personnel. Interviewers are required to compile results from their interviews and develop a summary of noteworthy issues and any suggested solutions by the end of the next day.

### **Interview Procedures**

The following outlines the key phases of the interviewing procedures utilized in the survey.

#### **Pre-Testing**

A Pre-Test is conducted prior to the initiation of actual calling. The Pre-Test is used to replicate the data collection process and identify any problem areas related to the process, the survey instrument in total, specific questions, answer choices, questionnaire instructions or question format. It is also used to test the interview length.

Telephone supervisors conduct these pre-test interviews of the draft survey instrument. All problematic questions, issues and recommendations resulting from the pre-test are included in the list of problematic issues report which is forwarded to BTS.

#### **Interviewer Training**

All new interviewers initially completed a generic two-day (approximately 12 hours) classroom training on general interviewing skills. Additionally, each month all interviewers will complete approximately four to six hours of classroom training on specific aspects of the Omnibus

Household Survey. In response to normal interviewer turnover and/or increased staffing needs, all interviewers new to the project will receive the full complement of training prior to beginning their interviewing for this study.

An outline of the generic two-day training is below. This generic training included these topics as well as Asking questions as worded (Verbatim Reading and Recording), use of bold type on the screen, use of light type on the screen, use of ALL CAPS on the screen (Maneuvering through CfMC: Start Interviewing, Meaning/Significance of font style (e.g., bold) and text effects (e.g., all caps)). Also, interviewers were provided with a list of Frequently Asked Questions so they were ready to counter a respondent's potential refuse to participate in the study.

## **I. ORIENTATION**

Introduction to M. Davis and Company, Inc.

Welcome

MDAC Way

Organizational Chart

Your Job Description/Responsibilities

Policies and Procedures

## **II. TRAINING**

\*\*\*Includes Excerpts from the Market Research Association (MRA) Training Manual

### **A. Introduction to the Marketing and Opinion Research Industry**

What is marketing and opinion research?

Types of interviews

Techniques used in data collection

Survey settings

Overview of the marketing and opinion research process

Key Terms

### **B. The Interviewer's Role**

Appropriate Attitude

Characteristics of a successful interviewer

Recruiting Respondents

The "Art" of Interviewing

Key Terms

### **C. Respondents**

Relating to Respondents

"Training" Respondents

Building and Maintaining Rapport

"Active Listening"

Callback Scenarios and Procedures

Terminations

- D. Questions and Answers Plus Other Topics
  - The One Unbreakable Rule
  - Types of Questions
  - The Interviewing Process
  - Paperwork
  - Quality Assurance
  - Dos and Don'ts
  - Conducting the Interview
  - Editing the Interview
  - Monitoring (includes Quotas)
  - Validation
  
- E. Bias, Probing and Clarifying
  - Introduction
  - Good Feedback
  - Bad Feedback
  - Avoid Bias
  - Verbatim Reading and Recording
  - Open-end Questions and Probing
  - Additional Section, "Bias, Probing and Clarifying"
  
- F. Objections and Refusal Conversion
  - Nine Most Common Objections and Reasons for Refusal
  - Acknowledgement of the Objection
  - Soft Refusal Conversion
  
- G. Getting Familiar With The Computer
  - Mouse
  - Keyboard
  - Logging On
  
- H. Maneuvering through CfMC
  - Keyboard Commands
  - Introduction to CfMC Phone System
  - Starting the Interviewing
  - Interviewing with SURVENT
  - Responding to Different Question Types
  - SURVENT Commands
  - More About CfMC
  - Role Playing
  
- I. Open Discussion
  - Additional questions

Each survey month, a questionnaire update training is conducted to discuss the questionnaire changes. An updated interviewer training manual specific to the new month is developed and distributed to the interviewers. An outline of the approximately four-to-six hour training includes:

- A review of last month's results;
- Feedback from interviewers, supervisors;
- Problems and issues emerging from last month's data collection;
- An Overview of changed sections from last month (Sections B, S and M);
- Question-by-Question Training for New Sections.

In addition to the initial (generic) training and monthly refresher (survey-specific) training, interviewer re-training is conducted on an "as-needed" basis – that is, as interviewers are replaced or the survey instrument changes. Also, interviewers are evaluated and retrained as needed for improvement or changes in work habits as identified by our monitoring and editing control procedures.

On a monthly basis MDAC reviews the new questionnaire for changes, incorporates any changes approved by BTS emanating from the Expert Panel Review, the Cognitive Interviews and the Pretest. MDAC re-issues a new manual to each interviewer with the changes.

### **Pre-Contact Letter**

Eight (8) calendar days prior to the start of data collection a BTS-approved pre-contact letter is sent to sample numbers with an address. The intent is for each household with an address to receive the pre-contact letter several days before they receive a call to conduct the interview.

An "800" number is listed in each letter with the specific times to call (M-F, 9:00 am – 11:00 pm EST; Sat and Sun, 1:00 pm to 9:00 pm EST). The letters are categorized by call center and each call center's "800" number. Should the respondent call outside the times listed above they will receive a phone message asking them to leave their name and number and someone will contact them as soon as possible to conduct the interview.

The toll free number is also mentioned at the seventh attempt in messages left for potential respondents that have an answering machine in cases where we are unable to make contact with a member of the household. Additionally, after the seventh callback we leave our 1-800 number to arrange for interviewing appointments.

The toll free number is not left before the seventh attempt in messages due to concern that people might avoid the call or feel "harassed" if they were away for a few days and find four to six messages on their answering machine upon returning home. Given that a household with an answering machine is called two to three times per day during the Omnibus Household Survey there must be a balance between perceived harassment and encouraging participation, particularly given the limited duration of fielding.

Given the short time frame for data collection, the potential perception of harassment and prior research results, the toll free 800 number is left for the first time at the seventh call.



## **Call Attempts and Callbacks**

The interviews are conducted using CfMC computer assisted telephone interviewing software. At a minimum, one thousand (1,000) interviews are completed each month. The interviewing is distributed between two call facilities, the Wats Room and MDAC.

The Wats Room has two shifts from Monday through Friday (9a.m – 4: 30pm and 5p.m. – Midnight), a shift from 9a.m. until Midnight on Saturday and a shift from 10am until Midnight on Sunday. MDAC has three shifts on Monday through Friday (9 am - 2 pm, 2 pm – 6 pm and 6 pm – 12 midnight) and two shifts on Saturdays (11am – 4 pm and 4 pm – 9 pm) and Sundays (1 pm – 5 pm and 5 pm – 9 pm). Monday through Friday, 9 am to 2 pm, only callbacks (scheduled and non-scheduled) are initiated at both the Wats Room and at MDAC due to historically documented significantly lower completion rates during this time period. In addition, calls after 9pm local time are for scheduled callbacks only. No non-scheduled callbacks are conducted after 9pm local time.

A sufficient number of telephone numbers are released to each call center to ensure that a minimum 30% response rate is achieved if all numbers released are in scope. “In scope” means numbers where contact has been achieved and eligibility determined. Sample is added based upon past calling history, the quantity of numbers determined to be ineligible, and projection of completes based upon past and current experience, number of callbacks achieved and refusal conversion rates.

When a phone number is called initially, the interviewer determines that it is a household. Then, the interviewer requests to speak with an adult 18 years of age or older (if the person on the phone is not an adult). Once an adult is on the line, then the interviewer randomly selects the actual survey respondent by asking for the adult in the household who had a birthday most recently. When the adult with the most recent birthday comes onto the phone line the interviewer conducts the survey. Should the interviewer not be able to complete the survey the following dispositions are recorded:

**Do-Not-Call** dispositions are for households that request their number not be called in the future. This disposition ensures compliance with the respondent’s request.

**Refusals** are defined as when a person refuses to participate in the survey at all. Someone who breaks off the interview or refuses because s/he doesn’t have time or says s/he is busy is considered a callback. Refusals are routed to supervisors and selected interviewers capable of converting refusals into completions or other disposition. Interviewers experiencing a refusal enter the appropriate refusal code. Supervisors review refusals the next day and assign the refusal numbers to the appropriate personnel to initiate callbacks with a refusal script. Refusal households are called twice a day, once during the time period contact was initially made and one other time period. The refusal callback is rotated between the morning and late afternoon time periods from Monday through Friday.

Callbacks are scheduled and prioritized by the CfMC software. The callbacks are prioritized based upon the following criteria: first priority – scheduled callback to qualified household member; second priority--scheduled callback to “qualify” household (includes contact with Spanish language barrier households); third priority – callback to make initial contact with household (includes answering machine, busy, ring no answer); and fourth priority – callbacks that are the seventh or higher attempts to schedule interview.

An interview is considered “complete” only if all questions are answered. A refusal to answer an individual question meets the definition of, and counts as, an “answered” question.

Should the interviewer not be able to complete the interview the following procedures will be followed:

**Scheduled callbacks** can be dialed at anytime during calling hours and as frequently as requested by the callback household up to seven times. Callback attempts in excess of seven are at the discretion of the interviewer based upon his/her perception of the likelihood of completing the interview. The basis of the interviewer’s perception, in part, is determined by how vigorously the interviewer is being encouraged to call back to complete the interview by the potential respondent or another member of the household. The interviewer then confers with a supervisor and a final determination is made as to if the interviewer continues calling.

**Callbacks to Spanish language households** are conducted by Spanish-speaking interviewers. Interviewer’s that identify a household as Spanish speaking alerts supervisor a Spanish-speaking interviewer is needed to handle phone call. If Spanish interviewer is not available, the interviewer will inform respondent someone will call back, then record as CBS (Callback Spanish). If person is not available within the next hour a callback will be scheduled, if possible.

Those records identified as Spanish will be routed to a Spanish-speaking interviewer. Spanish Interviewer makes call and follows standard protocol for all English calls.

**Callbacks for initial contact** with potential respondents are distributed across the various calling time periods and weekday/weekend to ensure that a callback is initiated during each time period each day. Two (Saturday and Sunday) to three (Monday through Friday) callbacks per number are initiated per day assuming the number retains a callback status during the calling. There are up to twenty (20) callback attempts. This protocol is designed for ring no answer and answering machines. When an interviewer reaches a household with an answering machine during the seventh, fourteenth or twentieth time calling the interviewer leaves a message with the respective appropriate 800 number.

Callbacks to numbers with a **busy signal** are scheduled every 30 minutes until the household is reached, disposition is modified, maximum callbacks are achieved or the study is completed.

## **Disposition Codes**

The following are the disposition codes used for each call outcome:

### **Out-of-Scope Numbers:**

- BG – Business (The number dialed is a non-residential phone number. The call is terminated and the number resolved.)
- CF – Computer/Fax (The number dialed has led to a modem, fax, pager, or cell phone.)
- DS – Disconnected number (The number dialed is disconnected. The call is terminated and the number resolved.)
- NC – Number change (The call yielded a recording that the number was changed, with or without a change in the area code.)
- NQ – No one 18 years old or older in household
- UNB – Unavailable before and during study period

**Scope Undetermined:**

- NA – No answer (The phone is not answered within 5 rings.)
- BZ – Busy (busy signal)
- AM – Answering machine (The call has led to an answering machine or voicemail.)
- CCC – Cannot complete call (The message “Your call cannot be completed at this time” is received. This is a message provided by the local telephone company when there is a line problem in the local area. These calls are dialed on another day.)
- PM – Privacy manager (Privacy manager is a feature provided by local telephone companies that requires incoming callers to identify themselves, before the household will accept the call.)
- NQL – Eligibility undetermined because of language problems or deafness
- RFI – Refused to speak with interviewer (screening incomplete) If the respondent refuses to speak with interviewer prior to answering F0250 (screening incomplete) and, if asked, F0200 responded “no”
- HRI – Requests their name be removed from calling list or if the respondent refuses to speak with interviewer for second time prior to answering F0250 (screening incomplete) and, if asked, F0200 responded “no”
- OD – The maximum number of call attempts is reached before being able to determine eligibility

**In-Scope Numbers:**

- YES – Yes (Respondent has agreed to be screened and is eligible, 18 years old or older.)
- CB – Callback (The respondent has asked that we call them back at another time.)
- CBS – Callback Spanish
- DL – Deaf/Language (The respondent is eligible but is hard of hearing, or cannot speak English fluently to complete the interview.)
- RFQ – Respondent refusal (Respondent refuses after establishing there is a qualified household member by answering F0350 or a later appearing question, or after answering F0200 “yes”.)
- UN – Unavailable (Was available when study began or unable to determine.)
- DR – Respondent deceased prior to completion of interview
- AC – The area code is changed but not the number
- HRQ – Requests their name be removed from calling list or respondent refusal for second time after establishing there is a qualified household member by answering F0350 or a later appearing question, or after answering F0200 “yes”

**Household Screening**

Qualified respondents are at least 18 years of age or older and must be the household member with the most recent birthday. If the household member is not available at the time of the call a callback is scheduled to screen and/or interview the respondent.

**Interviewing Methods**

Incentives were not offered to potential respondents in exchange for their participation in the survey. Surveys were conducted in both English and Spanish. If the potential respondent refuses

to be interviewed the reason for refusal is recorded. The average length of the interview was 10 to 12 minutes and an additional 3 to 5 minutes to screen and recruit potential respondents.

Generally, interviewers introduced themselves, who they worked for, the purpose of the survey, and assured the potential respondent this was not a sales call. Interviewer then determined whether there was an eligible person in the household. Once contact was made with the eligible household member the interviewer they reintroduced themselves when necessary, explained the purpose of the survey, that it is a voluntary study, indicates the survey takes only 15 minutes, indicated all information would remain confidential and they can refuse to answer any question.

If the potential respondent agrees to participate the interviewer provides the respondent an opportunity to ask any questions, addresses their questions and the interview is conducted. However, if it is not a convenient time then a callback is scheduled.

## **Data Quality Control Procedures**

A key component to successful data quality control procedures is a well-trained and experienced interview staff. All potential interviewers underwent intensive training and orientation regardless of their level of experience prior to being hired for this project. New hires were first screened on their voice quality, dictation, and their ability to administer a simple test questionnaire.

Our interviewer training for administering telephone surveys included:

- Orientation on the purpose and importance of marketing research, company policies, and quality standards including viewing Market Research Association (MRA) training videotapes;
- Testing on material developed by the Market Research Association;
- Background and purposes of the survey;
- Procedure for selection of correct respondent for the interview;
- Intensive hands-on training on the "basics" of interviewing itself- the handling of skip patterns, probing and clarify techniques, sample administration, Computer Assisted Telephone Interviewing (CATI), overcoming refusals, etc.;
- Observing and listening to experienced interviewers conducting actual interviews during which each trainee's performance is closely monitored and evaluated under actual interviewing conditions;
- Constant reference on the importance of accuracy, quality and courtesy; and
- Successful completion of a total of approximately eight hours of training during the different sessions.

## **Interviewer Performance**

Ongoing monitoring of every interviewer is undertaken throughout the BTS Omnibus Survey. Fifteen (15%) to twenty (20%) percent of all calls are monitored. An interviewer evaluation form is completed for each monitored contact with a household. Additionally, the evaluation forms includes two to three evaluations of a completed interview per hour. The evaluation forms are paper hard copy forms and are available for review by BTS at the offices of M. Davis and Company, Inc. in Philadelphia.

## **Other Procedures**

The initial two days of interviews by each interviewer are checked to identify any problems administering the survey. The objective is to identify problems, if any, correct the errors and take action so that the problems do not reappear. Before beginning the second day of work all interviewers are alerted to their problems, if any, and the interviewers review how to ensure the problem does not recur. Interviews that were completed during the second day are checked to see that the first day's errors are not repeated. If errors were repeated and dependent upon the significance of the error, the interviewer is retrained and/or removed from the project for that month of calling.

Newer interviewers are monitored at a higher rate regardless of their level of experience until their first performance evaluation. Additionally, validation is performed on 10% - 20% of each interviewer's work through actual callbacks to respondents to verify responses to key questions. The validation is initiated on the first day of interviewing to ensure early detection of problems and to avoid a backlog of validation calls. Validations are performed for both new and experienced interviewers.

## **Summary of Data Cleaning**

On a daily basis, the data file is checked as a standard to maintain quality. The CfMC utility called SCAN, allows for checking the data, to be sure that all questions are being asked in accordance with the skip patterns on the final questionnaire. The file is also checked for missing codes.

This survey contains "other specify" questions. These questions allow the interviewer to record text responses that do not appear on the pre-listed set of responses. "Other specify" responses are edited to determine if responses entered in "other specify" appear on the pre-listed set of responses. Upon review of the "other specify" responses, it may be necessary to "code-back" a response to the pre-list. This occurs when an interviewer recorded a response as "other", although one of the pre-listed responses matched the "other" response.

## **Treatment of Missing Values**

As with any survey, the BTS Omnibus Survey, by design, contains questions that are not asked to certain respondents based on their response(s) to other questions. In addition, there will always be some respondents who do not know the answer to or chose not to answer some items in the survey. Each of these responses can have a different meaning to the data user. While each of these response categories is important in characterizing the results of the survey, they are often removed from certain analyses, particularly those involving percentages. Therefore, the categories were given standard codes for easy identification. The table below presents the response categories and how they are represented in each data file.

**Table 2: Summary of Codes for Missing Values by Data File Format**

Response Category	Dataset Formats		
	SAS® Version 7.0	Microsoft Excel	Text Comma Delimited
Appropriate skip	.S	-7	-7
Refused	.R	-8	-8
Don't know	.D	-9	-9

## Response Rates

The procedures for response rate calculation are based on the guidelines established by the Council of American Survey Research Organizations (CASRO) in defining a response rate. The final response rate for the survey is obtained using the following formula:

$$\text{Response Rate} = \frac{\text{Completed HH Interviews}}{\left\{ \text{HHs In Scope} + \left[ \text{Scope Undetermined} * \frac{\text{HHs In Scope}}{\text{HHs In \& Out of Scope}} \right] \right\}}$$

## Non-Response Methods

For the Omnibus Survey the following is undertaken to maximize the response rate:

1. Matching sample telephone numbers against commercial file against residential directory-listed numbers.
2. Advance letter stating clearly the aims, objectives and importance of the survey, with toll free number to callback. MDAC will collaborate with BTS to create a BTS approved advance letter.
3. Coordination of the mailing of advance letters with the interview calling.
4. Develop answers for the questions and objections that may arise during the interview.
5. Leaving message on answering machine with a toll free number.
6. Having multi-lingual interviewers to reduce language barriers.
7. Elimination of non-residential numbers from sample.
8. Callbacks of respondents who initially refused or broke-off interview.
9. Minimizing turnover of key and non-key personnel.

