

Bureau of Transportation Statistics

**Survey Documentation for the  
Bureau of Transportation Statistics  
Omnibus Survey Program**

**(Public Use)**

**October 2003**

**SURVEY DOCUMENTATION FOR THE  
BUREAU OF TRANSPORTATION STATISTICS  
OMNIBUS SURVEY PROGRAM**

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## 1. 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 report presents the results of the October 2003 Household Survey, the twenty-second of the monthly household surveys that will be conducted. Each of these monthly surveys 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.

The October 2003 survey collected data from October 4, 2003 through October 16, 2003 and October 18, 2003.

Data were collected from households in the U.S. using a Random-Digit-Dialed telephone methodology. The final completed sample size is 1,121 cases, and the total number of variables in the public-use dataset is 265. The data were collected by M. Davis and Company (MDAC), under contract with the BTS.

This report provides technical documentation for the October 2003 Household Survey. Its primary goal is to document background information, sampling procedures, data collection, data elements and survey variables, response rates, final weights and standard errors estimation.

This report contains the following information:

- Background of the survey initiative;
- A detailed description of how sample respondents were selected for the survey;
- Information regarding the data collection period, the number of completed interviews, and response rates;
- Information on interviewer training, pre-testing, interviewing methods, household screening methods and methods for call attempts and callbacks;
- Information on the number of cases in the file;
- Guidance on the use of weights for analyses;
- Instructions for calculating standard error estimates;
- The final survey questionnaire;

- A data dictionary that provides the names of survey variables, their codes, labels and the associated response categories; and
- A SAS formats library.

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## 2. SAMPLE DESIGN

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### 2.1 Target Population

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

### 2.2 Sampling Frame and Selection

To ensure that the monthly Omnibus Survey conducted in October 2003 and thereafter is comparable to past Omnibus Surveys (March, 2001 and earlier) the previous methodology was replicated. The 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 2-1: Census Bureau Regions and Divisions**

REGION	DIVISION	STATES
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.



M. Davis and Company purchased 7,494 telephone numbers for the October 2003 survey. A total of 4,618 of these numbers were identified as working residential numbers and were divided into 92 replicates. Each of the 72 fielding replicates released initially contained approximately 50 households. No additional replicates were released during Fielding. Eight (8) unused replicates from October's sample were used to conduct a pretest. Each pretest replicate had approximately 50 households. Twelve (12) of the 92 October replicates were not utilized in the actual interviewing, resulting in 3,626 numbers being released for use by the telephone interviewers.

### **2.2.1 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.

### **2.2.2 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.

### 2.2.3 Address Matching

The InfoBase TeleSource database from Acxiom Corporation was used for residential reverse matches (name and address). This file contains approximately 164 million names and addresses, of which 151 million have an identified name and 90 million have a phone number. This file is white-page based and has NCOA updates applied to it monthly. Each month, TeleSource creates a new database from scratch incorporating adds (connects), deletes (disconnects) and name and address changes brought together from multiple sources. Over 90% of the TeleSource file is updated and/or verified monthly.

TeleSource is run through extensive address hygiene processes to verify addresses at the zip +6 level, provide more unit designators, provide more complete and deliverable addresses, and apply 95% of the file with Zip+4 codes. In addition, all TeleSource phone numbers are sent through an area code correction process prior to releasing the database in order to incorporate the most recent area code/prefix (NPA/NXX) changes.

## 2.3 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:

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

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

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

$Var(p_s)$  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 1,121 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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### 3. 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.

#### 3.1 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. For this survey, the total number of telephone numbers in the sampling frame, N, is 276,832,500. The total number of telephone numbers in the sample (numbers dialed) is 3,628.

#### 3.2 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.

### 3.3 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:

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

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*.

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

**Table 3-1: Number of Telephone Lines per Household**

	Value
Mean	1.186
Standard deviation	0.512
Minimum	1
25th percentile	1
Median	1
75th percentile	1
Maximum	5

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 ( $W_{NRMT}$ ).

### 3.4 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:

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

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

**Table 3-2: Number of Eligible Household Members**

	<b>Value</b>
Mean	1.976
Standard deviation	0.870
Minimum	1
25th percentile	1
Median	2
75th percentile	2
Maximum	8

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 ( $W_{NRMTR}$ ) 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.

### 3.5 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.

For this survey, many of the cells had less than thirty observations. After grouping, and to remain consistent with what was done in the previous months, a total of 19 cells were used for post-stratification. The cells, used to construct post-stratification adjustments for October 2003, together with the number of sample observations and the national population estimates from the Census Bureau are shown in the table on the next page.

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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.

**Table 3-3: Post-Stratification Cells**

CELL	DESCRIPTION	SAMPLE SIZE	POPULATION
1	Male - Hispanic (Any Race)	43	12,845,409
2	Male - Non-Hispanic Black	48	10,224,033
3	Male - Age 18 – 24 - Non-Hispanic White	22	8,499,919
4	Male - Age 25 – 34 - Non-Hispanic White	54	11,913,170
5	Male - Age 35 – 44 - Non-Hispanic White	65	15,039,201
6	Male - Age 45 – 54 - Non-Hispanic White	74	14,623,075
7	Male - Age 55 – 64 - Non-Hispanic White	50	10,048,666
8	Male - Age 65 or older - Non-Hispanic White	62	11,929,766
9	Male - Non-Hispanic Other	43	5,765,040
10	Female - Hispanic (Any Race)	58	12,298,055
11	Female - Age 18 – 44 - Non-Hispanic Black	31	7,460,884
12	Female - Age 45 or older - Non-Hispanic Black	24	5,469,299
13	Female - Age 18 – 24 - Non-Hispanic White	29	8,568,517
14	Female - Age 25 – 34 - Non-Hispanic White	58	12,118,904
15	Female - Age 35 – 44 - Non-Hispanic White	85	15,364,818
16	Female - Age 45 – 54 - Non-Hispanic White	104	14,962,740
17	Female - Age 55 – 64 - Non-Hispanic White	66	10,641,416
18	Female - Age 65 or older - Non-Hispanic White	107	16,115,329
19	Female - Non-Hispanic Other	35	6,464,326
N/A	Missing Demographic Information	63	N/A
	<b>TOTAL</b>	<b>1,121</b>	<b>210,352,567</b>

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.

### 3.6 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  $k^{th}$  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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## 4. 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.

### 4.1 Variance Estimation Methodology

The software package SUDAAN® (Software for the Statistical Analysis of Correlated Data) Version 8.0.0 was used for computing standard errors.

#### 4.1.1 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.

#### 4.1.2 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 METRO;  
WEIGHT FNLWGT;
```

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 var1;  
PRINT nsum wsum totper setot / STYLE=nchs;  
RUN;
```

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>

## 4.2 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 1,000.

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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## **5. DATA COLLECTION PLAN**

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### **5.1 Expert Panel**

The Expert Panel did not meet for this survey month as BTS did not expect any new questions added. The same questionnaire had already been through the Expert Panel review in previous months. BTS felt it was unnecessary to review a document that was identical to a previous month. Instead, BTS asked MDAC to use resources from this task to address non-response issues.

### **5.2 Cognitive Interviews**

Cognitive interviews were not conducted this month as BTS did not expect any new questions added. The same questionnaire had already been through the Cognitive Interviews in previous months. BTS felt it was unnecessary to review a document that was identical to a previous month. Instead, BTS asked MDAC to use resources from this task to address non-response issues.

### **5.3 Data Collection Schedule**

The survey was conducted over 14 days to enable 1,000 interviews to be completed. The survey period was from October 4 through October 16, and October 18.

### **5.4 Interview Procedures**

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

#### **5.4.1 Pre-Testing**

A Pre-Test was conducted prior to the initiation of actual calling. The Pre-Test was 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 was also used to test the interview length.

Telephone supervisors conducted a total of 26 pre-test interviews (Wats Room - 17 interviews, and MDAC - 9 interviews) of the draft survey instrument. All problematic questions, issues and recommendations resulting from the pre-test were included in the list of problematic issues.

#### **5.4.2 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.

### **5.4.3 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.

Advance letters were sent out on September 26 as scheduled but due to a printer error a second set of advance letters needed to be sent out on October 4. There were 3,031 advance letters sent out on October 4 out of a total sample of 4,618 cases. The percentage of addresses available for the total sample was 65.63 percent. This was an increase over previous months as a second company, Burnett, was used in addition to Acxiom for the address matching. Resources from the Expert Panel Review and the Cognitive Interviews were used to hire the additional address matching company, thus allowing for an increase of 2.38 percent to the address match percentage for October.

An “800” number is listed in each letter with the specific times to call (M-F, 9 a.m. – 11 p.m. EST; Sat and Sun, 1 p.m. to 9 p.m. 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 first, seventh, fourteenth and every nth attempt in messages left for potential respondents with an answering machine in cases where we are unable to make contact with a member of the household. Additionally, the 1-800 number is left to arrange an appointment for an interview.

A message is not left after each attempt when encountering an answering machine 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.

A study of telephone practices published in January 2000 by the Council for Marketing and Opinion Research (CMOR) found no conclusive data showing that leaving a message on an answering machine for a respondent is effective. This study states that only 17% of the telephone centers surveyed left a message on the answering machine. Of the call centers which did leave a message 75% left an 800 number, 71% left a message on the first call and 62% left a message on subsequent calls.

Given the short time frame for data collection, the potential perception of harassment and prior research results, MDAC believes the best approach is to leave the toll free 800 number at the first, seventh, fourteenth and twentieth calls.

#### **5.4.4 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 (9 a.m. – 4:30 p.m. and 5 p.m. – Midnight), a shift from 9 a.m. until Midnight on Saturday and a shift from 10 a.m. until Midnight on Sunday. MDAC has three shifts on Monday through Friday (9 a.m. – 2 p.m., 2 p.m. – 6 p.m. and 6 p.m. – 12 midnight) and two shifts on Saturdays (11 a.m. – 4 p.m. and 4 p.m. – 9 p.m.) and Sundays (1 p.m. – 5 p.m. and 5 p.m. – 9 p.m.). Monday through Friday, 9 a.m. to 2 p.m., 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 9 p.m. local time are for scheduled callbacks only. No non-scheduled callbacks are conducted after 9 p.m. local time.

In 2001, numbers were sent to each call center to initiate the calling. Each month the amount of numbers released initially by each call center was based on the calling experiences of previous months related to improving the response rate. Additional numbers released during the ten day calling period was 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.

