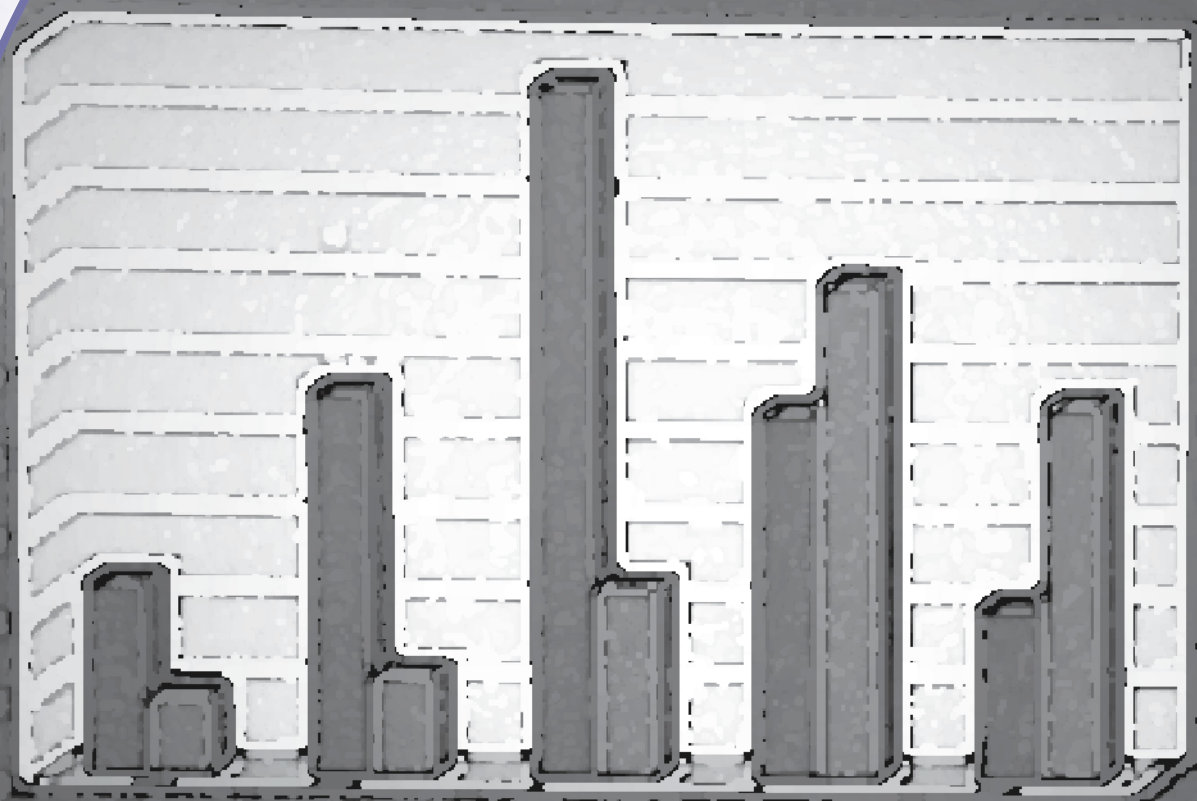


NATIONAL HIGHWAY TRAFFIC  
SAFETY ADMINISTRATION



# 2007 Motor Vehicle Occupant Safety Survey

**VOLUME 1**

Methodology Report

This publication is distributed by the U.S. Department of Transportation, National Highway Traffic Safety Administration, in the interest of information exchange. The opinions, findings and conclusions expressed in this publication are those of the author(s) and not necessarily those of the Department of Transportation or the National Highway Traffic Safety Administration. The United States Government assumes no liability for its content or use thereof. If trade or manufacturers' names or products are mentioned, it is because they are considered essential to the object of the publication and should not be construed as an endorsement. The United States Government does not endorse products or manufacturers.

Technical Report Documentation Page

1. Report No. DOT HS 810 974		2. Government Accession No.		3. Recipient's Catalog No.	
4. Title and Subtitle 2007 Motor Vehicle Occupant Safety Survey Volume 1 Methodology Report				5. Report Date August 2008	
				6. Performing Organization Code	
7. Author(s) John M. Boyle and Cheryl Lampkin Schulman, Ronca and Bucuvalas, Inc.				8. Performing Organization Report No.	
9. Performing Organization Name and Address Schulman, Ronca & Bucuvalas, Inc. 8403 Colesville Road, Suite 820 Silver Spring, MD 20910				10. Work Unit No. (TRAI5)	
				11. Contract or Grant No. DTNH22-05-C-05089	
12. Sponsoring Agency Name and Address National Highway Traffic Safety Administration Office of Behavioral Safety Research 1200 New Jersey Avenue, SE (NTI-131) Washington, DC 20590				13. Type of Report and Period Covered Survey conducted Jan. 9, 2007 to April 30, 2007	
				14. Sponsoring Agency Code	
15. Supplementary Notes					
16. Abstract The 2007 Motor Vehicle Occupant Safety Survey was the sixth in a series of periodic national telephone surveys on occupant protection issues conducted for the National Highway Traffic Safety Administration (NHTSA). Data collection was conducted by Schulman, Ronca & Bucuvalas, Inc., a national survey research organization. The survey used two questionnaires, each administered to a randomly selected national sample of about 6,000 persons age 16 or older. Interviewing began January 9, 2007 and ended April 30, 2007. This report presents the detailed information on the survey methodology, as well as copies of the questionnaires.					
17. Key Words Survey, Occupant Protection, Methodology, Precision, Questionnaires, Sample, Sampling Error, Significance, Weights			18. Distribution Statement Document is available through the National Technical Information Service, Springfield, VA 22161 and free of charge at <a href="http://www.nhtsa.dot.gov">www.nhtsa.dot.gov</a>		
19. Security Classif. (of this report) Unclassified		20. Security Classif. (of this page) Unclassified		21. No. of Pages	22. Price

# TABLE OF CONTENTS

Study Design.....	1
Cognitive Testing and Questionnaire Revision .....	2
Sample Construction.....	3
Screening to Determine Household Eligibility.....	4
Selection of Respondent Within Household.....	5
Young Adult Over-Sample .....	7
Contact Attempts .....	10
Spanish Language Interviews .....	10
Refusal Conversion.....	11
OMB Requested Experiments - Pre-notification and Cell Phone.....	14
Pre-notification Experiment.....	14
Cell Phone Experiment .....	18
Field Outcomes .....	21
Sample Weighting.....	29
Precision of Sample Estimates.....	32
Estimating Statistical Significance .....	36
Comparisons Between Samples.....	38
REFERENCES .....	39
APPENDIX A1: ENGLISH LANGUAGE QUESTIONNAIRE VERSION 1	
APPENDIX A2: ENGLISH LANGUAGE QUESTIONNAIRE VERSION 2	
APPENDIX B1: SPANISH LANGUAGE QUESTIONNAIRE VERSION 1	
APPENDIX B2: SPANISH LANGUAGE QUESTIONNAIRE VERSION 2	

# FIGURES AND TABLES

## Figures

Figure 1. Within Household Selection Procedure: Adult Cross-Section.....	6
Figure 2. Within Household Selection Procedure: Young Adult Over-Sample .....	8
Figure 3. Refusal Conversion Script.....	12-13
Figure 4. Sample Disposition Categories .....	22
Figure 5A. SPSS Program for Assigning Weights Version 1.....	30
Figure 5B. SPSS Program for Assigning Weights Version 2.....	31

## Tables

Table 1. Population Aged 16 and Older by NHTSA Region: 2007 Projections for National Cross-Section Survey of 4,500.....	4
Table 2. Population and Expected Sample Distribution .....	9
Table 3a. Sample Disposition - Pre-notification Experiment - Pre- notification Sample.....	16
Table 3b. Sample Disposition - Pre-notification Experiment - Control Sample .....	17
Table 4. Sample Disposition - Version 1, Cross-section, Seat Belt Usage Issues: 2007.....	24
Table 5. Sample Disposition - Version 1, Oversample, Seat Belt Usage Issues: 2007 .....	25
Table 6. Sample Disposition - Version 2 Cross-section, Child Safety Seat Issues: 2007 .....	27
Table 7. Sample Disposition - Version 2 Cross-section, Child Safety Seat Issues: 2007 .....	28
Table 8. Expected Sampling Error (Plus or Minus) At the 95% Confidence Level (Simple Random Sample) .....	33
Table 9. Design Effect on Confidence Intervals for Sample Estimates Between Disproportionate Sample Used in Occupant Protection Survey and a Proportionate Sample of Same Size .....	35
Table 10. Pooled Sampling Error Expressed as Percentages for Given Sample Sizes (Assuming P=Q).....	37

## **2007 Motor Vehicle Occupant Safety Survey: Methodology**

### Study Design

The 2007 Motor Vehicle Occupant Safety Survey (MVOSS), like the baseline Motor Vehicle Occupant Safety Survey in 1994 and its follow-up surveys in 1996, 1998, 2000, and 2003 was conducted by telephone. Hence, the study procedures called for the construction of a national sampling frame of telephone households from which a random population sample could be derived. For each of the two survey instruments (one focusing on seat belts and the other on child restraints, with a common core of questions relating to personal characteristics and driving behaviors), a national probability sample was developed. Each sample was composed of a cross-sectional sample of approximately 4,500 persons 16 and older, and an over-sample of approximately 1,500 persons ages 16 through 39. Since the sampling procedures and data collection methodology for the two samples were identical, procedures described in this report for one sample apply to the other as well.

The procedure for developing a population-based sample for this telephone survey involved four stages. The first stage sample involved using a population-based sample allocation, distributed in proportion to the geographic distribution of the target population according to the most recent Census estimates. The second stage employed a systematic selection of assigned land-line telephone banks within the geographically stratified first stage sample design. The third stage used a random digit dialing (RDD) sampling of telephone households within the telephone banks selected in the second stage. The fourth stage required the identification and systematic selection of one eligible respondent within each sampled household so that the household sampling frame yielded a representative sample of the eligible population. These procedures yielded national estimates of the target population, within specified limits of expected sampling variability, from which valid generalizations can be made to the general public. The sampling procedures used to develop the sample for the 2007 surveys were the same as those used to draw the samples for the 2003, 2000, 1998, 1996 and 1994 surveys.

There were several differences in study methodology between the current 2007 MVOSS and earlier surveys. First, the field period was changed from November-January in the surveys in 1994, 1996, 1998 and 2000 to January-March in 2003. In 2007, the field period was extended from January to April in order to permit an extended callback protocol for the survey. Second, there was a change in the contact protocol to increase the maximum contact attempts from a 5-call design to a 10-call design in 2003. In order to improve response rates, the 2007 survey was initially designed for a maximum of 17 contact attempts, 12 contact attempts to reach a household and an additional 5 contact attempts to reach and interview the designated respondent. The maximum number of contact attempts was subsequently increased to 22, 12 contacts to reach the household and 10 more contact attempts to interview the designated respondent. The extended call design increased the likelihood of including younger and more mobile respondents, who are less likely to be at home and reached in a five or ten call design, as well as increasing the response rate. Third, the earlier surveys had included a gender quota by geographic area to avoid over-representing women in the achieved sample. In the 2007 MVOSS, gender quotas were eliminated. Instead, the probability of selection was increased for males in households in which there were multiple eligible respondents. Finally, several experiments were performed as

## 2007 Motor Vehicle Occupant Safety Survey: Methodology

part of the 2007 MVOSS, including a cell phone sample component and a test of the effects of advance letters on response rate to the survey.

### Cognitive Testing and Questionnaire Revisions

Although the two questionnaires for the 2007 MVOSS were identical to the 2003 MVOSS, several new or revised items were planned for the Version II questionnaire in 2007. Consequently, cognitive testing was conducted on the Version II questionnaire to measure how respondents might interpret and respond to new or revised questions. The cognitive testing process involved a series of standardized probes that were introduced at specified points in the draft questionnaire used to interview respondents. The objective was to identify any questions or response categories that posed problems for respondents with encoding, recall or decision processes prior to the full implementation of the survey.

A total of nine one-on-one cognitive interviews were conducted on December 7, 2005, with persons selected from the general public. The cognitive interviews were conducted by two researchers from SRBI: one who asked the basic survey questions and another who asked the cognitive probes. This two-person approach was utilized to ensure that all of the appropriate questions were asked for both the regular survey and the cognitive testing.

The cognitive testing of the instrument was performed by adding probes at various points during the interview designed to measure respondents' understanding of the questions and response options being offered. Illustrative probes used in the cognitive testing included the following:

- Please restate this question in your own words.
- What does.... mean to you?
- Are there any other answer categories I should have provided?
- As I read the following items, please tell me if any are confusing.
- Is there another term we should use?
- What types of answers did you think I was looking for?
- Was this question hard to answer?
- Can you rephrase the question to make it clearer?
- How did this question differ from the previous question?
- What part of the question did you focus on when you came up with your answer?

Respondents indicated a basic level of understanding of the questions asked and were able to accurately rephrase questions when probed. Respondents also indicated a basic level of understanding of specific words and phrases when probed. When asked to discuss the thought process for some questions, respondents tended to indicate that they generally thought about their own experiences when answering questions. Those respondents familiar with specific aspects of child safety seats were able to describe them and (on occasion) offer suggestions for alternative item descriptions. As a result of the cognitive testing, several questions and answer selections were modified slightly for clarity.

### Sample Construction

Most of the statistical formulas associated with sampling theories are based upon the assumption of simple random sampling. Specifically, the statistical formulas for specifying the sampling precision (estimates of sampling variance), given particular sample sizes, are premised on simple random sampling. Unfortunately, random sampling requires that all of the elements in the population have an equal chance of being selected. Since no enumeration of the total population of the United States (or its subdivisions) is available, all surveys of the general public are based upon an approximation of the actual population and survey samples are generated by a process closely resembling true random sampling.

The survey samples were based on a modified stratified random digit dialing method, using an area probability/RDD sample rather than a single-stage/RDD sample. There are several important advantages to using an area probability base: (1) it draws the sample proportionate to the geographic distribution of the target population rather than the geographic distribution of telephone households, which is vital to constructing unbiased population estimates from telephone surveys; (2) it allows greater geographic stratification of the sample to control for known geographic differences in non-response rates; and (3) it facilitates the use of Census estimates of population characteristics to weight the completed sample to correct for other forms of sampling and non-sampling bias. Moreover, the precision of sample estimates is generally improved by stratification.

Hence, as specified for the study design for the survey, the adult household population of the United States was stratified by the ten NHTSA regions. The estimated distribution of the population for 2007 by stratum was calculated on the basis of the Bureau of the Census, Interim State Projections of Population by Single Year of Age and Sex: July 1, 2004 to 2030, (release date, April 21, 2005). At the time of the survey, these were the most recent projections of the distribution of adult population by state. Based on the Census data on the geographic distribution of the target population, the total sample was proportionately allocated by stratum. The expected geographic allocation of the cross-sectional sample for the survey is presented in Table 1 (this table does not include the 1,500 cases from the over-sample).

Once the sample had been geographically stratified with sample allocation proportionate to population distribution, a sample of assigned telephone banks was randomly selected from an enumeration of the Working Residential Hundreds Blocks of the active telephone exchanges within the region. The Working Residential Hundreds Blocks were defined as each block of 100 potential telephone numbers within an exchange that included 3 or more residential listings. (Exchanges with one or two listings were excluded because in most cases such listings represent errors in the published listings). The sampling frame for working hundreds blocks in all surveys using random digit dialing is restricted to land-line telephones since there are no public listings of cell phones. Further, federal law prohibits the use of auto-dialers in calling of cell phone numbers. Hence, any known cell phone banks and numbers ported from land-line to cell phone are systematically excluded from the RDD land-line samples.



**TABLE 1  
Population Aged 16 and Older by NHTSA Region:  
2007 Projections for National Cross-Section Survey of 4,500\***

		Population	Proportion	Cross-Section Sample
		235,697,149	100.00%	(4,500)
Region I	CT, ME, MA, NH, RI, VT	11,632,801	4.94%	222
Region II	NJ, NY	22,366,056	9.49%	427
Region III	DE, DC, MD, PA, VA, WV	23,264,667	9.87%	444
Region IV	AL, FL, GA, KY, MS, NC, SC, TN	46,141,934	19.58%	881
Region V	IL, IN, MI, MN, OH, WI	40,583,984	17.22%	775
Region VI	AR, LA, NM, OK, TX	27,713,138	11.76%	529
Region VII	IA, KS, MO, NE	10,456,325	4.44%	200
Region VIII	CO, MT, ND, SD, UT, WY	7,741,611	3.28%	148
Region IX	AZ, CA, HI, NV	36,229,526	15.37%	692
Region X	AK, ID, OR, WA	9,567,107	4.06%	183

\*Does not include the 1,500 cases from the over-sample)

Source: Interim State Projections of Population by Single Year of Age and Sex: July 1, 2004 to 2030, U.S. Bureau of the Census, Population Division, Populations Projections Branch, <http://www.census.gov/population/www/projections/projectionsagesex.html>, (release date, April 21, 2005).

In the third stage sample, a two-digit number was randomly generated by computer for each Working Residential Hundreds Block selected in the second stage sample. This third stage sampling process is the random digit dialing (RDD) component. Every telephone number within the Hundreds Block has an equal probability of selection, regardless of whether it is listed or unlisted.

The third stage RDD sample of telephone numbers was then dialed by SRBI interviewers to determine which were currently working residential household phone numbers. Non-working numbers and non-residential numbers were immediately replaced by other RDD numbers selected within the same stratum in the same fashion as the initial number. Ineligible households (e.g., no adult in the household, language barriers other than Spanish) were also immediately replaced. Non-answering numbers were not replaced until the research protocol (in this study, a ten-call protocol) was exceeded.

#### Screening to Determine Household Eligibility

The sample construction process yielded a population-based, random digit dialing sample of telephone numbers. The systematic dialing of those numbers to obtain a residential contact yielded a random sample of telephone households. The next step was to select eligible households within the total sample of working numbers.

An adult respondent at each number drawn into the sampling frame was contacted about the composition of the household. Telephone numbers that yielded non-residential contacts such as businesses, churches, and college dormitories, were screened out. Only households, i.e., residences in which any number of related individuals or no more than five unrelated persons living together, were eligible for inclusion in the sample. This minimal screening was only to ascertain that the sample of telephone numbers reached by interviewers was residential households.

### Selection of Respondent Within Household

The multi-stage sampling process described in the previous sections yielded a random national sample of households with telephones, drawn proportionate to the population distribution. The final stage required the selection of one respondent per household for the interview.

A systematic selection procedure was used to select one designated respondent for each household sampled. First, the total number of age-eligible adults in the household was ascertained from a household informant. If there was only one eligible adult in the household that individual was the designated respondent. If there was more than one age eligible respondent in the household, the number of eligible males and females was ascertained.

The "most recent/next birthday method" was used for within household selection among multiple eligibles. The most recent/next birthday procedure has been widely used for two decades because it permits unbiased systematic selection without requiring full household enumeration.<sup>1</sup> The Within Household Selection Procedure is presented in Figure 1.

In the 2003 MVOSS and previous surveys, the CATI program included a gender quota by geographic division in order to avoid the over-representation of women that usually occurs in random digit dialing surveys even when the most recent birthday selection procedure is used. In the 2007 MVOSS the gender quota was dropped in favor of a probability based selection procedure designed to avoid an over-representation of women. When the age eligible respondents were exclusively from one gender in a household, the most recent birthday screen was applied. However, when there were age eligible respondents in the household from both genders, the program selected the eligible gender for that household according to an algorithm that sampled males at a higher rate than females when both were present. The program then asked for the selected gender in the household who had the most recent/next birthday. The CATI system alternated the "most recent" and "next" birthday specification for the selected respondent to avoid a temporal bias for birthdays before (or after) the field period.

---

<sup>1</sup> Salmon, C. and Nichols, J. The Next-Birthday Method of Respondent Selection, Public Opinion Quarterly, 1983, Vol. 47, pp.270-276.

**FIGURE 1**  
**Within Household Selection Procedure:**  
**Adult Cross-Section**

TIME START: \_\_\_\_\_ TIME END: \_\_\_\_\_  
DATE: \_\_\_\_\_ BATCH #: \_\_\_\_\_ CATI RESP. #: \_\_\_\_\_  
SAMPLE POINT #: \_\_\_\_\_ GENDER OF RESP.: MALE [ ] FEMALE [ ]  
RESP PHONE NUMBER: \_\_\_\_\_  
RESP POSITION IN HOUSEHOLD: \_\_\_\_\_  
INTERVIEWER NAME: \_\_\_\_\_  
THIS INTERVIEW IS A: COMPLETE [ ] CALLBACK FOR COMPLETION [ ]  
TERMINATE AT Q \_\_\_\_\_ [ ]

-----  
INTRODUCTION TO BE ADMINISTERED TO ANY ADULT HOUSEHOLD MEMBER:

Hello, I'm \_\_\_\_\_ calling for the U.S. Department of Transportation. We are conducting a national study of Americans' driving habits and their attitudes about current driving laws. (If you would like to learn more about the survey, you can call our toll-free number at 1-888-772-4269 or visit the DOT website at [www.nhsta.dot.gov](http://www.nhsta.dot.gov).)

A1 How many persons, age 16 and older, live in this household?

\_\_\_\_\_ Number of 16+ persons **IF ONLY 1 PERSON, SKIP TO A3**

A2 How many of those adults are (women/men)?

\_\_\_\_\_ Number of women  
\_\_\_\_\_ Number of men  
99 Refused

A3 **IF A1=1 READ:** May I please speak to him or her?

**IF A1>1 READ:** In order to select just one person to interview, may I please speak to the (GENDER, If Refused in A2, read-in: "person") in your household, age 16 or older, who (has had the most recent/will have the next) birthday?

1 Designated Respondent on line **GO TO D1**  
2 Someone else **GO TO D**  
3 Schedule callback

[ARRANGE CALLBACK AND RECORD IT, ALONG WITH THE RESPONDENT'S FIRST NAME OR HH POSITION, ON THE SAMPLE SHEET. ATTACH THIS SHEET TO SAMPLE AFTER FILLING OUT APPLICABLE RESPONDENT INFO AT THE TOP. WHEN THE NEXT INTERVIEWER REACHES THIS PERSON, THEY WILL ENTER Q1 AS C1]

Young Adult Over-Sample

The survey design specified an over-sample of 16-39 year olds in the achieved sample in order to permit more detailed analysis of this subset of the population. A random sample of all persons age 16 and over in an RDD sample of 6,000 households yields too few individuals in this range to allow very close examination. Therefore, to increase the sub-sample sizes of the 16-39 year olds, within a projectable national sample, an independent national sample was conducted of that population. The allocation of sample by region for the young adult over-sample was proportional to the regional distribution of that population. The household selection procedure through RDD was the same for the over-sample as for the national cross-sectional sample.

The screening criteria for the over-sample were different from the simple cross-section in that households were screened for persons age 16 to 39. This systematic screening of a national probability sample of households for a subset of the total household population should yield a random sample of that population. As in the case of the simple cross-sectional sample, if there was only one eligible respondent in the household then he or she was selected. If there was more than one eligible respondent, then the "most recent/next birthday" method of selection was used. The over-sample screener script is presented in Figure 2.