## Reasons for Non-Response

As with any survey, the BTS Omnibus Survey, by design, contains questions that ask respondents to supply the demographic information necessary to categorize their age, gender, and/or education. There will always be some respondents who do not choose to answer some items in the survey. For respondents that did not want to provide this information, the most common reasons for non-responses are: *I don't like giving my age, I would rather not say, I don't like to be labeled, and that is personal information.*

Common reasons for non-responses when asked questions regarding contacts they may have had with any government agencies and/or why they contacted the agencies are: *I don't want to say because I don't trust the government, I don't want to answer because I have an issue pending, and I would rather not say.*

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## REFERENCES

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"Poststratification and weighting adjustments," Andrew Gelman and John B. Carlin, Department of Statistics, Columbia University Working Paper, February 2000

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## Omnibus Survey: January 2002 Month Specific Information

This report presents the results of the January 2002 Household Survey. Each monthly survey will contain a set of core questions that are based on critical information needs within DOT. In addition, supplemental questions will be included each month that correspond to one of DOT's five strategic goals: safety, mobility, economic growth, human and natural environment, and security. Finally, specific questions posed by the various DOT modes will be included in each survey and will vary from month to month.

The January 2002 survey collected data between January 5, 2002 and January 14, 2002. Data were collected from households in the U.S. using a Random-Digit-Dialed telephone methodology. The final completed sample size is 1,142 cases, and the total number of variables in the public-use dataset is 203. The data were collected by M. Davis and Company, under contract with the BTS.

### Sample Telephone Number Selection

There were 11,271 telephone numbers purchased for the January 2002 survey. A total of 6,737 of these numbers were identified as working residential numbers and were divided into 67 replicates. Each replicate contained approximately 100 households. Four (4) unused replicates from January's sample were used to conduct a pretest. Twenty-Five (25) of the 67 January replicates were not utilized in the actual interviewing, resulting in 3,827 numbers being released for use by the telephone interviewers.

For this survey, the total number of telephone numbers in the sampling frame, N, is 262,863,400. The total number of telephone numbers in the sample (numbers dialed) is 3,810.

### Specific Weight Adjustment for Households with Multiple Telephone Numbers

Some households have multiple telephone lines for voice communication.

The table below provides summary statistics for the number of telephone lines in the monthly sampled households.

**Table 1: Number of Telephone Lines per Household**

	Value
Mean	1.180
Standard deviation	0.508
Minimum	1
25th percentile	1
Median	1
75th percentile	1
Maximum	5



## Specific Weight Adjustment for Number of Eligible Household Members

The probability of selecting an individual respondent depends upon the number of eligible respondents in the household.

The table below provides summary statistics for the number of eligible members in the monthly sampled households.

**Table 2: Number of Eligible Household Members**

	<b>Value</b>
Mean	1.985
Standard deviation	0.884
Minimum	1
25th percentile	1
Median	2
75th percentile	2
Maximum	11

## Post-Stratification Weight Adjustments

Adjusting weighted survey counts so that they agree with population counts provided by the Census Bureau can compensate for different response rates by demographic subgroups, increase the precision of survey estimates, and reduce the bias present in the estimates resulting from the inclusion of only telephone households.

The cells, used to construct post-stratification adjustments for this month, together with the number of sample observations and the national population estimates from the Census Bureau are shown in the table below.

**Table 3: Post-Stratification Cells**

<b>CELL</b>	<b>DESCRIPTION</b>	<b>SAMPLE SIZE</b>	<b>POPULATION</b>
1	Male - Hispanic (Any Race)	36	10,167,034
2	Male - Non-Hispanic Black	25	9,883,467
3	Male - Age 18 – 24 - Non-Hispanic White	29	8,635,241
4	Male - Age 25 – 34 - Non-Hispanic White	63	11,985,017
5	Male - Age 35 – 44 - Non-Hispanic White	86	15,833,339
6	Male - Age 45 – 54 - Non-Hispanic White	75	14,165,493
7	Male - Age 55 – 64 - Non-Hispanic White	61	9,215,914
8	Male - Age 65 or older - Non-Hispanic White	70	11,755,768
9	Male - Non-Hispanic Other	46	4,146,032
10	Female - Hispanic (Any Race)	53	10,625,145
11	Female - Age 18 – 44 - Non-Hispanic Black	34	7,307,267
12	Female - Age 45 or older - Non-Hispanic Black	31	5,144,462
13	Female - Age 18 – 24 - Non-Hispanic White	38	8,531,226
14	Female - Age 25 – 34 - Non-Hispanic White	88	12,373,489
15	Female - Age 35 – 44 - Non-Hispanic White	89	16,061,583
16	Female - Age 45 – 54 - Non-Hispanic White	89	14,513,973
17	Female - Age 55 – 64 - Non-Hispanic White	66	9,837,412
18	Female - Age 65 or older - Non-Hispanic White	104	15,762,147

19	Female - Non-Hispanic Other	41	4,762,691
N/A	Missing Demographic Information	18	N/A
<b>TOTAL</b>		<b>1,142</b>	<b>200,706,700</b>

### Data Collection Schedule

The survey was conducted over a ten-day period, from January 5, 2002 through January 14, 2002. A total of 1,142 interviews were completed during the survey period.

### Disposition of Sample Telephone Numbers

The table below presents the distribution of household telephone numbers by disposition categories. The number of household cases in each category was then used to calculate a CASRO response rate of approximately 39.5 percent.

**Table 4: Distribution of Household Cases by Disposition (Revised 11/06/02)**

Disposition Category	Number of Households
<b>Telephone Numbers Available</b>	<b>6,335</b>
<b>Telephone Numbers Released</b>	<b>3,827</b>
<b>Telephone Numbers Not Dialed</b>	<b>17</b>
<b>Telephone Numbers Dialed</b>	<b>3,810</b>
<b>Out-of-Scope Numbers (Ineligible)</b>	<b>689</b>
BG - Business	159
CF - Computer/Fax	117
DS - Disconnected number	369
NC - Number change	15
NQ - No one 18 years old or older in household	6
UNB - Unavailable before and during study period	23
<b>Scope Undetermined</b>	<b>959</b>
NA - No answer	427
BZ - Busy	0
AM - Answering machine	213
LM - Left message	3
CCC - Cannot complete call	0
PM - Privacy manager	34
NQL - Eligibility undetermined because of language problems or deafness	20
RFI - Refused to speak with interviewer (screening incomplete)	24
HRI - Initial Refusal - Requested name be removed from calling list	238
OD - Maximum call attempts reached	0
<b>In-Scope Numbers</b>	<b>2162</b>
Complete	1,142
Partial Complete	26
CB - Callback	265

<b>Disposition Category</b>	<b>Number of Households</b>
CBS - Callback Spanish	10
NAQ - No Answer Qualified	285
BZQ - Busy Qualified	0
AMQ - Answering Machine Qualified	247
LMQ - Left Message Qualified	10
CCQ - Cannot Complete Call Qualified	0
PMQ - Privacy Manager Qualified	30
DL - Deaf/Language	51
RFQ - Respondent refusal	3
UN - Unavailable	86
DR - Respondent deceased prior to completion of interview	0
AC - The area code is changed but not the number	0
HRQ - Qualified Refusal - Requested name be removed from calling list	34
<b>CASRO Response Rate</b>	<b>39.53%</b>

## JANUARY 2002 FINAL ANNOTATED SURVEY QUESTIONNAIRE

Professional interviewers administer this questionnaire using computer-assisted telephone interviewing (CATI). In addition to the answer categories displayed for each question, the interviewer has the option to enter “don’t know” or “refused” but these categories are not displayed on-screen.

The questionnaire consists of eight sections: an introduction section, followed by six “subject matter” sections and an interviewer close-out section:

Section	Topics	Periodicity
F	Introduction and Respondent Selection Questions	Identical series each month
G	General Transportation Core Questions	Identical series each month
B	BTS Topical Transportation Questions	Change each month to address topical issues. This month: <b>commuting, high speed rail</b>
SE	Strategic Goal Questions	Rotate three times per year by goal area. <b>Bold type</b> denotes area addressed this month:  Month 1 - Safety (SS) Month 2 - Mobility (SM) Month 3 - <b>Environment</b> (SE) Month 4 - National Security (SN)
T	USDOT Services Satisfaction Questions <b>None this month</b>	Identical series each month <b>None this month</b>
M	Operating Administration Modal Questions	Change each month
D	Demographic Questions	Identical series each month
I	Interviewer Close Out Questions	Identical series each month

Formatting conventions for this document:

- **Question/answer text in boldface type** displays verbatim text to read to respondent. Within such text, words or phrases enclosed in brackets [ ], such as in Question G0103, will change depending upon time frames or respondent responses to previous items. Words or phrases enclosed in parentheses ( ), such as in Question F0454, are optional and should be read to respondent as part of the question only when needed.
- Answer text in regular type is not read aloud to respondent. Instead, the interviewer will wait for response and categorize it into one of the listed categories.
- **TEXT IN ALL CAPS** displays on-screen instructions to the interviewer or questions that the interviewer answers.
- *Text in italics* provides CATI system instructions or options, such as skips or fills.

**Section F - INTRODUCTION AND RESPONDENT SELECTION**

*CATI system will generate and dial telephone number. When someone answers, interviewer begins.*

F0053. **Hello, my name is \_\_\_\_\_, and I'm calling on behalf of the United States Department of Transportation about an important national study on transportation issues. In the aftermath of the terrorist attacks on September 11th, 2001, transportation has become a more critical issue in our society.**

F0080. **Have I reached [telephone number]?**

- 1) Yes
- 2) No - **Sorry, I must have dialed incorrectly. Goodbye.**

TERMINATE CALL

F0065. **Your household has been selected for this study, and we are very interested in your transportation habits and opinions. Please remember that your input will help strengthen our nation's transportation system.**

F0100. **Is this phone for a home, a business, or both?**

- 1) Home - *go to F0200*
- 2) Business
- 3) Both home and business - *go to F0200*

F0150. **Sorry, I'm trying to reach a residence. Goodbye.**

TERMINATE CALL

F0200. **Are you a household member who is at least 18 years old?**

- 1) Yes - *go to F0351*
- 2) No

F0250. **May I please speak to a household member who is at least 18 years old?**

- 1) Yes - *go to F0351*
- 2) No

F0300. **When would be a good time to call back to speak with someone who is at least 18 years old?**

SCHEDULE CALL BACK

F0351. IF INTERVIEWER IS SPEAKING WITH A NEW RESPONDENT, BEGIN BY REPEATING F0053. THEN SAY...  
**This study is designed to select one household adult to answer the questions. We choose that person based on birthdays, so I need to talk with the person living there now, aged 18 years or older, who will have a birthday next. What is the first name of that person?**  
INTERVIEWER INSTRUCTION: PRESS "ESCAPE" KEY AFTER ENTERING INFORMATION

Name \_\_\_\_\_ TYPE IN PERSON'S FIRST NAME.

F0400. **May I please speak with [insert name]?**

- 1) Yes
- 2) No - go to F0500

F0454. INTERVIEWER NOTE: READ THE FOLLOWING PARENTHETICAL ONLY IF RESPONDENT ASKS FOR ADDITIONAL DETAILS. REPEAT F0351 IF NECESSARY. THEN SAY...

**I have some questions about your transportation use, and about your opinions on important transportation issues such as the environment, commuting and holiday travel. Your participation in this voluntary study (there is no penalty for refusing to answer any question) will take only about 10 minutes, and your answers will be used only for statistical summaries. The study is authorized by law (Title 49, Section 111c2 of the United States Code). Do you have any questions before we begin?**

- 1) Yes - go to F0550
- 2) No - go to F0600

F0500. **When would be a good time to call back to speak to [insert name]?**

SCHEDULE CALL BACK

F0550. ADDRESS QUESTIONS OR USE REFUSAL CONVERSION TECHNIQUES IS RESPONDENT WILLING TO CONTINUE?

- 1) Yes
- 2) No - THANK RESPONDENT AND TERMINATE

PRESS "ENTER" TO CONTINUE

F0600. **Fine, then let's get started. For quality purposes, my supervisor may monitor this call.**

ENTER "1" TO PROCEED, OR ENTER "2" TO SCHEDULE CALL BACK

- 1) Proceed - *go to G0050*
- 2) SCHEDULE CALL BACK

**Section G - General Transportation Core Questions**

G0050. **First I need to identify all the kinds of transportation you used either for personal or for business travel last month.**

G0103. **During December, did you drive or ride in a personal vehicle.** (Examples of personal vehicles include a car, van, SUV, pickup truck, RV.)

- 1) Yes
- 2) No (*Skip to G0150*)

G0851A. **How many days did you drive or ride?** (RECORD NUMBER)

\_\_\_\_ days

G0150. **During December, did you drive or ride in an organized carpool or vanpool?**

- 1) Yes
- 2) No (*Skip to G0302*)

G0851B. **How many days did you drive or ride?** (RECORD NUMBER)

\_\_\_\_ days

G0302. **During December, did you ride on any public transit within a city or metropolitan area? Examples of public transit include a bus, rapid rail (subway, surface or elevated), light rail, commuter bus or rail from suburb-to-city.**

- 1) Yes
- 2) No (*Skip to G0801*)

G0851C. **How many days did you use it?** (RECORD NUMBER)

\_\_\_\_ days (*Skip to G0842*)

G0801. **Is public transportation available in your area?**

- 1) Yes
- 2) No (*Skip to G0201*)



G0842. **I would like to know about the types of public transportation available in your area. Is local public bus service available?**

- 1) Yes (*If G0302=2, skip to G0804*)
- 2) No (*Skip to G0804*)

G0843. **Did you ride public buses during December?**

- 1) Yes
- 2) No

G0804. **Is subway service available in your area?**

- 1) Yes
- 2) No

G0804A **INTERVIEWER: DOES RESPONDENT HAVE ANY COMMENT?**

- 1) YES
- 2) NO (*If G0804=1, Skip to G0895; If G0804=2, Skip to G0818*)

G0804O \_\_\_\_\_ (*If G0804=1, Skip to G0895; If G0804=2, Skip to G0818*)

G0845. **Did you ride the subway during December?**

- 1) Yes (*If G0845 =1, Skip to G0818*)
- 2) No

G0895. **Has your subway usage changed in any way as a result of the events of September 11th and subsequent events?**

- 1) Yes
- 2) No (*Skip to G0818*)

G0896. **As a result of the events of September 11th and subsequent events, are you riding the subway more, riding the subway less, or has the amount of your subway usage remained about the same?**

- 1) More
- 2) Less
- 3) Remained about the same

G0897. **As a result of the events of September 11th and subsequent events, have you changed the time of day you travel on the subway?**

- 1) Yes
- 2) No

G0898. **As a result of the events of September 11th and subsequent events, have you changed the routes you travel on the subway?**

- 1) Yes
- 2) No

G0818. **Is light rail such as streetcars available in your area?**

- 1) Yes
- 2) No

G0818A **INTERVIEWER: DOES RESPONDENT HAVE ANY COMMENT?**

- 1) YES
- 2) NO (*If G0302=2, skip to instruction before G0873; If G0302=1 and G0818=2, skip to instruction before G0873*)

G0818O \_\_\_\_\_ (*If G0302=2, skip to instruction before G0873; If G0302=1 and G0818=2, skip to instruction before G0873*)

G0816. **Did you ride any type of light rail during December?**

- 1) Yes
- 2) No

*If G0804 = 1 then skip to G0846.*

G0873. **Are any other types of local rapid rail such as elevated trains available in your area?**

- 1) Yes
- 2) No

G0873A **INTERVIEWER: DOES RESPONDENT HAVE ANY COMMENT?**

- 1) YES
- 2) NO (*If G0302=2, Skip to G0846*)

G0873O \_\_\_\_\_ (*If G0302=2, Skip to G0846*)

G0874. **Did you ride any of these other types of rapid rail during December?**

- 1) Yes
- 2) No

G0846. **Is local commuter rail service from suburb to city available in your area?  
(Neither subways nor light rail nor AMTRAK is commuter rail.)**

- 1) Yes
- 2) No

G0846A **INTERVIEWER: DOES RESPONDENT HAVE ANY COMMENT?**

- 1) YES
- 2) NO (*If G0302=2, Skip to G0877*)

G0846O \_\_\_\_\_(*If G0302=2, Skip to G0877*)

G0847. **Did you ride the commuter rail during December?**

- 1) Yes
- 2) No (*Skip to G0877*)

G0877. **Is commuter or express bus service such as Park and Rides available in your area?**

- 1) Yes
- 2) No

G0877A **INTERVIEWER: DOES RESPONDENT HAVE ANY COMMENT?**

- 1) YES
- 2) NO (*If G0302=1, skip to G0201. If G0302=2, skip to G0810*)

G0877O \_\_\_\_\_(*If G0302=1, skip to G0201. If G0302=2, skip to G0810*)

G0878. **Did you use commuter or express bus service during December?**

- 1) Yes
- 2) No

If G0302 = 1 (used public transit in the past 30 days) skip to G0201

G0810. **Please tell me the main reason you did not use public transit last month.** (CODE THE FIRST REASON GIVEN. IF RESPONSE IS "I DON'T KNOW", "I DON'T LIKE IT," OR "I DON'T NEED IT" PROBE FOR A SPECIFIC REASON. IF RESPONDENT SAYS "I HAVE/USE MY OWN VEHICLE" PROBE "WHAT IS IT ABOUT PUBLIC TRANSIT THAT CAUSED YOU TO USE YOUR OWN VEHICLE)(DO NOT READ LIST)

- 1) Prefer my own vehicle
- 2) I am retired/not working/not in school
- 3) Need to make multiple stops to/from work/school
- 4) Don't understand/know routes and schedules
- 5) Not convenient (doesn't go where I need to)
- 6) Not flexible (doesn't go when I need to)
- 7) Takes too much time
- 8) Distance from home to stops is too great
- 9) Uncomfortable riding with strangers
- 10) Costs too much
- 11) Unreliable
- 12) Unsafe
- 13) Health/disability/physical limitations
- 14) Other - SPECIFY \_\_\_\_\_

G0201. **During December, did you ride on a city-to-city bus, such as Greyhound?**

- 1) Yes
- 2) No (*Skip to G0251*)

G0851D. **How many days did you ride on it? (RECORD NUMBER)**

\_\_\_\_ days

G0902B. **And of these days, how many were for business or work? (RECORD NUMBER)**

\_\_\_\_ days

G0251. **During December, did you ride on a city-to-city train, such as AMTRAK?**

- 1) Yes
- 2) No (*Skip to G0880*)

G0851E. **How many days did you ride on it? (RECORD NUMBER)**

\_\_\_\_ days

G0902C. **And of these days, how many were for business or work? (RECORD NUMBER)**

\_\_\_\_\_ days

*Skip to G0882*

G0880. **In your area, do you have long distance city-to-city train service such as AMTRAK?**

- 1) Yes
- 2) No (*Skip to G0350*)

G0882. **Is long distance HIGH SPEED city-to-city train service such as AMTRAK's Acela train service available in your area?**  
[INTERVIEWER, ANSWER YES IF RESPONDENT SAYS HIGH SPEED SERVICE IS AVAILABLE TO SOME CITIES.]