In January 2002, the number release protocol was modified. Since that month, all the numbers to be dialed in a month are released on the first day of calling, and no additional numbers are released during the calling period. This revised protocol facilitates more dials per number released and has in part contributed to the higher response rates experienced since January 2002 compared to previous months of calling.

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. Interviewers who identify a household as Spanish speaking alert the supervisor a Spanish-speaking interviewer is needed to handle the phone call. If the Spanish interviewer is not available, the interviewer will inform the respondent someone will call back, then record as CBS (Callback Spanish). If the 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. The Spanish Interviewer makes the call and follows the 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.

In July 2002, six codes were added to the In-Scope section, and will be kept for future months. These codes are: NAQ - No Answer Qualified, BZQ - Busy Qualified, AMQ - Answering Machine Qualified, LMQ - Left Message Qualified, CCQ - Cannot Complete Call Qualified, and PMQ - Privacy Manager Qualified. These codes were added to ensure that In-Scope Callbacks remain in the In-Scope category even when subsequent calls led to dispositions such as No Answer, Busy, Answering Machine, Left Message, Cannot Complete Call and Privacy Manager.

#### **5.4.5 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.)
- LM – Left message (on the 7<sup>th</sup>, 14<sup>th</sup> and 20<sup>th</sup> calls)
- 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
- CBU – Callback (The respondent has asked that we call them back at another time.)
- CSU – Callback Spanish

#### **In-Scope Numbers:**

- YES – Yes (Respondent has agreed to be screened and is eligible, 18 years old or older.)
- DIP – Reinterview deletion, ineligible person in household interviewed
- DDA – Reinterview deletion, discrepancy in answers during reinterview
- NAQ – No answer qualified
- BZQ – Busy qualified
- AMQ – Answering machine qualified
- LMQ – Left message qualified
- CCQ – Cannot complete call qualified
- PMQ – Privacy manager qualified
- 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 F0351 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 F0351 or a later appearing question, or after answering F0200 “yes”

#### **5.4.6 Household Screening**

Qualified respondents are at least 18 years of age or older and must be the household member with the next 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.

#### **5.4.7 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 10 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.

### **5.5 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, diction, 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.

### **5.5.1 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 form 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.

### **5.5.2 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, reinterviewing is performed on 10% - 20% of each interviewer's work through actual callbacks to respondents to verify responses to key questions. The reinterviewing is initiated on the second day of interviewing to ensure early detection of problems and to avoid a backlog of calls. Reinterviewing is performed for both new and experienced interviewers.

## **5.6 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.

## **5.7 Treatment of Missing Values**

As with any survey, the BTS Omnibus Survey, by design, contains questions that are not asked of 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 questions 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 5-1: Summary of Codes for Missing Values by Data File Format**

Response Category	Dataset Formats			
	SAS ® Version 8.2	SAS ® Transportable	Microsoft Excel	Text Comma Delimited
Appropriate skip	.S	.S	-7	-7
Refused	.R	.R	-8	-8
Don't know	.D	.D	-9	-9

## 5.8 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.

### 5.8.1 Number of Completed Interviews

A total of 1,121 interviews were completed during the survey period.

### 5.8.2 Calculation of Response Rates

The final response rate for the survey is obtained using the following formula:

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

The table below presents the distribution of household telephone numbers by disposition categories. The number of household cases in each category was then used in the above formula to calculate an overall response rate of 48.7 percent.

**Table 5-2: Distribution of Household Cases by Disposition**

Disposition Category	Number of Households
<b>Telephone Numbers Available</b>	<b>4,618</b>
<b>Telephone Numbers Released</b>	<b>3,628</b>
<b>Telephone Numbers Not Dialed</b>	<b>0</b>
<b>Telephone Numbers Dialed</b>	<b>3,628</b>
<b>Out-of-Scope Numbers (Ineligible)</b>	<b>1,203</b>
BG - Business	242
CF - Computer/Fax	310
DS - Disconnected number	537
NC - Number change	44
NQ - No one 18 years old or older in household	24
UNB - Unavailable before and during study period	46
<b>Scope Undetermined</b>	<b>341</b>
NA - No answer	257
BZ - Busy	0
AM - Answering machine	56
LM - Left message	12
CCC - Cannot complete call	7
PM - Privacy manager	0
NQL - Eligibility undetermined because of language problems or deafness	4
RFI - Refused to speak with interviewer (screening incomplete)	1
HRI - Hard refusal *	2
OD - Maximum call attempts reached	1
CBU - Callback undetermined	1
CSU - Callback Spanish undetermined	0
<b>In-Scope Numbers</b>	<b>2,084</b>
Complete	1,121
DIP - Reinterview deletion, ineligible person in household interviewed	5
DDA - Reinterview deletion, discrepancy in answers during reinterview	8
CB - Callback	137
CBS - Callback Spanish	0
NAQ - No answer qualified	302
BZQ - Busy qualified	0
AMQ - Answering machine qualified	240
LMQ - Left message qualified	11
CCQ - Cannot complete call qualified	3
PMQ - Privacy manager qualified	0
DL - Deaf/Language	82
RFQ - Respondent refusal	22
UN - Unavailable	104
DR - Respondent deceased prior to completion of interview	1
AC - The area code is changed but not the number	0
HRQ - Hard refusal *	48
<b>CASRO Response Rate</b>	<b>48.73%</b>

\* Note: Beginning in March 2002, and for all future months, to more accurately reflect the breadth of cases that fall within the HRI and HRQ categories the words “Hard Refusal” have replaced the words “Requested name be removed from calling list”.

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.

### **5.8.3 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 questions 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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## APPENDIX A: FINAL ANNOTATED SURVEY QUESTIONNAIRE

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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
<b>F</b>	Introduction and Respondent Selection Questions	Identical series each month
<b>G</b>	General Transportation Core Questions	Identical series each month
<b>B</b>	BTS Topical Transportation Questions	Change each month to address topical issues. This month: <b>commuting, neighborhood freight, air travel and gas prices.</b>
<b>SM</b>	Strategic Goal Questions  Note: SM questions will appear along with SE0175 in the Strategic Goal Section in the October Survey.	Rotate three times per year by goal area. <b>Bold type</b> denotes area addressed this month: Month 1 - Safety (SS) <b>Month 2 - Mobility (SM)</b> Month 3 - Environment (SE) Month 4 - National Security (SN)
<b>T</b>	USDOT Services Satisfaction Questions	None this month
<b>M</b>	Operating Administration Modal Questions	TSA ( <i>see questions in section B</i> ), NHTSA
<b>D</b>	Demographic Questions	Identical series each month
<b>I</b>	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 F0080, will change depending upon time frames or respondent responses to previous items. Words or phrases enclosed in parentheses ( ), such as in Question F0456, 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.*

F0054. **Hello, my name is \_\_\_\_\_ and I'm calling on behalf of the United States Department of Transportation about a national study on transportation issues. In the aftermath of the terrorist attacks on September 11, 2001, transportation has become a more critical issue in our society.**

HIT "RETURN" TO CONTINUE

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

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

THANK RESPONDENT AND TERMINATE. HIT "RETURN" TO CONTINUE.

F0066. **Your household has been selected for this study, and we are very interested in your transportation use and opinions. Please remember that your input will help strengthen our nation's transportation system.**

HIT "RETURN" TO CONTINUE

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.**

HIT "RETURN" TO CONTINUE

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?**

HIT "RETURN" TO SCHEDULE CALLBACK

F0351. IF INTERVIEWER IS SPEAKING WITH A NEW RESPONDENT, BEGIN BY REPEATING F0054. 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?**

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

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

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

F0400A. INTERVIEWER: IS THE ELIGIBLE RESPONDENT ON THE PHONE, OR IS THE ELIGIBLE RESPONDENT COMING TO THE PHONE?

- 1) Eligible respondent on phone (*Skip to F0420B*)
- 2) Eligible respondent coming to the phone (*Skip to F0420A*)
- 3) Eligible respondent unable/not coming to phone (*Skip to F0500*)

F0420A. **Hello, my name is \_\_\_\_\_ and I am calling on behalf of the United States Department of Transportation about a national study on transportation issues. I need to talk with the person living there now, aged 18 or older, who will have a birthday next. I was informed that would be you; is that correct?**

- 1) Yes (*Skip to F0456*)
- 2) No INTERVIEWER: ASK **"Who then is the person who will have a birthday next?"** HIT "RETURN" TO RE-ENTER NAME OF ELIGIBLE RESPONDENT

F0420B.      **So you are the person who will have a birthday next?**

- 1)      Yes (*Skip to F0456*)
- 2)      No      INTERVIEWER: ASK “**Who then is the person who will have a birthday next?**” HIT “RETURN” TO RE-ENTER NAME OF ELIGIBLE RESPONDENT

F0456.      INTERVIEWER NOTE: READ THE FOLLOWING PARENTHESES ONLY IF RESPONDENT ASKS FOR ADDITIONAL DETAILS. REPEAT F0351 AS NECESSARY. THEN SAY...

**I have some questions about your transportation use, and about your opinions on important transportation issues such as commuting, neighborhood freight, air travel and gas prices. 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).**

HIT “RETURN” TO CONTINUE

*Skip to F0550*

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

HIT “RETURN” TO SCHEDULE CALLBACK

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

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

HIT “RETURN” TO CONTINUE

F0601.      **For quality purposes, my supervisor may monitor this call.**

ENTER “1” TO PROCEED, OR ENTER “2” TO SCHEDULE CALLBACK

- 1)      PROCEED - *go to G0051*
- 2)      SCHEDULE CALLBACK

ARRANGE A CALLBACK. HIT “RETURN” TO CONTINUE.

<b>Section G - General Transportation Core Questions</b>
--

G0051.      **First I need to ask about all the kinds of transportation you used either for personal or for business travel last month.**

HIT "RETURN" TO CONTINUE

G0103.      **During September, 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? (ENTER NUMBER)**

\_\_\_\_days

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

- 1)      Yes
- 2)      No (*Skip to G0303*)

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

\_\_\_\_days

G0303.      **During September, 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, rail or ferry from suburb to city.**

- 1)      Yes
- 2)      No (*Skip to G0819*)

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

\_\_\_\_days

G3051. **Consider your most recent trip using public transit. What was the primary purpose of the trip? (CODE PRIMARY PURPOSE) (DO NOT READ LIST)**

- 1) Work/Work-related
- 2) Shopping
- 3) College/Other school
- 4) Medical services
- 5) Social, religious worship, personal business
- 7) Other - SPECIFY \_\_\_\_\_

G0819. **Is public transportation available in your area?**

INTERVIEWER NOTE: YOU MAY HAVE TO EXPLAIN THAT SOME RESPONDENTS USE OF PUBLIC TRANSPORTATION IS WHEN OUT OF TOWN ON BUSINESS OR PLEASURE AND DO NOT HAVE ACCESS IN THE AREA IN WHICH THEY LIVE.