**FIGURE 2  
Within Household Selection Procedure:  
Young Adult Over-Sample**

TIME START: \_\_\_\_\_ TIME END: \_\_\_\_\_  
DATE: \_\_\_\_\_ BATCH #: \_\_\_\_\_ CATI RESP. #: \_\_\_\_\_  
SAMPLE POINT #: \_\_\_\_\_ GENDER OF RESP.: MALE [ ] FEMALE [ ]  
RESP PHONE NUMBER: \_\_\_\_\_  
RESP POSITION IN HOUSEHOLD: \_\_\_\_\_  
INTERVIEWER NAME: \_\_\_\_\_

THIS INTERVIEW IS A: COMPLETE [ ] CALLBACK FOR COMPLETION [ ]  
TERMINATE AT Q \_\_\_\_\_ [ ]

-----  
INTRODUCTION TO BE ADMINISTERED TO ANY ADULT HOUSEHOLD MEMBER:

Hello, I'm \_\_\_\_\_ calling for the U.S. Department of Transportation. We are conducting a national study of Americans' driving habits and their attitudes about current driving laws. (If you would like to learn more about the survey, you can call our toll-free number at 1-888-772-4269 or visit the DOT website at [www.nhsta.dot.gov](http://www.nhsta.dot.gov).)

B1 How many persons, age 16-39, live in this household?

\_\_\_\_\_ Number of 16-39  
(VOL) None

**IF ONLY 1 PERSON, SKIP TO B3  
THANK AND SCREEN OUT**

B2 How many of those 16-39 year old adults are (women/men)? **NONE=00.**

\_\_\_\_\_ Number of women  
\_\_\_\_\_ Number of men  
99 Refused

**IF BOTH MEN AND WOMEN, SELECT MALE 60%/FEMALE 40%.**

B3 **IF B1=1 READ:** May I please speak to him or her?

**IF B1>1 READ:** In order to select just one person to interview, may I please speak to the (GENDER, If Refused in A2, read-in: "person") in your household, age 16 - 39 who (has had the most recent/will have the next) birthday?

1 Designated Respondent on line **GO TO D1**  
2 Someone else **GO TO D**  
3 Schedule callback

[ARRANGE CALLBACK AND RECORD IT, ALONG WITH THE RESPONDENT'S FIRST NAME OR HH POSITION, ON THE SAMPLE SHEET. ATTACH THIS SHEET TO SAMPLE AFTER FILLING OUT APPLICABLE RESPONDENT INFO AT THE TOP. WHEN THE NEXT INTERVIEWER REACHES THIS PERSON, THEY WILL ENTER Q1 AS D2]

**2007 Motor Vehicle Occupant Safety Survey: Methodology**

Table 2 presents the national population estimates and projected sample distribution by age and sex for the total sample of 6,000 respondents in each survey, including the cross-sectional sample of 4,500 respondents and the over-sample of 1,500 persons aged 16-39.

<b>TABLE 2</b>					
<b>Population and Expected Sample Distribution</b>					
	<b>Population</b>		<b>Expected sample distribution</b>		
	<b>Total Population</b>	<b>%</b>	<b>Cross-Sectional Sample</b>	<b>Young Adult Sample</b>	<b>Total</b>
Total (16+)	235,697,149	100.0%	4,500	1,500	6,000
Males (16+)	114,463,297	48.6%	2,187	761	2,948
16-20	11,059,867	4.7%	212	167	379
21-29	19,107,581	8.1%	365	288	653
30-39	20,280,473	8.6%	387	306	693
40-64	48,156,899	20.4%	918		918
65+	15,858,477	6.7%	302		302
Females (16+)	121,233,582	51.4%	2,313	739	3,052
16-20	10,509,998	4.5%	203	159	362
21-29	18,412,177	7.8%	351	277	629
30-39	20,078,017	8.5%	383	303	686
40-64	50,242,465	21.3%	959		959
65+	21,991,195	9.3%	419		419

Source: Interim State Projections of Population by Single Year of Age and Sex: July 1, 2004 to 2030, U.S. Bureau of the Census, Population Division, Populations Projections Branch, <http://www.census.gov/population/www/projections/projectionsagesex.html>, (release date, April 21, 2005).

## **2007 Motor Vehicle Occupant Safety Survey: Methodology**

### Contact Attempts

Initial telephone contact was attempted during the hours of the day and days of the week that have the greatest probability of respondent contact. The primary interviewing period was from 5:30 p.m. to 9:30 p.m. on weekdays, from 9:00 a.m. to 9:30 p.m. on Saturdays, and from 10:00 a.m. to 9:30 p.m. on Sundays (all are local time). Since interviewing was conducted across time zones, the interviewing shift lasted until 12:30 a.m. Eastern Time (9:30 p.m. Pacific Time).

If the interview was not conducted at the time of initial contact, the interview was rescheduled at a time convenient to the respondent. Although initial contact attempts were made on evenings and weekends, daytime interviews were scheduled when necessary. If four telephone contacts on the night and weekend shifts did not elicit a household contact, the fifth contact was attempted on a weekday during the daytime.

Interviewers attempted a minimum of 12 calls to each telephone number to reach a household. When the household was reached, the interviewer asked to speak to an adult to screen the household for eligibility and to determine the designated respondent. When the designated respondent was reached but an interview at that time was inconvenient or inappropriate, interviewers set up appointments with respondents. When contact was made with the household, but the designated respondent was not available, interviewers probed for appropriate callback times for an appointment. After a household was reached, an additional 10 calls were made to reach and interview the designated respondent.

The contact protocol specified that the fifth call to reach a household be made during weekdays. Messages were left on the answering machine on the sixth, eighth and tenth calls, if an answering machine was encountered on those attempts. The first answering machine message explained that the household had been selected as part of a USDOT study of American driving habits and attitudes, and asked the respondent to call SRBI's toll-free number to schedule an interview. The subsequent answering messages also included the DOT website where they could get more information about the study.

Once a household had been reached, up to 10 additional contact attempts were made to reach the designated respondent. These additional contact attempts were set to occur every 47 hours unless a scheduled callback was made with a respondent. Additional daytime contact attempts were made, along with nights and weekends. Additional answering machine messages were left periodically during the extended callback period. Although the maximum number of contact attempts was 22 according to the study protocol (12 to reach a household and 10 to interview the designated respondents), additional callbacks were made if requested by the designated respondent.

### Spanish Language Interviews

Spanish language versions of the two survey instruments were developed in order to eliminate language barriers for a small proportion of the U.S. adult population. The questionnaires were translated into Spanish by a professional translation firm. The Spanish

## **2007 Motor Vehicle Occupant Safety Survey: Methodology**

questionnaires were then back-translated to English by a different translator and checked for comparability. Any translations that were not comparable were revised to be accurate and precise to the original intent of the English questionnaire.

If the interviewer encountered a language barrier at the telephone number, either with the person answering the phone or with the designated respondent, the interviewer thanked the person and terminated the call. If the case was designated as Spanish language, it was turned over to the next available Spanish-speaking interviewer.

All households in which a language barrier (Spanish) was encountered were assigned to a Spanish-speaking interviewer. These bilingual interviewers re-contacted the Spanish-speaking households to screen for eligibility and conduct interviews with eligible respondents.

### Refusal Conversion

The process of converting terminations and refusals, once they had occurred, involved the following steps. First, there was a diagnostic period, when refusals and terminations were reported on a daily basis and the Project Director and Operations Manager reviewed them after each shift to see if anything unusual was occurring. Second, after enough time had passed to see a large enough sample of refusals and terminations, the Project Director and his staff developed a refusal conversion script. Third, the refusal conversion effort was fielded with reinterview attempts scheduled about a week after the initial refusal. Fourth, the Project Director and Operations Manager received the outcomes of the refusal conversion efforts on a daily basis. Minor revisions of the script and the procedures were made, as needed. The final refusal conversion script is shown in Figure 3, on the following two pages.



**FIGURE 3  
Refusal Conversion Script**

Hello, my name is \_\_\_\_\_. I am a field supervisor with SRBI, a national research organization in New York. I believe that someone in your household may have been contacted by one of our interviewers concerning a public policy study that we are conducting for the U.S. Department of Transportation in Washington, D.C.

- Yes, respondent.....1
- Yes, other.....2
- No, don't recall.....3

1. In order to assess the effectiveness of current traffic laws, the U.S. Department of Transportation is conducting a study of Americans' attitudes about current driving laws. It is a public opinion study that will help the government to consider traffic laws in light of what the public really wants and does. It only takes about fifteen minutes and it's strictly confidential.

- Willing to proceed.....1 GO TO SELECTION GRID
- Refuses.....2

2. I understand. My job as a field supervisor is to find out if there are any problems with our surveys or interviewers that are discouraging people from participating. Could you tell me if we have done something wrong or is there something about the interview that concerns you?

IF: I don't do surveys.

ANSWER: I understand, but this survey examines whether our traffic laws are realistic and appropriate in terms of what people really want and really do. The results may affect laws in your state. It is really important.

IF: I don't know if you are who you say you are.

ANSWER: I can give you our 800 number to call and confirm the authenticity of the study.

IF: I don't know how the results will be used.

ANSWER: The Department of Transportation has been charged to collect information about public opinion and behavior related to traffic laws, in order to assist them in determining whether certain laws should be changed or not. That's why we need to talk to you.

IF: I don't drive.

ANSWER: Then the interview should only take a few minutes. Even if you don't drive, we need to get your opinion about some traffic laws that may affect you as a pedestrian. We also need a little background about non-drivers, but it won't take long at all.

**FIGURE 3  
Refusal Conversion Script  
(continued)**

IF: Don't know enough.

ANSWER: This is an opinion survey about driving, traffic safety and traffic laws based on your experience. We need to talk to all kinds of people to get a true picture of what ordinary Americans think, not just what "experts" say.

IF: I don't want the government to know about me/ what I do.

ANSWER: The interview is strictly confidential. Your telephone number was selected at random. As soon as we complete the interview and verify it, we destroy the phone number. No one will ever know who you are. We do this so that you can be comfortable in telling us what you really think, not what you think the government wants to hear.

IF: It's a bad time.

ANSWER: We can schedule a callback for a time that would be good for you.

Date \_\_\_\_\_ Time \_\_\_\_\_

IF STILL HESITANT SAY:

It is really important that we represent the views and experience of people like yourself so that the findings will be fair and accurate. You don't often get a chance to participate in studies that may affect the laws in your community. It's really important and we really want to represent your household in the study. If now is a bad time, we can schedule the interview during the day, in the evening, or on the weekend whenever is better for you.

(IF SUGGESTS A TIME MORE THAN TWO WEEKS HENCE:

We are supposed to finish the study by the end of (February/March). Could we find some time this week (or next) to do the interview?)

Date \_\_\_\_\_ Time \_\_\_\_\_

IF AGREEABLE, GO TO THE SELECTION GRID.

IF STILL REFUSES, THANK AND COMPLETE.

## 2007 Motor Vehicle Occupant Safety Survey: Methodology

### OMB Requested Experiments - Pre-notification and Cell Phone

In an attempt to better determine the most effective ways to improve sample estimates from the survey, the Office of Management and Budget (OMB) suggested that the 2007 MVOSS include two experiments: 1) a test of the effect of pre-notification letters on response rate in an RDD survey and 2) a test of the use of a cell phone sample to recruit cell phone only households into a national RDD survey. These experiments were conducted using the Questionnaire A version of MVOSS.

#### Pre-notification Experiment

Using replicate samples from the national RDD sample, two samples of 1,000 households were constructed. The telephone numbers drawn for both samples were submitted to an electronic telephone number/name and address matching service. The matches are made on the basis of telephone directory listings. The proportion of matched numbers out of the total sample was 37.9% for the first sample (AE1a) and 39.2% for the second sample (AE1b).

The drawn sample in both replicates was fielded for the telephone survey. However, the sub-sample for which name and address had been obtained in the first sample was sent a pre-notification letter informing the household that they had been selected to participate in the study. The letter contained a toll-free number and the DOT website address. These households and the control group (sample not sent a pre-notification letter) were first contacted about one week after the letters were mailed.

Tables 3a and 3b provide detailed sample information for both the pre-notification sample and the control sample. A total of 4995 numbers were dialed for this experiment (2384 pre-notification, 2611 control). Approximately 38% of the total numbers dialed in each sample were usable numbers. Of these usable numbers, nearly half (46% for the pre-notification sample and 48% for the control sample) were screened contacts.

The purpose of the experiment was to determine whether a pre-notification letter would increase response rate in a random digit dialing survey, such as MVOSS. In this experiment, however, we found no significant difference in the response rates and participation rates between the two samples. The response rate for the two samples using America Association of Public Opinion Research Response Rate 3 (AAPOR 3) is calculated using a four-step process:

1. Compute A' - estimate the number of qualified households/respondents for which eligibility was undeterminable (i.e., no answer/busy). This proportion is based on the percentage of usable (T2) numbers from the total numbers dialed;
2. Compute B' - estimate the number of eligible respondents based on the percentage of the total contacts screened minus the screenouts (ineligible because of age) divided by the total number of contacts screened;
3. Compute C' - sum the total number of eligible (screened) estimated eligible (not screened, eligibility unknown) respondents; and

## 2007 Motor Vehicle Occupant Safety Survey: Methodology

4. Compute D' (response rate) - divide the total number of completed interviews by the sum of the total number of eligible (screened) estimated eligible (not screened, eligibility unknown) respondents (C').

The participation rate is calculated as the number of completed interviews and screenouts divided by the combined total number of completed interviews, screenouts, terminated interviews, and refusals to interview. The participation rate for the pre-notification sample was 63.88% compared to 62.90% for the control sample. The response rate for the pre-notification sample was 45.60% compared to 45.64% for the control sample. The 731 completed interviews (352 from the pre-notification sample and 379 from the control sample) from both samples used in this experiment are included in the data set.

**2007 Motor Vehicle Occupant Safety Survey: Methodology**

**TABLE 3a**  
**Sample Disposition - Pre-notification Experiment - Pre-notification Sample**

		Original Count	Estimated Qualified Household*	Estimated Response Eligible
<b>T1</b>	<b>Version 1, 2007</b>			
	<b>TOTAL</b>	<b>2384</b>		
<b>A</b>	<b>NON-Usable Numbers</b>	<b>1470</b>		
A				
1	NIS/DIS/Change#/Intercepts	1131		
A				
2	Non-residential #	207		
A				
3	Computer/Fax tone	126		
A				
4	Line problem	6		
<b>T2</b>	<b>Total Usable Numbers</b>	<b>914</b>		
<b>B</b>	<b>UNKNOWN ELIGIBLE HOUSEHOLD*^</b>	<b>209</b>	<b>80</b>	<b>79</b>
B1	Probable unassigned number	62		
B2	No answer/Busy	94		
B3	Answering machine	53		
<b>C</b>	<b>NOT ELIGIBLE RESPONDENT^</b>	<b>70</b>	<b>70</b>	<b>69</b>
C1	Language barrier	15		
C2	Health/Deaf	44		
C3	Respondent away for duration	11		
<b>D</b>	<b>UNKNOWN ELIGIBLE RESPONDENT^</b>	<b>218</b>		<b>214</b>
D				
1	Callback (10 attempts)	41		
D				
2	Spanish Callback not screened	1		
D				
3	Refusals not screened	176		
<b>E</b>	<b>CONTACTS SCREENED</b>	<b>65</b>		
E1	Qualified callback	31		31
E2	Refusals – Qualified	27		27
E3	Terminates	0		0
E4	Screenouts (no one 16 or older)	7		
<b>F</b>	<b>COMPLETE</b>	<b>352</b>		<b>352</b>
<b>A'</b>	<b>ESTIMATED ELIGIBLE HH RATE = T2/T1</b>	<b>38.34%</b>		
	<b>ELIGIBLE RESPONSE RATE = E+F-</b>			
<b>B'</b>	<b>E4/(E+F)</b>	<b>98.32%</b>		
<b>C'</b>	<b>SUM RESPONSE ELIGIBLE COUNT</b>			<b>772</b>
<b>D'</b>	<b>RESPONSE RATE = F/C'</b>			<b>45.60%</b>
	<b>Participation Rate</b>	<b>63.88%</b>		

\*Estimated Qualified HH=Original Count \* A'

^Response Eligible = Qualified Household Count \* B'

**2007 Motor Vehicle Occupant Safety Survey: Methodology**

**TABLE 3b**  
**Sample Disposition - Pre-notification Experiment- Control Sample**

	Version 1, 2007	Original Count	Estimated Qualified Household*	Estimated Response Eligible
<b>T1</b>	<b>TOTAL</b>	<b>2611</b>		
<b>A</b>	<b>NON-Usable Numbers</b>	<b>1629</b>		
A				
1	NIS/DIS/Change#/Intercepts	1060		
A				
2	Non-residential #	428		
A				
3	Computer/Fax tone	133		
A				
4	Line problem	8		
<b>T2</b>	<b>Total Usable Numbers</b>	<b>982</b>		
<b>B</b>	<b>UNKNOWN ELIGIBLE HOUSEHOLD*^</b>	<b>211</b>	<b>79</b>	<b>77</b>
B1	Probable unassigned number	62		
B2	No answer/Busy	86		
B3	Answering machine	63		
<b>C</b>	<b>NOT ELIGIBLE RESPONDENT^</b>	<b>79</b>	<b>79</b>	<b>77</b>
C1	Language barrier	21		
C2	Health/Deaf	44		
C3	Respondent away for duration	14		
<b>D</b>	<b>UNKNOWN ELIGIBLE RESPONDENT^</b>	<b>223</b>		<b>218</b>
D				
1	Callback (10 attempts)	41		
D				
2	Spanish Callback not screened	1		
D				
3	Refusals not screened	181		
<b>E</b>	<b>CONTACTS SCREENED</b>	<b>90</b>		
E1	Qualified callback	30		30
E2	Refusals – Qualified	49		49
E3	Terminates	0		0
E4	Screenouts (no one 16 or older)	11		
<b>F</b>	<b>COMPLETE</b>	<b>379</b>		<b>379</b>
<b>A'</b>	<b>ESTIMATED ELIGIBLE HH RATE =T2/T1</b>	<b>37.61%</b>		
	<b>ELIGIBLE RESPONSE RATE = E+F-</b>			
<b>B'</b>	<b>E4/(E+F)</b>	<b>97.65%</b>		
<b>C'</b>	<b>SUM RESPONSE ELIGIBLE COUNT</b>			<b>830</b>
<b>D'</b>	<b>RESPONSE RATE = F/C'</b>			<b>45.66%</b>
	<b>Participation Rate</b>	<b>62.90%</b>		
*Estimated Qualified HH=Original Count * A'				
^Response Eligible = Qualified Household Count * B'				

### Cell Phone Experiment

Traditionally, national population-based surveys are conducted via telephone using a Random Digit Dialing (RDD) sampling procedures. The robustness of the RDD method is based on the premise that it provides a sampling frame from which a relatively unbiased sample of the national population can be derived. The introduction of the cell, mobile, or wireless phone, however, has led some households to substitute cell phones for traditional landline telephone service. In fact, other studies have shown that the percentage of cell phone only households has steadily increased, from approximately 4% in 2004 to 8% in 2005 to nearly 13% in 2006 (Blumberg, 2007). This trend toward cell phone only households in the United States suggests that the exclusion of cell phone only households in a national random sample may increase the likelihood of under-coverage bias and thus have potential implications regarding the robustness of inferences made from traditional RDD methodology which only uses landlines (Ivie et al., 2006; Brick et al., 2007; Blumberg et al., 2006; Blumberg et al., 2007).

A limited number of studies have shown that cell-only households differ from the landline households. Demographically, cell phone only individuals tend to be younger and less affluent. Also, researchers have found that higher proportions of cell-only households (compared to landline households) are minority, single and rent rather than own their place of residence (Keeter, 2006; Blumberg, 2007). More importantly, as researchers begin to incorporate methods to survey households that are cell-only, substantive differences, in addition to demographic characteristics, between cell-only and landline households are also being discovered (Blumberg, 2006).

The exclusion of the cell phone only population poses some particular concerns for the Motor Vehicle Occupant Safety Survey. Young adults, aged 16-39, are over-sampled in the surveys because they are more likely to be involved in crashes, so adult occupant safety issues are important, and they are more likely to have children for whom child restraint issues need to be addressed. To address concerns about the potential bias in survey estimates introduced by the exclusion of cell phone only households from the sampling frame, the Office of Management and Budget suggested an experiment as part of the 2007 MVOSS to assess the need and feasibility of conducting a survey of the cell-only population.

The first goal of the cell phone experiment was to determine the degree of bias introduced into key survey estimates by the exclusion of the cell phone only households. The second objective was to determine whether demographic weighting of the landline sample could correct for the coverage bias. The third objective of the experiment was to gauge whether cell-only individuals could be recruited to participate in a full 20-minute interview via a landline phone or the Internet so that coverage bias could be corrected by direct measurement rather than weighting.

The Telecordia TPM data file was used as the sampling frame for the cell phone survey. Those prefixes and blocks whose NXX type was cellular or ported were included. In addition, those blocks identified as mixed or shared blocks were included if they were not found in a national list assisted RDD sampling frame. The sample was geographically stratified based on the state code of the billing center for the number. The full 50 states and the District of

## 2007 Motor Vehicle Occupant Safety Survey: Methodology

Columbia were included in the sampling frame. A systematic selection of 100 blocks was employed in a series of replicate samples with randomization of the last two digits.

The target sample size for the national cell phone survey was 500 completed interviews. The 2006 Pew Cell Phone Survey found that more than 20% of the respondents to a national cell phone survey were cell phone only. Hence, a sample of 500 completed cell phone interviews was expected to yield more than 100 interviews with cell phone only respondents. This was viewed as an appropriate size to meet the objectives of the experiment in a cost efficient manner.

A total of 5,597 numbers were dialed to complete 502 short (7-minute) cell phone interviews with eligible respondents. More than half of the numbers dialed (53%) were non-working. Approximately 7% of the respondents reached by cell phone were ineligible either due to age (under age 16) or exclusively business phone. The AAPOR 3 response rate for the cell phone survey was 22.5%. Two in five respondents in the completed sample were cell phone only households. Nearly sixty percent of the cell phone only sample completed the full interview (102 via phone, 17 via Internet). The cell phone only respondents were invited to participate in the full 20-minute MVOSS interview (via phone or the Internet).

The cell phone only sub-sample differed significantly from the landline plus cell phone sub-sample on several demographic characteristics. The vast majority of cell-only households were comprised of the younger age cohorts. While nearly 4 in 10 (38%)<sup>2</sup> of the cell-only households were in the 16 - 24 age range, only 10% of the cell and landline households were in this same age group. Education level was also statistically significant when comparing the two sub-samples (cell-only versus both cell and landlines). A smaller proportion of cell-only households were college graduates (25%) compared to respondents who had both cell and landlines in their households (36%).

Similarly, household income was significantly lower for persons from cell-only households compared to those from cell and landline households. Seven in ten of the cell phone only respondents had incomes under \$50,000, compared to only 41% of the persons with cell phones and landlines. By contrast, those from households with both cell phone and landlines were more than twice as likely to have incomes over \$100,000 (17%) compared to the cell phone only respondents (7%).

When comparing cell phone only respondents to landline respondents on several key motor vehicle occupant habits and attitudes, we found only one significant difference. When asked how often they wear their seat belts when riding in the front seat (not as the driver), 87% of the landline respondents indicated that they wore their seat belt all of the time, compared to only 74% of the cell-only respondents. This difference is statistically significant.