- 1) Yes
- 2) No (*Skip to G0350*)

G0827. **Have you ever used AMTRAK's HIGH SPEED Acela train service?**

- 1) Yes (*Skip to G0350*)
- 2) No

G0831. **What is the main reason you have not used AMTRAK's HIGH SPEED Acela train service?**

- 1) Cost
- 2) Does not go where I want to go
- 3) Schedule not
- 4) Takes too long
- 5) Prefer to drive
- 6) Prefer to fly
- 7) Do not travel
- 8) Other (specify)\_\_\_\_\_

G0350. **During December, did you fly on a commercial airline?**

- 1) Yes
- 2) No (*Skip to G0401*)

G0851F. **How many days did you fly on a commercial airline?** (RECORD NUMBER)

\_\_\_\_ days

G0902D. **And of these days, how many were for business or work?** (RECORD NUMBER)

\_\_\_\_ days

G0401. **During December, did you fly on a charter, private, or corporate airplane or helicopter?**

- 1) Yes
- 2) No (*Skip to G0452*)

G0851G. **How many days did you fly on a charter, private, or corporate airplane or helicopter?** (RECORD NUMBER)

\_\_\_\_ days

G0902E. **And of these days, how many were for business or work?** (RECORD NUMBER)

\_\_\_\_ days

G0452 **During December, did you drive or ride on a motorcycle, including a motorized scooter, or a motorized bicycle (such as a moped) or an ATV?**

- 1) Yes
- 2) No (*Skip to G0501*)

G0851H. **How many days did you drive or ride one of these vehicles?** (RECORD NUMBER)

\_\_\_\_ days

G0501 **During December, did you ride a bicycle? Please do not include stationary bicycles.**

- 1) Yes
- 2) No (*Skip to G0551*)

G0851I. **How many days did you ride your bicycle?** (RECORD NUMBER)

\_\_\_\_ days

G0952. **Primarily for what purpose did you use it? (DO NOT READ LIST)(RECORD ONLY ONE)**

- 1) Commuting to work or school,
- 2) Recreation,
- 3) Exercise/for my health,
- 4) Personal errands, (to the store, post office, and so on)
- 5) Required for my job
- 6) Some other purpose - SPECIFY \_\_\_\_\_

G1001. **And on a typical day that you rode your bicycle, about how much time did you spend bicycling?**

\_\_\_\_\_ hours and \_\_\_\_\_ minutes

*CATI system must ensure an entry for both hours and minutes.*

G1051. **Did you bicycle mostly on: (READ LIST) (RECORD ONLY ONE)**

- 1) Paved roads, not on shoulder,
- 2) Shoulders of paved roads,
- 3) Bike lanes on roads,
- 4) Sidewalks,
- 5) Bike paths, walking paths or trails,
- 6) Unpaved roads (for example dirt, gravel, sand),
- 7) Grass, or
- 8) Other - SPECIFY \_\_\_\_\_

G0551. **During December, did you walk, run, or jog at least one time outside for 10 minutes or more? (such as to work, to a store or to a park)**

- 1) Yes
- 2) No (*Skip to G0555*)

G0851J. **How many days did you walk, run or jog? (RECORD NUMBER)**

\_\_\_\_\_ days

G1102. **Primarily for what purpose did you walk, run, or jog?** (DO NOT READ LIST)(RECORD ONLY ONE)

- 1) Commuting to work or school,
- 2) Recreation,
- 3) Exercise/for my health,
- 4) Personal errands, (to the store, post office, walking the dog, and so on)
- 5) Required for my job
- 6) Some other purpose - SPECIFY \_\_\_\_\_

G1151. **And on a typical day that you walked, ran, or jogged, about how much time did you spend walking, running, or jogging?**

\_\_\_\_\_ hours and \_\_\_\_\_ minutes

*CATI system must ensure entry for both hours and minutes*

G1202. **Did you walk, run, or jog mostly on:** (READ LIST) (RECORD ONLY ONE)

- 1) Paved roads, not on shoulder,
- 2) Shoulders of paved roads,
- 3) Bike lanes on roads,
- 4) Sidewalks,
- 5) Bike paths, walking paths or trails,
- 6) Unpaved roads (for example dirt, gravel, sand),
- 7) Track,
- 8) Grass, or
- 9) Other - SPECIFY \_\_\_\_\_

G0555. **During December, did you ride as a passenger on a cruise ship?**

- 1) Yes
- 2) No

G0601. **During December, did you ride on a commercial boat, ship, or ferry?**

- 1) Yes
- 2) No (*Skip to G0651*)

G0851K. **How many days did you ride on a commercial boat, ship, or ferry?** (RECORD NUMBER)

\_\_\_\_\_ days



G0651. **During December, did you operate or ride on a personal watercraft such as a jetski or skidoo?**

- 1) Yes
- 2) No (*Skip to G0701*)

G0851L. **How many days did you operate or ride on a personal watercraft? (RECORD NUMBER)**

\_\_\_ days

G1251. **In total, about how much time did you spend using personal watercraft last month?**

\_\_\_ hours and \_\_\_ minutes

*CATI system must ensure entry for both hours and minutes*

G0701. **During December, did you operate or ride in a recreational boat such as a sailboat, motorboat, or yacht?**

- 1) Yes
- 2) No (*Skip to G0750*)

G0851M. **How many days did you operate or ride in a recreational boat? (RECORD NUMBER)**

\_\_\_ days

G1258. **In total, about how much time did you spend using a recreational boat last month?**

\_\_\_ hours and \_\_\_ minutes

*CATI system must ensure entry for both hours and minutes*

G0750. **During December, did you use any other means of transportation? For example a taxi, limousine, charter or tour bus, hotel or airport shuttle. BEFORE CODING, ENSURE THAT ANSWER CANNOT BE INCLUDED IN ONE OF THE OTHER CATEGORIES)**

- 1) Yes
- 2) No (*Skip to B0050*)

G0851N. **How many days did you use other means of transportation?** (RECORD NUMBER)

\_\_\_\_ days

**Section B - BTS Topical Transportation Questions**

B0050.       **The next questions are about commuting.**

PRESS "ENTER" TO CONTINUE

B0102.       **Last month did you commute, that is, travel routinely from home to work or to attend school? (EXCLUDE TELECOMMUTING; COMMUTING MAY INCLUDE ANY TYPE OF TRANSPORTATION.)**

- 1)    Yes
- 2)    No (*Skip to B0360*)

B0152.       **Altogether, about how many days did you commute last month? (DO NOT READ LIST)**

- 1)    29-31 days/month
- 2)    22-28 days/month
- 3)    15-21 days/month
- 4)    8-14 days/month
- 5)    1-7 days/month

B0201.       **Did you commute from home to work, to school, or both?**

- 1)    To work - *skip to B0302*
- 2)    To school - *skip to B0452*
- 3)    Both to work and to school - *go to B0251*

B0251.       **Which statement best describes your most frequent commuting pattern: (READ LIST)(RECORD ONLY ONE)**

- 1)    You go to work and to school on different days,
- 2)    You go to work, then directly to school
- 3)    You go to work, then home, then to school,
- 4)    You go to school, then directly to work
- 5)    You go to school, then home, then to work, or
- 6)    Something else - Specify \_\_\_\_\_

B0302. **To get to work on a typical day last month, what were all the types of transportation you used? PROBE: Anything else?**  
(DO NOT READ LIST)(RECORD ALL THAT APPLY)

INTERVIEWER NOTE: WHEN RESPONDENT IS DONE, REPEAT ANSWER TO RESPONDENT: "You used \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, etc. on a single day to get to work?"

- 1) Personal vehicle (example: car, van, SUV, pickup truck, RV)
- 2) Organized carpool or vanpool
- 3) City-to-city bus (example: Greyhound)
- 4) City-to-city train (example: AMTRAK)
- 5) Public transit within city or metropolitan area (example: bus, rapid rail, [subway, surface, or elevated] light rail, commuter bus or rail from suburb to city)
- 6) Commercial airplane
- 7) Charter, private or corporate airplane
- 8) Motorcycle, including motorized scooter or motorized bicycle
- 9) Bicycle
- 10) Walking, running, or jogging
- 11) Commercial boat, ship or ferry
- 12) Other - Specify \_\_\_\_\_

B0310. **Did you work at the same location on most days?**

- 1) Yes - *skip to B0352*
- 2) No

B0315. **Did you work at more than one location on a typical day?**

- 1) Yes
- 2) No - *skip to B0352*

B0320. **On a typical day, how much time did you spend traveling from worksite to worksite?**

\_\_\_\_\_ hours and \_\_\_\_\_ minutes - *go to B0360*

*CATI system must ensure entry for both hours and minutes*

B0352. **On a typical day, how much time did a one-way, door-to-door trip from home to work take?**  
THE TIME RECORDED FOR COMMUTING TO WORK ON A TYPICAL DAY SHOULD BE THE TIME IT TOOK TO COMMUTE USING THE MODES OF TRANSPORTATION USED ON TYPICAL DAY AND RECORDED IN B0302.

\_\_\_\_\_ hours and \_\_\_\_\_ minutes

*CATI system must ensure entry for both hours and minutes*

B0360. **Do you ever telecommute? That is, do you ever work at home for pay for your employer instead of working at the office? (This does not include taking work home at night or over the weekend.)**

- 1) Yes
- 2) No (If B0102 = 1 then go to B0365; if B0102 = 2 then go to B2000)

B0361. **Do you telecommute occasionally, on a regular basis or fixed schedule, or full time?**

- 1) Occasionally
- 2) On a regular basis or fixed schedule
- 3) Full time

B0362. **About how many days did you telecommute in the past month?**

\_\_\_\_\_ days

*If B0101=2 then go to B2141.*

B0365. **Do you ever work at a telework center or satellite office? That is, do you ever work at an office other than your regular office TO REDUCE YOUR COMMUTE?**

[INTERVIEWER: Focus is on working somewhere other than one's "normal" workplace for the purpose of reducing commute time.

Satellite office: alternate work site that is in a separate location than your primary worksite.

Telework office: alternate work site, could possibly house workers from many different businesses.]

- 1) Yes
- 2) No (Skip to instruction before B0452)

B0366. **How often do you work at a telework center or satellite office?**  
**Would you say [PLEASE READ LIST BELOW]**

- 1) Occasionally
- 2) On a regular basis or fixed schedule
- 3) Full time

B0368. **About how many days did you work at a telework center or satellite office in the past month?**  
\_\_\_\_\_ days

*If B0201=1, go to B2000*

B0452. **To get to school on a typical day last month, what were all the types of transportation you used? PROBE: Anything else?**  
(DO NOT READ LIST)(RECORD ALL THAT APPLY)

INTERVIEWER NOTE: WHEN RESPONDENT IS DONE, REPEAT ANSWER TO RESPONDENT: "You used \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, etc. on a single day to get to school?"

- 1) Personal vehicle (example: car, van, SUV, pickup truck, RV)
- 2) Organized carpool or vanpool
- 3) City-to-city bus (example: Greyhound)
- 4) City-to-city train (example: AMTRAK)
- 5) Public transit within city or metropolitan area (example: bus, rapid rail, [subway, surface, or elevated] light rail, commuter bus or rail from suburb to city)
- 6) Commercial airplane
- 7) Charter, private or corporate airplane
- 8) Motorcycle, including motorized scooter or motorized bicycle
- 9) Bicycle
- 10) Walking, running, or jogging
- 11) Commercial boat, ship or ferry
- 12) Other - Specify \_\_\_\_\_

B0501. **How much time did the door-to-door trip to school usually take, one way?**  
\_\_\_\_\_ hours and \_\_\_\_\_ minutes

THE TIME RECORDED FOR COMMUTING TO SCHOOL ON A TYPICAL DAY SHOULD BE THE TIME IT TOOK TO COMMUTE USING THE MODES OF TRANSPORTATION USED ON TYPICAL DAY AND RECORDED IN B0452...

*CATI system must ensure entry for both hours and minutes*

B2000. **My next group of questions are about holiday travel.**

PRESS "ENTER" TO CONTINUE

B2141. **Did you travel last month for the December holidays?**

- 1) Yes
- 2) No (*Skip to next section*)

B2151. **About how far did you travel one way last month for the December holidays? Did you travel...**

- 1) Less than 50 miles
- 2) 50 to less than 200 miles
- 3) 200 to less than 600 miles
- 4) 600 to less than 1500 miles
- 5) 1500 miles or more
- 6) **IF MILEAGE UNKNOWN:**
- 7) Origin and destination (SPECIFY)

B2151a. Enter destination (From \_\_\_\_\_ to \_\_\_\_\_) in B2151

B2161. **Please tell me all the forms of transportation you used last month for your December holiday travel. Probe: Any other means? (DO NOT READ LIST. RECORD ALL THAT APPLY).**

- 1) Personal vehicle (example: car, van, SUV, pickup truck, motorcycle including rental cars, taxis, etc.)
- 2) Commercial Airline
- 3) City-to-city train (example: AMTRAK)
- 4) City-to-city bus (example: Greyhound)
- 5) Commercial boat, ship or ferry
- 6) Cruise ship
- 7) Public transit within city or metropolitan area (example: bus, rapid rail [subway, surface, or elevated], light rail, commuter bus or rail from suburb to city)
- 8) Other - Specify \_\_\_\_\_

**Section SE - Strategic Goal Questions**

SE0050. **Now I want to ask your opinion on some transportation issues related to the environment.**

PRESS "ENTER" TO PROCEED.

SE0100. **Was transportation an important factor in choosing where you live?**

- 1) Yes
- 2) No

SE0150. **When thinking about your community in terms of the environment,**

		Yes	No
SE0160	<b>Do you notice air pollution in your community that is caused by vehicle emissions?</b>	1	2
SE0165	<b>Do the sounds of traffic, trains, and airplanes cause noise pollution in your community?</b>	1	2
SE0170	<b>Is water pollution from transportation sources a problem in your community?</b>	1	2
SE0175	<b>Is traffic congestion a problem in your community?</b>	1	2
SE0180	<b>Are hazardous material incidents from transportation sources a problem in your community?</b>	1	2

SE0300. **In your own words, what do you think is the primary cause of air pollution in your community? (DO NOT READ. CODE ONLY ONE)**

- 1) Power Plants
- 2) SEMIS/LARGE Trucks
- 3) Dust
- 4) Cars/SUVS/Pickups/Vans
- 5) Pollen
- 6) Factories
- 7) Commercial Planes
- 8) Trains
- 9) Buses
- 10) Don't have air pollution where I live
- 11) Other - SPECIFY \_\_\_\_\_



SE0202. **Now I have a couple of questions about motor oil. In the past year, did you yourself ever change the motor oil in any of your own vehicles, including an RV, private airplane, motorcycle, or recreational boat?**

- 1) Yes
- 2) No - (*Skip to M0050*)

SE0205. **In thinking about the vehicle on which you did this the most frequently, how many times did you change the motor oil this past year?**

INTERVIEWER NOTE: IF RESPONDENT SAYS OIL WAS CHANGED AT SPECIFIC MILEAGE OR HOUR INTERVALS, FOR EXAMPLE ONCE EVERY 3,000 MILES OR ONCE EVERY 100 HOURS USED, PROBE TO FIND OUT THE NUMBER OF TIMES CHANGED THIS PAST YEAR. IF RESPONDENT SAYS MORE THAN 12 OIL CHANGES, ENTER "12."