- 1) Yes
- 2) No

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

- 1) Yes
- 2) No (*Skip to G0210*)

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

\_\_\_\_\_ days

G0902B. **And of these days, how many were for business or work? (INTERVIEWER: PREVIOUS ANSWER WAS \_\_\_\_\_)**

\_\_\_\_\_ days

G0210. **During September, did you ride on a charter or tour bus line?**

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

G0851O. **How many days did you ride on it? (ENTER NUMBER)**

\_\_\_\_\_ days

G0251. **During September, 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?** (ENTER NUMBER)

\_\_\_\_days

G0902C. **And of these days, how many were for business or work?** (INTERVIEWER: PREVIOUS ANSWER WAS \_\_\_\_)

\_\_\_\_ days

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

INTERVIEWER NOTE: YOU MAY HAVE TO EXPLAIN THAT SOME RESPONDENTS USE CITY-TO-CITY TRAIN SERVICE SUCH AS AMTRAK WHEN OUT OF TOWN ON BUSINESS OR PLEASURE.

- 1) Yes
- 2) No

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

- 1) Yes
- 2) No (*Skip to G0560*)

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

\_\_\_\_days

G0902D. **And of these days, how many were for business or work?** (INTERVIEWER: PREVIOUS ANSWER WAS \_\_\_\_)

\_\_\_\_ days

G0560. **During September, did you use a taxi or Limousine service?**

- 1) Yes
- 2) No (*skip to G0570*)

G0851Q. **How many days did you use a taxi or Limousine service?**

\_\_\_\_\_ days

G0902F. **And of these days, how many were for business or work?**  
(INTERVIEWER: PREVIOUS ANSWER WAS \_\_\_\_\_)

\_\_\_\_\_ days

G0570. **During September, did you use a shuttle such as an airport, hotel, rental car shuttle or other shuttle, do not include a medical appointment shuttle as this will be asked in another question?**

- 1) Yes
- 2) No (*Skip to G0453*)

G0851R. **How many days did you use an airport, hotel, rental car shuttle or other shuttle?**

\_\_\_\_\_ days

G0902G. **And of these days, how many were for business or work?**  
(INTERVIEWER: PREVIOUS ANSWER WAS \_\_\_\_\_)

\_\_\_\_\_ days

G0453. **During September, did you drive or ride on a motorcycle, a motorized scooter, motorized bicycle, moped or all terrain vehicle?**

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

G0852H. **How many days did you drive or ride any of these vehicles? (ENTER NUMBER)**

\_\_\_\_\_ days

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

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

G0852I. **How many days did you ride a bicycle? (ENTER NUMBER)**

\_\_\_\_\_ days



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

- 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
- 7) Some other purpose - SPECIFY \_\_\_\_\_

G1002. **And on a typical day that you rode a bicycle, about how much time did you spend bicycling?**

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

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

G1054. **Did you bicycle mostly on: (READ LIST)**

- 01) Paved roads, not on shoulders of paved roads, but on the actual road
- 02) Shoulders of paved roads
- 03) Bike lanes on roads
- 05) Bike paths, walking paths or trails
- 06) Unpaved roads (for example dirt, gravel, sand)
- 04) Sidewalks
- 07) Grass, or
- 97) Other - SPECIFY \_\_\_\_\_

G0551. **During September, 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 G0703*)

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

\_\_\_\_\_days

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

- 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
- 7) 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*

G1205. **Did you walk, run, or jog mostly on: (READ LIST)**

- 01) Paved roads, not on shoulders of paved roads, but on the actual road
- 02) Shoulders of paved roads
- 03) Bike lanes on roads
- 05) Bike paths, walking paths or trails
- 06) Unpaved roads (for example dirt, gravel, sand)
- 04) Sidewalks
- 07) Track
- 08) Grass, or
- 97) Other - SPECIFY \_\_\_\_\_

G0703. **During September, did you operate or ride in a recreational boat such as a motorboat, canoe, rowboat or sailboat? Please do not include personal watercraft such as jetski, skidoo or waverunner.**

- 1) Yes
- 2) No (*Skip to G0652*)

G0852M. **How many days did you use a recreational boat? (ENTER NUMBER)**

\_\_\_\_\_ days

G1259. **On a typical day that you went recreational boating, about how much time did you spend using the recreational boat?**

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

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

G0602.       **During September, did you ride on a commercial boat, ship, or ferry other than a commuter ferry?**

- 1)     Yes
- 2)     No (*Skip to G0755*)

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

\_\_\_\_\_days

G0755.       **During September, did you use any of the following modes of transportation? (INTERVIEWER: READ LIST AND RECORD ALL THAT APPLY)**

- 01)     Charter, private, or corporate airplane or helicopter**
- 02)     Commuter ferry**
- 03)     Company owned vehicle**
- 04)     Cruise ship**
- 05)     Golf cart**
- 06)     Horse or horse drawn carriage/buggy**
- 07)     Medical transport such as an ambulance or a shuttle to medical appointments**
- 08)     Vehicles used to transport handicapped persons**
- 09)     Motor home**
- 10)     Personal watercraft such as a jetski, skidoo or waverunner**
- 11)     Rental vehicle**
- 12)     School bus**
- 13)     None
- 97)     Other - SPECIFY \_\_\_\_\_**

B0010.       **Can you tell me what is the most important overall issue to you as it relates to transportation? (RECORD VERBATIM RESPONSE)**

\_\_\_\_\_

G2002.       **Now I would like to ask you your opinions associated with your use of major modes of transportation in September.**

HIT "RETURN" TO CONTINUE

*If G0103 = 2 then skip to instruction before G2102*

G2017.        **Considering all the financial costs associated with driving or riding in a personal vehicle, how satisfied were you with what it cost you to travel by personal vehicle during September? Were you (READ LIST)**

- 1)    Very dissatisfied**
- 2)    Dissatisfied**
- 3)    Satisfied**
- 4)    Very satisfied**

G2026.        **In terms of security from crime or terrorism, how secure did you feel while driving or riding in a personal vehicle in September? Did you feel (READ LIST)**

- 1)    Very insecure**
- 2)    Somewhat insecure**
- 3)    Somewhat secure**
- 4)    Very secure**

G2046.        **In terms of safety from accidents, how safe did you feel while driving or riding in a personal vehicle in September? Did you feel (READ LIST)**

- 1)    Very unsafe**
- 2)    Somewhat unsafe**
- 3)    Somewhat safe**
- 4)    Very safe**

G2066.        **In terms of travel time, using a personal vehicle, overall, how satisfied were you with the amount of time it took you to get where you wanted to go in September? Were you (READ LIST)**

- 1)    Very dissatisfied**
- 2)    Dissatisfied**
- 3)    Satisfied**
- 4)    Very satisfied**

G2086.        **In general, how would you rate the level of convenience of traveling by personal vehicle? Is it (READ LIST)**

- 1)    Very inconvenient**
- 2)    Somewhat inconvenient**
- 3)    Somewhat convenient**
- 4)    Very convenient**

G2094.        **Now please tell me, when you travel by personal vehicle, which one of the following is most important to you? Is it (READ LIST)**

- 1)     The cost of the travel**
- 2)     Your security from terrorism or crime**
- 3)     Your safety from accidents**
- 4)     The amount of time it takes to complete the travel**
- 5)     The level of convenience of using a personal vehicle**

*If G0303 = 2 then skip to instruction before G2202*

G2102.        **Now I would like to ask you your opinions associated with your use of public transit in September.**

G2117.        **Considering all the financial costs associated with using public transit, how satisfied were you with what it cost you to travel by public transit during September? Were you (READ LIST)**

- 1)     Very dissatisfied**
- 2)     Dissatisfied**
- 3)     Satisfied**
- 4)     Very satisfied**

G2126.        **In terms of security from crime or terrorism, how secure did you feel while using public transit in September? Did you feel (READ LIST)**

- 1)     Very insecure**
- 2)     Somewhat insecure**
- 3)     Somewhat secure**
- 4)     Very secure**

G2146.        **In terms of safety from accidents, how safe did you feel while using public transit in September? Did you feel (READ LIST)**

- 1)     Very unsafe**
- 2)     Somewhat unsafe**
- 3)     Somewhat safe**
- 4)     Very safe**

G2166. In terms of travel time on public transit, overall, how satisfied were you with the amount of time it took you to get where you wanted to go during September? Were you (READ LIST)

- 1) Very dissatisfied
- 2) Dissatisfied
- 3) Satisfied
- 4) Very satisfied

G2186. In general how would you rate the level of convenience of traveling by public transit? Is it (READ LIST)

- 1) Very inconvenient
- 2) Somewhat inconvenient
- 3) Somewhat convenient
- 4) Very convenient

G2190. Overall, how satisfied are you with the level of customer service you receive when using public transit? (READ LIST)

- 1) Very dissatisfied
- 2) Dissatisfied
- 3) Satisfied
- 4) Very Satisfied

G2194. Now please tell me, when you use public transit, which one of the following is most important to you? Is it (READ LIST)

- 1) The cost of the travel
- 2) Your security from terrorism or crime
- 3) Your safety from accidents
- 4) The amount of time it takes to complete the travel
- 5) The level of convenience of using public transit
- 6) The level of customer service you receive

*If G0350 = 2 then skip to B0051*

G2202. Now, I would like your opinions associated with flying on a commercial airline in September.