As earlier research has suggested (and this experiment confirms), cell-only households have a higher proportion of the younger age cohort. For MVOSS this may become an important issue especially if there are differences between the cell-only and landline households within this age cohort in vehicle occupant habits and attitudes. However, when comparing cell phone only

---

<sup>2</sup> Significance statistics exclude respondents who answered "don't know" or "refused."



## **2007 Motor Vehicle Occupant Safety Survey: Methodology**

respondents to landline respondents in the 30 and under age cohort on several key motor vehicle occupant habits and attitudes, we found no major differences. Additionally there were only two statistically significant demographic differences: a higher proportion of the 21-24 age cohort in the cell-only sample (35% cell-only, 21% cell and landline) and a higher proportion of cell-only respondents reporting a total household income of less than \$5,000 (13% cell-only, 6% cell and landline).

In summary, the results of the cell phone experiment suggest that 1) while there are significant demographic differences between cell-only and landline households; there were no great differences in key motor vehicle occupant habits and attitudes estimates; thus 2) demographic weighting of the landline sample (i.e., age, income and education-level) might be employed to correct for the coverage bias; and 3) cell-only individuals are willing to participate in a full 20-minute interview via a landline phone more so than the Internet (suggesting that it might be possible to correct possible coverage bias by direct measurement rather than weighting).

The completed surveys from this experiment are not included in the final data analysis. After discussing with OMB how these completed surveys should be incorporated, it was decided that the size of the weights required to incorporate the cell-only respondents would introduce too much design effects into the estimates.

## **2007 Motor Vehicle Occupant Safety Survey: Methodology**

### Field Outcomes

Survey data collection by the Federal government requires prior approval by the Office of Management and Budget (OMB). NHTSA published a Notice in the Federal Register soliciting comments on the information collection. The Notice appeared in the Federal Register, 70:131, pages 39851-39852, July 11, 2005. NHTSA then submitted the request for data collection to OMB. OMB approved the information collection on June 30, 2006, assigning it the OMB number 2127-0645 with an expiration date of June 30, 2009.

The field interviewing for the study commenced on January 9, 2007, following training of the field interviewers, and was completed on April 30, 2007. This was about one month longer than the field period for the 2003 Motor Vehicle Occupant Safety Survey (January 8, 2003 to March 30, 2003), in order to accommodate the longer callback protocol. Also, starting with the 2003 study, the field period start for the survey was moved from November-January to January-March in order to permit us to report results in the same calendar year as the data were collected.

A total of 5,908 interviews were conducted using Version 1, including 4,397 for the cross-section and 1,511 for the young adult over-sample. The average interview length for Version 1 was 18.05 minutes for the cross-section and 18.8 minutes for the over-sample. A total of 6010 interviews were completed using Version 2, including 4,510 for the cross-section and 1,500 for the young adult over-sample. The average interview length for Version 2 was 17.0 minutes for the cross-section and 18.8 minutes for the over-sample.

An overview of the sample disposition categories is presented in Figure 4.

**FIGURE 4**  
**Sample Disposition Categories**

NIS/DIS/Change #	The number was not in service, disconnected, or no longer an active number.
Non-residential	The number yielded a contact with a business, government agency, pay telephone, or other identifiable non-residential unit.
Computer/Fax	The number yielded an electronic tone indicating a fax machine or data line. A handful of other non-household numbers are included in this category.
Line problems	These represent dialing attempts that did not result in other standard outcomes and may be bad area codes, or other transient or permanent connection problems.
Probably unassigned	No answers, exclusively, were encountered on every contact over a period of several weeks until the study protocol (10 attempts) was reached.
Non-contact (max)	Answering machines or busy signals, as well as no answers, were encountered on all contact attempts until the study protocol (10 attempts) was reached.
No answer/busy	No household contact ever achieved, but less than 10 attempts. Ring, no answer or repeated busy signal on last attempt.
Answering machine	No household contact ever achieved, but less than 10 attempts. An answering machine was reached at the telephone number.
Language barrier	The interview could not be completed because of language barriers other than Spanish (which was treated as Spanish callback).
Health/Deaf	The designated respondent was unable to participate due to health or deafness.
Away for duration	The designated respondent was out of the area for the entire field period.
Screen-Outs	Households whose eligible participants did not meet the 16-39 age requirement in the over-sample version.
Callback	Contact was made with the household, but not necessarily the designated respondent
Refusal -- Initial	Someone in the household refused before selection of a designated respondent.
Refusal -- Second	Either an extremely strong initial refusal or a second refusal was encountered during refusal conversion, but before selection of a designated respondent.
Qualified Callback	The designated respondent had neither completed, nor refused an interview.
Refusal – Qualified	The designated respondent refused to participate in the survey.
Terminate	A respondent began the interview but refused to finish.
Complete	An interview was completed with the designated respondent.

## 2007 Motor Vehicle Occupant Safety Survey: Methodology

For the Version 1 Cross-Section (age 16 and older)- Seat Belt Usage Issues survey, 4,397 interviews were completed from the 29,564 randomly selected telephone numbers sampled within a geographically stratified national sampling frame (see Table 4). Of the telephone numbers dialed:

- 60% of the numbers were not active residential phone numbers, including 42% pre-screened or individually dialed Not-In-Service or Disconnected Numbers; 12% Business Numbers; and 6% computer, fax, cell phone or line problems;
- 5% of the numbers had reached the maximum number of contacts and were still in a no answer, status, including 1% that were probably unassigned numbers because they were consistently no answers on all ten dialing attempts;
- 1% were households in which the designated respondent was not interviewable (away for an extended period, incapacitated, or deaf) and an additional 0.74% were non-interviewable due to language barriers (non-Spanish); and
- at the close of the field period, 1216 cases (4%) were in callback status and an additional 981 cases (3%) were no answers or answering machines.

The participation rate for the Version 1 Cross-Section (age 16 and older)- Seat Belt Usage Issues survey was 67.35% and the response rate was 48.04%.<sup>3</sup>

For the Version 1 Over Sample (age 16 to 39)- Seat Belt Usage Issues survey, 1,511 interviews were completed from the 33,498 randomly selected telephone numbers sampled within a geographically stratified national sampling frame (see Table 5). Of the telephone numbers dialed:

- 55% of the numbers were not active residential phone numbers, including 38% pre-screened or individually dialed Not-In-Service or Disconnected Numbers; 12% Business Numbers; and 5% computer, fax, cell phone or line problems;
- 12% of the numbers had reached the maximum number of contacts and were still in a no answer, status, including 4% that were probably unassigned numbers because they were consistently no answers on all ten dialing attempts;
- 0.69% were households in which the designated respondent was not interviewable (away for an extended period, incapacitated, or deaf) and an additional 0.63% were non-interviewable due to language barriers (non-Spanish); and
- at the close of the field period, 903 cases (3%) were in callback status and an additional 2986 cases (9%) were no answers or answering machines.

The participation rate for the Version 1 Over Sample (age 16 to 39)- Seat Belt Usage Issues survey was 77.95% and the response rate was 45.01%.

---

<sup>3</sup> See page 19 for an explanation of how the response rate and participation rate is calculated.

**TABLE 4**  
**Sample Disposition - Version 1 Cross-section, Seat Belt Usage Issues: 2007**

<b>Version 1, 2007</b>	<b>Original Count</b>	<b>Estimated Qualified Household*</b>	<b>Estimated Response Eligible</b>
<b>T1 TOTAL</b>	<b>29564</b>		
<b>A NON-Usable Numbers</b>	<b>19489</b>		
A1 NIS/DIS/Change#/Intercepts	13611		
A2 Non-residential #	4011		
A3 Computer/Fax tone	1671		
A4 Line problem	196		
<b>T2 Total Usable Numbers</b>	<b>10075</b>		
<b>B UNKNOWN ELIGIBLE HOUSEHOLD*^</b>	<b>1315</b>	<b>448</b>	<b>445</b>
B1 Probable unassigned number	334		
B2 No answer/Busy	657		
B3 Answering machine	324		
<b>C NOT ELIGIBLE RESPONDENT^</b>	<b>966</b>	<b>966</b>	<b>960</b>
C1 Language barrier	257		
C2 Health/Deaf	609		
C3 Respondent away for duration	100		
<b>D UNKNOWN ELIGIBLE RESPONDENT^</b>	<b>2297</b>		<b>2283</b>
D1 Callback (10 attempts)	647		
D2 Spanish Callback not screened	40		
D3 Refusals not screened	1610		
<b>E CONTACTS SCREENED</b>	<b>1100</b>		
E1 Qualified callback	529		529
E2 Refusals – Qualified	527		527
E3 Terminates	11		11
E4 Screenouts (no one 16 or older)	33		
<b>F COMPLETE</b>	<b>4397</b>		<b>4397</b>
<b>A' ESTIMATED ELIGIBLE HH RATE =T2/T1</b>	<b>34.08%</b>		
<b>ELIGIBLE RESPONSE RATE = E+F-</b>			
<b>B' E4/(E+F)</b>	<b>99.40%</b>		
<b>C' SUM RESPONSE ELIGIBLE COUNT</b>			<b>9,153</b>
<b>D' RESPONSE RATE = F/C'</b>			<b>48.04%</b>
<b>Participation Rate</b>	<b>67.35%</b>		

\*Estimated Qualified HH=Original Count \* A'

^Response Eligible = Qualified Household Count \* B'

**TABLE 5**  
**Sample Disposition - Version 1 Oversample, Seat Belt Usage Issues: 2007**

	Original Count	Estimated Qualified Household*	Estimated Response Eligible
<b>Version 1, 2007</b>			
<b>T1 TOTAL</b>	<b>33498</b>		
<b>A NON-Usable Numbers</b>	<b>18364</b>		
A1 NIS/DIS/Change#/Intercepts	12726		
A2 Non-residential #	3845		
A3 Computer/Fax tone	1613		
A4 Line problem	180		
<b>T2 Total Usable Numbers</b>	<b>15134</b>		
<b>B UNKNOWN ELIGIBLE HOUSEHOLD*^</b>	<b>4163</b>	<b>1881</b>	<b>491</b>
B1 Probable unassigned number	1177		
B2 No answer/Busy	1974		
B3 Answering machine	1012		
<b>C NOT ELIGIBLE RESPONDENT^</b>	<b>441</b>	<b>441</b>	<b>115</b>
C1 Language barrier	211		
C2 Health/Deaf	164		
C3 Respondent away for duration	66		
<b>D UNKNOWN ELIGIBLE RESPONDENT^</b>	<b>2418</b>		<b>632</b>
D1 Callback (10 attempts)	558		
D2 Spanish Callback not screened	47		
D3 Refusals not screened	1813		
<b>E CONTACTS SCREENED</b>	<b>6601</b>		
E1 Qualified callback	298		298
E2 Refusals – Qualified	310		310
E3 Terminates	0		0
E4 Screenouts (no one age 16 to 39)	5993		
<b>F COMPLETE</b>	<b>1511</b>		<b>1511</b>
<b>A' ESTIMATED ELIGIBLE HH RATE =T2/T1</b>	<b>45.18%</b>		
<b>ELIGIBLE RESPONSE RATE = E+F-</b>			
<b>B' E4/(E+F)</b>	<b>26.12%</b>		
<b>C' SUM RESPONSE ELIGIBLE COUNT</b>			<b>3,357</b>
<b>D' RESPONSE RATE = F/C'</b>			<b>45.01%</b>
<b>Participation Rate</b>	<b>77.95%</b>		

\*Estimated Qualified HH=Original Count \* A'

^Response Eligible = Qualified Household Count \* B'

## 2007 Motor Vehicle Occupant Safety Survey: Methodology

For the Version 2 Cross-Section (age 16 and older)- Child Safety Seat Issues survey, 4,510 interviews were completed from the 29,286 randomly selected telephone numbers sampled within a geographically stratified national sampling frame (see Table 6). Of the telephone numbers dialed:

- 67% of the numbers were not active residential phone numbers, including 46% pre-screened or individually dialed Not-In-Service or Disconnected Numbers; 14% Business Numbers; and 6% computer, fax, cell phone or line problems;
- 3% of the numbers had reached the maximum number of contacts and were still in a no answer, status, including 0.61% that were probably unassigned numbers because they were consistently no answers on all ten dialing attempts;
- 2% were households in which the designated respondent was not interviewable (away for an extended period, incapacitated, or deaf) and an additional 0.89% were non-interviewable due to language barriers (non-Spanish); and
- at the close of the field period, 1,414 cases (5%) were in callback status and an additional 654 cases (2%) were no answers or answering machines.

The participation rate for the Version 2 Cross-Section (age 16 and older)- Child Safety Seat Issues survey was 65.86% and the response rate was 47.84%.<sup>4</sup>

For the Version 2 Over Sample (age 16 to 39)- Child Safety Seat Issues survey, 1,500 interviews were completed from the 34,907 randomly selected telephone numbers sampled within a geographically stratified national sampling frame (see Table 7). Of the telephone numbers dialed:

- 55% of the numbers were not active residential phone numbers, including 37% pre-screened or individually dialed Not-In-Service or Disconnected Numbers; 12% Business Numbers; and 5% computer, fax, cell phone or line problems;
- 14% of the numbers had reached the maximum number of contacts and were still in a no answer, status, including 3% that were probably unassigned numbers because they were consistently no answers on all ten dialing attempts;
- 0.64% were households in which the designated respondent was not interviewable (away for an extended period, incapacitated, or deaf) and an additional 0.47% were non-interviewable due to language barriers (non-Spanish); and
- at the close of the field period, 864 cases (2%) were in callback status and an additional 3,970 cases (11%) were no answers or answering machines.

The participation rate for the Version 2 Over Sample (age 16 to 39)- Child Safety Seat Issues survey was 76.59% and the response rate was 46.66%.

---

<sup>4</sup> See page 19 for an explanation of how the response rate and participation rate is calculated.

**TABLE 6**  
**Sample Disposition - Version 2 Cross-section, Child Safety Seat Issues: 2007**

<b>Version 1, 2007</b>	<b>Original Count</b>	<b>Estimated Qualified Household*</b>	<b>Estimated Response Eligible</b>
<b>T1 TOTAL</b>	<b>29286</b>		
<b>A NON-Usable Numbers</b>	<b>19299</b>		
A1 NIS/DIS/Change#/Intercepts	13385		
A2 Non-residential #	4108		
A3 Computer/Fax tone	1684		
A4 Line problem	122		
<b>T2 Total Usable Numbers</b>	<b>9987</b>		
<b>B UNKNOWN ELIGIBLE HOUSEHOLD*^</b>	<b>833</b>	<b>284</b>	<b>284</b>
B1 Probable unassigned number	179		
B2 No answer/Busy	396		
B3 Answering machine	258		
<b>C NOT ELIGIBLE RESPONDENT^</b>	<b>882</b>	<b>882</b>	<b>881</b>
C1 Language barrier	262		
C2 Health/Deaf	572		
C3 Respondent away for duration	48		
<b>D UNKNOWN ELIGIBLE RESPONDENT^</b>	<b>2614</b>		<b>2611</b>
D1 Callback (10 attempts)	786		
D2 Spanish Callback not screened	96		
D3 Refusals not screened	1732		
<b>E CONTACTS SCREENED</b>	<b>1148</b>		
E1 Qualified callback	532		532
E2 Refusals – Qualified	596		596
E3 Terminates	13		13
E4 Screenouts (no one 16 or older)	7		
<b>F COMPLETE</b>	<b>4510</b>		<b>4510</b>
<b>A' ESTIMATED ELIGIBLE HH RATE =T2/T1</b>	<b>34.10%</b>		
<b>ELIGIBLE RESPONSE RATE = E+F-</b>			
<b>B' E4/(E+F)</b>	<b>99.88%</b>		
<b>C' SUM RESPONSE ELIGIBLE COUNT</b>			<b>9,426</b>
<b>D' RESPONSE RATE = F/C'</b>			<b>47.84%</b>
<b>Participation Rate</b>	<b>65.86%</b>		

\*Estimated Qualified HH=Original Count \* A'

^Response Eligible = Qualified Household Count \* B'



TABLE 7

Sample Disposition - Version 2 Oversample, Child Safety Seat Issues: 2007

	Original Count	Estimated Qualified Household*	Estimated Response Eligible
<b>Version 1, 2007</b>			
<b>T1 TOTAL</b>	<b>34907</b>		
<b>A NON-Usable Numbers</b>	<b>19033</b>		
A1 NIS/DIS/Change#/Intercepts	13012		
A2 Non-residential #	4161		
A3 Computer/Fax tone	1723		
A4 Line problem	137		
<b>T2 Total Usable Numbers</b>	<b>15874</b>		
<b>B UNKNOWN ELIGIBLE HOUSEHOLD*^</b>	<b>4941</b>	<b>2247</b>	<b>548</b>
B1 Probable unassigned number	971		
B2 No answer/Busy	2761		
B3 Answering machine	1209		
<b>C NOT ELIGIBLE RESPONDENT^</b>	<b>389</b>	<b>389</b>	<b>95</b>
C1 Language barrier	165		
C2 Health/Deaf	175		
C3 Respondent away for duration	49		
<b>D UNKNOWN ELIGIBLE RESPONDENT^</b>	<b>2722</b>		<b>664</b>
D1 Callback (10 attempts)	630		
D2 Spanish Callback not screened	70		
D3 Refusals not screened	2022		
<b>E CONTACTS SCREENED</b>	<b>6322</b>		
E1 Qualified callback	164		164
E2 Refusals – Qualified	224		224
E3 Terminates	20		20
E4 Screenouts (no one age 16 to 39)	5914		
<b>F COMPLETE</b>	<b>1500</b>		<b>1500</b>
<b>A' ESTIMATED ELIGIBLE HH RATE =T2/T1</b>	<b>45.48%</b>		
<b>ELIGIBLE RESPONSE RATE = E+F-</b>			
<b>B' E4/(E+F)</b>	<b>24.39%</b>		
<b>C' SUM RESPONSE ELIGIBLE COUNT</b>			<b>3,215</b>
<b>D' RESPONSE RATE = F/C'</b>			<b>46.66%</b>
<b>Participation Rate</b>	<b>76.59%</b>		

\*Estimated Qualified HH=Original Count \* A'  
 ^Response Eligible = Qualified Household Count \* B'

### Sample Weighting

The characteristics of a perfectly drawn sample of a population will vary from true population characteristics only within certain limits of sample variability (i.e., sampling error). Unfortunately, social surveys do not permit perfect samples. The sampling frames available to survey research are less than perfect. The absence of perfect cooperation from sampled units means that the completed sample will differ from the drawn sample. In order to correct these known problems of sample bias, the achieved sample is weighted to certain characteristics of the total population. Each of the survey samples was weighted separately.

The weighting plan for the survey was a multi-stage sequential process of weighting the achieved sample to correct for sampling and non-sampling biases in the final sample. The first stage in the sample weighting procedures was designed to correct the cases in the completed sample for known selection biases in the sampling procedures. At the household selection stage, a random digit dialing process will give households with more than one telephone number an unequal likelihood of selection. Nationally, about 9% of households selected by random digit dialing will have more than one telephone number (MVOSS 2007). This selection bias was corrected by giving each household a first stage weight equal to the inverse of the number of different telephone numbers in the household, up to a maximum of three phone numbers.

The second step in the weighting process was to correct for selection procedures that yielded unequal probability of selection within sampled households. Although the survey was designed as a population survey, only one eligible person per household could be interviewed (because multiple interviews per household are burdensome and introduce additional design effects into the survey estimates). A respondent's probability for selection is inverse to the size (number of other eligible adults) of the household. Hence, the second stage weight was equal to the number of eligible respondents within the household.

The next step in the weighting process was to correct the study design for deliberate disproportionate selection of younger population subsets in the sample design. The survey included both a cross-sectional sample of 4,500 respondents, aged 16 and older, and an over-sample of 1,500 persons, aged 16 to 39 years old. Hence, the total achieved sample yielded a disproportionate sample distribution by age. A third stage weight was used to correct the achieved sample for disproportionate sampling by dividing the expected population distribution, based on Census projections, by the achieved sample distribution on the stratification variables. Specifically, the third stage weight corrected the sample to the cell distribution of the population for five cohorts (16-20, 21-29, 30-39, 40-64 and 65 or older) by gender, using the Census Population Projections for Age, Sex and Race for 2007. The estimated distribution of the population for 2007 by stratum was calculated on the basis of the Bureau of the Census, Interim State Projections of Population by Single Year of Age and Sex: July 1, 2004 to 2030, (release date, April 21, 2005). At the time of the survey, these were the most recent projections of the distribution of adult population by state.

**FIGURE 5A**  
**SPSS Program for Assigning Weights**

**VERSION 1**

```
compute numtel=q110a.
recode numtel (sysmis=1)(4 thru 10=3)(11 thru highest=1).
compute nadults=a1+b1.
recode nadults (7 thru 98=7)(99=1).
compute weight1=(1/numtel).
compute weight2=nadults.
COMPUTE WEIGHT3=(WEIGHT1*WEIGHT2).

*age by gender weight.
compute catage=q99.
recode catage (16 thru 20=1)(21 thru 29=2)(30 thru 39=3)
              (40 thru 64=4)(65 thru 97=5)(99=6).
value labels catage 1 '16-20' 2 '21-29' 3 '30-39'
                  4 '40-64' 5 '65+' 6 'Refused'.
compute gender=q111.
value labels gender 1 'Male' 2 'Female'.
compute weight4=1.
if (gender eq 1 and catage eq 1) weight4=1.119.
if (gender eq 1 and catage eq 2) weight4=1.236.
if (gender eq 1 and catage eq 3) weight4=0.759.
if (gender eq 1 and catage eq 4) weight4=1.036.
if (gender eq 1 and catage eq 5) weight4=1.082.
if (gender eq 2 and catage eq 1) weight4=1.550.
if (gender eq 2 and catage eq 2) weight4=1.120.
if (gender eq 2 and catage eq 3) weight4=0.695.
if (gender eq 2 and catage eq 4) weight4=.982.
if (gender eq 2 and catage eq 5) weight4=1.144.
compute weight5=(weight3*weight4).
compute weight6=(weight5*.55153).
recode weight6 (0=1).
```

**FIGURE 5B**  
**SPSS Program for Assigning Weights**

**VERSION 2**

```
compute numtel=q136a.
recode numtel (sysmis=1)(4 thru 10=3)(11 thru highest=1).
compute nadults=a1+b1.
recode nadults (7 thru 98=7)(99=1).
compute weight1=(1/numtel).
compute weight2=nadults.
COMPUTE WEIGHT3=(WEIGHT1*WEIGHT2).

*age by gender weight.
compute catage=q128.
recode catage (16 thru 20=1)(21 thru 29=2)(30 thru 39=3)
              (40 thru 64=4)(65 thru 97=5)(99=6).
value labels catage 1 '16-20' 2 '21-29' 3 '30-39'
                  4 '40-64' 5 '65+' 6 'Refused'.
compute gender=q138.
value labels gender 1 'Male' 2 'Female'.
compute weight4=1.
if (gender eq 1 and catage eq 1) weight4=1.001.
if (gender eq 1 and catage eq 2) weight4=1.215.
if (gender eq 1 and catage eq 3) weight4=.814.
if (gender eq 1 and catage eq 4) weight4=1.005.
if (gender eq 1 and catage eq 5) weight4=1.016.
if (gender eq 2 and catage eq 1) weight4=1.622.
if (gender eq 2 and catage eq 2) weight4=1.311.
if (gender eq 2 and catage eq 3) weight4=0.668.
if (gender eq 2 and catage eq 4) weight4=.0959.
if (gender eq 2 and catage eq 5) weight4=1.256.
compute weight5=(weight3*weight4).
compute weight6=(weight5*.693755).
recode weight6 (0=1).
```

The final step in the weighting process was designed to correct for the fact that the total number of cases in the weighted sample was larger than the unweighted sample size because of the use of the number of eligibles weight. In order to avoid misinterpretation of sample size, the total number of cases in the unweighted sample was divided by the total number of cases in the weighted sample to yield a sample size weight. When this weight is applied, the size of the weighted sample is identical to the size of the unweighted sample.