*CATI system range limit should be 1-12, 98, or 99.*

SE0210. **How did you usually dispose of the used oil?  
(DO NOT READ LIST)(RECORD ONLY ONE)**

- 1) Took to an oil recycling collection center, gas or service station
- 2) Poured down a drain outdoors (storm drain, backyard drain)
- 3) Poured down a drain indoors (workshop drain, sink, garbage disposal)
- 4) Put in with the garbage/trash
- 5) Poured it on the ground
- 6) Released it in the water
- 7) Other - Specify \_\_\_\_\_

*If SE0210=1, skip to next section.*

SE0215. **What was the main reason you did not take the used oil to a recycling collection center? (DO NOT READ LIST)(RECORD ONLY ONE)**

- 1) Never heard of recycling used oil
- 2) No recycling center in my town/area
- 3) Don't know where a recycling center is
- 4) Recycling location not convenient
- 5) Recycling hours not convenient
- 6) Recycling center charges to dispose of used oil
- 7) Other - Specify \_\_\_\_\_

## Section M - Operating Administration Modal Questions

- M0050. **The next questions are of interest to specific agencies within the United States Department of Transportation.**
- MNH0500. **My first group of questions is of interest to the National Highway Transportation Safety Administration.**
- MNH0510. **Have you driven a vehicle in the last twelve months?**
- 1) Yes
  - 2) No (*Skip to M0061*)
- MNH0520. **In the last 12 months, while driving at night, has the glare from the headlights of an oncoming vehicle been not noticeable, barely noticeable, noticeable but acceptable, disturbing, or did it cause a crash or near miss?**
- 1) Not Noticeable - none
  - 2) Barely Noticeable
  - 3) Noticeable but Acceptable
  - 4) Disturbing
  - 5) Caused Crash or near miss
- MNH0540. **In the last 12 months, while driving at night, has the glare from the headlights of a vehicle behind you been not noticeable, barely noticeable, noticeable but acceptable, disturbing, or did it cause a crash or near miss?**
- 1) Not Noticeable - none
  - 2) Barely Noticeable
  - 3) Noticeable but Acceptable
  - 4) Disturbing
  - 5) Caused Crash or near miss
- MNH0560. **In the last 12 months, while driving during the day, has the glare from the daytime running lights on other vehicles been not noticeable, barely noticeable, noticeable but acceptable, disturbing, or did it cause a crash or near miss?**
- 1) Not Noticeable - none
  - 2) Barely Noticeable
  - 3) Noticeable but Acceptable
  - 4) Disturbing
  - 5) Caused Crash or near miss

MNH0580. **In the last 12 months, have you been involved in a crash in a vehicle where you were the driver?**

- 1) Yes
- 2) No

MNH0600. **In the last 12 months, have you been involved in a near miss in a vehicle where you were the driver?**

- 1) Yes
- 2) No

M0061. **My next group of questions is about the United States Coast Guard.**  
PRESS "ENTER" TO CONTINUE

MCG0101. **Do you know what the Coast Guard does?**

- 1) Yes
- 2) No - *skip to next section*

MCG0155. **Please tell me a public service or activity that comes to your mind when I mention the Coast Guard.**  
INTERVIEWER INSTRUCTION: ENTER VERBATIM RESPONSE. PRESS "ESCAPE" KEY AFTER ENTERING INFORMATION

MCG0160. \_\_\_\_\_

MCG0161. **Anything else?**

- 1) Yes
- 2) No - *skip to next section*

MCG0162. **What other public service or activity?**  
INTERVIEWER INSTRUCTION: ENTER VERBATIM RESPONSE. PRESS "ESCAPE" KEY AFTER ENTERING INFORMATION

\_\_\_\_\_

MCG0163. **Anything else?**

- 1) Yes
- 2) No - *skip to next section*

MCG0164. **What other public service or activity?**  
INTERVIEWER INSTRUCTION: ENTER VERBATIM RESPONSE. PRESS  
“ESCAPE” KEY AFTER ENTERING INFORMATION

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MCG0165. **Anything else?**

- 1) Yes
- 2) No - *skip to next section*

MCG0166. **What other public service or activity?**  
INTERVIEWER INSTRUCTION: ENTER VERBATIM RESPONSE. PRESS  
“ESCAPE” KEY AFTER ENTERING INFORMATION

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**Section D - Demographic Questions**

D0050.       **This final section asks for information to help us summarize the study results. No identifying information about you or your household will ever be released or published.**

PRESS "ENTER" TO CONTINUE.

D0061.       **How many registered road vehicles are available for regular use by members of your household?**

ENTER NUMBER \_\_\_\_\_

D0101.       **Do you have any kind of disability or health impairment?**

- 1)    Yes
- 2)    No

D0103.       **Does anyone else currently living there, including children, have any kind of disability or health impairment?**

- 1)    Yes
- 2)    No

*If D0101 = 2 and D0103 = 2 go to D0251.   If D0101 = 1 and D0103 = 2 go to D0106.*

D0105.       **How many other people (beside yourself)?**

\_\_\_\_\_

D0106.       **Does anyone in the household use adaptive equipment in any motor vehicle, (for example hand controls, modified foot pedals, or a wheelchair lift)?**

- 1)    Yes
- 2)    No

D0107.       **We may conduct another study soon that focuses on transportation use among persons with disabilities or health impairments. Your household's experience and opinions on this critically important topic would be of great value. May we contact your household for this study?**

- 1)    Yes
- 2)    No

D0251. **How many people aged 18 or older live in your household, including yourself?**  
INTERVIEWER NOTE: REPEAT ANSWER TO RESPONDENT: "Including yourself, \_\_\_\_\_ people aged 18 or older live in your household?" (RECORD NUMBER)

\_\_\_\_\_ people

D0300. **Please stop me when I reach the category that includes your age: (READ LIST UNTIL RESPONDENT STOPS YOU TO SELECT A CATEGORY)**

- 1) **18 to 24 years**
- 2) **25 to 34**
- 3) **35 to 44**
- 4) **45 to 54**
- 5) **55 to 64**
- 6) **65 to 74**
- 7) **75 or older**

D0350. (RECORD GENDER; ASK ONLY IF NECESSARY). **Are you male or female?**

- 1) Male
- 2) Female

D0401. **Is the racial or ethnic group that best describes you... (READ ENTIRE LIST. READ PARENTHETICAL ONLY IF RESPONDENT ASKS FOR CLARIFICATION.) (RECORD ALL THAT APPLY)**

- 1) **American Indian (Native American) or Alaska Native,**
- 2) **Asian (e.g., Chinese, Filipino, Japanese, Korean, Vietnamese),**
- 3) **Black or African-American,**
- 4) **Hispanic or Latino,**
- 5) **Native Hawaiian or other Pacific Islander (e.g., Samoan or Chamorro),**
- 6) **White (Caucasian, Anglo), or**
- 7) **Other-SPECIFY \_\_\_\_\_**

D0450. **What is the highest level of education you've completed? (DO NOT READ LIST)(RECORD ONLY ONE)**

- 1) Less than high school graduate
- 2) High school graduate (or GED)
- 3) Some college (or technical vocational school/professional business school)
- 4) Two-year college degree (AA: Associate in Arts)
- 5) Four-year college degree (BA or BS: Bachelor of Arts of Science degree)
- 6) Graduate degree (Masters, PhD., Lawyer, Medical Doctor)

D0501. **Please stop me when I reach the category that includes your household's total annual income for last calendar year, that is, 2001: (READ LIST UNTIL RESPONDENT STOPS YOU TO SELECT A CATEGORY)(RECORD ONLY ONE)**

- 1) **Under \$15,000**
- 2) **From \$15,000 to less than \$30,000**
- 3) **From \$30,000 to less than \$50,000**
- 4) **From \$50,000 to less than \$75,000**
- 5) **From \$75,000 to less than \$100,000**
- 6) **\$100,000 or more**

D0552. **Not including the telephone number which I called you on, how many additional phone numbers do you have in your household? Please do not count numbers for cellular phones, or phone lines that are exclusively for computer or fax use.**

- 0) None (Skip to D0800)
- 1) One
- 2) Two
- 3) Three
- 4) Four or more

D0751. **Is the primary use of the additional phone number(s) for household use, business use, or both?**

- 1) Household use only
- 2) Business use only
- 3) Both household and business use

D0800. **Finally, in order to classify your household for statistical purposes, what is your ZIP code? RECORD NUMBER**

\_\_\_\_ \_

D0850. **This concludes the study questions. On behalf of the Department of Transportation, I thank you for your time. Goodbye.**

PRESS "ENTER" TO END INTERVIEW.

**Section I - Interviewer Close Out Questions**

I0050. THESE QUESTIONS ARE ANSWERED BY THE INTERVIEWER AFTER THE RESPONDENT HANGS UP.

HOW WELL DID THE RESPONDENT UNDERSTAND THE QUESTIONS?

- 1) Not at all
- 2) Not very well
- 3) Well
- 4) Very well

I0100. HOW COOPERATIVE WAS THE RESPONDENT IN ANSWERING THE QUESTIONS?

- 1) Not at all cooperative
- 2) Not very cooperative
- 3) Cooperative
- 4) Very cooperative

I0150. IN WHAT LANGUAGE WAS THE INTERVIEW CONDUCTED?

- 1) English
- 2) Spanish
- 3) Both English and Spanish
- 4) Other - SPECIFY \_\_\_\_\_

I0200. PLEASE NOTE ANYTHING ELSE YOU FEEL IS HELPFUL OR IMPORTANT ABOUT THIS INTERVIEW.

- 11) \_\_\_\_\_ Text of response
- 99) No notes to add



Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
	CASEID	Case Identification Number			Char	6	\$TEXTVAR
	STATE	State			Char	2	\$TEXTVAR
	METRO	Metro Inside Outside	1	Inside an MSA	Num	8	METROIN
			2	Outside an MSA			
	CREGION	Census Region	1	Northeast	Num	8	CENSREG
			2	Midwest			
			3	South			
			4	West			
	CENDIV	Census Division	1	New England	Num	8	CENSDIV
			2	Middle Atlantic			
			3	East North Central			
			4	West North Central			
			5	South Atlantic			
			6	East South Central			
			7	West South Central			
			8	Mountain			
			9	Pacific			
	DVERSION	Database Version		Year - Quarter	Char	6	\$TEXTVAR
	STARTIM	Interview Start Time			Char	8	\$TEXTVAR
	ENDTIME	Interview End Time			Char	8	\$TEXTVAR
	INLNGTH	Interview Length			Num	8	BEST
	TIMEZONE	Time Zone	C	Central time	Char	1	\$TZONE
			E	Eastern time			
			M	Mountain time			
			P	Pacific time			
			A	Alaska time			
			H	Hawaii time			
G0103	G0103	Use - Personal Vehicle	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851A	G0851A	Personal Vehicle - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0150	G0150	Use - Carpool/Vanpool	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
G0851B	G0851B	Carpool/Vanpool - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0302	G0302	Use - Public Transit	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851C	G0851C	Public Transit - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0801	G0801	Public Trans - Available	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0842	G0842	Public Trans - Available - Bus	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0843	G0843	Public Trans - Ride Bus	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0804	G0804	Public Trans - Available - Subway	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0804A	G0804A	Public Trans - Available - Subway - CommentA	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0804O	G0804O	Public Trans - Available - Subway - CommentO	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
G0845	G0845	Public Trans - Ride Subway	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0895	G0895	Public Trans - Subway - Usage	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0896	G0896	Public Trans - Subway - Frequency	1	More	Num	8	SUBFREQ
			2	Less			
			3	Remained about the same			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0897	G0897	Public Trans - Subway - Time	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0898	G0898	Public Trans - Subway - Route	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0818	G0818	Public Trans - Available - Light Rail	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0818A	G0818A	Public Trans - Available - Light Rail - CommentA	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0818O	G0818O	Public Trans - Available - Light Rail - CommentO	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
G0816	G0816	Public Trans - Ride Light Rail	1	Yes	Num	8	YESNO

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0873	G0873	Public Trans - Available - Other Rapid Rail	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0873A	G0873A	Public Trans - Available - Other Rapid Rail - CommentA	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0873O	G0873O	Public Trans - Available - Other Rapid Rail - CommentO	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
G0874	G0874	Public Trans - Ride Other Rapid Rail	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0846	G0846	Public Trans - Available - Commuter Rail	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0846A	G0846A	Public Trans - Available - Commuter Rail - CommentA	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0846O	G0846O	Public Trans - Available - Commuter Rail - CommentO	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
G0847	G0847	Public Trans - Ride Commuter Rail	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			.R	Refused			
			.S	Appropriate skip			
G0877	G0877	Public Trans - Available - Commuter Bus	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0877A	G0877A	Public Trans - Available - Commuter Bus - CommentA	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0877O	G0877O	Public Trans - Available - Commuter Bus - CommentO	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
G0878	G0878	Public Trans - Ride Commuter Bus	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0810	G0810A	Public Transit - Reason for Not Using	1	Prefer my own vehicle	Num	8	NOPTWHY
			2	I am retired/not working/not in school			
			3	Need to make multiple stops to/from work/school			
			4	Don't understand/know routes and schedules			
			5	Not convenient (doesn't go where I need to)			
			6	Not flexible (doesn't go when I need to)			
			7	Takes too much time			
			8	Distance from home to stops is too great			
			9	Uncomfortable riding with strangers			
			10	Costs too much			
			11	Unreliable			
			12	Unsafe			
			13	Health/disability/physical limitations			
			14	Other			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0810	G0810B	Public Transit - Other Reason for Not Using	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
G0201	G0201	Use - Bus	1	Yes	Num	8	YESNO

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			2	No			
			.D	Don't know			
			.R	Refused			
G0851D	G0851D	Bus - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0902B	G0902B	Bus - Days - Business		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0251	G0251	Use - Train	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851E	G0851E	Train - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0902C	G0902C	Train - Days - Business		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0880	G0880	AMTRAK - Available	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0882	G0882	Acela - Available	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0827	G0827	Acela - Use	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0831	G0831A	Acela - Reason for Not Using	1	Cost	Num	8	NOHSRWHY

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			2	Does not go where I want to go			
			3	Schedule not convenient			
			4	Takes too long			
			5	Prefer to drive			
			6	Prefer to fly			
			7	Do not travel			
			8	Other			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0831	G0831B	Acela - Other Reason for Not Using	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
G0350	G0350	Use - Commercial Airline	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851F	G0851F	Commercial Airline - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0902D	G0902D	Com Airline - Days - Business		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0401	G0401	Use - Other Aircraft	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851G	G0851G	Other Aircraft - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0902E	G0902E	Other Aircraft - Days - Business		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0452	G0452	Use - Motorcycle	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
G0851H	G0851H	Motorcycle - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0501	G0501	Use - Bicycle	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851I	G0851I	Bicycle - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0952	G0952A	Bicycle - Purpose	1	Commuting to work or school	Num	8	COMUWYA
			2	Recreation			
			3	Exercise/for my health			
			4	Personal errands (to the store, post office, and so on)			
			5	Required for my job			
			6	Some other purpose			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0952	G0952B	Bicycle - Other Purpose	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
G1001	G1001A	Bicycle - Time Spent - Hours		_____ hours	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1001	G1001B	Bicycle - Time Spent - Minutes		_____ minutes	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1001	G1001C	Bicycle - Time Spent - Decimal Hours		Calculated	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1051	G1051A	Bicycle - Type of Road	1	Paved roads, not on shoulder	Num	8	ROADTYPA
			2	Shoulders of paved roads			
			3	Bike lanes on roads			
			4	Sidewalks			



Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			5	Bike paths, walking paths or trails			
			6	Unpaved roads (for example dirt, gravel, sand)			
			7	Grass			
			8	Other			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1051	G1051B	Bicycle - Other Type of Road	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
G0551	G0551	Use - Walk	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851	G0851J	Walk - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1102	G1102A	Walk - Purpose	1	Commuting to work or school	Num	8	COMUWYB
			2	Recreation			
			3	Exercise/for my health			
			4	Personal errands (to the store, post office, walking the dog, and so			
			6	Required for my job			
			5	Some other purpose			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1102	G1102B	Walk - Other Purpose	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
G1151	G1151A	Walk - Time Spent - Hours		_____ hours	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1151	G1151B	Walk - Time Spent - Minutes		_____ minutes	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1151	G1151C	Walk - Time Spent - Decimal Hours		Calculated	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
G1202	G1202A	Walk - Type of Road	1	Paved roads, not on shoulder	Num	8	ROADTYPB
			2	Shoulders of paved roads			
			3	Bike lanes on roads			
			4	Sidewalks			
			5	Bike paths, walking paths or trails			
			6	Unpaved roads (for example dirt, gravel, sand)			
			9	Track			
			7	Grass			
			8	Other			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1202	G1202B	Walk - Other Type of Road	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
G0555	G0555	Use - Cruise Ship	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0601	G0601	Use - Commercial Boat	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851K	G0851K	Commercial Boat - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0651	G0651	Use - Watercraft	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851L	G0851L	Watercraft - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1251	G1251A	Watercraft - Time Spent - Hours		_____ hours	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1251	G1251B	Watercraft - Time Spent - Minutes		_____ minutes	Num	8	BEST