G2217.        **Considering all the financial costs associated with flying on a commercial airline, how satisfied were you with what it cost you to travel by commercial airline during September? Were you (READ LIST)**

- 1)    **Very dissatisfied**
- 2)    **Dissatisfied**
- 3)    **Satisfied**
- 4)    **Very satisfied**

G2226.        **In terms of security from crime or terrorism, how secure did you feel while flying on a commercial airline in September? Did you feel (READ LIST)**

- 1)    **Very insecure**
- 2)    **Somewhat insecure**
- 3)    **Somewhat secure**
- 4)    **Very secure**

G2246.        **In terms of safety from accidents, how safe did you feel while flying on a commercial airline in September? Did you feel (READ LIST)**

- 1)    **Very unsafe**
- 2)    **Somewhat unsafe**
- 3)    **Somewhat safe**
- 4)    **Very safe**

G2266.        **In terms of travel time using commercial airlines, overall, how satisfied were you with the amount of time it took you to get where you wanted to go during September? Were you (READ LIST)**

- 1)    **Very dissatisfied**
- 2)    **Dissatisfied**
- 3)    **Satisfied**
- 4)    **Very satisfied**

G2286.        **In general, how would you rate the level of convenience of traveling by commercial airline? Is it (READ LIST)**

- 1)    **Very inconvenient**
- 2)    **Somewhat inconvenient**
- 3)    **Somewhat convenient**
- 4)    **Very convenient**

G2290. **Overall, how satisfied are you with the level of customer service you receive when using a commercial airline? (READ LIST)**

- 1) Very dissatisfied**
- 2) Dissatisfied**
- 3) Satisfied**
- 4) Very satisfied**

G2294. **Now please tell me, when you travel by commercial airline, which of the following is most important to you? Is it (READ LIST)**

- 1) The cost of the travel**
- 2) Your security from terrorism or crime**
- 3) Your safety from accidents**
- 4) The amount of time it takes to complete the travel**
- 5) The level of convenience of traveling by air**
- 6) The level of customer service you receive**



<b>Section B - BTS Topical Transportation Questions</b>
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B0051.        **The next questions are about commuting to work.**

HIT "RETURN" TO CONTINUE

D0901.        **During September, did you do any work for pay or profit?**

- 1)     Yes
- 2)     No (*Skip to B2300*)

B0105.        **During September, did you commute, that is, travel routinely from home to work?** (INTERVIEWER: EXCLUDE TELECOMMUTING; COMMUTING MAY INCLUDE ANY TYPE OF TRANSPORTATION.)

- 1)     Yes
- 2)     No (*Skip to B0371*)

B0159.        **Altogether, about how many days did you commute to work in September?**  
(INTERVIEWER: REMIND THE RESPONDENT HOW MANY WEEKDAYS WERE IN LAST MONTH ALONG WITH ANY MAJOR HOLIDAYS)  
(INTERVIEWER: THE MONTH OF SEPTEMBER CONTAINED 30 DAYS WITH ONE HOLIDAY, THE 1<sup>ST</sup> OF SEPTEMBER WHICH WAS ON THE FIRST MONDAY OF THE MONTH.)  
(ENTER NUMBER)

\_\_\_\_\_ days

B0155.        **On a typical day in September, to get to work did you (READ LIST)**

- 01)     Walk**
- 02)     Drive or ride in a personal vehicle, not in a company car**
- 03)     Drive or ride in a carpool or vanpool**
- 04)     Use public transit**
- 05)     Drive or ride in a company car**
- 06)     Bicycle to work**
- 07)     Use a combination of modes**
- 97)     Other - SPECIFY \_\_\_\_\_**

*If B0155 = 1, 3, 4, 6 or 97 skip to B0310. If B0155 = 7 skip to B0158.*

B0161. **On a typical day in September did you drive alone or were there other commuters in your car?**

(INTERVIEWER NOTE: WERE THE OTHER PEOPLE IN THE CAR COMMUTERS OR NON-COMMUTERS? A COMMUTER IS USUALLY TRAVELING BETWEEN HOME AND WORK.)

- 1) Alone
- 2) Other commuters
- 3) Other non-commuters (children, students, etc.)

*Skip to B0310*

B0158. **Please list the combination of modes used.**

\_\_\_\_\_

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 B0371*)

*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 ALL MODES OF TRANSPORTATION USED ON A TYPICAL DAY.

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

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

B0353.      **On a typical day, how many miles one-way do you travel from home to work?**

\_\_\_\_\_ miles

B0371.      **Have you ever telecommuted? That is, have you ever worked 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 or self-employed persons who work at home.)**

- 1)      Yes
- 2)      No

B0378.      **Is the work that you do in your current job something you could do from home?**

- 1)      Yes
- 2)      No (*Skip to B0395*)

B0375.      **Does your current job offer the option of telecommuting?**

- 1)      Yes (*If B0371 = 2, skip to B0395*)
- 2)      No (*Skip to B0395*)

B0376.      **Are you currently participating in a telecommuting program?**

- 1)      Yes
- 2)      No (*Skip to B0395*)

B0363.      **During the month of September how many days did you telecommute?**

\_\_\_\_\_ days

(INTERVIEWER: THE MONTH OF SEPTEMBER CONTAINED 30 DAYS WITH ONE HOLIDAY, THE 1<sup>ST</sup> OF SEPTEMBER WHICH WAS ON THE FIRST MONDAY OF THE MONTH.)

B0377.      **What is your primary reason for telecommuting?** (INTERVIEWER: RECORD VERBATIM. HIT ESCAPE KEY AFTER ENTERING INFORMATION)

\_\_\_\_\_

B0395. **Have you ever worked at a telework center or satellite office?**  
[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 OTHER THAN YOUR PRIMARY WORKSITE.  
TELEWORK CENTER: ALTERNATE WORK SITE, COULD POSSIBLY HOUSE WORKERS FROM MANY DIFFERENT BUSINESSES.]

- 1) Yes
- 2) No

B0398. **Is the work that you do in your current job something you could do from a telework center or a satellite office?**  
[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 OTHER THAN YOUR PRIMARY WORKSITE.  
TELEWORK CENTER: ALTERNATE WORK SITE, COULD POSSIBLY HOUSE WORKERS FROM MANY DIFFERENT BUSINESSES.]

- 1) Yes
- 2) No (*Skip to B2300*)

B0380. **Does your current job offer the option of working at a telework center or satellite office?**

- 1) Yes (*If B0395 is "No", skip to B2300*)
- 2) No (*Skip to B2300*)

B0386. **Do you currently work at a telework center or satellite office?**

- 1) Yes
- 2) No (*skip to B2300*)

B0388. **During the month of September, how many days did you work at a telework center or satellite office?**

\_\_\_\_\_ days

(INTERVIEWER: THE MONTH OF SEPTEMBER CONTAINED 30 DAYS WITH ONE HOLIDAY, THE 1<sup>ST</sup> OF SEPTEMBER WHICH WAS ON THE FIRST MONDAY OF THE MONTH.)

B0390. **What is your primary reason for working at a telework center or satellite office?** (INTERVIEWER: RECORD VERBATIM)

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B2300. **My next group of questions is about commercial air travel.**

HIT "RETURN" TO CONTINUE

B2311. **In what month and year was your most recent commercial airline flight?** (INTERVIEWER: PLEASE PROMPT FOR MONTH AND YEAR)

- 1) Enter month and year
- 5) Have never flown on a commercial airline (*Skip to B3002*)

B2315. **Please let me verify your last answer as [insert respondent's last answer].**

- 1) Yes, correct (CONTINUE)
- 2) No, incorrect

*If B2311 1) is earlier than one year ago skip to B3002 (Note: Remember we are collecting data for the month of September, one year ago would include October 2002 through September 2003).*

B2321. **Now, I'd like you to think of your most recent commercial airline flight. Was the primary purpose of your trip business or work related?** (IF NECESSARY, GIVE EXAMPLES SUCH AS PROFESSIONAL CONFERENCE, MEETING WITH CLIENTS.)

- 1) Yes, business/job related
- 2) No

B2333. **Still thinking of your most recent flight in which of the following sections was your seat located:** (READ ENTIRE LIST EXCEPT "DON'T KNOW")

- 1) **Economy or coach section (also sometimes called the main cabin)**
- 2) **First class section**
- 3) **There were no sections in the plane; all seats were in the same section**
- 7) **Other**

*If B2333=1, 2 or 3 skip to B2341*

B2334. **Was your seat located in any of the following areas: (READ LIST)**

- 1) **Business class section**
- 2) **Flight attendant's**
- 3) **Flight crew section or "cockpit"**
- 4) **None of the sections**

B2341. **Did the price paid for the airline ticket carry any restrictions? For example, did you have to book your trip two weeks in advance, were you required to stay overnight on a Friday or Saturday, or were you prohibited from changing your ticket without paying a penalty?**

- 1) **Yes**
- 2) **No**

B2651. **How long did you wait in line to check in at the ticket counter for your most recent flight?**

X= DID NOT CHECK IN

\_\_\_\_\_hours and \_\_\_\_\_ minutes

B2660. **Again thinking of your most recent flight, where were you issued your boarding pass? (INTERVIEWER: READ ENTIRE LIST)**

- 1) **Curbside baggage check-in (attendants checking bags just outside the airport doors)**
- 2) **Ticket counter**
- 3) **Self service check-in kiosk (an interactive computer terminal available for self service check-in)**
- 4) **Departure gate**
- 5) **Internet**
- 7) **Other - SPECIFY \_\_\_\_\_**

B2701. **How long did you wait in line to go through the passenger screening checkpoint for your most recent flight? The checkpoint we are referring to is the only one where you must walk through a metal detector and your carry-on items are x-rayed. How long did you wait?**

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

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

- B2751.      **How did you feel about the amount of time spent waiting in line at the passenger screening checkpoint? Did you feel the amount of time was (READ LIST)**
- 1)      Less than you expected**
  - 2)      About what you expected**
  - 3)      More than you expected**
- B2801.      **How would you rate the thoroughness of the screening process? Would you rate it (READ LIST)**
- 1)      Inadequate**
  - 2)      Adequate**
  - 3)      Excessive**
- B2853.      **How would you describe your level of confidence in the ability of the passenger screeners to keep air travel secure from individuals with hostile intentions? Would you say you have (READ LIST)**
- 1)      No confidence**
  - 2)      A small amount of confidence**
  - 3)      A moderate amount of confidence**
  - 4)      A great deal of confidence**
  - 5)      Total confidence**
- B2900.      **How satisfied were you with the courtesy of the screeners at the passenger screening checkpoint? Were you (READ LIST)**
- 1)      Very unsatisfied**
  - 2)      Somewhat unsatisfied**
  - 3)      Neither unsatisfied nor satisfied**
  - 4)      Somewhat satisfied**
  - 5)      Very satisfied**
- B2950.      **How satisfied were you overall with your experience at the passenger screening checkpoint? Were you (READ LIST)**
- 1)      Very unsatisfied**
  - 2)      Somewhat unsatisfied**
  - 3)      Neither unsatisfied nor satisfied**
  - 4)      Somewhat satisfied**
  - 5)      Very satisfied**

B2977.        **How consistent have screening procedures been in airports you have departed from? Have they been (READ LIST)**