The final weight (WEIGHT6) incorporates all of the intermediate weighting steps described above. The final weight adjusts the total completed interviews in the achieved sample to correct for known sampling and participation biases, while maintaining the unweighted sample size.

### Precision of Sample Estimates

The objective of the sampling procedures used on this study was to produce a random sample of the target population. A random sample shares the same properties and characteristics of the total population from which it is drawn, subject to a certain level of sampling error. This means that with a properly drawn sample we can make statements about the properties and characteristics of the total population within certain specified limits of certainty and sampling variability.

The confidence interval for sample estimates of population proportions, using simple random sampling without replacement, is calculated by the following formula:

$$p \pm z_{\alpha/2} \cdot SE(p) = p \pm z_{\alpha/2} \cdot \sqrt{\frac{(p \cdot q)}{(n - 1)}}$$

Where:

SE(p) = the standard error of the sample estimate for a proportion

p = some proportion of the sample displaying a certain characteristic or attribute

q = (1 - p)

n = the size of the sample

$z_{\alpha/2}$  = (1- $\alpha$ /2)-th percentile of the standard normal distribution (1.96 for 95% CI)

The sample sizes for the surveys are large enough to permit estimates for sub-samples of particular interest. Table 8, on the next page, presents the expected size of the sampling error for specified sample sizes of 12,000 and less, at different response distributions on a categorical variable. As the table shows, larger samples produce smaller expected sampling variances, but there is a constantly declining marginal utility of variance reduction per sample size increase.

**TABLE 8**  
**Expected Sampling Error (Plus or Minus)**  
**At the 95% Confidence Level**  
**(Simple Random Sample)**

Percentage of the Sample or Sub-Sample Giving  
A Certain Response or Displaying a Certain  
Characteristic for Percentages Near:

<u>Size of Sample or Sub-Sample</u>	<u>10 or 90</u>	<u>20 or 80</u>	<u>30 or 70</u>	<u>40 or 60</u>	<u>50</u>
12,000	0.5	0.7	0.8	0.9	0.9
6,000	0.8	1.0	1.2	1.2	1.3
4,500	0.9	1.2	1.3	1.4	1.5
4,000	0.9	1.2	1.4	1.5	1.5
3,000	1.1	1.4	1.6	1.8	1.8
2,000	1.3	1.8	2.0	2.1	2.2
1,500	1.5	2.0	2.3	2.5	2.5
1,300	1.6	2.2	2.5	2.7	2.7
1,200	1.7	2.3	2.6	2.8	2.8
1,100	1.8	2.4	2.7	2.9	3.0
1,000	1.9	2.5	2.8	3.0	3.1
900	2.0	2.6	3.0	3.2	3.3
800	2.1	2.8	3.2	3.4	3.5
700	2.2	3.0	3.4	3.6	3.7
600	2.4	3.2	3.7	3.9	4.0
500	2.6	3.5	4.0	4.3	4.4
400	2.9	3.9	4.5	4.8	4.9
300	3.4	4.5	5.2	5.6	5.7
200	4.2	5.6	6.4	6.8	6.9
150	4.8	6.4	7.4	7.9	8.0
100	5.9	7.9	9.0	9.7	9.8
75	6.8	9.1	10.4	11.2	11.4
50	8.4	11.2	12.8	13.7	14.0

NOTE: Entries are expressed as percentage points (+ or -)

## 2007 Motor Vehicle Occupant Safety Survey: Methodology

However, the sampling design for this study included a separate, concurrently administered over-sample of youth and young adults (age 16-39). Both the cross-sectional sample and the over-sample of the youth/younger adult population were drawn as simple random samples; however, the disproportionate sampling of the age 16-39 population introduces a design effect that makes it inappropriate to assume that the sampling error for total sample estimates will be identical to those of a simple random sample.

In order to calculate a specific interval for estimates from a sample, the appropriate statistical formula for calculating the allowance for sampling error (at a 95% confidence interval) in a stratified sample with a disproportionate design is:

$$ASE = 1.96 \sqrt{\sum_{h=1}^g \left[ W_h^2 \left\{ (1 - f_h) \left( \frac{s_h^2}{n_h} \right) \right\} \right]}$$

where:

ASE	=	allowance for sampling error at the 95% confidence level;
h	=	a stratum;
g	=	number of strata;
$W_h$	=	proportion of stratum h to total population ( $N_h/N$ );
$f_h$	=	sampling fraction in stratum h – sample size divided by population size in stratum h ( $n_h/N_h$ );
$n_h$	=	the sample size for the stratum h.
$s_h^2$	=	sample variance in stratum h – for proportions, this is equal to
		$\frac{n_h}{n_h - 1} p_h (1 - p_h)$

Although Table 8 above provides a useful approximation of the magnitude of expected sampling error, precise calculation of allowances for sampling error requires the use of this formula. To assess the design effect for sample estimates, we calculated sampling errors for the disproportionate sample for a number of key variables using the above formula. These estimates were then compared to the sampling errors for the same variables, assuming a simple random sample of the same size. The two strata ( $h_1$  and  $h_2$ ) in the disproportionate sample were all respondents age 16-39 and all respondents age 40 and over respectively. The proportion for the 16-39 year old stratum ( $w_1$ ) was 42.2 percent while the proportion for the 40 and over stratum ( $w_2$ ) was 57.8 percent.

As shown in Table 9, the disproportionate sampling increases the confidence interval for total sample estimates by an average of 17.1 percent, compared to a simple random sample of the same size. This means the sample design decreases the sampling precision for total population estimates somewhat, while increasing the precision of sampling estimates for the sub-sample aged 16-39 years old. Since the maximum difference in the point estimate between the stratified disproportionate sample and a simple random sample is less than .34 of a percentage point, the sampling error table for a simple random sample will provide a reasonable approximation of the precision of sampling estimates in the survey.

**TABLE 9**  
**Design Effect on Confidence Intervals for Sample Estimates**  
**Between Disproportionate Sample Used in Occupant Protection Survey**  
**and a Proportionate Sample of Same Size**

----- CONFIDENCE INTERVALS -----  
 PERCENTAGE POINTS  $\pm$  AT 95% CONFIDENCE LEVEL

VARIABLE (Version 1 only)	p=	HYPOTHETICAL PROPORTIONATE SAMPLING*	CURRENT DIS- PROPORTIONATE SAMPLING	DIFFERENCE IN CONFIDENCE INTERVALS
<i>Driven in the past year</i>	89.3%	0.79	0.89	12.7%
<i>Drank alcohol in past year</i>	61.2%	1.24	1.42	14.5%
<i>Always use seat belt (N=5252)</i>	75.1%	1.17	1.37	17.1%
<i>Dislike seat belts (N=5258)</i>	30.4%	1.17	1.39	18.8%
<i>Always use passenger belt (N=5376)</i>	85.7%	0.93	1.11	19.4%
<i>Favor (a lot) seat belt laws</i>	71.4%	1.15	1.32	14.8%
<i>Should be primary enforcement</i>	67.3%	1.19	1.38	16.0%
<i>Ever ticketed by police for seatbelt</i>	9.4%	0.74	0.91	23.0%
<i>Ever injured in vehicle accident</i>	26.3%	1.12	1.28	14.3%
<i>Drives a car for work almost every day</i>	52.3%	2.27	2.61	15.0%
<i>Set a good example for others (N=5192)</i> <i>(reason for using seat belts)</i>	77.8%	1.12	1.28	14.3%
<i>Driver-side air bag in vehicle (N=4755)</i>	99.0%	0.28	0.33	17.9%
<i>Race: Black/African American</i>	9.9%	0.76	0.89	17.1%
<i>Ethnicity: Hispanic</i>	13.4%	0.87	1.1	26.4%
<i>Gender: Male</i>	48.4%	1.27	1.46	15.0%
<b>AVERAGE DIFFERENCE IN CONFIDENCE INTERVALS</b>				17.1%
Total sample proportions using SRS formula				
Unless specified otherwise N=5908				



### Estimating Statistical Significance

The estimates of sampling precision presented in the previous section yield confidence bands around the sample estimates, within which the true population value should lie. This type of sampling estimate is appropriate when the goal of the research is to estimate a population distribution parameter. However, the purpose of some surveys is to provide a comparison of population parameters estimated from independent samples (e.g. annual tracking surveys) or between subsets of the same sample. In such instances, the question is not simply whether or not there is any difference in the sample statistics that estimate the population parameter, but rather is the difference between the sample estimates statistically significant (i.e., beyond the expected limits of sampling error for both sample estimates).

To test whether or not a difference between two sample proportions is statistically significant, a rather simple calculation can be made. The maximum expected sampling error (i.e., confidence interval in the previous formula) of the first sample is designated  $s1$  and the maximum expected sampling error of the second sample is  $s2$ . The sampling error of the difference between these estimates is  $sd$  and is calculated as:

$$sd = \sqrt{(s1^2 + s2^2)}$$

Any difference between observed proportions that exceeds  $sd$  is a statistically significant difference at the specified confidence interval. Note that this technique is mathematically equivalent to generating standardized tests of the difference between proportions.

An illustration of the pooled sampling error between sub-samples for various sizes is presented in Table 10. This table can be used to determine the size of the difference in proportions between drivers and non-drivers or other sub-samples that would be statistically significant.

**2007 Motor Vehicle Occupant Safety Survey: Methodology**

**TABLE 10. Pooled Sampling Error Expressed as Percentages for Given Sample Sizes (Assuming P=Q)**

<b>Sample Size</b>																	
4000	14.1	10.0	7.1	5.9	5.1	4.7	4.3	4.0	3.8	3.6	3.5	3.0	2.7	2.5	2.4	2.3	2.2
3500	14.1	10.0	7.1	5.9	5.2	4.7	4.3	4.1	3.8	3.7	3.5	3.0	2.7	2.6	2.4	2.3	
3000	14.1	10.0	7.2	5.9	5.2	4.7	4.4	4.1	3.9	3.7	3.6	3.1	2.8	2.7	2.5		
2500	14.1	10.0	7.2	6.0	5.3	4.8	4.5	4.2	4.0	3.8	3.7	3.2	2.9	2.8			
2000	14.2	10.1	7.3	6.1	5.4	4.9	4.6	4.3	4.1	3.9	3.8	3.3	3.1				
1500	14.2	10.2	7.4	6.2	5.5	5.1	4.7	4.5	4.3	4.1	4.0	3.6					
1000	14.3	10.3	7.6	6.5	5.8	5.4	5.1	4.8	4.7	4.5	4.4						
900	14.4	10.4	7.7	6.5	5.9	5.5	5.2	4.9	4.8	4.6							
800	14.4	10.4	7.8	6.6	6.0	5.6	5.3	5.1	4.9								
700	14.5	10.5	7.9	6.8	6.1	5.7	5.5	5.2									
600	14.6	10.6	8.0	6.9	6.3	5.9	5.7										
500	14.7	10.8	8.2	7.2	6.6	6.2											
400	14.8	11.0	8.5	7.5	6.9												
300	15.1	11.4	9.0	8.0													
200	15.6	12.1	9.8														
100	17.1	13.9															
50	19.8																
	50	100	200	300	400	500	600	700	800	900	1000	1500	2000	2500	3000	3500	4000
Sample Size																	

### Comparisons Between Samples

In order to permit statistical comparisons between the two samples, the data sets from the two separate samples were merged together on like questions. The sample versions (Version 1 for Seat belt Usage and Version 2 for Child Safety Seats) were cross-tabulated with each of the survey questions that had been asked in an equivalent fashion in the two samples. A chi-square test was conducted for each of these cross-tabulations to test for the independence of the samples.

An exact test of independence was calculated to test the differences between the two samples. Pearson's chi-square is a widely used statistic to test the hypothesis that the row and column variables are independent. It is calculated by summing over all cells the squared residuals divided by the expected frequencies. The calculated chi-square is compared to the critical points of the theoretical chi-square distribution to produce an estimate of how likely (or unlikely) this calculated value is, indicating if the two variables are in fact independent. This probability is also known as the observed significance level of the test. If the probability is small (greater than 0.05), the hypothesis that the two variables are independent is rejected.

No statistically significant difference (at the .05 level) was found between the two samples on most of the vehicle characteristics (e.g., airbags in vehicle, location of airbags, type of seatbelts in vehicle), driver behaviors (e.g., drive everyday, general seatbelt use), or demographic characteristics (e.g., race, ethnicity, gender).

There are, nonetheless, a limited set of differences large enough to be statistically significant with samples of this size. For example, the difference between the two samples regarding the type of vehicle driven most often was statistically significant. A higher proportion of drivers in Version 1 drove a van or minivan most often (10.4% v. 7.8%).<sup>5</sup> While a higher proportion of drivers in Version 2 drove a pickup truck most often (19.7% v. 17.2%). The proportion of drivers who always wore their lap belt is slightly higher in Version 1 (87.9) than in Version 2 (85.8). Of those reporting being in a crash, a higher proportion of respondents in Version 2 (69.3%) reported that they were wearing their seat belts at the time of the crash compared to 63.8% in Version 1. Significantly higher proportions of respondents in Version 2 reported achieving an 8<sup>th</sup> grade (4.5% v. 3.6), 10<sup>th</sup> grade (3.9% v. 3.1%) and 11<sup>th</sup> grade (5.3% v. 4.4%) level. Significantly higher proportions of respondents in Version 2 reported incomes of less than \$5,000 (4.8% v. 3.8%) and \$5,000 to \$14,999 (9.2% v. 6.8%). A statistically higher proportion of Version 1 respondents reported an income of \$50,000 to \$74,999 (21.0% v. 19.2%).

---

<sup>5</sup> Significance statistics excludes respondents who answered "don't know" or "refused."

**REFERENCES**

American Association for Public Opinion Research. Standard Definitions: Final Dispositions of Case Codes and Outcome Rates for Surveys, 2004.

Blumberg Stephen, Julian V. Luke. "Wireless substitution: Early release of estimates based on data from the National Health Interview Survey, July – December 2006. National Center for Health Statistics." Available from <http://www.cdc.gov/nchs/nhis.htm>. May 14,2007.

Blumberg, Stephen, Julian Luke, and Marcie Cynamon. 2006. "Telephone Coverage and Health Survey Estimates: Evaluating the Need for Concern about Wireless Substitution." *American Journal of Public Health* 96:926-31.

Brick, J., Waksberg, J., Kulp, D. and Starer, A. Bias in List-Assisted Telephone Samples, *Public Opinion Quarterly*, Summer 1995, Vol. 59, No. 2, pp. 218-235.

Casady, R. and Lepkowski, J. Stratified Telephone Survey Designs, *Survey Methodology*, June 1993, Vol. 19, No 1: 103-13.

Forsman, G. Sampling Individuals Within Households in Telephone Surveys. *Procedures of the American Statistical Association, Section on Survey Research Methods*, 1993, Vol. II, pp. 1113-1118.

Groves, R. An Empirical Comparison of Two Telephone Sample Designs. *Journal of Market Research*, 1978 15:622-31.

Ivie, K., Pels, R., Zentrichova, D., Herr, D. (2006) Cellular Telephones in List-Assisted, Random Digit Dial Sample. *Survey Research Methods Section – 61<sup>st</sup> Conference of the American Association for Public Opinion Research*, 4136-4140.

Kish, L. A Procedure for Objective Respondent Selection Within the Household. *Journal of American Statistical Association* 1949 44: 380-387.

Kish L. Mean and Variance for Stratified Element Sampling. *Survey Sampling*. P.81, Section 3.3.2, John Wiley & Sons, 1965.

Keeter, S. Estimating Telephone Non-coverage bias from a Phone Survey. *Public Opinion Quarterly*, Summer 1995, Vol. 59, No. 2, pp. 196-217.

Keeter, S. (May 15, 2006a) National Polls Not Undermined by Growing Cell-Only Population; The Cell Phone Challenge To Survey Research. *The Pew Research Center: For The People & The Press*. Retrieved May 22, 2007 from [www.people-press.org](http://www.people-press.org).

Lavrakas, P. Telephone Survey Methods: Sampling, Selection and Supervision. Beverly Hills: Sage Publications, 1987.

## **2007 Motor Vehicle Occupant Safety Survey: Methodology**

Lavrakas, P., Bauman, S. and Merkle, D. The Last Birthday Selection Method and Within Unit Coverage Problems. *Proceedures of the American Statistical Association, Section on Survey Research Methods*, 1993, Vol. II, pp. 1107-1112.

O'Rourke, D. and Blair, J. Improving Random Respondent Selection in Telephone Surveys. *Journal of Marketing Research*, 1983, Vol. 20, pp. 428-432.

Salmon, C. and Nichols, J., The Next-Birthday Method of Respondent Selection, *Public Opinion Quarterly*, 1983, Vol. 47, pp. 270-276.

# **APPENDIX A1:**

**ENGLISH LANGUAGE**

**QUESTIONNAIRE**

**VERSION 1**

SCHULMAN, RONCA AND BUCUVALAS, INC.  
275 7th Avenue; Suite 2700  
NEW YORK, NEW YORK 10001

STUDY NUMBER 3629A  
Jan. 4, 2007  
OMB No. 2127-0645  
Expiration Date: 6/30/2009  
NHTSA 1020A

**SURVEY ON OCCUPANT PROTECTION: 2006  
VERSION 1**

**SAMPLE READ-IN**

Sample Type:

- 1 Cross-section
- 2 Over-Sample

State: \_\_\_\_\_ County: \_\_\_\_\_ Metro Status: \_\_\_\_\_

Date: \_\_\_\_\_ CATI ID: \_\_\_\_\_

Interviewer: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

Time Start: \_\_\_\_\_ Time End: \_\_\_\_\_ Total Time: \_\_\_\_\_

**INTRODUCTION**

Hello, I'm \_\_\_\_\_ calling for the U.S. Department of Transportation. We are conducting a national study of Americans' driving habits and their attitudes about current driving laws. (If you would like to learn more about the survey, you can call our toll-free number at 1-888-772-4269 or visit the DOT website at [www.nhsta.dot.gov](http://www.nhsta.dot.gov).)

**DUMMY QUESTION FOR BIRTHDAY QUESTIONS**

- 1 Has had the most recent
- 2 Will have the next

**IF SAMPLE TYPE EQ 1, ASK A1, ELSE SKIP TO B1.**

A1 How many persons, age 16 and older, live in this household?

- \_\_\_\_\_ Number of 16+ persons
- (VOL) None
- (VOL) Refused

**IF ONLY 1 PERSON, SKIP TO A3  
THANK AND SCREEN OUT  
THANK AND END [SOFT REFUSAL]**

A2 How many of those adults are (women/men)? **NONE=00.**

- \_\_\_\_\_ Number of women
- \_\_\_\_\_ Number of men
- 99 Refused

**IF BOTH MEN AND WOMEN, SELECT MALE 60%/FEMALE 40%**

A3 **IF A1=1 READ:** May I please speak to him or her?

**IF A1>1 READ:** In order to select just one person to interview, may I please speak to the (GENDER, If Refused in A2, read-in: "person") in your household, age 16 or older, who (has had the most recent/will have the next) birthday?

- |   |                               |                                     |
|---|-------------------------------|-------------------------------------|
| 1 | Designated Respondent on line | <b>GO TO D1</b>                     |
| 2 | Someone else                  | <b>GO TO D</b>                      |
| 3 | Schedule callback             |                                     |
| 9 | Refused                       | <b>THANK AND END [SOFT REFUSAL]</b> |

**IF SAMPLE TYPE EQ 2 ASK B1**

B1 How many persons, age 16-39, live in this household?

\_\_\_\_\_ Number of 16-39  
(VOL) None

**IF ONLY 1 PERSON, SKIP TO B3  
THANK AND SCREEN OUT**

B2 How many of those 16-39 year old adults are (women/men)? **NONE=00.**

\_\_\_\_\_ Number of women  
\_\_\_\_\_ Number of men  
99 Refused

**IF BOTH MEN AND WOMEN, SELECT MALE 60%/FEMALE 40%.**

B3 **IF B1=1 READ:** May I please speak to him or her?

**IF B1>1 READ:** In order to select just one person to interview, may I please speak to the (GENDER, If Refused in A2, read-in: "person") in your household, age 16 - 39 who (has had the most recent/will have the next) birthday?

- |   |                               |                                     |
|---|-------------------------------|-------------------------------------|
| 1 | Designated Respondent on line | <b>GO TO D1</b>                     |
| 2 | Someone else                  | <b>GO TO D</b>                      |
| 3 | Schedule callback             |                                     |
| 9 | Refused                       | <b>THANK AND END [SOFT REFUSAL]</b> |

D Hello, I'm \_\_\_\_\_ calling for the U.S. Department of Transportation. We are conducting a national study of Americans' driving habits and their attitudes about current driving laws. (If you would like to learn more about the survey, you can call our toll-free number at 1-888-772-4269 or visit the DOT website at [www.nhsta.dot.gov](http://www.nhsta.dot.gov).)

D1 The interview is voluntary and the information you provide us will be used for statistical purposes only. We will not collect any personal information that would allow anyone to identify you. If there is a question you don't want to answer, that's OK. The interview takes about 15 - 20 minutes to complete. (This study has been reviewed and approved by the Office of Management and Budget under OMB control number 2127-0645.) Could we begin now?

- |   |                    |                   |
|---|--------------------|-------------------|
| 1 | Continue interview | <b>SKIP TO Q1</b> |
|---|--------------------|-------------------|



- 2 Arrange callback  
 3 Want to think about it/Not sure **SKIP TO D2**  
 9 Refused **SKIP TO D3**

D2 If you would prefer, you can call our toll-free number to do the interview or you can go to the National Highway Traffic Safety Administration website to learn more about the survey. Would you like the toll-free number or website address?

- 1 Requested toll-free number **PROVIDE NUMBER (1800-----),  
CALLBACK**  
 2 Requested website address **PROVIDE WEBSITE ADDRESS  
([www.nhtsa.dot.gov](http://www.nhtsa.dot.gov)), CALLBACK**  
 3 Requested both **PROVIDE BOTH, CALLBACK**  
 4 Neither **CALLBACK**

D3 Would you please tell me why you do not want to do the interview?

---

**THANK, END [QUALIFIED HARD REFUSAL]**

Q1 How often do you drive a motor vehicle? Almost every day, a few days a week, a few days a month, a few days a year, or do you never drive?

- 1 Almost everyday/everyday  
 2 Few days a week  
 3 Few days a month  
 4 Few days a year  
 10 Never **SKIP TO Q30**  
 11 More than a year ago **SKIP TO Q30**  
 12 (VOL) Other (SPECIFY)  
 98 (VOL) Don't know  
 99 (VOL) Refused

Q1a How often do you drive a motor vehicle at night, after 9:00 pm? Do you drive at night almost every day, a few days a week, a few days a month, a few days a year, or do you never drive after 9:00 at night?