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1251	G1251C	Watercraft - Time Spent - Decimal Hours		Calculated	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0701	G0701	Use - Recreational Boat	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851M	G0851M	Recreational Boat - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1258	G1258A	Recreational Boat - Time Spent - Hours		_____ hours	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1258	G1258B	Recreational Boat - Time Spent - Minutes		_____ minutes	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1258	G1258C	Recreational Boat - Time Spent - Decimal Hours		Calculated	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
			.R	Refused			
G0750	G0750	Use - Other Means of Transportation	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851N	G0851N	Other Means of Transportation - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0102	B0102	Commute	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			.R	Refused			
B0152	B0152	Commute - Days	1	29-31 days/month	Num	8	DAYSCOMU
			2	22-28 days/month			
			3	15-21 days/month			
			4	8-14 days/month			
			5	1-7 days/month			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0201	B0201	Commute - Work/School	1	To work	Num	8	COMUWHER
			2	To school			
			3	Both to work and to school			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0251	B0251A	Commute - Route	1	You go to work and to school on different days	Num	8	COMUROUT
			2	You go to work, then directly to school			
			3	You go to work, then home, then to school			
			4	You go to school, then directly to work			
			5	You go to school, then home, then to work			
			6	Something else			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0251	B0251B	Commute - Other Route	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
B0302	B0302A	Commute to Work - Personal Vehicle	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0302	B0302B	Commute to Work - Carpool/Vanpool	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0302	B0302C	Commute to Work - Bus	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
B0302	B0302D	Commute to Work - Train	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0302	B0302E	Commute to Work - Public Transit	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0302	B0302F	Commute to Work - Commercial Airplane	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0302	B0302G	Commute to Work - Other Airplane	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0302	B0302H	Commute to Work - Motorcycle	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0302	B0302I	Commute to Work - Bicycle	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0302	B0302J	Commute to Work - Walk	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0302	B0302K	Commute to Work - Commercial Boat	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
B0302	B0302L	Commute to Work - Other	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0302	B0302M	Commute to Work - Other - Specify	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
B0310	B0310	Commute to Work - Same Location	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0315	B0315	Commute to Work - Several Locations	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0320	B0320A	Commute to Work - Svrl Loc - Time Spent - Hours		_____ hours	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0320	B0320B	Commute to Work - Svrl Loc - Time Spent - Minutes		_____ minutes	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0320	B0320C	Commute to Work - Svrl Loc - Time Spent - Decimal Hours		Calculated	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0352	B0352A	Commute to Work - Trip Time - Hours		_____ hours	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0352	B0352B	Commute to Work - Trip Time - Minutes		_____ minutes	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
B0352	B0352C	Commute to Work - Trip Time - Decimal Hours		Calculated	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0360	B0360	Telecommute	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0361	B0361	Telecommute - Frequency	1	Occasionally	Num	8	TELEFREQ
			2	On a regular basis or fixed schedule			
			3	Full time			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0362	B0362	Telecommute - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0365	B0365	Telework Center	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0366	B0366	Telework Center - Frequency	1	Occasionally	Num	8	TELEFREQ
			2	On a regular basis or fixed schedule			
			3	Full time			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0368	B0368	Telework Center - Days		_____ days	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0452	B0452A	Commute to School - Personal Vehicle	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0452	B0452B	Commute to School - Carpool/Vanpool	1	Yes	Num	8	YESNO

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0452	B0452C	Commute to School - Bus	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0452	B0452D	Commute to School - Train	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0452	B0452E	Commute to School - Public Transit	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0452	B0452F	Commute to School - Commercial Airplane	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0452	B0452G	Commute to School - Other Airplane	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0452	B0452H	Commute to School - Motorcycle	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0452	B0452I	Commute to School - Bicycle	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0452	B0452J	Commute to School - Walk	1	Yes	Num	8	YESNO



Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0452	B0452K	Commute to School - Commercial Boat	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0452	B0452L	Commute to School - Other	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0452	B0452M	Commute to School - Other - Specify	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
B0501	B0501A	Commute to School - Trip Time - Hours		_____ hours	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0501	B0501B	Commute to School - Trip Time - Minutes		_____ minutes	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0501	B0501C	Commute to School - Trip Time - Decimal Hours		Calculated	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2141	B2141	December - Travel 2001	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B2151	B2151A	December - Trip Length	1	Less than 50 miles	Num	8	TRIPLGTH
			2	50 to less than 200 miles			
			3	200 to less than 600 miles			
			4	600 to less than 1500 miles			
			5	1500 miles or more			
			6	Origin and destination			
			.D	Don't know			
			.R	Refused			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			.S	Appropriate skip			
B2151	B2151B	December - Trip Length - O/D	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
B2161	B2161A	December - Personal Vehicle	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2161	B2161B	December - Commercial Airline	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2161	B2161C	December - Train	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2161	B2161D	December - Bus	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2161	B2161E	December - Commercial Boat	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2161	B2161F	December - Cruise Ship	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2161	B2161G	December - Public Transit	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2161	B2161H	December - Other	1	Yes	Num	8	YESNO

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2161	B2161I	December - Other - Specify	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
SE0100	SE0100	Environment	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
SE0160	SE0160	Environment - Air Pollution	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
SE0165	SE0165	Environment - Noise Pollution	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
SE0170	SE0170	Environment - Water Pollution	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
SE0175	SE0175	Environment - Congestion	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
SE0180	SE0180	Environment - HAZMAT	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
SE0300	SE0300A	Environment - Primary Cause of Air Pollution	1	Power plants	Num	8	POLCAUSE
			2	SEMIS/LARGE trucks			
			3	Dust			
			4	Cars/SUVS/Pickups/Vans			
			5	Pollen			
			6	Factories			
			7	Commercial planes			
			8	Trains			
			9	Buses			
			10	Don't have air pollution where I live			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			11	Other			
			.D	Don't know			
			.R	Refused			
SE0300	SE0300B	Environment - Other Primary Cause of Air Pollution	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
SE0202	SE0202	Environment - Change Motor Oil	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
SE0205	SE0205	Environment - Change Motor Oil - Frequency			Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SE0210	SE0210A	Environment - Dispose of Used Oil	1	Took to an oil recycling collection center, gas or service station	Num	8	OILDISP
			2	Poured down a drain outdoors (storm drain, backyard drain)			
			3	Poured down a drain indoors (workshop drain, sink, garbage disposal)			
			4	Put in with the garbage/trash			
			5	Poured it on the ground			
			6	Released it in the water			
			7	Other			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SE0210	SE0210B	Environment - Dispose of Used Oil - Other	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
SE0215	SE0215A	Environment - Recycling Collection Center	1	Never heard of recycling used oil	Num	8	RECYCLE
			2	No recycling center in my town/area			
			3	Don't know where a recycling center is			
			4	Recycling location not convenient			
			5	Recycling hours not convenient			
			6	Recycling center charges to dispose of used oil			
			7	Other			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SE0215	SE0215B	Environment - Recycling Collection Center - Other	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
MNH0510	MNH0510	Driving	1	Yes	Num	8	YESNO
			2	No			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			.D	Don't know			
			.R	Refused			
MNH0520	MNH0520	Driving at Night - Glare - Oncoming Vehicle	1	Not noticeable - none	Num	8	GLARE
			2	Barely noticeable			
			3	Noticeable but acceptable			
			4	Disturbing			
			5	Caused crash or near miss			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
MNH0540	MNH0540	Driving at Night - Glare - Vehicle Behind	1	Not noticeable - none	Num	8	GLARE
			2	Barely noticeable			
			3	Noticeable but acceptable			
			4	Disturbing			
			5	Caused crash or near miss			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
MNH0560	MNH0560	Driving During the Day - Glare - Other Vehicles	1	Not noticeable - none	Num	8	GLARE
			2	Barely noticeable			
			3	Noticeable but acceptable			
			4	Disturbing			
			5	Caused crash or near miss			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
MNH0580	MNH0580	Crash	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
MNH0600	MNH0600	Near Miss	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
MCG0101	MCG0101	Coast Guard	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
MCG0160	MCG0160	Coast Guard - Service or Activity	Text	Verbatim response	Char	250	\$TEXTVAR

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			.D	Don't know			
MCG0161	MCG0161	Coast Guard - Anything Else 1	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
MCG0162	MCG0162	Coast Guard - Other Service or Activity 1	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
MCG0163	MCG0163	Coast Guard - Anything Else 2	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
MCG0164	MCG0164	Coast Guard - Other Service or Activity 2	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
MCG0165	MCG0165	Coast Guard - Anything Else 3	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
MCG0166	MCG0166	Coast Guard - Other Service or Activity 3	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
D0061	D0061	Registered Vehicles		_____	Num	8	BEST
			.D	Don't know			
			.R	Refused			
D0101	D0101	Disability	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D0103	D0103	Disability - Other HH Members	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D0105	D0105	Disability - Nb of HH Members		_____	Num	8	BEST
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
D0106	D0106	Disability - Adaptive Equipment	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
D0107	D0107	Disability - Contact Again	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
D0251	D0251	Nb of People 18+ in HH		_____ people	Num	8	BEST
			.D	Don't know			
			.R	Refused			
D0300	D0300	Age Category	1	18 to 24 years	Num	8	AGE
			2	25 to 34			
			3	35 to 44			
			4	45 to 54			
			5	55 to 64			
			6	65 to 74			
			7	75 or older			
			.D	Don't know			
			.R	Refused			
D0350	D0350	Gender	1	Male	Num	8	GENDER
			2	Female			
			.D	Don't know			
			.R	Refused			
D0401	D0401A	Group - American Indian or Alaska Native	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D0401	D0401B	Group - Asian	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D0401	D0401C	Group - Black or African-American	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D0401	D0401D	Group - Hispanic or Latino	1	Yes	Num	8	YESNO
			2	No			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			.D	Don't know			
			.R	Refused			
D0401	D0401E	Group - Native Hawaiian or other Pacific Islander	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D0401	D0401F	Group - White	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D0401	D0401G	Group - Other	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D0401	D0401H	Group - Other - Specify	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
D0450	D0450	Education Level	1	Less than high school graduate	Num	8	EDUC
			2	High school graduate (or GED)			
			3	Some college (or technical vocational school/professional business school)			
			4	Two-year college degree (AA: Associate in Arts)			
			5	Four-year college degree (BA or BS: Bachelor of Arts of Science degree)			
			6	Graduate degree (Masters, PhD., Lawyer, Medical Doctor)			
			.D	Don't know			
			.R	Refused			
D0501	D0501	HH Income	1	Under \$15,000	Num	8	INCOME
			2	From \$15,000 to less than \$30,000			
			3	From \$30,000 to less than \$50,000			
			4	From \$50,000 to less than \$75,000			
			5	From \$75,000 to less than \$100,000			
			6	\$100,000 or more			
			.D	Don't know			
			.R	Refused			
D0552	D0552	Additional Phone Lines - Number	0	One	Num	8	ADDPHONE
			1	Two			
			2	Three			
			3	Four or more			
			4	Don't know			
			.R	Refused			



Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
D0751	D0751	Additional Phone Lines - Primary Use	1	Household use only	Num	8	ADPHOUSE
			2	Business use only			
			3	Both household and business use			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
	BASEWGT	Base Weight			Num	8	BEST
	NR_FACT	Nonresponse Adjustment Factor			Num	8	BEST
	PER_FACT	Adjustment for Nb of Eligible HH Members			Num	8	BEST
	PHN_FACT	Multiple Phone Lines Adjustment Factor			Num	8	BEST
	CEN_FACT	Census Population Adjustment Factor			Num	8	BEST
	WD_FACT	Weighted Deflation Adjustment Factor			Num	8	BEST
	FNLWGT	Final Weight			Num	8	BEST

**OMNIBUS HOUSEHOLD SURVEY RESULTS**  
**Marginal Frequency Distributions with Percentages and Standard Errors**

Survey period: January 05, 2002 – January 14, 2002

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
Section G – General Transportation Core Questions				
G0103	<b>During December, did you drive or ride in a <u>personal vehicle</u>?</b>			
	Yes	1,099	193,015,848	96.17 ( 0.676 )
	No	43	7,690,852	3.83 ( 0.676 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	
G0851A	<b>How many days did you drive or ride?</b>			
	Count	1,093	192,025,970	
	Mean	25.591	25.818	
	Standard deviation	8.115	0.262	
	Minimum	1	1	
	25th percentile	20	22	
	Median	30	30	
	75th percentile	31	31	
	Maximum	31	31	
G0150	<b>During December, did you drive or ride in an <u>organized carpool or vanpool</u>?</b>			
	Yes	66	13,985,360	6.97 ( 0.927 )
	No	1,075	186,664,362	93.03 ( 0.927 )
	Subtotal valid responses	1,141	200,649,722	100
	Don't know	1	56,978	
	Refused	0	0	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0851B	<b>How many days did you drive or ride?</b>			
	Count	66	13,985,360	
	Mean	10.227	11.088	
	Standard deviation	8.124	1.238	
	Minimum	1	1	
	25th percentile	4	4	
	Median	8	10	
	75th percentile	16	20	
	Maximum	31	31	
G0302	<b>During December, did you ride on any <u>public transit</u> within a city or metropolitan area? Examples of public transit include a bus, rapid rail (subway, surface or elevated), light rail, commuter bus or rail from suburb to city.</b>			
	Yes	148	27,884,879	13.89 ( 1.201 )
	No	994	172,821,821	86.11 ( 1.201 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	
G0851C	<b>How many days did you use it?</b>			
	Count	147	27,800,363	
	Mean	9.789	9.929	
	Standard deviation	9.828	0.9	
	Minimum	1	1	
	25th percentile	2	2	
	Median	5	5	
	75th percentile	20	20	
	Maximum	31	31	
G0801	<b>Is public transportation available in your area?</b>			
	Yes	616	109,987,660	64.92 ( 1.648 )
	No	358	59,445,544	35.08 ( 1.648 )
	Subtotal valid responses	974	169,433,204	100
	Don't know	20	3,388,617	
	Refused	0	0	
	Appropriate skip	148	27,884,879	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0842	<b>Is local public bus service available?</b>			
	Yes	681	123,769,311	90.86 ( 1.152 )
	No	72	12,452,127	9.14 ( 1.152 )
	Subtotal valid responses	753	136,221,438	100
	Don't know	11	1,651,101	
	Refused	0	0	
	Appropriate skip	378	62,834,161	
	Total	1,142	200,706,700	
G0843	<b>Did you ride public buses during December?</b>			
	Yes	82	15,125,153	64.04 ( 4.974 )
	No	44	8,493,082	35.96 ( 4.974 )
	Subtotal valid responses	126	23,618,235	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,016	177,088,465	
	Total	1,142	200,706,700	
G0804	<b>Is subway service available in your area?</b>			
	Yes	97	20,121,391	14.67 ( 1.526 )
	No	663	117,033,421	85.33 ( 1.526 )
	Subtotal valid responses	760	137,154,812	100
	Don't know	4	717,727	
	Refused	0	0	
	Appropriate skip	378	62,834,161	
	Total	1,142	200,706,700	
G0804A	<b>DOES RESPONDENT HAVE ANY COMMENT?</b>			
	YES	10	2,185,883	1.59 ( 0.543 )
	NO	754	135,686,656	98.41 ( 0.543 )
	Subtotal valid responses	764	137,872,539	100
	Appropriate skip	378	62,834,161	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0845	<b>Did you ride the subway during December?</b>			
	Yes	33	6,527,030	75.33 ( 6.970 )
	No	12	2,137,924	24.67 ( 6.970 )
	Subtotal valid responses	45	8,664,954	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,097	192,041,746	
	Total	1,142	200,706,700	
G0895	<b>Has your subway usage changed in any way as a result of the events of September 11th and subsequent events?</b>			
	Yes	17	3,547,473	18.24 ( 4.300 )
	No	77	15,899,127	81.76 ( 4.300 )
	Subtotal valid responses	94	19,446,600	100
	Don't know	3	674,790	
	Refused	0	0	
	Appropriate skip	1,045	180,585,310	
	Total	1,142	200,706,700	
G0896	<b>As a result of the events of September 11th and subsequent events, are you riding the subway more, riding the subway less, or has the amount of your subway usage remained about the same?</b>			
	More	1	177,504	5.00 ( 4.929 )
	Less	7	1,312,668	37.00 ( 11.911 )
	Remained about the same	9	2,057,301	57.99 ( 12.312 )
	Subtotal valid responses	17	3,547,473	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,125	197,159,227	
	Total	1,142	200,706,700	
G0897	<b>As a result of the events of September 11th and subsequent events, have you changed the time of day you travel on the subway?</b>			
	Yes	4	634,003	17.87 ( 8.795 )
	No	13	2,913,470	82.13 ( 8.795 )
	Subtotal valid responses	17	3,547,473	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,125	197,159,227	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0898	<b>As a result of the events of September 11th and subsequent events, have you changed the routes you travel on the subway?</b>			
	Yes	8	1,599,911	45.10 ( 12.646 )
	No	9	1,947,562	54.90 ( 12.646 )
	Subtotal valid responses	17	3,547,473	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,125	197,159,227	
	Total	1,142	200,706,700	
G0818	<b>Is light rail such as streetcars or trolleys available in your area?</b>			
	Yes	120	23,271,416	16.97 ( 1.579 )
	No	639	113,844,163	83.03 ( 1.579 )
	Subtotal valid responses	759	137,115,579	100
	Don't know	5	756,960	
	Refused	0	0	
	Appropriate skip	378	62,834,161	
	Total	1,142	200,706,700	
G0818A	<b>DOES RESPONDENT HAVE ANY COMMENT?</b>			
	YES	10	1,400,663	1.02 ( 0.348 )
	NO	754	136,471,876	98.98 ( 0.348 )
	Subtotal valid responses	764	137,872,539	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	378	62,834,161	
	Total	1,142	200,706,700	
G0816	<b>Did you ride any type of light rail during December?</b>			
	Yes	15	2,836,315	50.24 ( 10.810 )
	No	12	2,809,115	49.76 ( 10.810 )
	Subtotal valid responses	27	5,645,430	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,015	195,061,270	
	Total	1,042	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0873	<b>Are any other types of local rapid rail such as elevated trains available in your area?</b>			
	Yes	58	10,349,992	8.91 ( 1.228 )
	No	602	105,821,724	91.09 ( 1.228 )
	Subtotal valid responses	660	116,171,716	100
	Don't know	7	1,579,432	
	Refused	0	0	
	Appropriate skip	475	82,955,552	
	Total	1,142	200,706,700	
G0873A	<b>DOES RESPONDENT HAVE ANY COMMENT?</b>			
	YES	16	2,648,656	2.25 ( 0.584 )
	NO	651	115,102,492	97.75 ( 0.584 )
	Subtotal valid responses	667	117,751,148	100
	Appropriate skip	475	82,955,552	
	Total	1,142	200,706,700	
G0874	<b>Did you ride any other types of rapid rail during December?</b>			
	Yes	5	871,253	35.08 ( 14.525 )
	No	7	1,612,432	64.92 ( 14.525 )
	Subtotal valid responses	12	2,483,685	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1130	198,223,015	
	Total	1,142	200,706,700	
G0846	<b>Is local commuter rail service from suburb to city available in your area? (Neither subways nor light rail nor AMTRAK is commuter rail.)</b>			
	Yes	237	46,766,784	34.80 ( 2.003 )
	No	504	87,634,438	65.20 ( 2.003 )
	Subtotal valid responses	741	134,401,222	100
	Don't know	23	3,471,317	
	Refused	0	0	
	Appropriate skip	378	62,834,161	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0846A	<b>DOES RESPONDENT HAVE ANY COMMENT?</b>			
	YES	9	1,463,376	1.06 ( 0.368 )
	NO	755	136,409,163	98.94 ( 0.368 )
	Subtotal valid responses	764	137,872,539	100
	Appropriate skip	378	62,834,161	
	Total	1,142	200,706,700	
G0847	<b>Did you ride the commuter rail during December?</b>			
	Yes	31	6,140,520	50.95 ( 7.092 )
	No	30	5,912,111	49.05 ( 7.092 )
	Subtotal valid responses	61	12,052,631	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,081	188,654,069	
	Total	1,142	200,706,700	
G0877	<b>Is commuter or express bus service such as park-and-rides available in your area?</b>			
	Yes	430	79,331,056	61.24 ( 2.059 )
	No	281	50,201,771	38.76 ( 2.059 )
	Subtotal valid responses	711	129,532,827	100
	Don't know	53	8,339,712	
	Refused	0	0	
	Appropriate skip	378	62,834,161	
	Total	1,142	200,706,700	
G0877A	<b>DOES RESPONDENT HAVE ANY COMMENT?</b>			
	YES	17	2,814,575	2.04 ( 0.613 )
	NO	747	135,057,964	97.96 ( 0.613 )
	Subtotal valid responses	764	137,872,539	100
	Appropriate skip	378	62,834,161	
	Total	1,142	200,706,700	



Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0878	<b>Did you use commuter or express bus service during December?</b>			
	Yes	19	3,922,198	24.61 ( 5.295 )
	No	68	12,018,428	75.39 ( 5.295 )
	Subtotal valid responses	87	15,940,626	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,055	184,766,074	
	Total	1,142	200,706,700	
G0810A	<b>Please tell me the <u>main</u> reason you did not use public transit last month.</b>			
	Prefer my own vehicle	147	27,981,301	25.47 ( 2.064 )
	I am retired/not working/not in school	28	4,738,743	4.31 ( 0.875 )
	Need to make multiple stops to/from work/school	5	773,978	0.70 ( 0.334 )
	Don't understand/know routes and schedules	10	1,603,636	1.46 ( 0.508 )
	Not convenient (doesn't go where I need to)	268	46,325,608	42.17 ( 2.242 )
	Not flexible (doesn't go when I need to)	36	5,855,062	5.33 ( 1.021 )
	Takes too much time	27	5,880,984	5.35 ( 1.181 )
	Distance from home to stops is too great	19	3,753,097	3.42 ( 0.882 )
	Uncomfortable riding with strangers	5	1,092,150	0.99 ( 0.505 )
	Costs too much	6	1,017,481	0.93 ( 0.464 )
	Unreliable	2	420,008	0.38 ( 0.302 )
	Unsafe	9	1,730,949	1.58 ( 0.573 )
	Health/disability/physical limitations	15	2,128,356	1.94 ( 0.539 )
	Other	38	6,565,233	5.98 ( 1.012 )
	Subtotal valid responses	615	109,866,586	100
	Don't know	0	0	
	Refused	1	121,073	
	Appropriate skip	526	90,719,041	
	Total	1,142	200,706,700	
G0201	<b>During December, did you ride on a city-to-city <u>bus</u>, such as Greyhound?</b>			
	Yes	16	2,208,702	1.10 ( 0.300 )
	No	1126	198,497,998	98.90 ( 0.300 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0851D	<b>How many days did you ride on it?</b>			
	Count	16	2,208,702	
	Mean	2.563	3.202	
	Standard deviation	2.097	0.714	
	Minimum	1	1	
	25th percentile	1	2	
	Median	2	2	
	75th percentile	2.5	4	
	Maximum	8	8	
G0902B	<b>And of <u>these days</u>, how many were for business or work?</b>			
	Count	16	2,208,702	
	Mean	0.875	1.175	
	Standard deviation	1.586	0.562	
	Minimum	0	0	
	25th percentile	0	0	
	Median	0	0	
	75th percentile	1.5	2	
	Maximum	5	5	
G0251	<b>During December, did you ride on a city-to-city <u>train</u>, such as AMTRAK?</b>			
	Yes	20	3,664,319	1.83 ( 0.435 )
	No	1,122	197,042,381	98.17 ( 0.435 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	
G0851E	<b>How many days did you ride on it?</b>			
	Count	20	3,664,319	
	Mean	3.550	3.995	
	Standard deviation	4.224	1.379	
	Minimum	1	1	
	25th percentile	2	1	
	Median	2	2	
	75th percentile	4	4	
	Maximum	20	20	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0902C	<b>And of these days, how many were for business or work?</b>			
	Count	20	3,664,319	
	Mean	1.900	2.262	
	Standard deviation	4.494	1.462	
	Minimum	0	0	
	25th percentile	0	0	
	Median	0	0	
	75th percentile	2	2	
	Maximum	20	20	
G0880	<b>In your area, do you have long distance city-to-city train service such as AMTRAK?</b>			
	Yes	548	101,458,353	53.65 ( 1.667 )
	No	528	87,635,746	46.35 ( 1.667 )
	Subtotal valid responses	1,076	189,094,099	100
	Don't know	46	7,948,282	
	Refused	0	0	
	Appropriate skip	20	3,664,319	
	Total	1,142	200,706,700	
G0882	<b>Is long distance HIGH SPEED city-to-city train service such as AMTRAK's Acela train service available in your area?</b>			
	Yes	233	46,178,437	52.81 ( 2.643 )
	No	228	41,262,853	47.19 ( 2.643 )
	Subtotal valid responses	461	87,441,290	100
	Don't know	107	17,681,382	
	Refused	0	0	
	Appropriate skip	574	95,584,028	
	Total	1,142	200,706,700	
G0827	<b>Have you ever used AMTRAK's HIGH SPEED Acela train service?</b>			
	Yes	51	10,439,151	22.65 ( 3.288 )
	No	181	35,647,294	77.35 ( 3.288 )
	Subtotal valid responses	232	46,086,445	100
	Don't know	1	91,993	
	Refused	0	0	
	Appropriate skip	909	154,528,262	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0831A	<b>What is the main reason you have not used AMTRAK's HIGH SPEED Acela train service?</b>			
	Cost	12	2,324,679	6.55 ( 2.010 )
	Does not go where I want to go	40	7,331,293	20.66 ( 3.267 )
	Schedule not convenient	9	1,321,651	3.72 ( 1.382 )
	Takes too long	4	434,592	1.22 ( 0.673 )
	Prefer to drive	31	7,165,165	20.19 ( 3.724 )
	Prefer to fly	19	4,527,585	12.76 ( 3.021 )
	Do not travel	44	8,378,264	23.61 ( 3.510 )
	Other	21	4,003,240	11.28 ( 2.555 )
	Subtotal valid responses	180	35,486,469	100
	Don't know	2	252,817	
	Refused	0	0	
	Appropriate skip	960	164,967,414	
	Total	1,142	200,706,700	
G0350	<b>During December, did you fly on a commercial airline?</b>			
	Yes	115	17,171,228	8.56 ( 0.867 )
	No	1,027	183,535,472	91.44 ( 0.867 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	
G0851F	<b>How many days did you fly on a commercial airline?</b>			
	Count	115	17,171,228	
	Mean	2.661	2.606	
	Standard deviation	1.928	0.192	
	Minimum	1	1	
	25th percentile	2	2	
	Median	2	2	
	75th percentile	3	3	
	Maximum	12	12	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0902D	<b>And of <u>these days</u>, how many were for business or work?</b>			
	Count	115	17,171,228	
	Mean	1.235	1.241	
	Standard deviation	2.311	0.236	
	Minimum	0	0	
	25th percentile	0	0	
	Median	0	0	
	75th percentile	2	2	
	Maximum	12	12	
G0401	<b>During December, did you fly on a <u>charter, private, or corporate airplane or helicopter</u>?</b>			
	Yes	14	1,976,201	0.99 ( 0.294 )
	No	1,127	198,482,480	99.01 ( 0.294 )
	Subtotal valid responses	1,141	200,458,681	100
	Don't know	1	248,019	
	Refused	0	0	
	Total	1,142	200,706,700	
G0851G	<b>How many days did you fly on a <u>charter, private, or corporate airplane or helicopter</u>?</b>			
	Count	14	1,976,201	
	Mean	2.071	1.967	
	Standard deviation	0.730	0.168	
	Minimum	1	1	
	25th percentile	2	2	
	Median	2	2	
	75th percentile	2	2	
	Maximum	4	4	
G0902E	<b>And of <u>these days</u>, how many were for business or work?</b>			
	Count	14	1,976,201	
	Mean	1.214	1.094	
	Standard deviation	1.251	0.297	
	Minimum	0	0	
	25th percentile	0	0	
	Median	1.5	1	
	75th percentile	2	2	
	Maximum	4	4	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0452	<b>During December, did you drive or ride on a <u>motorcycle</u>, including a motorized scooter, or a motorized bicycle (such as a moped) or an ATV?</b>			
	Yes	69	12,808,993	6.38 ( 0.830 )
	No	1,073	187,897,707	93.62 ( 0.830 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	
G0851H	<b>How many days did you drive or ride one of these vehicles?</b>			
	Count	69	12,808,993	
	Mean	4.507	4.248	
	Standard deviation	4.594	0.505	
	Minimum	1	1	
	25th percentile	2	2	
	Median	3	2	
	75th percentile	5	5	
	Maximum	22	22	
G0501	<b>During December, did you ride a <u>bicycle</u>? Please do not include stationary bicycles.</b>			
	Yes	131	24,017,697	11.97 ( 1.081 )
	No	1,011	176,689,003	88.03 ( 1.081 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	
G0851I	<b>How many days did you ride your bicycle?</b>			
	Count	131	24,017,697	
	Mean	5.916	6.052	
	Standard deviation	6.431	0.639	
	Minimum	1	1	
	25th percentile	2	2	
	Median	3	3	
	75th percentile	7	6	
	Maximum	31	31	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0952A	<b>Primarily for what purpose did you use it?</b>			
	Commuting to work or school	4	707,002	2.94 ( 1.669 )
	Recreation	67	11,267,201	46.91 ( 4.805 )
	Exercise/for my health	45	8,734,552	36.37 ( 4.694 )
	Personal errands (to the store, post office, and so on)	11	2,218,049	9.24 ( 2.797 )
	Required for my job	2	376,629	1.57 ( 1.113 )
	Some other purpose	2	714,264	2.97 ( 2.591 )
	Subtotal valid responses	131	24,017,697	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,011	176,689,003	
	Total	1,142	200,706,700	
G1001C	<b>And on a typical day that you rode your bicycle, about how much time did you spend bicycling?</b>			
	Count	131	24,017,697	
	Mean	1.044	1.013	
	Standard deviation	1.037	0.099	
	Minimum	0.033	0.033	
	25th percentile	0.5	0.5	
	Median	0.75	0.75	
	75th percentile	1	1	
	Maximum	8	8	
G1051A	<b>Did you bicycle mostly on:</b>			
	Paved roads, not on shoulder	59	10,278,723	42.80 ( 4.703 )
	Shoulders of paved roads	21	4,720,608	19.65 ( 4.302 )
	Bike lanes on roads	5	766,437	3.19 ( 1.453 )
	Sidewalks	9	1,728,462	7.20 ( 2.516 )
	Bike paths, walking paths or trails	27	4,596,639	19.14 ( 3.796 )
	Unpaved roads (for example dirt, gravel, sand)	7	1,301,903	5.42 ( 2.213 )
	Grass	1	205,594	0.86 ( 0.853 )
	Other	2	419,331	1.75 ( 1.227 )
	Subtotal valid responses	131	24,017,697	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,011	176,689,003	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0551	<b>During December, did you <u>walk, run, or jog</u> at least one time outside for 10 minutes or more?</b>			
	Yes	807	141,922,398	70.71 ( 1.514 )
	No	335	58,784,302	29.29 ( 1.514 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	
G0851J	<b>How many days did you walk, run or jog?</b>			
	Count	802	140,901,169	
	Mean	12.286	12.555	
	Standard deviation	9.048	0.378	
	Minimum	1	1	
	25th percentile	5	5	
	Median	10	10	
	75th percentile	20	20	
	Maximum	31	31	
G1102A	<b><u>Primarily</u> for what purpose did you walk, run, or jog?</b>			
	Commuting to work or school	32	5,537,883	3.91 ( 0.762 )
	Recreation	121	21,624,049	15.28 ( 1.420 )
	Exercise/for my health	467	80,397,862	56.82 ( 1.990 )
	Personal errands (to the store, post office, walking the dog, and so on)	147	27,178,130	19.21 ( 1.621 )
	Required for my job	34	6,363,093	0.27 ( 0.151 )
	Some other purpose	4	387,218	4.50 ( 0.846 )
	Subtotal valid responses	805	141,488,235	100
	Don't know	2	434,163	
	Refused	0	0	
	Appropriate skip	335	58,784,302	
	Total	1,142	200,706,700	



Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G1151C	<b>And on a typical day that you walked, ran, or jogged, about how much time did you spend walking, running, or jogging?</b>			
	Count	803	141,331,159	
	Mean	0.864	0.895	
	Standard deviation	1.319	0.055	
	Minimum	0.167	0.167	
	25th percentile	0.333	0.333	
	Median	0.5	0.5	
	75th percentile	1	1	
	Maximum	20	20	
G1202A	<b>Did you walk, run, or jog mostly on:</b>			
	Paved roads, not on shoulder	186	30,569,024	21.57 ( 1.598 )
	Shoulders of paved roads	96	17,782,157	12.55 ( 1.374 )
	Bike lanes on roads	4	600,004	0.42 ( 0.248 )
	Sidewalks	311	57,171,554	40.34 ( 1.960 )
	Bike paths, walking paths or trails	86	15,645,581	11.04 ( 1.300 )
	Unpaved roads (for example dirt, gravel, sand)	62	10,339,496	7.30 ( 0.999 )
	Track	23	3,596,659	2.54 ( 0.570 )
	Grass	37	5,768,531	4.07 ( 0.709 )
	Other	1	236,708	0.17 ( 0.167 )
	Subtotal valid responses	806	141,709,714	100
	Don't know	1	212,684	
	Refused	0	0	
	Appropriate skip	335	58,784,302	
	Total	1,142	200,706,700	
G0555	<b>During December, did you ride as a passenger on a <u>cruise ship</u>?</b>			
	Yes	2	158,449	0.08 ( 0.062 )
	No	1,140	200,548,251	99.92 ( 0.062 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0601	<b>During December, did you ride on a <u>commercial boat, ship or ferry</u>?</b>			
	Yes	23	3,556,554	1.77 ( 0.394 )
	No	1,119	197,150,146	98.23 ( 0.394 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	
G0851K	<b>How many days did you ride on a <u>commercial boat, ship, ferry</u>?</b>			
	Count	23	3,556,554	
	Mean	1.913	0.912	
	Standard deviation	1.203	0.263	
	Minimum	1	1	
	25th percentile	1	1	
	Median	2	2	
	75th percentile	2	2	
	Maximum	5	5	
G0651	<b>During December, did you operate or ride on a <u>personal watercraft</u> such as a jetski or skidoo?</b>			
	Yes	7	1,326,156	0.66 ( 0.262 )
	No	1,135	199,380,544	99.34 ( 0.262 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	
G0851L	<b>How many days did you operate or ride on a <u>personal watercraft</u>?</b>			
	Count	7	1,326,156	
	Mean	3.429	4.359	
	Standard deviation	3.867	1.930	
	Minimum	1	1	
	25th percentile	1	1	
	Median	2	3	
	75th percentile	3	3	
	Maximum	12	12	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G1251C	<b>In total, about how much time did you spend using personal watercraft last month?</b>			
	Count	7	1,326,156	
	Mean	22	29.977	
	Standard deviation	30.941	15	
	Minimum	4	4	
	25th percentile	4	6	
	Median	8	18	
	75th percentile	24	24	
	Maximum	90	90	
G0701	<b>During December, did you operate or ride in a <u>recreational boat</u> such as a sailboat, motorboat, or yacht?</b>			
	Yes	35	5,838,458	2.91 ( 0.567 )
	No	1,107	194,868,242	97.09 ( 0.567 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	
G0851M	<b>How many days did you operate or ride in a recreational boat?</b>			
	Count	35	5,838,458	
	Mean	3	3.167	
	Standard deviation	2.275	0.473	
	Minimum	1	1	
	25th percentile	1	1	
	Median	2	2	
	75th percentile	4	5	
	Maximum	10	10	
G1258C	<b>In total, about how much time did you spend using a recreational boat last month?</b>			
	Count	34	5,803,898	
	Mean	10.853	11.234	
	Standard deviation	10.790	2.104	
	Minimum	1	1	
	25th percentile	3	3	
	Median	6	6	
	75th percentile	15	15	
	Maximum	40	40	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
G0750	<b>During December, did you use <u>any other means of transportation</u>? For example a taxi, limousine, charter or tour bus, hotel or airport shuttle.</b>			
	Yes	176	28,526,996	14.21 ( 1.163 )
	No	966	172,179,704	85.79 ( 1.163 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	
G0851N	<b>How many days did you use other means of transportation?</b>			
	Count	176	28,526,996	
	Mean	3.869	4.171	
	Standard deviation	4.443	0.428	
	Minimum	1	1	
	25th percentile	1	3	
	Median	2	6	
	75th percentile	4.5	15	
	Maximum	31	31	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
<b>Section B – BTS Topical Transportation Questions</b>				
B0102	<b>Last month did you commute, that is, travel routinely from home to work or to attend school?</b>			
	Yes	717	129,890,667	64.72 ( 1.603 )
	No	425	70,816,033	35.28 ( 1.603 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	
B0152	<b>Altogether, about how many days did you commute last month?</b>			
	29-31 days/month	94	18,184,819	14.10 ( 1.526 )
	22-28 days/month	166	30,374,218	23.55 ( 1.795 )
	15-21 days/month	376	67,330,879	52.21 ( 2.107 )
	8-14 days/month	55	9,915,806	7.69 ( 1.113 )
	1-7 days/month	22	3,150,133	2.44 ( 0.558 )
	Subtotal valid responses	713	128,955,855	100
	Don't know	2	671,514	
	Refused	2	263,298	
	Appropriate skip	425	70,816,033	
	Total	1,142	200,706,700	
B0201	<b>Did you commute from home to work, to school, or both?</b>			
	To work	616	109,657,001	84.89 ( 1.567 )
	To school	26	5,532,593	4.28 ( 0.918 )
	Both to work and to school	73	13,992,346	10.83 ( 1.350 )
	Subtotal valid responses	715	129,181,940	100
	Don't know	2	708,727	
	Refused	0	0	
	Appropriate skip	425	70,816,033	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
B0251A	<b>Which statement best describes your most frequent commuting pattern:</b>			
	You go to work and to school on different days	11	2,208,119	15.78 ( 4.641 )
	You go to work, then directly to school	18	3,724,473	26.62 ( 6.186 )
	You go to work, then home, then to school	15	2,282,467	16.31 ( 4.273 )
	You go to school, then directly to work	11	1,962,363	14.02 ( 4.475 )
	You go to school, then home, then to work	14	3,210,113	22.94 ( 5.885 )
	Something else	4	604,811	4.32 ( 2.172 )
	Subtotal valid responses	73	13,992,346	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,069	186,714,354	
	Total	1,142	200,706,700	
B0302	<b>To get to work on a typical day last month, what are all the types of transportation you used? Anything else?</b>			
B0302A	Personal vehicle			
	Yes	649	115,417,348	93.48 ( 1.178 )
	No	39	8,053,605	6.52 ( 1.178 )
	Subtotal valid responses	688	123,470,953	100
	Don't know	1	178,394	
	Refused	0	0	
	Appropriate skip	453	77,057,353	
	Total	1,142	200,706,700	
B0302B	Organized carpool or vanpool			
	Yes	8	2,554,685	2.07 ( 0.789 )
	No	680	120,916,268	97.93 ( 0.789 )
	Subtotal valid responses	688	123,470,953	100
	Don't know	1	178,394	
	Refused	0	0	
	Appropriate skip	453	77,057,353	
	Total	1,142	200,706,700	
B0302C	City-to-city bus			
	Yes	4	652,178	0.53 ( 0.277 )
	No	684	122,818,775	99.47 ( 0.277 )
	Subtotal valid responses	688	123,470,953	100
	Don't know	1	178,394	
	Refused	0	0	
	Appropriate skip	453	77,057,353	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
B0302D	City-to-city train			
	Yes	3	418,971	0.34 ( 0.212 )
	No	685	123,051,982	99.66 ( 0.212 )
	Subtotal valid responses	688	123,470,953	100
	Don't know	1	178,394	
	Refused	0	0	
	Appropriate skip	453	77,057,353	
	Total	1,142	200,706,700	
B0302E	Public transit within city or metropolitan area			
	Yes	48	9,416,966	7.63 ( 1.164 )
	No	640	114,053,987	92.37 ( 1.164 )
	Subtotal valid responses	688	123,470,953	100
	Don't know	1	178,394	
	Refused	0	0	
	Appropriate skip	453	77,057,353	
	Total	1,142	200,706,700	
B0302F	Commercial airplane			
	Yes	3	410,098	0.33 ( 0.202 )
	No	685	123,060,855	99.67 ( 0.202 )
	Subtotal valid responses	688	123,470,953	100
	Don't know	1	178,394	
	Refused	0	0	
	Appropriate skip	453	77,057,353	
	Total	1,142	200,706,700	
B0302G	Charter, private or corporate airplane			
	Yes	1	43,573	0.04 ( 0.035 )
	No	687	123,427,380	99.96 ( 0.035 )
	Subtotal valid responses	688	123,470,953	100
	Don't know	1	178,394	
	Refused	0	0	
	Appropriate skip	453	77,057,353	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
B0302H	Motorcycle, including motorized scooter or motorized bicycle			
	Yes	3	360,334	0.29 ( 0.173 )
	No	685	123,110,619	99.71 ( 0.173 )
	Subtotal valid responses	688	123,470,953	100
	Don't know	1	178,394	
	Refused	0	0	
	Appropriate skip	453	77,057,353	
	Total	1,142	200,706,700	
B0302I	Bicycle			
	Yes	5	1,070,468	0.87 ( 0.390 )
	No	683	122,400,485	99.13 ( 0.390 )
	Subtotal valid responses	688	123,470,953	100
	Don't know	1	178,394	
	Refused	0	0	
	Appropriate skip	453	77,057,353	
	Total	1,142	200,706,700	
B0302J	Walking, running, or jogging			
	Yes	27	4,883,493	3.96 ( 0.822 )
	No	661	118,587,460	96.04 ( 0.822 )
	Subtotal valid responses	688	123,470,953	100
	Don't know	1	178,394	
	Refused	0	0	
	Appropriate skip	453	77,057,353	
	Total	1,142	200,706,700	
B0302K	Commercial boat, ship or ferry			
	Yes	1	104,902	0.08 ( 0.085 )
	No	687	123,366,051	99.92 ( 0.085 )
	Subtotal valid responses	688	123,470,953	100
	Don't know	1	178,394	
	Refused	0	0	
	Appropriate skip	453	77,057,353	
	Total	1,142	200,706,700	



Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
B0302L	Other			
	Yes	11	1,455,342	1.18 ( 0.379 )
	No	677	122,015,611	98.82 ( 0.379 )
	Subtotal valid responses	688	123,470,953	100
	Don't know	1	178,394	
	Refused	0	0	
	Appropriate skip	453	77,057,353	
	Total	1,142	200,706,700	
B0310	<b>Did you work at the same location on most days?</b>			
	Yes	623	111,565,889	90.36 ( 1.286 )
	No	65	11,905,064	9.64 ( 1.286 )
	Subtotal valid responses	688	123,470,953	100
	Don't know	1	178,394	
	Refused	0	0	
	Appropriate skip	453	77,057,353	
	Total	1,142	200,706,700	
B0315	<b>Did you work at more than one location on a typical day?</b>			
	Yes	48	9,028,754	75.84 ( 5.760 )
	No	17	2,876,310	24.16 ( 5.760 )
	Subtotal valid responses	65	11,905,064	100
	Don't know	1	178,394	
	Refused	0	0	
	Appropriate skip	1,076	188,623,242	
	Total	1,142	200,706,700	
B0320C	<b>On a typical day, how much time did you spend traveling from worksite to worksite?</b>			
	Count	46	8,871,599	
	Mean	1.111	1.067	
	Standard deviation	0.864	0.131	
	Minimum	0.167	0.167	
	25th percentile	0.333	0.5	
	Median	1	1	
	75th percentile	2	1.5	
	Maximum	3	3	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
B0352C	<b>On a typical day, how much time did a one-way, door-to-door trip from home to work take?</b>			
	Count	639	114,354,931	
	Mean	0.409	0.410	
	Standard deviation	0.395	0.017	
	Minimum	0.033	0.033	
	25th percentile	0.167	0.167	
	Median	0.3	0.283	
	75th percentile	0.5	0.5	
	Maximum	4.5	4.5	
B0360	<b>Do you ever telecommute? That is, do you ever work at home for pay for your employer instead of working at the office? (This does not include taking work home at night or over the weekend.)</b>			
	Yes	103	15,991,768	8.19 ( 0.856 )
	No	1,013	179,182,339	91.81 ( 0.856 )
	Subtotal valid responses	1,116	195,174,107	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	26	5,532,593	
	Total	1,142	200,706,700	
B0361	<b>Do you telecommute occasionally, on a regular basis or fixed schedule, or full time?</b>			
	Occasionally	69	10,485,709	65.57 ( 5.175 )
	On a regular basis or fixed schedule	25	4,026,567	25.18 ( 4.748 )
	Full time	9	1,479,492	9.25 ( 3.189 )
	Subtotal valid responses	103	15,991,768	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,039	184,714,932	
	Total	1,142	200,706,700	
B0362	<b>About how many days did you telecommute in the past month?</b>			
	Count	101	15,823,982	
	Mean	7.099	7.508	
	Standard deviation	8.166	0.975	
	Minimum	0	0	
	25th percentile	2	2	
	Median	4	4	
	75th percentile	10	10	
	Maximum	31	31	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
B0365	<b>Do you ever work at a telework center or satellite office? That is, do you ever work at an office other than your regular office <u>TO REDUCE YOUR COMMUTE?</u></b>			
	Yes	18	2,648,049	2.13 ( 0.547 )
	No	673	121,710,026	97.87 ( 0.547 )
	Subtotal valid responses	691	124,358,075	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	451	76,348,625	
	Total	1,142	200,706,700	
B0366	<b>How often do you work at a telework center or satellite office? Would you say...</b>			
	Occasionally	9	1,403,192	52.99 ( 12.888 )
	On a regular basis or fixed schedule	8	1,087,310	41.06 ( 12.800 )
	Full time	1	157,547	5.95 ( 5.798 )
	Subtotal valid responses	18	2,648,049	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,124	198,058,651	
	Total	1,142	200,706,700	
B0368	<b>About how many days did you work at a telework center or satellite office in the past month?</b>			
	Count	17	2,473,685	
	Mean	7.353	5.857	
	Standard deviation	7.729	1.722	
	Minimum	0	0	
	25th percentile	2	1	
	Median	4	2	
	75th percentile	14	7	
	Maximum	25	25	
B0452	<b>To get to school on a typical day last month, what are all the types of transportation you used? Anything else?</b>			
B0452A	Personal vehicle			
	Yes	80	16,169,526	82.81 ( 4.192 )
	No	19	3,355,413	17.19 ( 4.192 )
	Subtotal valid responses	99	19,524,939	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,043	181,181,761	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
B0452B	Organized carpool or vanpool			
	Yes	1	228,700	1.17 ( 1.166 )
	No	98	19,296,239	98.83 ( 1.166 )
	Subtotal valid responses	99	19,524,939	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,043	181,181,761	
	Total	1,142	200,706,700	
B0452C	City-to-city bus			
	Yes	0	0	0.00 ( 0.000 )
	No	99	19,524,939	100.00 ( 0.000 )
	Subtotal valid responses	99	19,524,939	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,043	181,181,761	
	Total	1,142	200,706,700	
B0452D	City-to-city train			
	Yes	0	0	0.00 ( 0.000 )
	No	99	19,524,939	100.00 ( 0.000 )
	Subtotal valid responses	99	19,524,939	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,043	181,181,761	
	Total	1,142	200,706,700	
B0452E	Public transit within city or metropolitan area			
	Yes	12	1,913,650	9.80 ( 3.096 )
	No	87	17,611,289	90.20 ( 3.096 )
	Subtotal valid responses	99	19,524,939	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,043	181,181,761	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
B0452F	Commercial airplane			
	Yes	0	0	0.00 ( 0.000 )
	No	99	19,524,939	100.00 ( 0.000 )
	Subtotal valid responses	99	19,524,939	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,043	181,181,761	
	Total	1,142	200,706,700	
B0452G	Charter, private or corporate airplane			
	Yes	0	0	0.00 ( 0.000 )
	No	99	19,524,939	100.00 ( 0.000 )
	Subtotal valid responses	99	19,524,939	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,043	181,181,761	
	Total	1,142	200,706,700	
B0452H	Motorcycle, including motorized scooter or motorized bicycle			
	Yes	1	235,345	1.21 ( 1.200 )
	No	98	19,289,594	98.79 ( 1.200 )
	Subtotal valid responses	99	19,524,939	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,043	181,181,761	
	Total	1,142	200,706,700	
B0452I	Bicycle			
	Yes	2	432,952	2.22 ( 1.558 )
	No	97	19,091,987	97.78 ( 1.558 )
	Subtotal valid responses	99	19,524,939	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,043	181,181,761	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
B0452J	Walking, running, or jogging			
	Yes	15	3,090,183	15.83 ( 4.262 )
	No	84	16,434,755	84.17 ( 4.262 )
	Subtotal valid responses	99	19,524,939	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,043	181,181,761	
	Total	1,142	200,706,700	
B0452K	Commercial boat, ship or ferry			
	Yes	0	0	0.00 ( 0.000 )
	No	99	19,524,939	100.00 ( 0.000 )
	Subtotal valid responses	99	19,524,939	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,043	181,181,761	
	Total	1,142	200,706,700	
B0452L	Other			
	Yes	4	859,336	4.40 ( 2.440 )
	No	95	18,665,603	95.60 ( 2.440 )
	Subtotal valid responses	99	19,524,939	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	1,043	181,181,761	
	Total	1,142	200,706,700	
B0501C	<b>How much time did the door-to-door trip to school usually take, one way?</b>			
	Count	98	19,049,879	
	Mean	0.436	0.393	
	Standard deviation	0.422	0.340	
	Minimum	0.033	0.033	
	25th percentile	0.167	0.167	
	Median	0.25	0.25	
	75th percentile	0.583	0.5	
	Maximum	2.5	2.5	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
B2141	<b>Did you travel last month for the December holidays?</b>			
	Yes	463	80,284,838	40.00 ( 1.644 )
	No	679	120,421,862	60.00 ( 1.644 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	
B2151A	<b>About how far did you travel last month for the December holidays? Did you travel ...</b>			
	Less than 50 miles	106	20,312,555	25.37 ( 2.348 )
	50 to less than 200 miles	161	28,134,175	35.14 ( 2.512 )
	200 to less than 600 miles	116	19,325,580	24.13 ( 2.200 )
	600 to less than 1500 miles	48	8,515,210	10.63 ( 1.684 )
	1500 miles or more	27	3,176,266	3.97 ( 0.830 )
	Origin and destination	4	610,575	0.76 ( 0.400 )
	Subtotal valid responses	462	80,074,361	100
	Don't know	1	210,477	
	Refused	0	0	
	Appropriate skip	679	120,421,862	
	Total	1,142	200,706,700	
B2161	<b>Please tell me all the forms of transportation you used last month for your December holiday travel. Any other means?</b>			
B2161A	<b>Personal vehicle</b>			
	Yes	454	78,485,047	97.76 ( 0.798 )
	No	9	1,799,791	2.24 ( 0.798 )
	Subtotal valid responses	463	80,284,838	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	679	120,421,862	
	Total	1,142	200,706,700	
B2161B	<b>Commercial airline</b>			
	Yes	53	7,711,286	9.60 ( 1.490 )
	No	410	72,573,552	90.40 ( 1.490 )
	Subtotal valid responses	463	80,284,838	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	679	120,421,862	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
B2161C	City-to-city train			
	Yes	6	1,050,997	1.31 ( 0.589 )
	No	457	79,233,841	98.69 ( 0.589 )
	Subtotal valid responses	463	80,284,838	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	679	120,421,862	
	Total	1,142	200,706,700	
B2161D	City-to-city bus			
	Yes	3	401,906	0.50 ( 0.314 )
	No	460	79,882,932	99.50 ( 0.314 )
	Subtotal valid responses	463	80,284,838	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	679	120,421,862	
	Total	1,142	200,706,700	
B2161E	Commercial boat, ship or ferry			
	Yes	3	299,145	0.37 ( 0.218 )
	No	460	79,985,693	99.63 ( 0.218 )
	Subtotal valid responses	463	80,284,838	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	679	120,421,862	
	Total	1,142	200,706,700	
B2161F	Cruise ship			
	Yes	0	0	0.00 ( 0.000 )
	No	463	80,284,838	100.00 ( 0.000 )
	Subtotal valid responses	463	80,284,838	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	679	120,421,862	
	Total	1,142	200,706,700	



Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
B2161G	Public transit within city or metropolitan area			
	Yes	10	1,726,261	2.15 ( 0.760 )
	No	453	78,558,577	97.85 ( 0.760 )
	Subtotal valid responses	463	80,284,838	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	679	120,421,862	
	Total	1,142	200,706,700	
B2161H	Other			
	Yes	5	578,334	0.72 ( 0.341 )
	No	458	79,706,504	99.28 ( 0.341 )
	Subtotal valid responses	463	80,284,838	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	679	120,421,862	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
<b>Section SE - Strategic Goal Questions</b>				
SE0100	<b>Was transportation an important factor in choosing where you live?</b>			
	Yes	408	70,484,235	35.37 ( 1.607 )
	No	724	128,796,972	64.63 ( 1.607 )
	Subtotal valid responses	1,132	199,281,207	100
	Don't know	10	1,425,493	
	Refused	0	0	
	Total	1,142	200,706,700	
SE0150	<b>When thinking about your community in terms of the environment,</b>			
SE0160	Do you notice air pollution in your community that is caused by vehicle emissions?			
	Yes	315	56,148,653	28.27 ( 1.508 )
	No	814	142,492,668	71.73 ( 1.508 )
	Subtotal valid responses	1,129	198,641,321	100
	Don't know	12	1,867,060	
	Refused	1	198,319	
	Total	1,142	200,706,700	
SE0165	Do the sounds of traffic, trains, and airplanes cause noise pollution in your community?			
	Yes	403	71,088,576	35.57 ( 1.616 )
	No	733	128,783,989	64.43 ( 1.616 )
	Subtotal valid responses	1,136	199,872,565	100
	Don't know	5	729,703	
	Refused	1	104,432	
	Total	1,142	200,706,700	
SE0170	Is water pollution from transportation sources a problem in your community?			
	Yes	91	16,571,167	8.66 ( 0.990 )
	No	993	174,706,262	91.34 ( 0.990 )
	Subtotal valid responses	1,084	191,277,429	100
	Don't know	57	9,230,952	
	Refused	1	198,319	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
SE0175	Is traffic congestion a problem in your community?			
	Yes	521	93,219,698	46.72 ( 1.641 )
	No	615	106,304,798	53.28 ( 1.641 )
	Subtotal valid responses	1,136	199,524,496	100
	Don't know	6	1,182,204	
	Refused	0	0	
	Total	1,142	200,706,700	
SE0180	Are hazardous material incidents from transportation sources a problem in your community?			
	Yes	97	16,998,352	8.69 ( 0.961 )
	No	1,014	178,576,924	91.31 ( 0.961 )
	Subtotal valid responses	1,111	195,575,276	100
	Don't know	30	4,933,105	
	Refused	1	198,319	
	Total	1,142	200,706,700	
SE0300A	In your own words, what do you think is the <u>primary</u> cause of air pollution in your community?			
	Power plants	38	6,048,812	3.26 ( 0.569 )
	SEMIS/LARGE trucks	63	11,198,296	6.03 ( 0.825 )
	Dust	6	827,224	0.45 ( 0.197 )
	Cars/SUVS/Pickups/Vans	442	79,093,363	42.59 ( 1.719 )
	Pollen	1	198,870	0.11 ( 0.107 )
	Factories	153	28,317,517	15.25 ( 1.257 )
	Commercial planes	19	3,270,739	1.76 ( 0.463 )
	Trains	1	524,469	0.28 ( 0.282 )
	Buses	18	3,247,867	1.75 ( 0.464 )
	Don't have air pollution where I live	218	37,902,427	20.41 ( 1.401 )
	Other	90	15,065,428	8.11 ( 0.926 )
	Subtotal valid responses	1,049	185,695,012	100
	Don't know	91	14,645,149	
	Refused	2	366,539	
	Total	1,142	200,706,700	
SE0202	In the past year, did you yourself ever change the motor oil in any of your own vehicles, including an RV, private airplane, motorcycle, or recreational boat?			
	Yes	230	46,044,703	22.94 ( 1.490 )
	No	912	154,661,997	77.06 ( 1.490 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
SE0205	<b>In thinking about the vehicle on which you did this the <u>most frequently</u>, how many times did you change the motor oil this past year?</b>			
	Count	229	45,787,172	
	Mean	3.939	3.824	
	Standard deviation	2.748	0.184	
	Minimum	1	1	
	25th percentile	2	2	
	Median	3	3	
	75th percentile	5	5	
	Maximum	12	12	
SE0210A	<b>How did you usually dispose of the <u>used oil</u>?</b>			
	Took to an oil recycling collection center, gas or service station	179	36,711,083	80.76 ( 2.802 )
	Poured down a drain outdoors (storm drain, backyard drain)	0	0	0.00 ( 0.000 )
	Poured down a drain indoors (workshop drain, sink, garbage disposal)	3	684,592	1.51 ( 1.046 )
	Put in with the garbage/trash	8	898,381	1.98 ( 0.751 )
	Poured it on the ground	2	565,879	1.24 ( 0.879 )
	Released it in the water	0	0	0.00 ( 0.000 )
	Other	35	6,599,239	14.52 ( 2.493 )
	Subtotal valid responses	227	45,459,174	100
	Don't know	3	585,529	
	Refused	0	0	
	Appropriate skip	912	154,661,997	
	Total	1,142	200,706,700	
SE0215A	<b>What was the <u>main reason</u> you did not take the used oil to a recycling collection center?</b>			
	Never heard of recycling used oil	2	362,831	4.11 ( 2.927 )
	No recycling center in my town/area	7	1,312,143	14.88 ( 6.032 )
	Don't know where a recycling center is	7	1,441,021	16.34 ( 5.842 )
	Recycling location not convenient	3	444,371	5.04 ( 3.166 )
	Recycling hours not convenient	1	148,657	1.69 ( 1.681 )
	Recycling center charges to dispose of used oil	0	0	0.00 ( 0.000 )
	Other	27	5,108,407	57.94 ( 7.880 )
	Subtotal valid responses	47	8,817,430	100
	Don't know	4	516,190	
	Refused	0	0	
	Appropriate skip	1,091	191,373,080	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
Section M - Operating Administration Modal Questions				
MNH0510	<b>Have you driven a vehicle in the last twelve months?</b>			
	Yes	1,058	187,672,223	93.51 ( 0.788 )
	No	84	13,034,477	6.49 ( 0.788 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	
MNH0520	<b>In the last 12 months, while driving at night, has the glare from the headlights of an <i>oncoming</i> vehicle been not noticeable, barely noticeable, noticeable but acceptable, disturbing, or did it cause a crash or near miss?</b>			
	Not noticeable - none	65	12,136,844	6.66 ( 0.928 )
	Barely noticeable	48	7,961,915	4.37 ( 0.682 )
	Noticeable but acceptable	566	100,996,051	55.39 ( 1.763 )
	Disturbing	337	59,704,032	32.74 ( 1.643 )
	Caused crash or near miss	6	1,541,355	0.85 ( 0.387 )
	Subtotal valid responses	1,022	182,340,197	100
	Don't know	30	4,155,999	
	Refused	6	1,176,027	
	Appropriate skip	84	13,034,477	
	Total	1,142	200,706,700	
MNH0540	<b>In the last 12 months, while driving at night, has the glare from the headlights of a vehicle <i>behind you</i> been not noticeable, barely noticeable, noticeable but acceptable, disturbing, or did it cause a crash or near miss?</b>			
	Not noticeable - none	77	13,583,313	7.39 ( 0.942 )
	Barely noticeable	83	13,684,573	7.44 ( 0.878 )
	Noticeable but acceptable	536	98,772,440	53.71 ( 1.759 )
	Disturbing	332	57,359,948	31.19 ( 1.617 )
	Caused crash or near miss	3	491,602	0.27 ( 0.167 )
	Subtotal valid responses	1,031	183,891,876	100
	Don't know	25	3,271,065	
	Refused	2	509,282	
	Appropriate skip	84	13,034,477	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
MNH0560	<b>In the last 12 months, while driving during the day, has the glare from the daytime running lights on other vehicles been not noticeable, barely noticeable, noticeable but acceptable, disturbing, or did it cause a crash or near miss?</b>			
	Not noticeable - none	363	63,756,440	34.04 ( 1.645 )
	Barely noticeable	254	44,468,422	23.74 ( 1.476 )
	Noticeable but acceptable	411	73,399,610	39.19 ( 1.716 )
	Disturbing	27	5,685,864	3.04 ( 0.696 )
	Caused crash or near miss	0	0	0.00 ( 0.000 )
	Subtotal valid responses	1,055	187,310,336	100
	Don't know	3	361,887	
	Refused	0	0	
	Appropriate skip	84	13,034,477	
	Total	1,142	200,706,700	
MNH0580	<b>In the last 12 months, have you been involved in a crash in a vehicle where you were the driver?</b>			
	Yes	78	13,603,782	7.25 ( 0.916 )
	No	980	174,068,441	92.75 ( 0.916 )
	Subtotal valid responses	1,058	187,672,223	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	84	13,034,477	
	Total	1,142	200,706,700	
MNH0600	<b>In the last 12 months, have you been involved in a near miss in a vehicle where you were the driver?</b>			
	Yes	240	43,109,091	23.03 ( 1.462 )
	No	816	144,079,245	76.97 ( 1.462 )
	Subtotal valid responses	1,056	187,188,336	100
	Don't know	2	483,887	
	Refused	0	0	
	Appropriate skip	84	13,034,477	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
MCG0101	<b>Do you know what the Coast Guard does?</b>			
	Yes	957	166,879,502	83.69 ( 1.278 )
	No	177	32,511,532	16.31 ( 1.278 )
	Subtotal valid responses	1,134	199,391,034	100
	Don't know	8	1,315,666	
	Refused	0	0	
	Total	1,142	200,706,700	
MCG0155	<b>Please tell me a public service or activity that comes to your mind when I mention the Coast Guard.</b>			
MCG0161	<b>Anything else?</b>			
	Yes	558	97,610,702	58.57 ( 1.807 )
	No	398	69,043,976	41.43 ( 1.807 )
	Subtotal valid responses	956	166,654,678	100
	Don't know	1	224,824	
	Refused	0	0	
	Appropriate skip	185	33,827,198	
	Total	1,142	200,706,700	
MCG0163	<b>Anything else?</b>			
	Yes	229	38,022,082	38.99 ( 2.301 )
	No	328	59,499,824	61.01 ( 2.301 )
	Subtotal valid responses	557	97,521,906	100
	Don't know	1	88,797	
	Refused	0	0	
	Appropriate skip	584	103,095,997	
	Total	1,142	200,706,700	
MCG0165	<b>Anything else?</b>			
	Yes	65	9,862,055	25.94 ( 3.116 )
	No	164	28,160,027	74.06 ( 3.116 )
	Subtotal valid responses	229	38,022,082	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	913	162,684,618	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
Section D - Demographic Questions				
D0061	<b>How many registered road vehicles are available for regular use by members of your household?</b>			
	Count	1,138	199,683,525	
	Mean	1.995	2.176	
	Standard deviation	1.102	0.038	
	Minimum	0	0	
	25th percentile	1	2	
	Median	2	3	
	75th percentile	3	5	
	Maximum	8	8	
D0101	<b>Do you have any kind of disability or health impairment?</b>			
	Yes	126	20,730,303	10.37 ( 1.035 )
	No	1,012	179,091,217	89.63 ( 1.035 )
	Subtotal valid responses	1,138	199,821,520	100
	Don't know	2	494,312	
	Refused	2	390,868	
	Total	1,142	200,706,700	
D0103	<b>Does <u>anyone else</u> currently living there, including children, have any kind of disability or health impairment?</b>			
	Yes	87	17,519,162	8.81 ( 1.003 )
	No	1,049	181,429,037	91.19 ( 1.003 )
	Subtotal valid responses	1,136	198,948,199	100
	Don't know	3	686,847	
	Refused	3	1,071,654	
	Total	1,142	200,706,700	
D0105	<b>How many other people (beside yourself)?</b>			
	Count	87	17,519,162	
	Mean	1.184	1.164	
	Standard deviation	0.518	0.050	
	Minimum	1	1	
	25th percentile	1	1	
	Median	1	1	
	75th percentile	1	1	
	Maximum	3	3	



Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
D0106	<b>Does anyone in the household use adaptive equipment in any motor vehicle (for example hand controls, modified foot pedals, or a wheelchair lift)?</b>			
	Yes	7	1,137,140	3.48 ( 1.388 )
	No	179	31,534,740	96.52 ( 1.388 )
	Subtotal valid responses	186	32,671,880	100
	Don't know	0	0	
	Refused	0	0	
	Appropriate skip	956	168,034,820	
	Total	1,142	200,706,700	
D0107	<b>We may conduct another study soon that focuses on transportation use among persons with disabilities or health impairments. Your household's experience and opinions on this critically important topic would be of great value. May we contact your household for this study?</b>			
	Yes	157	28,431,685	88.40 ( 2.417 )
	No	26	3,731,598	11.60 ( 2.417 )
	Subtotal valid responses	183	32,163,283	100
	Don't know	3	508,597	
	Refused	0	0	
	Appropriate skip	956	168,034,820	
	Total	1,142	200,706,700	
D0251	<b>How many people aged 18 or older live in your household, including yourself?</b>			
	Count	1,134	198,727,590	
	Mean	1.986	2.314	
	Standard deviation	0.887	0.047	
	Minimum	1	1	
	25th percentile	1	2	
	Median	2	2	
	75th percentile	2	3	
	Maximum	11	11	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
D0300	<b>Please stop me when I reach the category that includes your age:</b>			
	18 to 24 years	106	26,548,913	13.36 ( 1.335 )
	25 to 34	222	38,390,965	19.32 ( 1.333 )
	35 to 44	221	40,074,709	20.17 ( 1.346 )
	45 to 54	223	38,492,033	19.38 ( 1.319 )
	55 to 64	158	23,727,685	11.94 ( 1.018 )
	65 to 74	127	20,823,017	10.48 ( 1.005 )
	75 or older	77	10,606,528	5.34 ( 0.656 )
	Subtotal valid responses	1,134	198,663,850	100
	Don't know	1	283,911	
	Refused	7	1,758,939	
	Total	1,142	200,706,700	
D0350	<b>Are you male or female?</b>			
	Male	500	95,825,489	47.74 ( 1.693 )
	Female	642	104,881,211	52.26 ( 1.693 )
	Subtotal valid responses	1,142	200,706,700	100
	Don't know	0	0	
	Refused	0	0	
	Total	1,142	200,706,700	
D0401	<b>Is the racial or ethnic group that best describes you...</b>			
D0401A	American Indian or Alaska Native			
	Yes	40	3,603,335	1.83 ( 0.311 )
	No	1,088	193,144,833	98.17 ( 0.311 )
	Subtotal valid responses	1,128	196,748,168	100
	Don't know	0	0	
	Refused	14	3,958,532	
	Total	1,142	200,706,700	
D0401B	Asian			
	Yes	31	3,398,163	1.73 ( 0.329 )
	No	1,097	193,350,005	98.27 ( 0.329 )
	Subtotal valid responses	1,128	196,748,168	100
	Don't know	0	0	
	Refused	14	3,958,532	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
D0401C	Black or African-American			
	Yes	99	22,666,676	11.52 ( 1.281 )
	No	1,029	174,081,492	88.48 ( 1.281 )
	Subtotal valid responses	1,128	196,748,168	100
	Don't know	0	0	
	Refused	14	3,958,532	
	Total	1,142	200,706,700	
D0401D	Hispanic or Latino			
	Yes	89	20,280,085	10.31 ( 1.123 )
	No	1,039	176,468,083	89.69 ( 1.123 )
	Subtotal valid responses	1,128	196,748,168	100
	Don't know	0	0	
	Refused	14	3,958,532	
	Total	1,142	200,706,700	
D0401E	Native Hawaiian or other Pacific Islander			
	Yes	7	831,203	0.42 ( 0.172 )
	No	1,121	195,916,965	99.58 ( 0.172 )
	Subtotal valid responses	1,128	196,748,168	100
	Don't know	0	0	
	Refused	14	3,958,532	
	Total	1,142	200,706,700	
D0401F	White			
	Yes	873	147,235,578	74.83 ( 1.575 )
	No	255	49,512,590	25.17 ( 1.575 )
	Subtotal valid responses	1,128	196,748,168	100
	Don't know	0	0	
	Refused	14	3,958,532	
	Total	1,142	200,706,700	
D0401G	Other			
	Yes	14	1,575,781	0.80 ( 0.225 )
	No	1,114	195,172,387	99.20 ( 0.225 )
	Subtotal valid responses	1,128	196,748,168	100
	Don't know	0	0	
	Refused	14	3,958,532	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
D0450	<b>What is the highest level of education you have completed?</b>			
	Less than high school graduate	90	16,461,059	8.30 ( 0.990 )
	High school graduate (or GED)	349	65,538,877	33.04 ( 1.611 )
	Some college (or technical vocational school/professional business school)	200	34,445,328	17.37 ( 1.296 )
	Two-year college degree (AA: Associate in Arts)	119	21,259,363	10.72 ( 1.040 )
	Four-year college degree (BA or BS: Bachelor of Arts of Science degree)	225	37,902,837	19.11 ( 1.292 )
	Graduate degree (Masters, PhD., Lawyer, Medical Doctor)	148	22,744,379	11.47 ( 0.995 )
	Subtotal valid responses	1,131	198,351,843	100
	Don't know	3	570,330	
	Refused	8	1,784,527	
	Total	1,142	200,706,700	
D0501	<b>Please stop me when I reach the category that includes your household's total annual income for last calendar year, that is, 2001:</b>			
	Under \$15,000	121	19,872,393	11.90 ( 1.207 )
	From \$15,000 to less than \$30,000	169	31,425,033	18.82 ( 1.546 )
	From \$30,000 to less than \$50,000	245	42,296,783	25.33 ( 1.586 )
	From \$50,000 to less than \$75,000	200	36,294,492	21.73 ( 1.510 )
	From \$75,000 to less than \$100,000	110	18,235,337	10.92 ( 1.062 )
	\$100,000 or more	114	18,867,485	11.30 ( 1.120 )
	Subtotal valid responses	959	166,991,523	100
	Don't know	46	8,970,821	
	Refused	137	24,744,356	
	Total	1,142	200,706,700	
D0552	<b>Not including the telephone number which I called you on, how many additional phone numbers do you have in your household? Please do not count numbers for cellular phones, or phone lines that are exclusively for computer or fax use.</b>			
	None	978	178,772,178	89.86 ( 0.901 )
	One	126	16,804,875	8.45 ( 0.839 )
	Two	24	2,425,106	1.22 ( 0.298 )
	Three	5	379,166	0.19 ( 0.089 )
	Four or more	4	556,324	0.28 ( 0.168 )
	Subtotal valid responses	1,137	198,937,649	100
	Don't know	1	632,849	
	Refused	4	1,136,202	
	Total	1,142	200,706,700	

Code	Questionnaire Item / Variable Label	Unweighted Count/Value	Weighted Count/Value	Weighted Percentage (Std. Error)
D0751	<b>Is the <u>primary use</u> of the additional phone number(s) for household use, business use, or both?</b>			
	Household use only	94	12,961,700	64.43 ( 4.185 )
	Business use only	23	2,493,528	12.39 ( 2.672 )
	Both household and business use	41	4,662,536	23.18 ( 3.603 )
	Subtotal valid responses	158	20,117,764	100
	Don't know	0	0	
	Refused	1	47,707	
	Appropriate skip	983	180,541,229	
	Total	1,142	200,706,700	