- 1)    **Very inconsistent**
- 2)    **Somewhat inconsistent**
- 3)    **Somewhat consistent**
- 4)    **Very consistent**

B2980.        **How would you rate the current level of airport security compared to security levels prior to September 11<sup>th</sup>, 2001? Would you say that security today is (READ LIST)**

- 1)    **Much better than it was before September 11<sup>th</sup>, 2001**
- 2)    **Somewhat better than it was before September 11<sup>th</sup>, 2001**
- 3)    **About the same as it was before September 11<sup>th</sup>, 2001**
- 4)    **Somewhat worse than it was before September 11<sup>th</sup>, 2001**
- 5)    **Much worse than it was before September 11<sup>th</sup>, 2001**

*If B2311 1) is one year ago or later skip to B3100 (Note: Remember we are collecting data for the month of September, one year ago would include October 2002 through September 2003).*

B3002.        **How would you describe your level of confidence in the ability of the passenger screeners to keep air travel secure from individuals with hostile intentions? Would you say you have (READ LIST)**

- 1)    **No confidence**
- 2)    **A small amount of confidence**
- 3)    **A moderate amount of confidence**
- 4)    **A great deal of confidence**
- 5)    **Total confidence**

B3100.        **Have the changes in passenger screening procedures since September 11<sup>th</sup>, 2001 made you (READ LIST)**

- 1)    **Less inclined to travel by commercial airline**
- 3)    **Have had no effect on your commercial airline travel**
- 2)    **More inclined to travel by commercial airline**

B4301.        **My next group of questions asks for information about household freight deliveries.**

B4310.        **During September, did you have access to the Internet, from home, work, or some other location?**

- 1)    **Yes**
- 2)    **No (Skip to B4351)**



*If B4310 = "Refused" or "Don't know" skip to B4351*

B4320. **During September, did you use the Internet to purchase merchandise to be delivered to an address other than your home address (for example delivery to a friend or family member)?**

- 1) Yes
- 2) No

B4330. **During September, did you use the Internet to purchase merchandise to be delivered to your home address?**

- 1) Yes
- 2) No (*Skip to B4351*)

*If B4330 = "Refused" or "Don't know" skip to B4351*

B4341. **During September, how many times did you use the Internet to purchase merchandise to be delivered to your home?**

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

B4351. **During September, how many times did you use the telephone to purchase merchandise to be delivered to your home?**

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

B4361. **During September, how many times did you mail an order form to a business or company to purchase merchandise to be delivered to your home?**

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

B4366. **During September, how many times did you fax an order form to a business or company to purchase merchandise?**

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

B4370. **During September, how many times did you purchase merchandise, in person, at a store or business that had to be delivered to your home; that is, you did not take the merchandise home with you?**

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

B4380. During September, how many deliveries did you receive at your home that were delivered by a company other than the US Postal Service - someone other than your regular mail delivery person? Non-US Postal Service companies include FedEx, UPS, Emory, Airborne Express, DHL, as well as other private delivery companies that could include private furniture or appliance delivery companies.

ENTER NUMBER \_\_\_\_\_ (If zero, skip to B5000)

B4391. During September, were any of the following types of merchandise delivered to your home by someone other than the US Postal Service? (READ LIST. RECORD ALL MENTIONS.)

- 01) Books
- 02) Clothing or clothing accessories (including footwear)
- 03) Computer hardware
- 04) Computer software
- 05) Drugs, health aids, or beauty aids
- 06) Electronics or appliances
- 07) Food, beer, or wine
- 08) Home furnishings such as furniture, artwork, linens, window treatments, etc.
- 09) Audio or video cassettes/CDs/DVDs
- 10) Office equipment or supplies (for a home office)
- 11) Toys, hobby goods, or games
- 12) Any documents, magazines, or newspapers delivered by other than the US Postal Service
- 13) Garden or yard equipment or supplies such as plant, seeds, mowers, edgers, etc.
- 14) Automobile or truck parts
- 15) Pet or animal supplies
- 16) None
- 97) Other - SPECIFY \_\_\_\_\_

B5000. My next set of questions is about recent events in the news.

B5074. Did you have any travel plans for this past Labor Day holiday?

- 1) Yes
- 2) No (skip to SM0050)

B5076. Did you change or modify your travel plans for this past Labor Day holiday?

- 1) Yes
- 2) No (skip to SM0050)

B5078.       **Please tell me what changes did you make in your Labor Day plans?**

- 01)   Type of transportation
- 02)   Number of people traveling
- 03)   Departure point
- 04)   Destination point
- 05)   Earlier travel plans
- 06)   Later travel plans
- 07)   Earlier departure
- 08)   Later departure
- 09)   Canceled travel plans
- 97)   Other - SPECIFY \_\_\_\_\_

B5080.       **Please tell me the main reason you made changes to your Labor Day plans?**

(INTERVIEWER: RECORD VERBATIM. HIT "ESCAPE" KEY AFTER  
ENTERING INFORMATION)

\_\_\_\_\_

### Section SM - Strategic Goal Questions

SM0050.      **Now I want to ask your opinion on some transportation issues related to mobility.**

HIT "RETURN" TO CONTINUE

SE0175.      **Is traffic congestion a problem in your community?**

- 1)      Yes
- 2)      No

*If G0103 = 2 skip to instruction before SM1050*

SM1000.      **Did you experience any significant delays while traveling in a personal vehicle in September?**

- 1)      Yes
- 2)      No (*Skip to instruction before SM1050*)

SM1005.      **Please tell me whether those delays caused you to... (READ LIST)**

SM1010.	<b>Change the time of day you traveled</b>	Yes	No
SM1015.	<b>Change the type of transportation you used</b>	Yes	No
SM1020.	<b>Change the route you took to reach your destination</b>	Yes	No
SM1025.	<b>Postpone your travel to another day</b>	Yes	No
SM1030.	<b>Cancel your trip entirely</b>	Yes	No

*If G0150 = 2 skip to instruction before SM1100*

SM1050.      **Did you experience any significant delays while traveling in an organized carpool or vanpool in September?**

- 1)      Yes
- 2)      No (*Skip to instruction before SM1100*)

SM1055. **Please tell me whether those delays caused you to... (READ LIST)**

SM1060.	<b>Change the time of day you traveled</b>	Yes	No
SM1065.	<b>Change the type of transportation you used</b>	Yes	No
SM1070.	<b>Change the route you took to reach your destination</b>	Yes	No
SM1075.	<b>Postpone your travel to another day</b>	Yes	No
SM1080.	<b>Cancel your trip entirely</b>	Yes	No

*If G0303 = 2 skip to instruction before SM1150*

SM1100. **Did you experience any significant delays while traveling on public transit in September?**

- 1) Yes
- 2) No (*Skip to instruction before SM1150*)

SM1105. **Please tell me whether those delays caused you to... (READ LIST)**

SM1110.	<b>Change the time of day you traveled</b>	Yes	No
SM1115.	<b>Change the type of transportation you used</b>	Yes	No
SM1120.	<b>Change the route you took to reach your destination</b>	Yes	No
SM1125.	<b>Postpone your travel to another day</b>	Yes	No
SM1130.	<b>Cancel your trip entirely</b>	Yes	No

*If G0201 = 2 skip to instruction before SM1200*

SM1150. **Did you experience any significant delays while traveling on city-to-city buses in September?**

- 1) Yes
- 2) No (*Skip to instruction before SM1200*)

SM1155. **Please tell me whether those delays caused you to... (READ LIST)**

SM1160.	<b>Change the time of day you traveled</b>	Yes	No
SM1165.	<b>Change the type of transportation you used</b>	Yes	No
SM1170.	<b>Change the route you took to reach your destination</b>	Yes	No
SM1175.	<b>Postpone your travel to another day</b>	Yes	No
SM1180.	<b>Cancel your trip entirely</b>	Yes	No

*If G0251 = 2 skip to instruction before SM1250*

SM1200. **Did you experience any significant delays while traveling on city-to-city trains in September?**

- 1) Yes
- 2) No (*Skip to instruction before SM1250*)

SM1205. **Please tell me whether those delays caused you to... (READ LIST)**

SM1210.	<b>Change the time of day you traveled</b>	Yes	No
SM1215.	<b>Change the type of transportation you used</b>	Yes	No
SM1220.	<b>Change the route you took to reach your destination</b>	Yes	No
SM1225.	<b>Postpone your travel to another day</b>	Yes	No
SM1230.	<b>Cancel your trip entirely</b>	Yes	No

*If G0350 = 2 skip to instruction before MNH0500*

SM1250. **Did you experience any significant delays while traveling on commercial airlines in September?**

- 1) Yes
- 2) No (*Skip to instruction before MNH0500*)

SM1255.      **Please tell me whether those delays caused you to... (READ LIST)**

SM1260.	<b>Change the time of day you traveled</b>	Yes	No
SM1265.	<b>Change the type of transportation you used</b>	Yes	No
SM1270.	<b>Change the route you took to reach your destination</b>	Yes	No
SM1275.	<b>Postpone your travel to another day</b>	Yes	No
SM1280.	<b>Cancel your trip entirely</b>	Yes	No

<b>Section M - Operating Administration Modal Questions</b>
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MNH0500.    **The next 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 D0050*)

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



## 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.**

HIT "RETURN" TO CONTINUE

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

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

(INTERVIEWER: IF RESPONDENT ANSWERS 10 OR MORE, RECORD AS 10)

D0104. **Do you have any kind of disability or health impairment?**

- 1) Yes (*If B2311 = 1 is less than 09 2001 or B2311 = 5 or 9 then go to D0110*)
- 2) No (*Skip to D0110*)

D1103. **Due to your disability have air travel passenger screening procedures changed for you since September 11, 2001?**

- 1) Yes
- 2) No (*Skip to D0110*)

D1104. **How have they changed for you?**

\_\_\_\_\_

D0110. **Does anyone else currently living in your household, including children, have any kind of disability or health impairment?**

- 1) Yes
- 2) No

*If D0104 = 2 and D0110 = 2 go to D0251. If D0104 = 1 and D0110 = 2 go to D0106.*

D0105. **How many other people (besides 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

D0251. **How many people aged 18 or older live in your household, including yourself? (ENTER NUMBER)**

\_\_\_\_\_ people

INTERVIEWER: REPEAT ANSWER TO RESPONDENT: **“Including yourself, \_\_\_\_\_ people aged 18 or older live in your household?”**