- 1 Almost every day  
 2 Few days a week  
 3 Few days a month  
 4 Few days a year, or do you  
 10 Never drive after 9:00 at night  
 11 More than a year ago  
 12 Other (SPECIFY)  
 98 (VOL) Don't know  
 99 (VOL) Refused

Q2 Not including driving to and from work, do you at least sometimes drive a vehicle as part of a job or business?

- 1 Yes
- 2 No **SKIP TO Q5**
- 3 Don't work **SKIP TO Q5**
- 8 (VOL) Don't know **SKIP TO Q5**
- 9 (VOL) Refused **SKIP TO Q5**

Q3 How often do you drive a vehicle as part of a job or business? Almost every day, a few days a week, a few days a month, or a few days a year?

- 1 Almost everyday/everyday
- 2 Few days a week
- 3 Few days a month
- 4 Few days a year
- 5 (VOL) Never/more than a year ago
- 6 Other (SPECIFY)
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q4 Does your company or business have a policy requiring seatbelt use when driving on the job?

- 1 Yes
- 2 No **SKIP TO Q5**
- 8 (VOL) Don't know **SKIP TO Q5**
- 9 (VOL) Refused **SKIP TO Q5**

Q4a Is that a written policy?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q5 Now I'd like you to think about all the driving you do (whether or not it's part of your job). Is the vehicle you drive most often a car, van, motorcycle, sport utility vehicle, pickup truck, or other type of truck? **IF RESPONDENT DRIVES MORE THAN ONE VEHICLE OFTEN, ASK:** What kind of vehicle did you LAST drive?

- 1 Car (station wagon)
- 2 Van or minivan
- 3 Motorcycle **SKIP TO Q30**
- 4 Pickup truck
- 5 Sport utility vehicle  
(Jeep/Explorer/Trooper/etc)
- 6 Other (SPECIFY)
- 7 Other truck (SPECIFY)
- 8 (VOL) Don't know

9 (VOL) Refused

**IF Q5=MOTORCYCLE, SKIP TO Q30, ELSE GO TO Q6**

Q6 For the next series of questions, please answer only for the (car/truck/van) you said you usually drive. Do the seatbelts in the front seat of the (car/truck/van) go across your shoulder only, across your lap only, or across both your shoulder and lap? **SEATBELT QUESTIONS REFER TO DRIVER-SIDE BELTS.**

1	Across shoulder	<b>SKIP TO Q9</b>
2	Across lap	<b>SKIP TO Q13</b>
3	Across both	
4	Vehicle has no belts	<b>SKIP TO Q25</b>
8	(VOL) Don't know	<b>SKIP TO Q14</b>
9	(VOL) Refused	<b>SKIP TO Q14</b>

Q7 Are the shoulder and lap belt one piece or are they two separate belts?

1	One piece	<b>SKIP TO Q9</b>
2	Two separate belts	
8	(VOL) Don't know	
9	(VOL) Refused	

Q8 Are both the shoulder and lap belt automatic, is only the shoulder belt automatic or is neither the shoulder or lap belt automatic?

1	Both are automatic	<b>SKIP TO Q10</b>
2	Only shoulder is automatic	<b>SKIP TO Q10</b>
3	Neither are automatic	<b>SKIP TO Q11</b>
8	(VOL) Don't know	<b>SKIP TO Q11</b>
9	(VOL) Refused	<b>SKIP TO Q11</b>

Q9 Is the shoulder belt automatic or do you have to fasten it?

1	Automatic	
2	Manual	<b>SKIP TO Q11</b>
8	(VOL) Don't know	<b>SKIP TO Q11</b>
9	(VOL) Refused	<b>SKIP TO Q11</b>

Q10 When you drive, do you always wear your automatic belt or is it ever disconnected, disabled, or placed behind you?

- 1 Always wear it
- 2 Disconnected
- 3 Disabled
- 4 Placed behind me
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q11 Shoulder belts are usually attached to the door or frame behind the driver's left shoulder. In some vehicles, this attachment can be moved up or down to adjust the shoulder belt. Is this attachment adjustable in your vehicle?

- 1 Yes, adjustable
- 2 No, not adjustable **SKIP TO Q12**
- 8 Don't know **SKIP TO Q12**
- 9 Refused **SKIP TO Q12**

Q11a Have you ever tried to adjust it?

- 1 Yes
- 2 No **SKIP TO Q11c**
- 8 (VOL) Don't know **SKIP TO Q12**
- 9 (VOL) Refused **SKIP TO Q12**

Q11b Were you able to make the shoulder belt more comfortable by adjusting it?

- 1 Yes **SKIP TO Q12**
- 2 No **SKIP TO Q12**
- 3 (VOL) Could not adjust it **SKIP TO Q12**
- 8 (VOL) Don't know **SKIP TO Q12**
- 9 (VOL) Refused **SKIP TO Q12**

Q11c Is there any reason why you have never tried to adjust it?

- 1 Yes
- 2 No **SKIP TO Q12**
- 8 (VOL) Don't know **SKIP TO Q12**
- 9 (VOL) Refused **SKIP TO Q12**

Q11d What is the reason? **MULTIPLE RECORD. DO NOT READ.**

- 1 It already fits
- 2 It's comfortable enough
- 3 Someone adjusted it for me
- 4 Never thought about it
- 10 Hard to adjust
- 11 Automatic/self adjusting

- 12 Don't wear seatbelt
- 13 Didn't know it was adjustable
- 14 Other (SPECIFY)
- 98 (VOL) Don't know
- 99 (VOL) Refused

**IF Q6=1 OR 3 ASK Q12, ELSE GO TO Q13**

Q12 When driving this (car/truck/van), how often do you wear your shoulder belt? **READ LIST.**

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 Rarely or
- 5 Never
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF Q6=2 OR 3 ASK Q13, ELSE GO TO Q14**

Q13 When driving this (car/truck/van), how often do you wear your lap belt? **READ LIST.**

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 Rarely or
- 5 Never
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF Q6=5-6 OR Q12=1-4, 6, 7 OR Q13=1-4, 6, 7 THEN ASK Q14; ELSE SKIP TO Q17**

Q14 When was the last time you did NOT wear your seatbelt (neither lap nor shoulder belt) when driving?

- 1 Today
- 2 Within the past week
- 3 Within the past month
- 4 Within the past 12 months
- 5 A year or more ago/I always wear it
- 8 (VOL) Don't know
- 9 (VOL) Refused

**ASK Q14a IF DON'T KNOW/REF IN Q14, ELSE SKIP TO Q15**

Q14a Has there been any occasion in the past 12 months when you did not wear your seatbelt (neither lap nor shoulder belt) when driving?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF Q2=YES AND (Q12 EQ 1-4 OR Q13 EQ 1-4) ASK Q15 ELSE GO TO Q17**

Q15 Are you more likely, less likely or just as likely to wear your seatbelt when driving on the job as compared to when driving for personal use?

- |   |                  |                     |
|---|------------------|---------------------|
| 1 | More likely      | <b>GO TO Q16A</b>   |
| 2 | Less likely      | <b>SKIP TO Q16B</b> |
| 3 | Just as likely   | <b>SKIP TO Q17</b>  |
| 8 | (VOL) Don't know | <b>SKIP TO Q17</b>  |
| 9 | (VOL) Refused    | <b>SKIP TO Q17</b>  |

Q16a Why are you MORE likely to wear your belt when driving on the job? Anything else?  
**MULTIPLE RECORD. DO NOT READ.**

- |    |   |
|----|---|
| 1  | Company policy                            |
| 2  | Increased awareness of safety             |
| 3  | Seatbelt law                              |
| 4  | Don't want ticket                         |
| 5  | Habit/always wear it                      |
| 6  | Drive long distances                      |
| 7  | Have passengers/client in vehicle with me |
| 8  | Insurance reasons                         |
| 9  | Driving in heavy traffic                  |
| 10 | Driving larger vehicle                    |
| 11 | More highway driving                      |
| 12 | Other (SPECIFY)                           |
| 98 | (VOL) Don't know                          |
| 99 | (VOL) Refused                             |

**IF Q15=2 THEN ASK Q16B; ELSE SKIP TO Q17**

Q16b Why are you LESS likely to wear your belt when driving on the job? Anything else?  
**MULTIPLE RECORD. DO NOT READ.**

- |    |   |
|----|---|
| 1  | Not company policy/practice   |
| 2  | Don't drive on roads/main streets                                     |
| 3  | Don't like being told what to do                                      |
| 4  | Don't like wearing them   |
| 5  | Habit/never/rarely wear it  |
| 6  | Drive short distances   |
| 7  | In/out of vehicle all the time/type of work/equipment gets in the way |
| 8  | Driving slowly  |
| 9  | Don't have passengers with me   |
| 10 | Seatbelt broken/not working   |
| 13 | Other (SPECIFY)   |
| 98 | (VOL) Don't know  |
| 99 | (VOL) Refused   |

Q17 In the past 12 months, has your use of seatbelts when driving (car driven most often) increased, decreased, or stayed the same?

- 1 Increased
- 2 Decreased **SKIP TO Q19**
- 3 Stayed the same **SKIP TO Q19**
- 4 New driver **SKIP TO Q19**
- 8 (VOL) Don't know **SKIP TO Q19**
- 9 (VOL) Refused **SKIP TO Q19**

Q18 What caused the change? Was it because.....? **READ LIST. MULTIPLE RECORD. RANDOMIZE ORDER.**

	Yes	No	Don't Know	Refused
a. You became more aware of safety issues	1	2	8	9
b. Of the seatbelt law	1	2	8	9
c. You didn't want to get a ticket	1	2	8	9
d. You got a seatbelt ticket/warning	1	2	8	9
e. You, or someone you know was in a crash	1	2	8	9
f. Other people encourage or pressured you to use seatbelts	1	2	8	9
g. You wanted to set a good example for children	1	2	8	9
h. Someone you know got a ticket	1	2	8	9
i. Other (SPECIFY)	1	2	8	9

**IF (Q12 EQ 1-4 OR Q13 EQ 1-4), ASK Q19, ELSE SKIP TO Q21.**

Q19 I'm going to read a list of reasons why you might wear your seatbelt. As I'm reading, tell me yes or no whether each reason applies to you. When I wear my seatbelt, I do so because.....  
**RANDOMIZE ORDER**

	Yes	No	Don't Know	Refused
a. It's a habit	1	2	8	9
b. I don't want to get a ticket	1	2	8	9
c. I'm uncomfortable without it	1	2	8	9
d. Others want me to wear it	1	2	8	9
e. It's the law	1	2	8	9
f. I want to avoid serious injury/or death	1	2	8	9
g. I want to set a good example for others	1	2	8	9
h. The people I'm with are wearing seatbelts	1	2	8	9
i. My (car/truck/van) has a bell, buzzer, or light that reminds me	1	2	8	9

Q19j Are there any other reasons why you wear your seatbelt?

- |   |                  |                    |
|---|------------------|--------------------|
| 1 | Yes              |                    |
| 2 | No               | <b>SKIP TO Q20</b> |
| 8 | (VOL) Don't know | <b>SKIP TO Q20</b> |
| 9 | (VOL) Refused    | <b>SKIP TO Q20</b> |

Q19j1 **ASK IF Q19j = 1:** What other reasons (why you wear your seatbelt)? **MULTIPLE RECORD. DO NOT READ.**

- |    |                                      |
|----|--------------------------------------|
| 1  | Makes me comfortable                 |
| 2  | Driving longer distance              |
| 3  | Inclement/bad weather                |
| 4  | Driving on the highway               |
| 5  | Heavy traffic                        |
| 6  | It's automatic                       |
| 7  | Drive more                           |
| 8  | good company image/more professional |
| 10 | Other bad drivers                    |
| 11 | It's smart/right thing to do         |
| 12 | I was brought up to wear it          |
| 13 | Other (SPECIFY)                      |

**IF MORE THAN ONE YES IN Q19a-j, ASK Q20, ELSE SKIP TO Q21**

Q20 Of the following reasons you just gave me for wearing your seat belt, which is the most important? **READ LIST. SINGLE RECORD.**

- |    |   |
|----|---|
| 1  | It's a habit  |
| 2  | I don't want to get a ticket                            |
| 3  | I'm uncomfortable without it                            |
| 4  | Others want me to wear it                               |
| 5  | It's the law  |
| 6  | I want to avoid serious injury                          |
| 7  | I want to set a good example for others                 |
| 8  | The people I'm with are wearing seatbelts               |
| 9  | A bell, buzzer, or light reminds me                     |
| 10 | Makes me comfortable                                    |
| 11 | Driving longer distance                                 |
| 12 | Inclement weather                                       |
| 13 | Driving on the highway                                  |
| 14 | Heavy traffic   |
| 15 | It's automatic  |
| 16 | Drive more  |
| 17 | good company image/more professional                    |
| 19 | Other bad drivers                                       |
| 20 | It's smart/right thing to do                            |
| 21 | I was brought up to wear it                             |
| 22 | Other (SPECIFY)   |
| 23 | (VOL) Can't say one is most important/all are important |



- 98 (VOL) Don't know  
 99 (VOL) Refused

**IF Q12 EQ 2-5 OR Q13 EQ 2-5 OR Q14 EQ 1-4 OR Q14A EQ 1 ASK Q21, ELSE SKIP TO Q22A**

Q21 Please tell me if you agree or disagree with the following statements concerning your use of seatbelts. Sometimes I do not wear my seatbelt because..... **RANDOMIZE ORDER**

	Yes	No	Don't Know	Refused
a. I'm only driving a short distance	1	2	8	9
b. I'm driving in light traffic	1	2	8	9
c. I'm in a rush	1	2	8	9
d. I forgot to put it on	1	2	8	9
e. I don't want my clothes to get wrinkled	1	2	8	9
f. The seatbelt is uncomfortable	1	2	8	9
g. The probability of being in a crash is too low	1	2	8	9
h. The people I am with are not wearing seatbelts	1	2	8	9
i. I don't like being told what to do	1	2	8	9

Q21j Are there any other reasons why you sometimes do not wear your seatbelt?

- 1 Yes  
 2 No  
 8 (VOL) Don't know  
 9 (VOL) Refused

Q21j1 **ASK IF Q21j = 1:** What are they (other reasons for not wearing seatbelt)? **MULTIPLE RECORD. DO NOT READ.**

- 1 May cause injury/trap  
 2 In accident where seatbelt cause injury  
 3 Know someone injured/killed because of seatbelt  
 4 Other (SPECIFY)

**IF MORE THAN ONE YES IN Q21a-j, ASK Q22, ELSE GO TO Q22A**

Q22 Of the following reasons you just gave me for not wearing your seatbelt, which is the most important? **READ LIST. SINGLE RECORD.**

- 1 I'm only driving a short distance  
 2 I'm driving in light traffic  
 3 I'm in a rush  
 4 I forgot to put it on  
 5 I don't want my clothes to get wrinkled  
 6 The seatbelt is uncomfortable  
 7 The probability of being in a crash is too low  
 8 The people I am with are not wearing seatbelts  
 9 I don't like being told what to do  
 10 May cause injury/trap  
 11 In accident where seatbelt cause injury

- 12 Know someone injured/killed because of seatbelt  
 13 (VOL) Can't say one is most important/all important  
 16 (VOL) Other (SPECIFY)  
 98 (VOL) Don't know  
 99 (VOL) Refused  
 Q22a When driving at night, are you more likely, less likely, or just as likely to wear your seatbelt compared to when driving during the day?
- 1 More likely  
 2 Less likely  
 3 Just as likely  
 4 (VOL) Don't drive at night  
 8 (VOL) Don't know  
 9 (VOL) Refused

Q23 Is there anything that you particularly dislike or find annoying about wearing your seatbelt?

- 1 Yes  
 2 No **SKIP TO Q25**  
 8 (VOL) Don't know **SKIP TO Q25**  
 9 (VOL) Refused **SKIP TO Q25**

Q24 What is it that you dislike or find annoying? Anything else? **MULTIPLE RECORD. DO NOT READ.**

- 1 Uncomfortable  
 2 Seatbelts are a nuisance/hassle/annoyance  
 3 Feel restricted/too confining/constricting  
 4 Pressure on my neck/chokes me/cuts across my neck  
 5 Pressure on my shoulder/shoulder strap too tight  
 6 Pressure on my chest/Strap doesn't fit my chest  
 7 Irritates/chafes my skin/rash  
 8 Wrinkles my clothes  
 9 Other (SPECIFY)  
 98 Don't know  
 99 Refused

Q25 To ask the next series of questions, I need to know how many children age 15 or younger are living in your household at least half of the time or consider it their primary residence?

- \_\_\_\_\_ Children age 15 or younger  
 98 Don't know  
 99 Refused

**IF Q25=0, 98, 99 SKIP TO Q29**

Q26. How old is (this child/the youngest child)? **TWINS (TRIPLETS, ETC.) MUST EACH BE ENTERED SEPARATELY, YOUNGEST FIRST.**

- \_\_\_\_\_ Years old  
 0 Under 1  
 98 Don't know  
 99 Refused

**IF Q26=0-12 ASK Q27, ELSE SKIP TO Q29**

Q27 Think about all the times this child rode with you in the past thirty days, both with and without other passengers. About what proportion of those trips would you say that the child rode in the front seat? Would you say that in the past thirty days the child rode in the front seat..... **READ LIST. SINGLE RECORD.**

- 1 Nearly all the time, that is 90% or more  
 2 Most of the time  
 3 About half of the time  
 4 Some of the time  
 5 A few times, that is 10% or less  
 6 Never  
 7 (VOL) Don't know  
 8 (VOL) Refused

**IF Q26 = 0 SKIP TO Q29**

Q28 Compared to 12 MONTHS ago, is this child more likely to ride in the front seat when you drive, as likely to ride in the front seat, or less likely to ride in the front seat?

- 1 More likely to ride in front seat  
 2 As likely to ride in front seat **SKIP TO Q29**  
 3 Less likely to ride in front seat **SKIP TO Q28b**  
 4 (VOL) Don't currently drive with child **SKIP TO Q29**  
 5 (VOL) Didn't drive with child 12 months ago **SKIP TO Q29**  
 8 (VOL) Don't know **SKIP TO Q29**  
 9 (VOL) Refused **SKIP TO Q29**

Q28a Why is this child more likely to ride in the front seat when you drive? **DO NOT READ. MULTIPLE RECORD**

- 1 Child is older/larger **SKIP TO Q29**  
 2 Child and I are the only ones in vehicle **SKIP TO Q29**  
 3 The child prefers the front **SKIP TO Q29**  
 4 Child likes to sit by me **SKIP TO Q29**  
 5 I want to be able to see/reach child **SKIP TO Q29**  
 6 No other place for child in vehicle **SKIP TO Q29**  
 12 Other (SPECIFY) **SKIP TO Q29**  
 98 (VOL) Don't know **SKIP TO Q29**  
 99 (VOL) Refused **SKIP TO Q29**

Q28b Why is this child less likely to ride in the front seat when you drive? **DO NOT READ.**

**MULTIPLE RECORD.**

- 1 Safer in back
- 2 Danger from airbags
- 3 Child prefers back
- 4 Child's car seat is in back
- 5 No other place for child in vehicle
- 6 It's the law
- 7 Child is too young/small
- 12 Other (SPECIFY)
- 98 (VOL) Don't know
- 99 (VOL) Refused

Q29 In the past 30 days, have you driven a motor vehicle in which you had three or more child passengers at the same time?

- 1 Yes
- 2 No **SKIP TO Q30**
- 8 (VOL) Don't know **SKIP TO Q30**
- 9 (VOL) Refused **SKIP TO Q30**

Q29a Were there any days out of the past 30 where you had to put a child in the front seat because there were too many children to fit in the back?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q30 How often do you ride as a passenger in any kind of car, van or truck? Would you say.....  
**READ LIST.**

- 1 Almost every day
- 2 A few days a week
- 3 A few days a month
- 4 A few days a year or
- 5 Never **SKIP TO Q40**
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q31 When you are a passenger, do you usually ride in the front seat or the back seat?

- 1 Front seat
- 2 Back seat
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q32 When riding as a passenger in the front seat how often do you wear your seatbelt? **READ LIST.**

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 Rarely or
- 5 Never
- 6 (VOL) Never ride in front seat
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q33 When riding as a passenger in the back seat how often do you wear your seatbelt? **READ LIST.**

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 Rarely or
- 5 Never
- 6 (VOL) Never ride in back seat
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF Q1 NE NEVER (10) OR YEAR+ (11) AND Q5 NE MOTORCYCLE, SKIP TO Q40.**

**IF Q1=NEVER (10) OR YEAR+ (11) AND Q32 NE 1-4 AND Q33 NE 1-4, SKIP TO Q40.**

**IF Q5=MOTORCYCLE AND Q32 NE 1-4 AND Q33 NE 1-4, SKIP TO Q40, ELSE ASK Q34.**

Q34 I'm going to read a list of reasons why you might wear your seatbelt. As I'm reading, tell me yes or no whether each reason applies to you. When I wear my seatbelt, I do so because.....

**RANDOMIZE ORDER**

	Yes	No	Don't Know	Refused
a. It's a habit	1	2	8	9
b. I don't want to get a ticket	1	2	8	9
c. I'm uncomfortable without it	1	2	8	9
d. Others want me to wear it	1	2	8	9
e. It's the law	1	2	8	9
f. I want to avoid serious injury	1	2	8	9
g. I want to set a good example for others	1	2	8	9
h. The people I'm with are wearing seatbelts	1	2	8	9
i. My (car/truck/van) has a bell, buzzer, or light that reminds me	1	2	8	9

Q34j Are there any other reasons why you wear your seatbelt?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF Q34J1 =1: What other reasons (why you wear your seatbelt)? MULTIPLE RECORD. DO NOT READ.**

- 1 Makes me comfortable
- 2 Driving longer distance
- 3 Inclement weather
- 4 Driving on the highway
- 5 Heavy traffic
- 6 It's automatic
- 7 Drive more
- 8 Good company image/more professional
- 9 Other (SPECIFY)

**IF MORE THAN ONE YES IN Q34, ASK Q35, ELSE SKIP TO Q36**

**Q35** Of the following reasons you just gave me for wearing your seat belt, which is the most important? **READ LIST. SINGLE RECORD.**

- 1 It's a habit
- 2 I don't want to get a ticket
- 3 I'm uncomfortable without it
- 4 Others want me to wear it
- 5 It's the law
- 6 I want to avoid serious injury
- 7 I want to set a good example for others
- 8 The people I'm with are wearing seatbelts
- 9 A bell, buzzer or light reminds me
- 10 Makes me comfortable
- 11 Driving longer distance
- 12 Inclement weather
- 13 Driving on the highway
- 14 Heavy traffic
- 15 It's automatic
- 16 Drive more
- 17 Good company image/more professional
- 18 Other (SPECIFY)
- 19 (VOL) Can't say one is most important/all are important
- 98 (VOL) Don't know
- 99 (VOL) Refused

**IF Q32 = 2-5 OR Q33 = 2-5 THEN ASK Q36, ELSE SKIP TO Q38**

Q36 Please tell me if you agree or disagree with the following statements concerning your use of seatbelts. Sometimes I do not wear my seatbelt because..... **RANDOMIZE ORDER**

	Yes	No	Don't Know	Refused
a. I'm only riding a short distance	1	2	8	9
b. I'm riding in light traffic	1	2	8	9
c. I'm in a rush	1	2	8	9
d. I forgot to put it on	1	2	8	9
e. I don't want my clothes to get wrinkled	1	2	8	9
f. The seatbelt is uncomfortable	1	2	8	9
g. The probability of being in a crash is too low	1	2	8	9
h. The people I am with are not wearing seatbelts	1	2	8	9
i. I don't like being told what to do	1	2	8	9

Q36j Are there any other reasons why you sometimes do not wear your seatbelt?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q36j1 **IF YES:** What are they (other reasons for not wearing seatbelt)?

---

**IF MORE THAN ONE YES IN Q36a-j, ASK Q37, ELSE GO TO Q38**

Q37 Of the following reasons you just gave me for not wearing your seatbelt, which is the most important? **READ LIST. SINGLE RECORD.**

- 1 I'm only riding a short distance
- 2 I'm riding in light traffic
- 3 I'm in a rush
- 4 I forget to put it on
- 5 I don't want my clothes to get wrinkled
- 6 The seatbelt is uncomfortable
- 7 The probability of being in a crash is too low
- 8 The people I am with are not wearing seatbelts
- 9 I don't like being told what to do
- 10 (VOL) Can't say one is most important/all important
- 13 (VOL) Other (SPECIFY)
- 98 (VOL) Don't know
- 99 (VOL) Refused

Q38 Is there anything that you particularly dislike or find annoying about wearing your seatbelt?

- 1 Yes
- 2 No **SKIP TO Q40**
- 8 (VOL) Don't know **SKIP TO Q40**
- 9 (VOL) Refused **SKIP TO Q40**

Q39 What is it that you dislike or find annoying? Anything else? **MULTIPLE RECORD. DO NOT READ.**

- 1 Uncomfortable
- 2 Seatbelts are a nuisance/hassle/annoyance
- 3 Feel restricted/too confining/constricting
- 4 Pressure on my neck/chokes me/cuts across my neck
- 5 Pressure on my shoulder/shoulder strap too tight
- 6 Pressure on my chest/Strap doesn't fit my chest
- 7 Irritates/chafes my skin/rash
- 8 Wrinkles my clothes
- 9 Other (SPECIFY)
- 98 Don't know
- 99 Refused

Q40 Now I'd like to ask your opinion about seatbelt laws. How do you feel about laws that require drivers and front seat passengers to wear seatbelts? Do you favor these laws a lot, do you favor them some or do you not favor these laws at all?

- 1 Favor a lot
- 2 Favor some
- 3 Not favor at all **SKIP TO Q44**
- 8 (VOL) Don't know **SKIP TO Q44**
- 9 (VOL) Refused **SKIP TO Q44**

Q41 Do you think that seatbelt laws should also apply to back seat ADULT passengers?

- 1 Yes
- 2 No
- 3 Depends on age of the passenger
- 4 Depends on type of vehicle
- 9 (VOL) Other (SPECIFY)
- 98 (VOL) Don't know
- 99 (VOL) Refused



Q42 Do you favor or oppose fines for drivers who do not wear seatbelts?

- 1 Favor
- 2 Oppose **SKIP TO Q43**
- 8 (VOL) Don't know **SKIP TO Q43**
- 9 (VOL) Refused **SKIP TO Q43**

Q42a What do you think the minimum fine should be for a seatbelt violation?

- \_\_\_\_\_ Amount of fine (**RANGE=0-1000**)
- 0 No fine/warning
  - 9998 (VOL) Don't know

Q43 Do you favor or oppose receiving points against a license as a penalty for seatbelt violations?

- 1 Favor
- 2 Oppose
- 3 Depends on past violations
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q44 I'd like you to think about someone you know who doesn't wear seatbelts all of the time. If that person were stopped and fined (AMOUNT OF FINE IN STATE) for not wearing seatbelts, would this person definitely wear seatbelts more often, probably wear seatbelts more often, or probably not change his or her seatbelt wearing habits?

- 1 Definitely wear more often
- 2 Probably wear more often
- 3 Probably not change seatbelt wearing habits
- 4 (VOL) Maybe short-term change, but no long term change
- 8 (VOL) Don't know
- 9 (VOL) Don't know anyone like that

Q45 Suppose you get a ticket for not wearing your seatbelt. Which of the following statements better describes your likely reaction?

- 1 I deserve the ticket because I broke the law, or
- 2 I do NOT deserve the ticket because wearing a seatbelt should be a personal choice
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q46 The next questions are about seatbelt laws in your state. Does (STATE) have a law requiring seatbelt use?

- 1 Yes
- 2 No **SKIP TO Q49**
- 8 (VOL) Don't know **SKIP TO Q49**
- 9 (VOL) Refused **SKIP TO Q49**

Q47 Who is required to wear seatbelts according to your state law? Are (READ ITEM) required to wear seatbelts?

	Yes	No	Don't Know	Refused
a. Drivers	1	2	8	9
b. Children in the front seat	1	2	8	9
c. Children in the back seat	1	2	8	9
d. Adult passengers in the front seat	1	2	8	9
e. Adult passengers in the back seat	1	2	8	9

Q48 According to your state law, can police stop a vehicle if they observe a seatbelt violation or do they have to observe some other offense first in order to stop the vehicle?

- 1 Can stop just for seatbelt violation
- 2 Must observe another offense first
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q49 In your opinion, SHOULD police be allowed to stop a vehicle if they observe a seatbelt violation when no other traffic laws are being broken?

- 1 Should be allowed to stop **SKIP TO Q50**
- 2 Should not
- 8 (VOL) Don't know **SKIP TO Q50**
- 9 (VOL) Refused **SKIP TO Q50**

Q49a Most other traffic laws allow police to stop the vehicle whenever they see a violation. Why do you think seatbelt violations should be treated differently from other traffic violations? **DO NOT READ LIST. MULTIPLE RECORD.**

- 1 Don't pose a risk to others
- 2 Not as serious a violation
- 3 Police may abuse it
- 4 Should be a personal choice/not a good law/infringe on rights
- 5 Can't always tell if seatbelt is on/Can be mistaken
- 6 Should only apply to children
- 10 Other (SPECIFY)
- 98 Don't know
- 99 Refused

**IF Q1=10 (NEVER) OR YEAR + (11) , SKIP TO Q51**

Q50 In the past twelve months, since (MONTH) of last year, have you been stopped by police for ANY traffic-related reason while driving?

- |   |                  |                    |
|---|------------------|--------------------|
| 1 | Yes              |                    |
| 2 | No               | <b>SKIP TO Q51</b> |
| 8 | (VOL) Don't know | <b>SKIP TO Q51</b> |
| 9 | (VOL) Refused    | <b>SKIP TO Q51</b> |

Q50a Were you wearing a seatbelt when you were stopped? **IF STOPPED MORE THAN ONCE IN PAST 12 MONTHS, ASK ABOUT MOST RECENT TIME.**

- |   |                  |                     |
|---|------------------|---------------------|
| 1 | Yes              | <b>SKIP TO Q50e</b> |
| 2 | No               |                     |
| 8 | (VOL) Don't know | <b>SKIP TO Q50e</b> |
| 9 | (VOL) Refused    | <b>SKIP TO Q50e</b> |

Q50b Did you receive a ticket for violating seatbelt laws?

- |   |                  |                     |
|---|------------------|---------------------|
| 1 | Yes              | <b>SKIP TO Q50d</b> |
| 2 | No               |                     |
| 8 | (VOL) Don't know |                     |
| 9 | (VOL) Refused    |                     |

Q50c Did you receive a warning for violating seatbelt laws?

- |   |                  |  |
|---|------------------|--|
| 1 | Yes              |  |
| 2 | No               |  |
| 8 | (VOL) Don't know |  |
| 9 | (VOL) Refused    |  |

Q50d Did you receive a ticket for some other traffic violation?

- |   |                  |                    |
|---|------------------|--------------------|
| 1 | Yes              | <b>SKIP TO Q51</b> |
| 2 | No               | <b>SKIP TO Q51</b> |
| 8 | (VOL) Don't know | <b>SKIP TO Q51</b> |
| 9 | (VOL) Refused    | <b>SKIP TO Q51</b> |

Q50e Did you receive a ticket for any traffic violation?

- |   |                  |  |
|---|------------------|--|
| 1 | Yes              |  |
| 2 | No               |  |
| 8 | (VOL) Don't know |  |
| 9 | (VOL) Refused    |  |

**IF YES IN Q50b SKIP TO Q52**

Q51 Have you ever received a ticket for not wearing seatbelts?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF YES IN Q50c SKIP TO Q52a**

Q52 Have you ever received a warning for not wearing seatbelts?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF YES IN Q50b, Q50c, Q51 OR Q52 ASK Q52a, OTHERWISE SKIP TO Q53**

Q52a After you received the seatbelt (ticket/warning), did you start wearing your seatbelts more often, less often, or was there no change in how often you wore them?

- 1 Wore seatbelt more often
- 2 Wore seatbelt less often
- 3 No change in how often wore seatbelt
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF Q1=NEVER (10) OR YEAR + (11) SKIP TO Q54 ELSE ASK Q53**

Q53 Assume that you do not wear your seatbelt AT ALL while driving over the next six months. How likely do you think you will be to receive a ticket for not wearing a seatbelt? **READ LIST.**

- 1 Very likely
- 2 Somewhat likely
- 3 Somewhat unlikely
- 4 Very unlikely
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q54 How often do you think police should ticket for seatbelt violations? On a scale of 1 to 10, where 1 means police should hardly ever give tickets and 10 means police should give tickets at every opportunity when it comes to enforcing seatbelt laws, how strict should police enforcement be?

- 1 Police should hardly ever give a ticket for violations
- 2
- 3
- 4
- 5
- 6

- 7
- 8
- 9
- 10 Police should give a ticket at every opportunity
- 98 (VOL) Don't know
- 99 (VOL) Refused

Q55 Now I'm going to read you a few statements Please tell me whether you strongly agree, somewhat agree, somewhat disagree, or strongly disagree. **ROTATE LIST.**

		Strongly Agree	Somewhat Agree	Strongly Disagree	Don't Know	
Refused						
a.	Seatbelts are just as likely to harm you as help you.	1	2	3	4	8 9
b.	Police in my community generally do not bother to write tickets for seatbelt violations.	1	2	3	4	8 9
	<b>PROBE FOR DON'T KNOW:</b> Based on what you have seen or have heard from others....					
c.	An accident close to home is usually not as serious as an accident farther away.	1	2	3	4	8 9
d.	If I were in an accident, I would want to have my seatbelt on.	1	2	3	4	8 9
e.	Most motor vehicle accidents happen within five miles of home.	1	2	3	4	8 9
f.	I would feel self-conscious around my friends if I wore a seatbelt and they did not.	1	2	3	4	8 9
g.	I have a habit of wearing a seatbelt because my parents insisted I wear them when I was a child.	1	2	3	4	8 9
	<b>CODE "NOT APPLICABLE" IF NO SEATBELTS WHEN CHILD</b>					
i.	Putting on a seatbelt makes me worry more about being in an accident.	1	2	3	4	8 9

I'd like to ask you a few questions about speed limits.

Q57 In general, do you think most highway speed limits are too low, too high or about right?

- 1 Too low
- 2 Too high
- 3 About right
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q58 How about residential speed limits or those not on a highway? Do you think they are too low, too high or about right?

- 1 Too low
- 2 Too high
- 3 About right
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q59 Would you say the driving of most other drivers is.....? **READ LIST.**

- 1 Excellent
- 2 Very good
- 3 Good
- 4 Fair or
- 5 Poor
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF Q1=NEVER (10) OR YEAR+ (11) SKIP TO Q67 ELSE ASK Q60**

Q60 How often do you feel pressure from other drivers to go faster than the speed limit? **READ LIST.**

- 1 Very often
- 2 Often
- 3 Rarely
- 4 Never
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q61 Which statement best describes your highway driving? (1) I tend to pass other cars more often than other cars pass me, or (2) Other cars tend to pass me more often.

- 1 I tend to pass other cars more often than other cars pass me
- 2 Other cars tend to pass me more often
- 3 (VOL) Neither, I drive the same as most others
- 4 (VOL) I don't drive on highways **SKIP TO Q63**
- 7 (VOL) Both, that is, I tend to pass and others tend to pass me
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q62 In general, how fast do you drive on highways?

\_\_\_\_\_ Miles per hour (**RANGE=40-120**)

- 997 Don't drive on highways
- 998 Don't know
- 999 Refused

Now I'd like to ask you a few questions about airbags.

**IF Q1=NEVER (10) OR YEAR+ (11) OR Q5=MOTORCYCLE, SKIP TO Q67 ELSE ASK Q63**

Q63 Does the (car/truck/van) you normally drive have an air bag?

- 1 Yes
- 2 No **SKIP TO Q66**
- 8 (VOL) Don't know **SKIP TO Q66**
- 9 (VOL) Refused **SKIP TO Q66**

Q64 Does your (car/truck/van) have an air bag in front of the driver?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q65 Does your (car/truck/van) have an airbag in front of where a passenger would sit in the front seat?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q65a Is there an air bag anywhere else in your (car/truck/van)? If so, where? Anywhere else?  
**IF SAY SIDE AIRBAG, ASK IF FRONT OR BACK OR BOTH. DO NOT READ. MULTIPLE RECORD.**

- 1 In the car doors next to front seat
- 2 In the car doors next to rear seat(s)
- 3 Descending curtain from above front seat doors
- 4 Descending curtain from above rear seat doors
- 5 In the front seat itself
- 6 In the rear seat itself
- 9 Yes, but I don't know where
- 10 Other (SPECIFY)
- 20 No
- 98 (VOL) Don't know
- 99 (VOL) Refused

Q66 If you are driving in a vehicle that has an air bag and you get into an accident involving major vehicle damage is it likely or unlikely that you would be injured?

- 1 Likely

- 2 Unlikely
- 3 (VOL) Depends on type of accident
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF Q1=10 OR 11, READ "PASSENGER" & "RIDING" ELSE READ "DRIVER" & "DRIVING"**

Q67 Please tell me whether you agree or disagree with the following statement. If my car has a (driver/passenger) side airbag, I don't need to wear my seatbelt when (driving/riding).

- 1 Agree
- 2 Disagree
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q71 Would you prefer that your next vehicle have DRIVER airbags only, DRIVER AND PASSENGER airbags or NO airbags?

- 1 Driver
- 2 Driver and passenger
- 3 No airbags
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q72 Do you have any concerns about the safety of airbags?

- 1 Yes
- 2 No **SKIP TO Q73**
- 8 (VOL) Don't know **SKIP TO Q73**
- 9 (VOL) Refused **SKIP TO Q73**

Q72a What are those concerns (about the safety of air bags)? **DO NOT READ. MULTIPLE RECORD.**

- 1 Accidental inflation/deploying prematurely
- 3 Failure to deploy/concern about them not working right
- 4 Chemical Powder that burns
- 5 Rate of speed airbag inflates causes injuries
- 6 Injuries/airbags can break your neck
- 7 Broken bones/airbags can break your bones (i.e., nose, fingers, etc.)
- 8 Injuries sustained when airbag is opened on impact
- 10 Adults can be injured by airbags
- 11 Adults can suffocate/can't breath from airbags
- 12 Smaller adults can be injured by airbags
- 13 Children's injury/safety
- 16 Other (SPECIFY)



Q73 In general, do you feel safer in motor vehicles with airbags, about the same, or less safe in vehicles with airbags than those without airbags?

- 1 Safer in vehicles with airbags
- 2 About the same
- 3 Less safe in vehicles with airbags
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q73a In general, how much protection from injury do you feel an air bag would provide in an accident involving major motor vehicle damage? Would the air bag provide....?

- 1 A lot of protection from injury
- 2 Some protection from injury
- 3 Very little protection from injury
- 4 No protection from injury
- 5 (VOL) Depends on type of accident
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q78 Now I'm going to ask you a few questions about alcohol use. During the past 30 days have you had at least one drink of any alcoholic beverage, including liquor, beer, wine or wine coolers?

- 1 Yes **SKIP TO Q80**
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q79 Did you drink any alcoholic beverages at all during the past 12 months?

- 1 Yes **SKIP TO Q81**
- 2 No **SKIP TO Q86**
- 8 (VOL) Don't know **SKIP TO Q86**
- 9 (VOL) Refused **SKIP TO Q86**

Q80 How many days out of the past 30 days did you drink alcoholic beverages?

- \_\_\_\_\_ Days (**RANGE=0-30**)
- 98 Don't know
- 99 Refused

Q81 On the average, how many drinks did you typically have on the days you drank?

- \_\_\_\_\_ Drinks (**RANGE=0-12**)
- 13 More than 12 drinks
- 98 Don't know

99 Refused

**IF Q1=NEVER (10) OR YEAR+ (11) OR Q78=NO, DK OR REFUSED, SKIP TO Q86 ELSE ASK Q82**

Q82 During the past 30 days, have you driven a vehicle after you had been drinking alcohol?

- |   |                  |                    |
|---|------------------|--------------------|
| 1 | Yes              |                    |
| 2 | No               | <b>SKIP TO Q86</b> |
| 8 | (VOL) Don't know | <b>SKIP TO Q86</b> |
| 9 | (VOL) Refused    | <b>SKIP TO Q86</b> |

Q83 How many days out of the past 30 days did you drive after drinking alcoholic beverages?

- \_\_\_\_\_ Days (**RANGE=0-30**)
- |    |            |
|----|------------|
| 98 | Don't know |
| 99 | Refused    |

Q84 In the past 30 days, have you driven a vehicle when you thought you might have consumed too much alcohol to drive safely?

- |   |                  |
|---|------------------|
| 1 | Yes              |
| 2 | No               |
| 8 | (VOL) Don't know |
| 9 | (VOL) Refused    |

Q86 Have YOU ever been injured in a motor vehicle accident? Only count injuries that required medical attention.

- |   |                  |                    |
|---|------------------|--------------------|
| 1 | Yes              | <b>SKIP TO Q87</b> |
| 2 | No               |                    |
| 8 | (VOL) Don't know |                    |
| 9 | (VOL) Refused    |                    |

Q86a Have YOU ever been injured in a motor vehicle accident when you were a passenger, or have you ever been hit and injured by a motor vehicle when you were walking or riding a bike? Only count injuries that required medical attention.

- |   |                  |                    |
|---|------------------|--------------------|
| 1 | Yes              |                    |
| 2 | No               | <b>SKIP TO Q97</b> |
| 8 | (VOL) Don't know | <b>SKIP TO Q97</b> |
| 9 | (VOL) Refused    | <b>SKIP TO Q97</b> |

Q87 How many times has this happened to you?

- \_\_\_\_\_ Times (**RANGE=1-50**)
- |    |            |
|----|------------|
| 98 | Don't know |
| 99 | Refused    |

Q88 How long ago did (that/the most recent) accident occur? **ONLY ACCIDENTS WHERE THEY REQUIRED MEDICAL ATTENTION**

- \_\_\_\_\_ Years ago (**RANGE=0-97**)  
 0 Within the past 12 months  
 98 Don't know  
 99 Refused

Q88a Did (that/the most recent) accident happen less than 5 miles from where you lived at the time of the accident?

- 1 Yes, less than 5 miles  
 2 No, 5 miles or more away **SKIP TO Q89**  
 8 (VOL) Don't know **SKIP TO Q89**  
 9 (VOL) Refused **SKIP TO Q89**

Q88b Where were you GOING when you had that accident? Were you going home, going to work, going to the food store, going to a friend's home or were you going somewhere else?

- 1 Home  
 2 Work  
 3 Food store  
 4 Friend's/Relative's home  
 5 Somewhere else (SPECIFY)  
 8 School/College/Class  
 9 Restaurant/Fast food place  
 10 Recreational activity (ballgame, movies, etc)  
 11 No where in particular/just riding/walking  
 12 Shopping/mall/store  
 98 (VOL) Don't know  
 99 (VOL) Refused

Q88c Where were you COMING FROM when you had that accident? Were you coming from.....? **READ LIST. SHOW ONLY THOSE NOT IN Q88b.**

- 1 Home  
 2 Work  
 3 Food store  
 4 Friend's/Relative's home  
 5 Somewhere else (SPECIFY)  
 8 School/College/Class  
 9 Restaurant/Fast food place  
 10 Recreational activity (ballgame, movies, etc)  
 11 No where in particular/just riding/walking  
 12 Shopping/mall/store  
 98 (VOL) Don't know  
 99 (VOL) Refused

Q89 Were you a driver or a passenger in that accident?

- 1 Driver
- 2 Passenger
- 3 (VOL) Pedestrian
- 4 (VOL) Bicyclist
- 5 (VOL) Motorcycle
- 6 (VOL) Other (SPECIFY)
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF Q89=3 OR 4 (PEDESTRIAN OR BICYCLIST), SKIP TO Q91**

Q90 Were you wearing your seatbelt at the time of the accident?

- 1 Yes
- 2 No
- 3 (VOL) Motorcycle driver/rider
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q91 At which of the following were you treated for your injuries? Were you treated at.....?

	Yes	No	Not Sure	Refused
a. A hospital emergency room	1	2	8	9
b. A doctor's office	1	2	8	9
c. A clinic	1	2	8	9
d. The accident scene	1	2	8	9
e. Somewhere else (SPECIFY)	1	2	8	9

Q92 Were you transported from the accident scene by ambulance or helicopter?

- 1 Yes, ambulance (or rescue vehicle)
- 2 Yes, helicopter
- 3 No, neither
- 4 (VOL) Don't know
- 5 (VOL) Refused

Q93 Were you hospitalized?

- 1 Yes
- 2 No **SKIP TO Q94**
- 8 (VOL) Don't know **SKIP TO Q94**
- 9 (VOL) Refused **SKIP TO Q94**

Q93a How long were you hospitalized?

- 1 Gave answers in days
  - 2 Gave answers in hours
  - 8 (VOL) Don't know
  - 9 (VOL) Refused
- \_\_\_\_\_ Days (**RANGE=0-365**)  
 \_\_\_\_\_ Hours (**RANGE=1-23**)

Q94 Did you receive any continuing or follow-up treatment for your injuries?

- 1 Yes
- 2 No **SKIP TO Q95**
- 8 (VOL) Don't know **SKIP TO Q95**
- 9 (VOL) Refused **SKIP TO Q95**

Q94a Where did you receive this follow-up treatment? Was it at.....? **READ LIST AND MULTIPLE RECORD.**

	Yes	No	Don't Know	Refused
a. A doctor's office	1	2	8	9
b. A physical therapist's office	1	2	8	9
c. A clinic	1	2	8	9
d. A hospital	1	2	8	9
e. A chiropractor	1	2	8	9
f. Somewhere else (SPECIFY)	1	2	8	9

Q95 Did your injuries from that accident prevent you from performing any of your normal activities (work, school, household) for at least a week?

- 1 Yes
- 2 No **SKIP TO Q96**
- 8 (VOL) Don't know **SKIP TO Q96**
- 9 (VOL) Refused **SKIP TO Q96**

Q95a Were there any activities that you were unable to resume because of your injuries even a year after the accident?

- 1 Yes
- 2 No
- 3 Happened less than 1 year ago
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF (YES IN Q95 AND YES IN Q95A) OR Q87=1, SKIP TO Q98**

**IF (YES IN Q95 AND Q95a NE YES AND Q87 NE 1) SKIP TO Q96b**

Q96 Have you ever received injuries from a vehicle accident that prevented you from performing any of your normal activities (work, school, household) for at least a week?

- 1 Yes
- 2 No **SKIP TO Q98**
- 8 (VOL) Don't know **SKIP TO Q98**
- 9 (VOL) Refused **SKIP TO Q98**

Q96a Were there any activities that you were unable to resume because of your injuries even a year after the accident?