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

D0404. **Do you consider yourself to be Hispanic or Latino?**

- 1) Yes  
(If “Yes”, INTERVIEWER MUST READ: **“People who identify themselves as Hispanic or Latino origin may be of any race.”**) (INTERVIEWER READ ONLY IF NEEDED: **“Origin can be viewed as the heritage, nationality group, lineage, or country of birth of the person or the person’s parents or ancestors before their arrival in the United States.”**)
- 2) No

D0402. **Is the racial 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) **Native Hawaiian or other Pacific Islander (e.g., Samoan or Chamorro)**
- 5) **White (Caucasian, Anglo), or**
- 7) **Other - SPECIFY \_\_\_\_\_**

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

- 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/Science degree)**
- 6) **Graduate degree (Master's, Ph.D., 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, 2002: (READ LIST UNTIL RESPONDENT STOPS YOU TO SELECT A CATEGORY)**

- 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**

D0553. **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 D0801*)**
- 1) **One**
- 2) **Two**
- 3) **Three**
- 4) **Four or more**

**READ AFTER RESPONDENT HAS GIVEN ANSWER: "So, you have \_\_\_\_\_ additional phone numbers that are not used exclusively for fax machine, computer or cellular phone?"**

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

D0801. **In order to classify your household for statistical purposes, what is your ZIP code? (ENTER NUMBER)**

— — — — —

D0810. **Did your household receive an advance notice in the mail concerning this study?**

- 1) Yes
- 2) No

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

HIT "RETURN" TO CONTINUE

### 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
- 7) Other - SPECIFY \_\_\_\_\_

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

- 11) CONTINUE TO ENTER TEXT OF RESPONSE
- 99) No notes to add

## APPENDIX B: DATA DICTIONARY

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	MSA Inside Outside	1	Inside an MSA	Num	8	MSAINOUT
			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	FORNUM
	TIMEZONE	Time Zone	C	Central time	Char	1	\$TZONE
			E	Eastern time			
			M	Mountain time			
			P	Pacific time			
			A	Alaska time			
			H	Hawaii time			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
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	FORNUM
			.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			
G0851B	G0851B	Carpool/Vanpool - Days		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0303	G0303	Use - Public Transit	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851C	G0851C	Public Transit - Days		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G3051	G3051A	Public Transit - Trip Purpose	1	Work/Work-related	Num	8	PTPURP
			2	Shopping			
			3	College/Other school			
			4	Medical services			
			5	Social, religious worship, personal business			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			7	Other			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G3051	G3051B	Public Transit - Other Trip Purpose	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
G0819	G0819	Public Trans - Available	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0201	G0201	Use - Bus	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851D	G0851D	Bus - Days		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0902B	G0902B	Bus - Days - Business		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0210	G0210	Use - Charter or Tour Bus	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851O	G0851O	Charter or Tour Bus - Days		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			



Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			.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	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0902C	G0902C	Train - Days - Business		_____ days	Num	8	FORNUM
			.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			
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	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0902D	G0902D	Com Airline - Days - Business		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
G0560	G0560	Use - Taxi or Limousine	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851Q	G0851Q	Taxi or Limousine - Days		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0902F	G0902F	Taxi or Limousine - Days - Business		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0570	G0570	Use - Shuttle	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0851R	G0851R	Shuttle - Days		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0902G	G0902G	Shuttle - Days - Business		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0453	G0453	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
G0852H	G0852H	Motorcycle - Days		_____ days	Num	8	FORNUM
			.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			
G0852I	G0852I	Bicycle - Days		_____ days	Num	8	FORNUM
			.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			
			7	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			
G1002	G1002A	Bicycle - Time Spent - Hours		_____ hours	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1002	G1002B	Bicycle - Time Spent - Minutes		_____ minutes	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			.S	Appropriate skip			
G1002	G1002C	Bicycle - Time Spent - Decimal Hours		Calculated	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1054	G1054A	Bicycle - Type of Road	01	Paved roads, not on shoulders of paved roads, but on the actual road	Num	8	ROADTYPA
			02	Shoulders of paved roads			
			03	Bike lanes on roads			
			05	Bike paths, walking paths or trails			
			06	Unpaved roads (for example dirt, gravel, sand)			
			04	Sidewalks			
			07	Grass			
			97	Other			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1054	G1054B	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			
G0851J	G0851J	Walk - Days		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1102	G1102A	Walk - Purpose	1	Commuting to work or school	Num	8	COMUWYA
			2	Recreation			
			3	Exercise/for my health			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			4	Personal errands (to the store, post office, walking the dog, and so on)			
			5	Required for my job			
			7	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	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1151	G1151B	Walk - Time Spent - Minutes		_____ minutes	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1151	G1151C	Walk - Time Spent - Decimal Hours		Calculated	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1205	G1205A	Walk - Type of Road	01	Paved roads, not on shoulders of paved roads, but on the actual road	Num	8	ROADTYPB
			02	Shoulders of paved roads			
			03	Bike lanes on roads			
			05	Bike paths, walking paths or trails			
			06	Unpaved roads (for example dirt, gravel, sand)			
			04	Sidewalks			
			07	Track			
			08	Grass			
			97	Other			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1205	G1205B	Walk - Other Type of Road	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
G0703	G0703	Use - Recreational Boat	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0852M	G0852M	Recreational Boat - Days		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1259	G1259A	Recreational Boat - Time Spent - Hours		_____ hours	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1259	G1259B	Recreational Boat - Time Spent - Minutes		_____ minutes	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G1259	G1259C	Recreational Boat - Time Spent - Decimal Hours		Calculated	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0602	G0602	Use - Commercial Boat	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
G0851K	G0851K	Commercial Boat - Days		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G0755	G0755A	Use - Other Means of Transportation - Aircraft	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0755	G0755B	Use - Other Means of Transportation - Commuter Ferry	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0755	G0755C	Use - Other Means of Transportation - Company Owned Vehicle	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0755	G0755D	Use - Other Means of Transportation - Cruise Ship	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0755	G0755E	Use - Other Means of Transportation - Golf Cart	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0755	G0755F	Use - Other Means of Transportation - Horse	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
G0755	G0755G	Use - Other Means of Transportation - Medical Transport	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0755	G0755H	Use - Other Means of Transportation - Access	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0755	G0755I	Use - Other Means of Transportation - Motor Home	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0755	G0755J	Use - Other Means of Transportation - Personal Watercraft	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0755	G0755K	Use - Other Means of Transportation - Rental Vehicle	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0755	G0755L	Use - Other Means of Transportation - School Bus	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0755	G0755M	Use - Other Means of Transportation - None	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
G0755	G0755N	Use - Other Means of Transportation - Other	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
G0755	G0755O	Use - Other Means of Transportation - Other - Text	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
B0010	B0010	Most Important Issue	Text	Verbatim response	Char	250	\$TEXTVAR
			.D	Don't know			
			.R	Refused			
G2017	G2017	Personal Vehicle - Financial Costs	1	Very dissatisfied	Num	8	TRASATA
			2	Dissatisfied			
			3	Satisfied			
			4	Very satisfied			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2026	G2026	Personal Vehicle - Security	1	Very insecure	Num	8	TRASECA
			2	Somewhat insecure			
			3	Somewhat secure			
			4	Very secure			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2046	G2046	Personal Vehicle - Safety	1	Very unsafe	Num	8	TRASAFECA
			2	Somewhat unsafe			
			3	Somewhat safe			
			4	Very safe			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
G2066	G2066	Personal Vehicle - Travel Time	1	Very dissatisfied	Num	8	TRASATA
			2	Dissatisfied			
			3	Satisfied			
			4	Very satisfied			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2086	G2086	Personal Vehicle - Convenient	1	Very inconvenient	Num	8	TRACONVA
			2	Somewhat inconvenient			
			3	Somewhat convenient			
			4	Very convenient			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2094	G2094	Personal Vehicle - Most Important Thing	1	The cost of the travel	Num	8	VEHIMPOB
			2	Your security from terrorism or crime			
			3	Your safety from accidents			
			4	The amount of time it takes to complete the travel			
			5	The level of convenience of using a personal vehicle			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2117	G2117	Transit - Financial Costs	1	Very dissatisfied	Num	8	TRASATA
			2	Dissatisfied			
			3	Satisfied			
			4	Very satisfied			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2126	G2126	Transit - Security	1	Very insecure	Num	8	TRASECA
			2	Somewhat insecure			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			3	Somewhat secure			
			4	Very secure			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2146	G2146	Transit - Safety	1	Very unsafe	Num	8	TRASAFEA
			2	Somewhat unsafe			
			3	Somewhat safe			
			4	Very safe			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2166	G2166	Transit - Travel Time	1	Very dissatisfied	Num	8	TRASATA
			2	Dissatisfied			
			3	Satisfied			
			4	Very satisfied			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2186	G2186	Transit - Convenient	1	Very inconvenient	Num	8	TRACONVA
			2	Somewhat inconvenient			
			3	Somewhat convenient			
			4	Very convenient			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2190	G2190	Transit - Customer Service	1	Very dissatisfied	Num	8	TRASATA
			2	Dissatisfied			
			3	Satisfied			
			4	Very satisfied			
			.D	Don't know			
			.R	Refused			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			.S	Appropriate skip			
G2194	G2194	Transit - Most Important Thing	1	The cost of the travel	Num	8	TRAIMPOB
			2	Your security from terrorism or crime			
			3	Your safety from accidents			
			4	The amount of time it takes to complete the travel			
			5	The level of convenience of using public transit			
			6	The level of customer service you receive			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2217	G2217	Com Airline - Financial Costs	1	Very dissatisfied	Num	8	TRASATA
			2	Dissatisfied			
			3	Satisfied			
			4	Very satisfied			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2226	G2226	Com Airline - Security	1	Very insecure	Num	8	TRASECA
			2	Somewhat insecure			
			3	Somewhat secure			
			4	Very secure			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2246	G2246	Com Airline - Safety	1	Very unsafe	Num	8	TRASAFEA
			2	Somewhat unsafe			
			3	Somewhat safe			
			4	Very safe			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
G2266	G2266	Com Airline - Travel Time	1	Very dissatisfied	Num	8	TRASATA
			2	Dissatisfied			
			3	Satisfied			
			4	Very satisfied			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2286	G2286	Com Airline - Convenient	1	Very inconvenient	Num	8	TRACONVA
			2	Somewhat inconvenient			
			3	Somewhat convenient			
			4	Very convenient			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2290	G2290	Com Airline - Customer Service	1	Very dissatisfied	Num	8	TRASATA
			2	Dissatisfied			
			3	Satisfied			
			4	Very satisfied			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
G2294	G2294	Com Airline - Most Important Thing	1	The cost of the travel	Num	8	AIRIMPOB
			2	Your security from terrorism or crime			
			3	Your safety from accidents			
			4	The amount of time it takes to complete the travel			
			5	The level of convenience of traveling by air			
			6	The level of customer service you receive			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
D0901	D0901	Work	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			
			.S	Appropriate skip			
B0105	B0105	Commute	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0159	B0159A	Commute - Days		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0159	B0159B	Commute - Days by Category	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			
B0155A	B0155A	Commute to Work - Transportation Mode	01	Walk	Num	8	TELEMODE
			02	Drive or ride in a personal vehicle, not in a company car			
			03	Drive or ride in a carpool or vanpool			
			04	Use public transit			
			05	Drive or ride in a company car			
			06	Bicycle to work			
			07	Use a combination of modes			
			97	Other			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
B0155B	B0155B	Commute to Work - Other Transportation Mode	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
B0161	B0161	Commute to Work - Number of Passengers	1	Alone	Num	8	TELENUMB
			2	Other commuters			
			3	Other non-commuters (children, students, etc.)			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0158	B0158	Commute to Work - Combination of Modes	Text	Verbatim response	Char	250	\$TEXTVAR
			.D	Don't know			
			.R	Refused			
			.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	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0320	B0320B	Commute to Work - Svrl Loc - Time Spent - Minutes		_____ minutes	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
B0320	B0320C	Commute to Work - Svrl Loc - Time Spent - Decimal Hours		Calculated	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0352	B0352A	Commute to Work - Trip Time - Hours		_____ hours	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0352	B0352B	Commute to Work - Trip Time - Minutes		_____ minutes	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0352	B0352C	Commute to Work - Trip Time - Decimal Hours		Calculated	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0353	B0353	Commute to Work - Distance		_____ miles	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0371	B0371	Telecommute	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0378	B0378	Telecommute - Work at Home	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			
B0375	B0375	Telecommute - Option	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0376	B0376	Telecommute - Participation	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0363	B0363	Telecommute - Days		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0377	B0377	Telecommute - Primary Reason	Text	Verbatim response	Char	250	\$TEXTVAR
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0395	B0395	Telework	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0398	B0398	Telework - Work at Remote Location	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
B0380	B0380	Telework - Option	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0386	B0386	Telework - Currently	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0388	B0388	Telework - Days		_____ days	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B0390	B0390	Telework - Primary Reason	Text	Verbatim response	Char	250	\$TEXTVAR
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2311	B2311A	Com Airline - Most Recent Flight - When	1	Enter month and year	Num	8	TRIPTIME
			2	Less than three months ago			
			3	More than three months ago but less than one year ago			
			6	One year ago			
			4	More than one year ago			
			5	Have never flown on a commercial airline			
			.D	Don't know			
			.R	Refused			
B2311	B2311B	Com Airline - Most Recent Flight - Month		Month _____	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
B2311	B2311C	Com Airline - Most Recent Flight - Year		Year _____	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2321	B2321	Com Airline - Most Recent Flight - Purpose	1	Yes, business/job related	Num	8	TRIPURP
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2333	B2333	Com Airline - Most Recent Flight - Section	1	Economy or coach section (also sometimes called the main cabin)	Num	8	TRIPSECT
			2	First class section			
			3	There were no sections in the plane; all seats were in the same section			
			7	Other			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2334	B2334	Com Airline - Most Recent Flight - Section - Area	1	Business class section	Num	8	TRIPAREA
			2	Flight attendant's			
			3	Flight crew section or "cockpit"			
			4	None of the sections			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2341	B2341	Com Airline - Most Recent Flight - Price Restrictions	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
B2651	B2651A	Com Airline - Most Recent Flight - Check-in - Hours		_____ hours	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2651	B2651B	Com Airline - Most Recent Flight - Check-in - Minutes		_____ minutes	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2651	B2651C	Com Airline - Most Recent Flight - Check-in - Decimal Hours		Calculated	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2651	B2651D	Com Airline - Most Recent Flight - Did not Check In	1	Yes (checked in)	Num	8	YESNO
			2	No (did not check in)			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2660	B2660A	Com Airline - Most Recent Flight - Boarding Pass	1	Curbside baggage check-in (attendants checking bags just outside the airport doors)	Num	8	BOARDING
			2	Ticket counter			
			3	Self service check-in kiosk (an interactive computer terminal available for self service check-in)			
			4	Departure gate			
			5	Internet			
			7	Other			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2660	B2660B	Com Airline - Most Recent Flight - Boarding Pass - Other	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
B2701	B2701A	Com Airline - Most Recent Flight - Screening - Time - Hours		_____ hours	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2701	B2701B	Com Airline - Most Recent Flight - Screening - Time - Minutes		_____ minutes	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2701	B2701C	Com Airline - Most Recent Flight - Screening - Time - Decimal Hours		Calculated	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2751	B2751	Com Airline - Most Recent Flight - Screening - Time - Satisfaction	1	Less than you expected	Num	8	SCRETIME
			2	About what you expected			
			3	More than you expected			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2801	B2801	Com Airline - Most Recent Flight - Screening - Intensity	1	Inadequate	Num	8	SCREINTE
			2	Adequate			
			3	Excessive			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2853	B2853	Com Airline - Most Recent Flight - Screening - Confidence	1	No confidence	Num	8	SCRECONF
			2	A small amount of confidence			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			3	A moderate amount of confidence			
			4	A great deal of confidence			
			5	Total confidence			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2900	B2900	Com Airline - Most Recent Flight - Screening - Courtesy - Satisfaction	1	Very unsatisfied	Num	8	SCRESATI
			2	Somewhat unsatisfied			
			3	Neither unsatisfied nor satisfied			
			4	Somewhat satisfied			
			5	Very satisfied			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2950	B2950	Com Airline - Most Recent Flight - Screening - Satisfaction	1	Very unsatisfied	Num	8	SCRESATI
			2	Somewhat unsatisfied			
			3	Neither unsatisfied nor satisfied			
			4	Somewhat satisfied			
			5	Very satisfied			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2977	B2977	Com Airline - Screening - Consistent	1	Very inconsistent	Num	8	SCRECONS
			2	Somewhat inconsistent			
			3	Somewhat consistent			
			4	Very consistent			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B2980	B2980	Com Airline - Level of Airport Security	1	Much better than it was before September 11th, 2001	Num	8	AIRSECUR
			2	Somewhat better than it was before September 11th, 2001			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			3	About the same as it was before September 11th, 2001			
			4	Somewhat worse than it was before September 11th, 2001			
			5	Much worse than it was before September 11th, 2001			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B3002	B3002	Com Airline - Screening - Confidence	1	No confidence	Num	8	SCRECONF
			2	A small amount of confidence			
			3	A moderate amount of confidence			
			4	A great deal of confidence			
			5	Total confidence			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B3100	B3100	Com Airline - Screening - Recent Changes	1	Less inclined to travel by commercial airline	Num	8	AIRIMPCT
			3	Have had no effect on your commercial airline travel			
			2	More inclined to travel by commercial airline			
			.D	Don't know			
			.R	Refused			
B4310	B4310	Internet - Access	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B4320	B4320	Internet - Merchandise - Delivery - Other Address	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B4330	B4330	Internet - Merchandise - Delivery - Home Address	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			
B4341	B4341	Internet - Merchandise - Delivery - Home Address - Number		_____	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B4351	B4351	Phone - Merchandise - Delivery - Home Address - Number		_____	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
B4361	B4361	Mail - Merchandise - Delivery - Home Address - Number		_____	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
B4366	B4366	Fax - Merchandise - Delivery - Home Address - Number		_____	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
B4370	B4370	Store - Merchandise - Delivery - Home Address - Number		_____	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
B4380	B4380	Private Delivery Company - Delivery - Home Address - Number		_____	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
B4391	B4391A	Type of Merchandise - Books	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
B4391	B4391B	Type of Merchandise - Clothing	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B4391	B4391C	Type of Merchandise - Hardware	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B4391	B4391D	Type of Merchandise - Software	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B4391	B4391E	Type of Merchandise - Drugs	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B4391	B4391F	Type of Merchandise - Electronics	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B4391	B4391G	Type of Merchandise - Food	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B4391	B4391H	Type of Merchandise - Home Furnishings	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B4391	B4391I	Type of Merchandise - Audio/Video	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			
B4391	B4391J	Type of Merchandise - Office Equipment	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B4391	B4391K	Type of Merchandise - Toys	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B4391	B4391L	Type of Merchandise - Documents	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B4391	B4391M	Type of Merchandise - Garden Equipment	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B4391	B4391N	Type of Merchandise - Auto Parts	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B4391	B4391O	Type of Merchandise - Pet Supplies	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B4391	B4391P	Type of Merchandise - None	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			
B4391	B4391Q	Type of Merchandise - Other	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B4391	B4391R	Type of Merchandise - Other - Text	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
B5074	B5074	Labor Day - Travel Plans	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
B5076	B5076	Labor Day - Change Travel Plans	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B5078	B5078A	Labor Day - Change Travel Plans - Type of Transportation	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B5078	B5078B	Labor Day - Change Travel Plans - Number of People Traveling	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B5078	B5078C	Labor Day - Change Travel Plans - Departure Point	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			
B5078	B5078D	Labor Day - Change Travel Plans - Destination Point	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B5078	B5078E	Labor Day - Change Travel Plans - Earlier Travel Plans	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B5078	B5078F	Labor Day - Change Travel Plans - Later Travel Plans	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B5078	B5078G	Labor Day - Change Travel Plans - Earlier Departure	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B5078	B5078H	Labor Day - Change Travel Plans - Later Departure	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B5078	B5078I	Labor Day - Change Travel Plans - Canceled Travel Plans	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			
B5078	B5078J	Labor Day - Change Travel Plans - Other	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
B5078	B5078K	Labor Day - Change Travel Plans - Other - Text	Text	Verbatim response	Char	250	\$TEXTVAR
			.S	Appropriate skip			
B5080	B5080	Labor Day - Change Travel Plans - Main Reason	Text	Verbatim response	Char	250	\$TEXTVAR
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SE0175	SE0175	Environment - Congestion	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
SM1000	SM1000	Delays - Personal Vehicle	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1010	SM1010	Delays - Personal Vehicle - Change Time	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
SM1015	SM1015	Delays - Personal Vehicle - Change Type of Transportation	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1020	SM1020	Delays - Personal Vehicle - Change Route	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1025	SM1025	Delays - Personal Vehicle - Postpone Travel	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1030	SM1030	Delays - Personal Vehicle - Cancel Trip	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1050	SM1050	Delays - Carpool/Vanpool	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1060	SM1060	Delays - Carpool/Vanpool - Change Time	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
SM1065	SM1065	Delays - Carpool/Vanpool - Change Type of Transportation	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1070	SM1070	Delays - Carpool/Vanpool - Change Route	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1075	SM1075	Delays - Carpool/Vanpool - Postpone Travel	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1080	SM1080	Delays - Carpool/Vanpool - Cancel Trip	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1100	SM1100	Delays - Public Transit	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1110	SM1110	Delays - Public Transit - Change Time	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
			.S	Appropriate skip			
SM1115	SM1115	Delays - Public Transit - Change Type of Transportation	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1120	SM1120	Delays - Public Transit - Change Route	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1125	SM1125	Delays - Public Transit - Postpone Travel	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1130	SM1130	Delays - Public Transit - Cancel Trip	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1150	SM1150	Delays - Bus	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1160	SM1160	Delays - Bus - Change Time	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
			.S	Appropriate skip			
SM1165	SM1165	Delays - Bus - Change Type of Transportation	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1170	SM1170	Delays - Bus - Change Route	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1175	SM1175	Delays - Bus - Postpone Travel	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1180	SM1180	Delays - Bus - Cancel Trip	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1200	SM1200	Delays - Train	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1210	SM1210	Delays - Train - Change Time	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
			.S	Appropriate skip			
SM1215	SM1215	Delays - Train - Change Type of Transportation	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1220	SM1220	Delays - Train - Change Route	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1225	SM1225	Delays - Train - Postpone Travel	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1230	SM1230	Delays - Train - Cancel Trip	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1250	SM1250	Delays - Commercial Airline	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1260	SM1260	Delays - Commercial Airline - Change Time	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
			.S	Appropriate skip			
SM1265	SM1265	Delays - Commercial Airline - Change Type of Transportation	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1270	SM1270	Delays - Commercial Airline - Change Route	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1275	SM1275	Delays - Commercial Airline - Postpone Travel	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
SM1280	SM1280	Delays - Commercial Airline - Cancel Trip	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
MNH0510	MNH0510	Driving	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
MNH0580	MNH0580	Driving - Crash	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
			.S	Appropriate skip			
MNH0600	MNH0600	Driving - Near Miss	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
D0061	D0061	Registered Vehicles		_____	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			
D0104	D0104	Disability	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D1103	D1103	Disability - Screening - Change	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
D1104	D1104	Disability - Screening - Change - Text	Text	Verbatim response	Char	250	\$TEXTVAR
			.D	Don't know			
			.R	Refused			
			.S	Appropriate skip			
D0110	D0110	Disability - Other HH Members	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D0105	D0105	Disability - Nb of Other HH Members		_____	Num	8	FORNUM
			.D	Don't know			
			.R	Refused			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			.S	Appropriate skip			
D0106	D0106	Disability - Adaptive Equipment	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	FORNUM
			.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			
D0404	D0404	Hispanic or Latino	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D0402	D0402A	Group - American Indian or Alaska Native	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
D0402	D0402B	Group - Asian	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D0402	D0402C	Group - Black or African-American	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D0402	D0402D	Group - Native Hawaiian or Other Pacific Islander	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D0402	D0402E	Group - White	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D0402	D0402F	Group - Other	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
D0402	D0402G	Group - Other - Text	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/Science degree)			