- 1 Yes **SKIP TO Q98**
- 2 No **SKIP TO Q98**
- 3 Happened less than 1 year ago **SKIP TO Q98**
- 8 (VOL) Don't know **SKIP TO Q98**
- 9 (VOL) Refused **SKIP TO Q98**

Q96b Have you ever received injuries from a vehicle accident that prevented you from performing any of your normal activities (work, school, household) a year after the accident?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF YES IN Q86 OR Q86a, SKIP TO Q98**

Q97 Were you ever a driver or a passenger in a motor vehicle accident that involved death or injuries requiring medical attention?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q98 People have different beliefs about their own chances of survival in a crash. Do you agree or disagree that if it is your time to die, you'll die, so it doesn't matter whether you wear your seatbelt?

- 1 Agree
- 2 Disagree
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q99 Now I need to ask you some basic information about you and your household. What is your age?

- \_\_\_\_\_ Years old (**RANGE=16-97**)
- 99 Refused

**IF Q25 NOT ASKED, THEN ASK Q101, ELSE SKIP TO Q102**

Q101 How many children age 15 OR YOUNGER are living in your household at least half of the time or consider it their primary residence?

- \_\_\_\_\_ Children (**RANGE=0-12**)
- 99 Refused

Q102 Do you consider yourself to be Hispanic or Latino?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q103 Which of the following racial categories describes you? You may select more than one. **READ LIST AND MULTIPLE RECORD.**

- 1 American Indian or Alaskan Native
- 2 Asian
- 3 Black or African-American
- 4 Native Hawaiian or Other Pacific Islander
- 5 White
- 6 (VOL) Hispanic/Latino
- 11 (VOL) Other (SPECIFY)
- 99 (VOL) Refused

**CONSISTENCY CHECK IF Q103 EQ 6 AND Q102 EQ 2, ASK Q102b; ELSE SKIP TO 103b**

Q102b You just described yourself as Hispanic or Latino. Do you consider yourself to be Hispanic or Latino?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF SPANISH VERSION AUTO PUNCH 1 AT Q103b, AUTO PUNCH 1 AT Q103C; SKIP TO Q105**

Q103b Do you speak a language other than English at home? **ENGLISH VERSION ONLY, ELSE SKIP TO Q105.**

- 1 Yes
- 2 No **SKIP TO 105**
- 8 (VOL) Don't know **SKIP TO 105**
- 9 (VOL) Refused **SKIP TO 105**

Q103c What is this language? **DO NOT READ LIST. MULTIPLE RESPONSE.**

- 1 Spanish
- 2 Chinese
- 3 French
- 4 German
- 5 Tagalog
- 6 Vietnamese
- 7 Italian
- 8 Korean
- 9 Russian
- 10 Polish
- 11 Arabic
- 12 Portuguese
- 13 Japanese
- 14 French Creole
- 15 Greek
- 16 Hindi
- 17 Persian
- 18 Urdu
- 19 Gujarathi
- 20 Armenian
- 21 Other (SPECIFY)
- 99 (VOL) Refused

Q105 What is the highest grade or year of school you completed?

- 8 8th grade or less
- 9 9th grade



- 10 10th grade
- 11 11th grade
- 12 12th grade/GED
- 13 Some college
- 14 College graduate or higher
- 99 (VOL) Refused

Q106 Which of the following categories best describes your total household income before taxes in 2006? (Includes the income of all persons in the household.) Was your total household income.....? **READ LIST.**

- 1 Less than \$5,000
- 2 \$5,000 to \$14,999
- 3 \$15,000 to \$29,999
- 4 \$30,000 to \$49,999
- 5 \$50,000 to \$74,999
- 6 \$75,000 to \$99,999
- 7 \$100,000 or more
- 8 (VOL) Don't know
- 9 (VOL) Refused

In order to better understand driver and rider characteristics, we'd like to ask you about your height and weight.

Q108 About how tall are you without shoes?

- \_\_\_\_\_ Feet (**RANGE=1-8**)
- \_\_\_\_\_ Inches (**RANGE=0-11**)

Q109 What is your weight?

- \_\_\_\_\_ Pounds (**RANGE=50-500**)
- 998 Don't know
- 999 Refused

Q110 Not including cell phones, beepers and pagers, do you have more than one telephone number in your household at which you normally can receive in-coming phone calls?

- 1 Yes
- 2 No **SKIP TO Q110b**
- 9 (VOL) Refused **SKIP TO Q110b**

Q110a How many different telephone numbers do you have at this residence at which you can normally receive incoming phone calls?

- \_\_\_\_\_ Telephone numbers (**10 OR MORE=10**)
- 98 Don't know
- 99 Refused

Q110b Did you visit the D.O.T. website to find out more information about the survey? (at [www.nhtsa.dot.gov](http://www.nhtsa.dot.gov))

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

**Q111 FROM OBSERVATION, ENTER SEX OF RESPONDENT**

- 1 Male
- 2 Female

**Q112 INTERVIEW WAS CONDUCTED IN**

- 1 English
- 2 Spanish

**That completes the survey. Thank you very much for your time and cooperation.**

**APPENDIX A2:**

**ENGLISH LANGUAGE**

**QUESTIONNAIRE**

**VERSION 2**

SCHULMAN, RONCA AND BUCUVALAS, INC.  
275 7<sup>th</sup> Avenue; Suite 2700  
NEW YORK, NEW YORK 10001

STUDY NUMBER 3629B  
Jan 8, 2007  
OMB No. 2127-0645  
Expiration Date: 6/30/2009  
NHTSA 1020B

SURVEY ON OCCUPANT PROTECTION: 2006  
VERSION 2

SAMPLE READ-IN

Sample Type:

- 1 Cross-section
- 2 Over-Sample

State: \_\_\_\_\_ County: \_\_\_\_\_ Metro Status: \_\_\_\_\_

Date: \_\_\_\_\_ CATI ID: \_\_\_\_\_

Interviewer: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

Time Start: \_\_\_\_\_ Time End: \_\_\_\_\_ Total Time: \_\_\_\_\_

**INTRODUCTION**

Hello, I'm \_\_\_\_\_ calling for the U.S. Department of Transportation. We are conducting a national study of Americans' driving habits and their attitudes about current driving laws. (If you would like to learn more about the survey, you can call our toll-free number at 1-888-772-4269 or visit the DOT website at [www.nhsta.dot.gov](http://www.nhsta.dot.gov).)

**DUMMY QUESTION FOR BIRTHDAY QUESTIONS**

- 1 Has had the most recent
- 2 Will have the next

**IF SAMPLE TYPE EQ 1, ASK A1, ELSE SKIP TO B1.**

A1 How many persons, age 16 and older, live in this household?

\_\_\_\_\_ Number of 16+ persons **IF ONLY 1 PERSON, SKIP TO A3**  
 (VOL) None **THANK AND SCREEN OUT**  
 (VOL) Refused **THANK AND END [SOFT REFUSAL]**

A2. How many of those adults are (women/men)? **NONE=00.**

\_\_\_\_\_ Number of women  
 \_\_\_\_\_ Number of men  
 99 Refused

**IF BOTH MEN AND WOMEN, SELECT MALE 60%/FEMALE 40%**

A3 **IF A1=1 READ:** May I please speak to him or her?

**IF A1>1 READ:** In order to select just one person to interview, may I please speak to the (GENDER, If Refused in A2, read-in: "person") in your household, age 16 or older, who (has had the most recent/will have the next) birthday?

- |   |                               |                                     |
|---|-------------------------------|-------------------------------------|
| 1 | Designated Respondent on line | <b>GO TO D1</b>                     |
| 2 | Someone else                  | <b>GO TO D</b>                      |
| 3 | Schedule callback             |                                     |
| 9 | Refused                       | <b>THANK AND END [SOFT REFUSAL]</b> |

**IF SAMPLE TYPE EQ 2 ASK B1**

B1 How many persons, age 16-39, live in this household?

\_\_\_\_\_ Number of 16-39  
(VOL) None

**IF ONLY 1 PERSON, SKIP TO B3**  
**THANK AND SCREEN OUT**

B2 How many of those 16-39 year old adults are (women/men)? **NONE=00.**

\_\_\_\_\_ Number of women  
\_\_\_\_\_ Number of men  
99 Refused

**IF BOTH MEN AND WOMEN, SELECT MALE 60%/FEMALE 40%.**

B3 **IF B1=1 READ:** May I please speak to him or her?

**IF B1>1 READ:** In order to select just one person to interview, may I please speak to the (GENDER, If Refused in A2, read-in: "person") in your household, age 16 - 39 who (has had the most recent/will have the next) birthday?

- |   |                               |                                     |
|---|-------------------------------|-------------------------------------|
| 1 | Designated Respondent on line | <b>GO TO D1</b>                     |
| 2 | Someone else                  | <b>GO TO D</b>                      |
| 3 | Schedule callback             |                                     |
| 9 | Refused                       | <b>THANK AND END [SOFT REFUSAL]</b> |

D Hello, I'm \_\_\_\_\_ calling for the U.S. Department of Transportation. We are conducting a national study of Americans' driving habits and their attitudes about current driving laws. (If you would like to learn more about the survey, you can call our toll-free number at 1-888-772-4269 or visit the DOT website at [www.nhsta.dot.gov](http://www.nhsta.dot.gov).)

D1 The interview is voluntary and the information you provide us will be used for statistical purposes only. We will not collect any personal information that would allow anyone to identify you. If there is a question you don't want to answer, that's OK. The interview takes about 15 - 20 minutes to complete. (This study has been reviewed and approved by the Office of Management and Budget under OMB control number 2127-0645.) Could we begin now?

- |   |                                 |                   |
|---|---------------------------------|-------------------|
| 1 | Continue interview              | <b>SKIP TO Q1</b> |
| 2 | Arrange callback                |                   |
| 3 | Want to think about it/Not sure | <b>SKIP TO D2</b> |

- 9 Refused **SKIP TO D3**
- D2 If you would prefer, you can call our toll-free number to do the interview or you can go to the National Highway Traffic Safety Administration website to learn more about the survey. Would you like the toll-free number or website address?
- 1 Requested toll-free number **PROVIDE NUMBER (1800-----),  
CALLBACK**
- 2 Requested website address **PROVIDE WEBSITE ADDRESS  
([www.nhtsa.dot.gov](http://www.nhtsa.dot.gov)) , CALLBACK**
- 3 Requested both **PROVIDE BOTH, CALLBACK**
- 4 Neither **CALLBACK**
- D3 Would you please tell me why you do not want to do the interview?
- 

**THANK, END [QUALIFIED HARD REFUSAL]**

- Q1 How often do you drive a motor vehicle? Almost every day, a few days a week, a few days a month, a few days a year, or do you never drive?

- 1 Almost everyday/everyday
- 2 Few days a week
- 3 Few days a month
- 4 Few days a year
- 10 Never **SKIP TO Q12**
- 11 More than a year ago **SKIP TO Q12**
- 12 (VOL) Other (SPECIFY)
- 98 (VOL) Don't know
- 99 (VOL) Refused

- Q1a How many years have you been driving? [Read categories if necessary]

- 1 Less than 1 year
- 2 1 to 4 years
- 3 5 to 9 years
- 4 10 to 14 years
- 5 15 to 19 years
- 6 20 years or more
- 8 (VOL) Don't know
- 9 (VOL) Refused

- Q1b Before getting your driver's license, did you take a driver's education course?

- 1 Yes
- 2 No **SKIP TO Q2**
- 8 (VOL) Don't know **SKIP TO Q2**
- 9 (VOL) Refused **SKIP TO Q2**

- Q1c Please tell me if you took your driver's education from any of the following. Did you take a driver's education .....?

	Yes	No	(VOL) Don't Know	(VOL) Refused
a. Course in school	1	2	8	9
b. Course from a private company	1	2	8	9
c. Course over the Internet	1	2	8	9
d. Course from a parent/family member	1	2	8	9
e. Course from somewhere else (SPECIFY)	1	2	8	9

Q2 Is the vehicle you drive most often a car, van, motorcycle, sport utility vehicle, pickup truck, or other type of truck? **IF RESPONDENT DRIVES MORE THAN ONE VEHICLE OFTEN, ASK:** What kind of vehicle did you LAST drive?

- 1 Car
- 2 Van or minivan
- 3 Motorcycle **SKIP TO Q12**
- 4 Pickup truck
- 5 Sport utility vehicle (Jeep/Explorer/Trooper/etc)
- 10 Other (SPECIFY)
- 11 Other truck (SPECIFY)
- 98 (VOL) Don't know
- 99 (VOL) Refused

Q3 When you got the (car/truck/van), did you get it new or used?

- 1 New
- 2 Used
- 8 (VOL) Don't know
- 9 (VOL) Refused

**INTERVIEWER INSTRUCTION: SEATBELT QUESTIONS REFER TO DRIVER SIDE SEATBELTS.**

Q4 For the next series of questions, please answer only for the (car/truck/van) you said you usually drive. Do the seat belts in the front seat of the (car/truck/van) go across your shoulder only, across your lap only, or across both your shoulder and lap?

- 1 Across shoulder **SKIP TO Q7**
- 2 Across lap **SKIP TO Q10**
- 3 Across both
- 4 Vehicle has no belts **SKIP TO Q12**
- 8 (VOL) Don't know **SKIP TO Q11**
- 9 (VOL) Refused **SKIP TO Q11**

Q5 Are the shoulder and lap belt one piece or are they two separate belts?

- |   |                    |                   |
|---|--------------------|-------------------|
| 1 | One piece          | <b>SKIP TO Q7</b> |
| 2 | Two separate belts |                   |
| 8 | (VOL) Don't know   |                   |
| 9 | (VOL) Refused      |                   |

Q6 Are both the shoulder and lap belt automatic, is only the shoulder belt automatic or is neither the shoulder or lap belt automatic?

- |   |                            |                   |
|---|----------------------------|-------------------|
| 1 | Both are automatic         | <b>SKIP TO Q8</b> |
| 2 | Only shoulder is automatic | <b>SKIP TO Q8</b> |
| 3 | Neither are automatic      | <b>SKIP TO Q9</b> |
| 8 | (VOL) Don't know           | <b>SKIP TO Q9</b> |
| 9 | (VOL) Refused              | <b>SKIP TO Q9</b> |

Q7 Is the shoulder belt automatic or do you have to fasten it?

- |   |                  |                   |
|---|------------------|-------------------|
| 1 | Automatic        |                   |
| 2 | Manual           | <b>SKIP TO Q9</b> |
| 8 | (VOL) Don't know | <b>SKIP TO Q9</b> |
| 9 | (VOL) Refused    | <b>SKIP TO Q9</b> |

Q8 When you drive, do you always wear your automatic belt or is it ever disconnected, disabled, or placed behind you?

- |   |                  |
|---|------------------|
| 1 | Always wear it   |
| 2 | Disconnected     |
| 3 | Disabled         |
| 4 | Placed behind me |
| 8 | (VOL) Don't know |
| 9 | (VOL) Refused    |

**IF Q4=1 OR 3 ASK Q9, ELSE SKIP TO Q10**

Q9 When driving this (car/truck/van), how often do you wear your shoulder belt? **READ LIST.**

- |   |                  |
|---|------------------|
| 1 | All of the time  |
| 2 | Most of the time |
| 3 | Some of the time |
| 4 | Rarely or        |
| 5 | Never            |
| 8 | (VOL) Don't know |
| 9 | (VOL) Refused    |



Q10 When driving this (car/truck/van), how often do you wear your lap belt? **READ LIST.**

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 Rarely or
- 5 Never
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF Q4=5, 6 OR Q9=1-4, 6, 7 OR Q10= 1-4, 6, 7 ASK Q11, ELSE SKIP TO Q12**

Q11 When was the last time you did NOT wear your seatbelt (neither lap nor shoulder belt) when driving?

- 1 Today
- 2 Within the past week
- 3 Within the past month
- 4 Within the past 12 months
- 5 A year or more ago/I always wear it
- 8 (VOL) Don't know
- 9 (VOL) Refused

**ASK Q11a IF DON'T KNOW/REFUSED IN Q11**

Q11a Has there been any occasion in the past 12 months when you did not wear your seat belt(neither lap nor shoulder belt) when driving?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q12 To ask the next series of questions, I need to know how many children AGE 15 OR YOUNGER are living in your household at least half of the time or consider it their primary residence?

- \_\_\_\_\_ Children age 15 or younger
- 98 (VOL) Don't Know
- 99 (VOL) Refused

**IF ONE OR MORE IN Q12, ASK Q14a, ELSE GO TO Q17**

**NOTE: TWINS (TRIPLETS, ETC.) MUST EACH BE ENTERED SEPARATELY, YOUNGEST FIRST**

Q14a How old is (this child/the youngest child)? **ENTER TO THE NEAREST YEAR.**

- 0 Newborn/less than 1 year old
- 1 1 year old
- 2 2 year old
- 3 3 year old

- 4 4 year old
- 5 5 year old
- 6 6 year old
- 7 7 year old
- 8 8 year old
- 9 9 year old
- 10 10 year old
- 11 11 year old
- 12 12 year old
- 13 13 year old
- 14 14 year old
- 15 15 year old
- 98 (VOL) Don't know
- 99 (VOL) Refused

Q14b Is the (AGE) a boy or a girl?

- 1 Boy
- 2 Girl
- 9 (VOL) Refused

Q14c How is the (AGE) related to you?

- 1 Child/stepchild
- 2 Grandchild
- 3 Sibling (brother/sister)
- 4 Other relative
- 5 Not related
- 9 (VOL) Refused

**IF Q1=NEVER OR 11 (YEAR+), SKIP TO Q69**

**ALL RESPONDENTS WHO HAVE SONS/DAUGHTERS UNDER AGE 9 GO TO Q21**

**IF CHILDREN IN HOUSEHOLD UNDER 9 BUT NONE ARE SONS/DAUGHTERS ASK Q15**

**IF ALL REFUSALS IN Q14a THROUGH Q14c THEN SKIP TO Q17**

Q15 Do you ever drive with (the child/ at least one of the children under age 9) that you just mentioned in your (car/truck/van)?

- 1 Yes, one child in household **SKIP TO Q21**
- 2 Yes, more than one child
- 3 No **SKIP TO Q17**
- 8 (VOL) Don't know **SKIP TO Q17**
- 9 (VOL) Refused **SKIP TO Q17**

Q16 Which of the children under age nine do you ever drive with? **ENTER AGE OF EACH CHILD DRIVE AT LEAST SOMETIMES BELOW. REFUSED=99.**

- \_\_\_\_\_ Age of child #1
- \_\_\_\_\_ Age of child #2
- \_\_\_\_\_ Age of child #3
- \_\_\_\_\_ Age of child #4
- \_\_\_\_\_ Age of child #5
- \_\_\_\_\_ Age of child #6

**ALL WHO DRIVE WITH CHILDREN UNDER AGE NINE GO TO Q21  
IF NEVER DRIVE OR YEAR+ IN Q1, SKIP TO Q69  
IF NO CHILDREN UNDER AGE 9 ASK Q17**

Q17 In the past 12 months, have you driven with any children under age 9?

- 1 Yes
- 2 No **SKIP TO Q69**
- 8 (VOL) Don't know **SKIP TO Q69**
- 9 (VOL) Refused **SKIP TO Q69**

Q18 How often do you drive with children under age nine? Is it.....?

- 1 Almost every day
- 2 Few days a week
- 3 Few days a month
- 4 Few days a year
- 10 Never **SKIP TO Q69**
- 11 Other (SPECIFY)
- 98 (VOL) Don't know
- 99 (VOL) Refused

Q18b How many of these children under age 9 do you at least sometimes drive with?

- \_\_\_\_\_ Children (**RANGE=1-8**)
- 98 (VOL) Don't know
- 99 (VOL) Refused

**ASK AGE & SEX OF CHILDREN (Q19A1)**

Q19a What is your relationship to the child or children under age 9 that you at least sometimes drive with?

- 1 Child/stepchild **ASK AGE & SEX OF CHILDREN (Q19B/C)**
- 2 Brother/sister
- 3 Grandchild
- 4 Other relative
- 5 Non-relative
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q19b What is age of youngest child under age 9?

- \_\_\_\_\_ Years old (**RANGE=0-8**)  
 9 Age 9 or older  
 98 (VOL) Don't know  
 99 (VOL) Refused

Q19c Is the child/stepchild a boy or a girl?

- 1 Boy  
 2 Girl  
 8 (VOL) Don't know  
 9 (VOL) Refused

**IF CHILD/STEPCHILD IN Q19a, SKIP TO Q21**

Q20 When you are driving and children under age 9 are riding with you, would you say that they are in a child car seat, booster seat, or a seat belt all of the time, most of the time, some of the time, rarely or never?

- |   |                        |                    |
|---|------------------------|--------------------|
| 1 | All of the time        | <b>SKIP TO Q69</b> |
| 2 | Most of the time       | <b>SKIP TO Q69</b> |
| 3 | Some of the time       | <b>SKIP TO Q69</b> |
| 4 | Rarely                 | <b>SKIP TO Q69</b> |
| 5 | Never                  | <b>SKIP TO Q69</b> |
| 6 | (VOL) Depends on child | <b>SKIP TO Q69</b> |
| 8 | (VOL) Don't know       | <b>SKIP TO Q69</b> |
| 9 | (VOL) Refused          | <b>SKIP TO Q69</b> |

**DRIVERS WITH CHILDREN UNDER AGE NINE IN THE HOUSEHOLD CONTINUE  
 RANDOM SELECTION OF ONE ELIGIBLE CHILD: DUMMY WITH SELECTED AGE  
 CRITERIA: Q1 NE 10 OR 11, AND (Q14C=1 AND Q14A UNDER 9) OR (Q15=1) OR (Q15=2  
 AND Q16 UNDER 9) OR (Q19A=1 AND Q19B UNDER 9).**

Q21 The following questions are for the (AGE), only. How much does the (AGE) weigh?  
**IGNORE REFERENCES TO OUNCES; ONLY RECORD POUNDS.**

- \_\_\_\_\_ Pounds (**RANGE=1-200**)  
 998 (VOL) Don't know  
 999 (VOL) Refused

Q21a Does the (AGE) weigh.....? **IF NOT SURE, PLEASE ASK RESPONDENT TO  
 GIVE HIS/HER BEST ESTIMATION.**

- 1 Less than 20 pounds  
 2 20 to 29 pounds  
 3 30 to 39 pounds  
 4 40 to 60 pounds  
 5 61 pounds or more  
 8 (VOL) Don't know  
 9 (VOL) Refused

**CONSISTENCY CHECK BETWEEN WEIGHT AND AGE: IF WEIGHT IS LESS THAN 20 POUNDS AND AGE GT 1, REPEAT WEIGHT QUESTION. IF NOT SURE, PLEASE ASK RESPONDENT TO GIVE HIS/HER BEST ESTIMATION.**

Q22 How tall is the (AGE)? **RECORD BOTH FEET AND INCHES.**

- 1 Gave response
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q22a How tall is the (AGE)? **RECORD FEET.**

\_\_\_\_\_ feet (**RANGE=1-6**)

Q22b How tall is the (AGE)? **RECORD INCHES.**

\_\_\_\_\_ inches (**RANGE=0-12**)

**COMPUTE DUMMY HEIGHT IN INCHES AS (FEET X 12) + INCHES.  
 CONSISTENCY CHECK BETWEEN HEIGHT IN INCHES AND WEIGHT.  
 IF HEIGHT LT 13 INCHES, REPEAT HEIGHT QUESTION.  
 IF HEIGHT 13-24 INCHES, WEIGHT=5-19 LBS.  
 IF HEIGHT 25-36 INCHES, WEIGHT=20-39 LBS.  
 IF HEIGHT 37-48 INCHES, WEIGHT=40-60 LBS.  
 IF HEIGHT 49-60 INCHES, WEIGHT=61-80 LBS.  
 IF HEIGHT GT 61 INCHES, REPEAT HEIGHT QUESTION.  
 IF FAILS CONSISTENCY CHECK THEN RECHECK WEIGHT AND HEIGHT. MAKE  
 CHANGES, IF ANY, THEN GO TO Q23**

Q23 When you are driving and the (AGE) rides in the vehicle with you, how often does (he/she) ride in a child car seat. Child car seats include infant seats, toddler seats and booster seats. Would you say (he/she) rides in a child car seat.....? **READ LIST.**

- 1 All of the time **SKIP TO Q24**
- 2 Most of the time **SKIP TO Q24**
- 3 Some of the time **SKIP TO Q24**
- 4 Rarely, or **SKIP TO Q24**
- 5 Never **SKIP TO Q59**
- 6 (VOL) Never drive with child **SKIP TO Q65**
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q23a Does the (AGE) at least occasionally ride in a child car seat when riding with you?