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
			6	Graduate degree (Master's, Ph.D., 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			
D0553	D0553	Additional Phone Lines - Number	0	None	Num	8	ADPHONE
			1	One			
			2	Two			
			3	Three			
			4	Four or more			
			.D	Don't know			
			.R	Refused			
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			
D0810	D0810	Advance Notice	1	Yes	Num	8	YESNO
			2	No			
			.D	Don't know			
			.R	Refused			
	BASEWGT	Base Weight			Num	8	FORNUM
	NR_FACT	Nonresponse Adjustment Factor			Num	8	FORNUM
	PER_FACT	Adjustment for Nb of Eligible HH Members			Num	8	FORNUM

Question Code	Variable Name	Variable Label	Response Category	Response Category Description	Type	Length	Format
	PHN_FACT	Multiple Phone Lines Adjustment Factor			Num	8	FORNUM
	CEN_FACT	Census Population Adjustment Factor			Num	8	FORNUM
	WD_FACT	Weighted Deflation Adjustment Factor			Num	8	FORNUM
	FNLWGT	Final Weight			Num	8	FORNUM



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## APPENDIX C: SAS FORMATS LIBRARY

---

```
PROC FORMAT cntlout=fmtout;
```

```
value msainout
  1='Inside an MSA'
  2='Outside an MSA';
```

```
value fornum
  .d='Do not know'
  .r='Refused'
  .s='Skip';
```

```
value yesno
  1='Yes'
  2='No'
  .d='Do not know'
  .r='Refused'
  .s='Skip';
```

```
value ptpurp
  1='Work/Work-related'
  2='Shopping'
  3='College/Other school'
  4='Medical services'
  5='Social, religious worship, personal business'
  7='Other'
  .d='Do not know'
  .r='Refused'
  .s='Skip';
```

```
value comuwya
  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'
  7='Some other purpose'
  .d='Do not know'
  .r='Refused'
  .s='Skip';
```

```
value roadtypa
  1='Paved roads, not on shoulders of paved roads, but on the
    actual road'
  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'
  97='Other'
  .d='Do not know'
  .r='Refused'
  .s='Skip';
```

```

value roadtypb
  1='Paved roads, not on shoulders of paved roads, but on the
    actual road'
  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'
  97='Other'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

value trasata
  1='Very dissatisfied'
  2='Dissatisfied'
  3='Satisfied'
  4='Very satisfied'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

value traseca
  1='Very insecure'
  2='Somewhat insecure'
  3='Somewhat secure'
  4='Very secure'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

value trasafea
  1='Very unsafe'
  2='Somewhat unsafe'
  3='Somewhat safe'
  4='Very safe'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

value traconva
  1='Very inconvenient'
  2='Somewhat inconvenient'
  3='Somewhat convenient'
  4='Very convenient'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

```

```

value vehimpob
  1='The cost of the travel'
  2='Your security from terrorism or crime'
  3='Your safety from accidents'
  4='The amount of time it takes to complete the travel'
  5='The level of convenience of using a personal vehicle'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

value trainpob
  1='The cost of the travel'
  2='Your security from terrorism or crime'
  3='Your safety from accidents'
  4='The amount of time it takes to complete the travel'
  5='The level of convenience of using public transit'
  6='The level of customer service you receive'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

value airimpob
  1='The cost of the travel'
  2='Your security from terrorism or crime'
  3='Your safety from accidents'
  4='The amount of time it takes to complete the travel'
  5='The level of convenience of traveling by air'
  6='The level of customer service you receive'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

value dayscomu
  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'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

value telemode
  1='Walk'
  6='Drive or ride in a personal vehicle, not in a company car'
  8='Drive or ride in a carpool or vanpool'
  4='Use public transit'
  9='Drive or ride in a company car'
  10='Bicycle to work'
  5='Use a combination of modes'
  97='Other'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

```

```

value telenumb
  1='Alone'
  2='Other commuters'
  3='Other non-commuters (children, students, etc.)'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

value triptime
  1='Enter month and year'
  2='Less than three months ago'
  3='More than three months ago but less than one year ago'
  4='More than one year ago'
  5='Have never flown on a commercial airline'
  6='One year ago'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

value tripurp
  1='Yes, business/job related'
  2='No'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

value tripsect
  1='Economy or coach section (also sometimes called the main
cabin)'
  2='First class section'
  3='There were no sections in the plane; all seats were in the
same section'
  7='Other'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

value triparea
  1='Business class section'
  2='Flight attendant'
  3='Flight crew section or cockpit'
  4='None of the sections'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

```

```

value boarding
1='Curbside baggage check-in (attendants checking bags just
outside the airport doors)'
2='Ticket counter'
3='Self service check-in kiosk (an interactive computer terminal
available for self service check-in)'
4='Departure gate'
5='Internet'
7='Other'
.d='Do not know'
.r='Refused'
.s='Skip';

value scretime
1='Less than you expected'
2='About what you expected'
3='More than you expected'
.d='Do not know'
.r='Refused'
.s='Skip';

value screinte
1='Inadequate'
2='Adequate'
3='Excessive'
.d='Do not know'
.r='Refused'
.s='Skip';

value screconf
1='No confidence'
2='A small amount of confidence'
3='A moderate amount of confidence'
4='A great deal of confidence '
5='Total confidence'
.d='Do not know'
.r='Refused'
.s='Skip';

value scresati
1='Very unsatisfied'
2='Somewhat unsatisfied'
3='Neither unsatisfied nor satisfied'
4='Somewhat satisfied'
5='Very satisfied'
.d='Do not know'
.r='Refused'
.s='Skip';

value screcons
1='Very inconsistent'
2='Somewhat inconsistent'
3='Somewhat consistent'
4='Very consistent'
.d='Do not know'
.r='Refused'
.s='Skip';

```

```

value airsecur
1='Much better than it was before September 11th, 2001'
2='Somewhat better than it was before September 11th, 2001'
3='About the same as it was before September 11th, 2001'
4='Somewhat worse than it was before September 11th, 2001'
5='Much worse than it was before September 11th, 2001'
.d='Do not know'
.r='Refused'
.s='Skip';

value airimpct
1='Less inclined to travel by commercial airline'
2='More inclined to travel by commercial airline'
3='Have had no effect on your commercial airline travel'
.d='Do not know'
.r='Refused';

value age
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'
.d='Do not know'
.r='Refused';

value gender
1='Male'
2='Female'
.d='Do not know'
.r='Refused';

value educ
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/Science
degree)'
6='Graduate degree (Masters, Ph.D., Lawyer, Medical Doctor)'
.d='Do not know'
.r='Refused';

value income
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'
.d='Do not know'
.r='Refused';

```

```
value adphone
  0='None'
  1='One'
  2='Two'
  3='Three'
  4='Four or more'
  .d='Do not know'
  .r='Refused';

value adphouse
  1='Household use only'
  2='Business use only'
  3='Both household and business use'
  .d='Do not know'
  .r='Refused'
  .s='Skip';

RUN;
```

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