- 1 Yes
- 2 No **SKIP TO Q59**
- 8 (VOL) Don't know **SKIP TO Q65**
- 9 (VOL) Refused **SKIP TO Q65**

Q24 When was the last time the (AGE) DID NOT ride in a child car seat when you were driving? (Remember, child car seats include infant seats, toddler seats, and booster seats). **READ LIST IF NECESSARY.**

- |    |                                      |                                |
|----|--------------------------------------|--------------------------------|
| 1  | Today                                | <b>SKIP TO Q25A1</b>           |
| 2  | Within the past week                 | <b>SKIP TO Q25A1</b>           |
| 3  | Within the past month                | <b>SKIP TO Q25A1</b>           |
| 4  | Within the past 12 months            | <b>SKIP TO Q25A1</b>           |
| 5  | A year or more ago/ always wears it  | <b>SKIP TO Q25A1</b>           |
| 10 | (VOL) Never rides in car seat        | <b>GO TO CONSISTENCY CHECK</b> |
| 11 | (VOL) Never drives with child in car | <b>GO TO CONSISTENCY CHECK</b> |
| 98 | (VOL) Don't know                     | <b>SKIP TO Q24a</b>            |
| 99 | (VOL) Refused                        | <b>SKIP TO Q24a</b>            |

**Q24 PUNCHES 10 & 11 CONSISTENCY CHECK**

Q24a1 I think I may have marked something wrong, let me double check. **IF PUNCH=10 READ:** your (AGE) never rides in a car seat; **IF PUNCH=11 READ:** you never drive with your (AGE) in a car. Is that right?

- |   |                     |  |
|---|---------------------|--|
| 1 | Correct             | <b>IF ORIGINAL PUNCH=10, SKIP TO Q59</b><br><b>IF ORIGINAL PUNCH=11, SKIP TO Q65</b> |
| 2 | No that's not right | <b>GO BACK TO Q24</b>  |
| 8 | (VOL) Don't know    |  |
| 9 | (VOL) Refused       |  |

**ASK IF DON'T KNOW OR REFUSED IN Q24 OR Q24a1**

Q24a Has there been any occasion in the past 12 months when the (AGE) did not ride in a car seat when you were driving?

- |   |                  |
|---|------------------|
| 1 | Yes              |
| 2 | No               |
| 8 | (VOL) Don't know |
| 9 | (VOL) Refused    |

Q25a1 When the (AGE) rides in the child car seat, does the child wear harness straps that go over the shoulders and buckle between the legs?

- |   |                           |                                |
|---|---------------------------|--------------------------------|
| 1 | Yes                       | <b>SKIP TO Q25a2</b>           |
| 2 | No                        | <b>SKIP TO Q25b</b>            |
| 3 | (VOL) Never uses car seat | <b>GO TO CONSISTENCY CHECK</b> |
| 8 | (VOL) Don't know          | <b>SKIP TO Q25c</b>            |
| 9 | (VOL) Refused             | <b>SKIP TO Q25c</b>            |

**Q25A1 PUNCH 3 CONSISTENCY CHECK**

q25a1b I think I may have marked something wrong, let me double check, your (AGE) never rides in a car seat? Is that right?

- |   |                     |                         |
|---|---------------------|-------------------------|
| 1 | Correct             | <b>SKIP TO Q59</b>      |
| 2 | No that's not right | <b>GO BACK TO Q25a1</b> |
| 8 | (VOL) Don't know    | <b>SKIP TO Q25c</b>     |

9 (VOL) Refused **SKIP TO Q25c**

Q25a2 Is the (AGE) usually in a front facing position when riding in the car seat, where the child faces towards the front of the vehicle? Or is the child usually in a rear facing position when riding in the car seat, where the child faces towards the rear of the vehicle?

1 Front facing **SKIP TO Q26**  
 2 Rear facing **SKIP TO Q26**  
 8 (VOL) Don't know **SKIP TO Q25c**  
 9 (VOL) Refused **SKIP TO Q25c**

Q25b Does the (AGE) ride in a booster seat?

1 Yes **SKIP TO Q26**  
 2 No  
 8 (VOL) Don't know  
 9 (VOL) Refused

Q25c Could you tell me the type of car seat the child usually rides in?

---

Q26 When you are driving and the (AGE) rides in the [child car seat/**IF Q25b=1 READ:** booster seat], is he/she usually in the front seat or the back seat?

1 Front seat **SKIP TO Q29**  
 2 Back seat **SKIP TO Q26a**  
 3 (VOL) Never uses car seat **GO TO CONSISTENCY CHECK**  
 8 (VOL) Don't know **SKIP TO Q29**  
 9 (VOL) Refused **SKIP TO Q29**

**Q26 PUNCH 3 CONSISTENCY CHECK**

Q26a1 I think I may have marked something wrong, let me double check: your (AGE) never rides in a [car seat /**IF Q25b=1 READ:** booster seat]. Is that right?

1 Correct **SKIP TO Q59**  
 2 No that's not right **GO BACK TO Q26**  
 8 (VOL) Don't know **SKIP TO Q29**  
 9 (VOL) Refused **SKIP TO Q29**

Q26a Is the [child car seat/**IF Q25b=1 READ:** booster seat] usually behind the driver, behind the passenger or in the middle of the back seat?

1 Behind the driver  
 2 Behind the passenger  
 3 In the middle  
 8 (VOL) Don't know  
 9 (VOL) Refused

Q29 How many days out of the past thirty days did the (AGE) ride in a vehicle that you drove?

- \_\_\_\_\_ Days (**RANGE=0-30**)  
 98 (VOL) Don't know  
 99 (VOL) Refused

Q30 During the past thirty days, has the (AGE) ridden in a vehicle where someone outside of your household was driving (includes school buses, taxis and other private vehicles)?

- 1 Yes  
 2 No **SKIP TO Q31**  
 8 (VOL) Don't know **SKIP TO Q31**  
 9 (VOL) Refused **SKIP TO Q31**

Q30a How many days out of the past thirty days did the (AGE) ride in a vehicle driven by someone outside of your household?

- \_\_\_\_\_ Days (**RANGE=0-32**)  
 98 (VOL) Don't know  
 99 (VOL) Refused

Q30b Who were those drivers? (What is their relationship to the child?) **MULTIPLE RECORD.**

- 1 Parent/step-parent  
 2 Brother/sister  
 3 Grandparent  
 4 Other relative  
 5 Daycare/child care provider  
 6 Parent of friends  
 7 Bus driver  
 8 Other non-relative  
 98 (VOL) Don't know  
 99 (VOL) Refused

Q31 Where would you say it is safest to place a [child car seat/**IF Q25b=1 READ:** booster seat] in the vehicle: in the front seat or in the backseat?

- 1 Front seat  
 2 Backseat  
 3 (VOL) Depends on type of child car seat  
 8 (VOL) Don't know  
 9 (VOL) Refused

Q33 Now thinking again about the [child car seat/**IF Q25b=1 READ:** booster seat] the (AGE) usually rides in, did you get the [child car seat /**IF Q25b=1 READ:** booster seat] new or used?

- 1 New



- 2 Used
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q34 Did you purchase the child car seat, [**IF Q25b=1 READ: booster seat**] did you get it as a gift or loaner from a relative or friend or did you get it from a loaner program (such as a hospital or other organization that loans you a car seat [**IF Q25b=1 READ: booster seat**] which must be returned)? **IF RESPONDENT HAD USED THE CHILD CAR SEAT PREVIOUSLY, PROBE TO DETERMINE WHERE CHILD CAR SEAT ORIGINALLY CAME FROM.**

- 1 Purchased
- 2 Gift/loan
- 3 Loaner program
- 9 Other (SPECIFY)
- 98 (VOL) Don't know
- 99 (VOL) Refused

**IF Q33=NEW ASK Q36, ELSE GO TO Q37**

Q36 Was there a registration card that came with the car seat [**IF Q25b=1 READ: booster seat**] when you got it?

- 1 Yes
- 2 No **SKIP TO Q37**
- 8 (VOL) Don't know **SKIP TO Q37**
- 9 (VOL) Refused **SKIP TO Q37**

Q36a Did you fill out and mail the registration card?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q37 Did you ever read or hear of any information or receive any advice about the need to use child car seats [**IF Q25b=1 READ: booster seats**] from any of the following sources? Did you get any information.....?

	Yes	No	(VOL) Don't Know	(VOL) Refused
a. From a doctor or nurse	1	2	8	9
b. From a book, magazine, or article	1	2	8	9
c. From a daycare provider	1	2	8	9
d. From TV or radio	1	2	8	9
e. From a family member or friend	1	2	8	9
f. From a safety hotline	1	2	8	9
g. From the Internet	1	2	8	9

Q37h Did you hear or read about the need to use child car seats [**IF Q25b=1 READ:** booster seats] from anywhere else?

- |   |                  |                    |
|---|------------------|--------------------|
| 1 | Yes              |                    |
| 2 | No               | <b>SKIP TO Q38</b> |
| 8 | (VOL) Don't know | <b>SKIP TO Q38</b> |
| 9 | (VOL) Refused    | <b>SKIP TO Q38</b> |

Q37i Where?

---

**IF Q25b=1 SKIP TO Q39**

Q38 How did you learn to attach the child car seat to the vehicle? **MULTIPLE RECORD.**

- |    |  |                    |
|----|--|--------------------|
| 1  | Read the instructions                      |                    |
| 2  | Relative or friend showed me               |                    |
| 3  | Went to fitting station/inspection station |                    |
| 4  | Health professional showed me              |                    |
| 5  | Figured it out myself                      |                    |
| 6  | Car seat came attached to car              | <b>SKIP TO Q47</b> |
| 8  | TV program                                 |                    |
| 9  | Police department                          |                    |
| 10 | Fire department                            |                    |
| 11 | Car seat class                             |                    |
| 7  | Other (SPECIFY)                            |                    |
| 98 | (VOL) Don't know                           |                    |
| 99 | (VOL) Refused                              |                    |

**IF Q38=1, THEN GO TO Q40 ELSE GO TO Q39**

Q39 Did you ever read the instructions [for the child car seat/**IF Q25b=1 READ:** for the booster seat]?

- |   |                  |                    |
|---|------------------|--------------------|
| 1 | Yes              |                    |
| 2 | No               | <b>SKIP TO Q42</b> |
| 8 | (VOL) Don't know | <b>SKIP TO Q42</b> |
| 9 | (VOL) Refused    | <b>SKIP TO Q42</b> |

Q40 Which instructions did you read? Did you read.....? **RANDOMIZE ORDER OF ITEMS.**

	Yes	No	(VOL) Don't Know	(VOL) Refused
a. The instructions that were on the box for the car seat[ <b>IF Q25b=1 READ: booster seat</b> ]	1	2	8	9
b. The instructions that were on the label of the car seat [ <b>IF Q25b=1 READ: booster seat</b> ]	1	2	8	9
c. The instructions that came in the owner's manual	1	2	8	9

Q41 How easy or difficult were the instructions to understand? Would you say that the instructions were very easy, somewhat easy, somewhat difficult, or very difficult to understand?

- 1 Very easy **SKIP TO Q43**
- 2 Somewhat easy **SKIP TO Q43**
- 3 Somewhat difficult **SKIP TO Q43**
- 4 Very difficult **SKIP TO Q43**
- 8 (VOL) Not sure **SKIP TO Q43**
- 9 (VOL) Refused **SKIP TO Q43**

Q42 Were any instructions available?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF Q25b=1 SKIP TO Q47**

Q43 How easy is it for you to attach the child car seat to the vehicle you usually drive? **READ LIST.**

- 1 Very easy **SKIP TO Q46**
- 2 Somewhat easy or
- 3 Not easy at all
- 8 (VOL) Don't know **SKIP TO Q46**
- 9 (VOL) Refused **SKIP TO Q46**

Q44 What is difficult about attaching the child car seat to the vehicle? **MULTIPLE PUNCH. DO NOT READ.**

- 1 Fitting the seatbelt through the car seat hole/loop
- 2 Hooking it/attaching to seat/buckle
- 3 Adjusting seatbelt making sure it is tight enough
- 4 Not enough room to maneuver/Design of backseat makes it awkward
- 5 I have to put my hand/arm through back of child car seat to attach
- 6 Other (SPECIFY)
- 8 (VOL) Don't know/not sure/no answer

9 (VOL) Refused

Q46 Have you ever driven with the child in the car seat and later found that the car seat was not securely attached?

1 Yes

2 No

**SKIP TO Q46b**

8 (VOL) Not sure

**SKIP TO Q46b**

9 (VOL) Refused

**SKIP TO Q46b**

Q46a Why did this happen? **MULTIPLE PUNCH. DO NOT READ.**

1 Forgot/wasn't paying attention/carelessness

2 Hard to attach tightly enough

3 Seat put in by spouse/someone else who did not attach it right

4 Moved car seat between cars/within same car

5 Child knows how to unbuckle him/herself

6 Other child loosened baby's seat accidentally

7 Other (SPECIFY)

8 (VOL) Don't know

9 (VOL) Refused

Q46b When you attach the child car seat to your (car/truck/van) do you use the seat belt in the (car/ truck/van) to attach the child car seat, or do you use something else to attach the car seat to the vehicle?

1 Use seat belt

**SKIP TO Q46d**

2 Use something else

8 (VOL) Don't know

**SKIP TO Q46d**

9 (VOL) Refused

**SKIP TO Q46d**

Q46c What do you use to attach the child car seat to your (car/truck/van)?

---

8 (VOL) Don't know

9 (VOL) Refused

**IF Q25a2=1 OR Q25a2>2, ASK Q46d, ELSE SKIP TO Q47**

Q46d Some child car seats have a strap on the BACK of the car seat, near the top. This strap or tether is designed to attach to a motor vehicle at a place behind the car seat when the child is sitting facing forward. Does the child car seat you use with the (AGE) have this kind of tether strap on its back?

1 Yes

2 No

**SKIP TO Q47**

8 (VOL) Don't know

**SKIP TO Q47**

9 (VOL) Refused

**SKIP TO Q47**

Q46e When the (AGE) rides in the child car seat, how often is the tether strap attached to the motor vehicle? Would you say that the tether strap is attached to the motor vehicle on all trips that the child rides in the car seat, most trips, some trips, or no trips?

- |   |                  |                    |
|---|------------------|--------------------|
| 1 | All trips        | <b>SKIP TO Q47</b> |
| 2 | Most trips       |                    |
| 3 | Some trips       |                    |
| 4 | No trips         |                    |
| 8 | (VOL) Don't know | <b>SKIP TO Q47</b> |
| 9 | (VOL) Refused    | <b>SKIP TO Q47</b> |

Q46f When the child is riding in the car seat and the tether strap is not attached to the motor vehicle, what are the reasons the tether strap is not attached? **DO NOT READ. MULTIPLE RECORD.**

- |    |                                     |
|----|-------------------------------------|
| 1  | No place on vehicle to attach strap |
| 2  | Don't know how to attach strap      |
| 6  | Not required/needed                 |
| 7  | Didn't want the hassle              |
| 8  | Seatbelt is good enough             |
| 9  | Forgot                              |
| 3  | Other (SPECIFY)                     |
| 98 | (VOL) Don't know                    |
| 99 | (VOL) Refused                       |

Q47 How easy is it for you to properly buckle your child into the [child car seat/IF Q25b=1, READ: Booster Seat]? **READ LIST.**

- |   |                                    |                    |
|---|------------------------------------|--------------------|
| 1 | Very easy                          | <b>SKIP TO Q50</b> |
| 2 | Somewhat easy or                   |                    |
| 3 | Not easy at all                    |                    |
| 4 | (VOL) Child buckles him/herself in | <b>SKIP TO Q50</b> |
| 8 | (VOL) Don't know                   | <b>SKIP TO Q50</b> |
| 9 | (VOL) Refused                      | <b>SKIP TO Q50</b> |

Q48 What is difficult about buckling your child into the [child car seat/IF Q25b=1, READ: Booster Seat]? **MULTIPLE PUNCH. DO NOT READ.**

- |   |   |
|---|---|
| 1 | Hard to snap/buckle   |
| 2 | Adjusting shoulder straps to fit properly/tightness of seat         |
| 3 | Heavy/bulky/winter clothing makes it difficult to buckle child      |
| 4 | Child doesn't sit still/down/uncooperative/squirms                  |
| 5 | Difficult for adult to crawl/squeeze into rear of vehicle to buckle |
| 6 | Other (SPECIFY)   |
| 8 | (VOL) Don't know/not sure/no answer                                 |
| 9 | (VOL) Refused   |

Q50 Has the (AGE) ever gotten himself/herself out of the [child car seat/If Q25b = 1, read "Booster Seat"] while you were driving?

- |   |     |
|---|-----|
| 1 | Yes |
|---|-----|

- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q50a How often do you move the [child car seat/**IF Q25b=1, READ:** Booster Seat] from one motor vehicle to another motor vehicle? Would you say that you move the [child car seat/**IF Q25b=1, READ:** Booster Seat] from one motor vehicle to another almost every day, a few days a week, a few days a month, a few days a year, or never?

- 1 Almost every day/every day
- 2 A few days a week
- 3 A few days a month
- 4 A few days a year
- 10 Never
- 11 (VOL) Other (SPECIFY)
- 98 (VOL) Don't know
- 99 (VOL) Refused

**IF Q25b=1, READ:** For the next series of questions, I will be asking you about your experience with child car seats as apposed to the booster seat you are currently using.

Q51 In many communities, there are places where people can go to have someone check whether they are correctly attaching their car seat and buckling in their children. Did you ever go to a place like this to have someone check how you were attaching the car seat?

- 1 Yes
- 2 No **SKIP TO Q51j**
- 8 (VOL) Don't know **SKIP TO Q51j**
- 9 (VOL) Refused **SKIP TO Q51j**

Q51a Could you tell me what type of organization or company sponsored the car seat check you went to? **MULTIPLE RECORD.**

- 1 Car dealership
- 2 Auto manufacturer
- 3 State or county
- 4 Police
- 5 Fire or rescue units
- 6 Retail store
- 7 Hospital/medical/health center
- 8 Charitable org/community service org/AAA/public interest
- 10 Other (SPECIFY)\_
- 98 (VOL) Don't know
- 99 (VOL) Refused

Q51b How did you find out about the car seat check you went to? **DO NOT READ. MULTIPLE RECORD.**

- 1 Heard about it on television
- 2 Heard about it on radio

- 3 Read about it in a local paper
- 4 Someone I knew told me about it
- 5 Website/Internet
- 9 Flyers
- 10 Saw it taking place/Drove by
- 11 At work
- 12 Sign on the road/outside
- 13 Doctor's office/Hospital
- 6 Other (SPECIFY)
- 98 (VOL) Don't know
- 99 (VOL) Refused

Q51c Did the person who was checking the car seat for you find anything that was wrong in how you attached the seat or buckled in your child?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q51d Did the person who was checking the car seat for you suggest that you do anything differently in how you attach the seat or buckle in your child?

- 1 Yes
- 2 No **SKIP TO Q51f**
- 8 (VOL) Don't know **SKIP TO Q51f**
- 9 (VOL) Refused **SKIP TO Q51f**

Q51e What did that person suggest you do differently? **MULTIPLE PUNCH. DO NOT READ.**

- 1 Make seat belt tighter/More pressure on seat belt
- 2 Put knee/weight on car seat to fasten down more securely
- 3 Used foam/towel/something behind/underneath to make more secure
- 4 Adjust straps for the child
- 5 Other (SPECIFY)
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q51f During the car seat check, were you given a chance to practice attaching the seat and buckling in your child? Or did you spend all of the time watching someone else check the seat and show you how to attach it?

- 1 Given a chance to practice
- 2 Spent all of the time watching **SKIP TO Q51h**
- 3 Other (SPECIFY)
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q51g Before leaving the car seat check, who was the last person to adjust the car seat? Was that you or the person who checked the seat?

- 1 You (respondent)
- 2 Person who check the seats
- 3 Someone else (SPECIFY)
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q51h Which of the following statements best describes how you felt when you left the car seat Check?

- 1 You felt that you had not learned anything you did not already know;
- 2 You felt you had learned to do a better job attaching the seat and buckling in your child, but were still unsure that you could do everything correctly yourself; or
- 3 You felt fully confident that you could attach the car seat and buckle in your child correctly yourself?

- 1 Didn't learn anything new
- 2 Could do a better job, but still unsure
- 3 Confident could do things correctly **SKIP TO Q51j**
- 8 (VOL) Don't know **SKIP TO Q51j**
- 9 (VOL) Refused **SKIP TO Q51j**

Q51i When you left, what did you feel most unsure about?

- 
- 8 (VOL) Don't know
  - 9 (VOL) Refused

Q51j Recently a new way of attaching child car seats has been developed called LATCH. That's short for Lower Anchors and Tethers for Children. Before today, had you ever heard of LATCH?

- 1 Yes
- 2 No **SKIP TO Q52**
- 8 (VOL) Don't know **SKIP TO Q52**
- 9 (VOL) Refused **SKIP TO Q52**

Q51l Have you ever used a LATCH system child car seat?

- 1 Yes
- 2 No **SKIP TO Q52**
- 8 (VOL) Don't know **SKIP TO Q52**
- 9 (VOL) Refused **SKIP TO Q52**

Q51m Did you have any difficulties attaching the LATCH system car seat to the motor vehicle?

- 1 Yes
- 2 No **SKIP TO Q52**
- 8 (VOL) Don't know **SKIP TO Q52**
- 9 (VOL) Refused **SKIP TO Q52**



Q51n What difficulties did you have?

- 
- 8 (VOL) Don't know
  - 9 (VOL) Refused

**IF [Q23= 1 (ALL THE TIME) AND {(Q24=5 (YR AGO/ALWAYS) OR Q24a=2 (NO))} SKIP TO Q64 ELSE ASK Q52**

**IF Q25b=1 READ:** Ok, now we will go back to discussing your (AGE) who uses a booster seat.

Q52 Please answer yes or no to each of the following statements. When my (AGE) doesn't ride in a [child car seat/**IF Q25b=1, READ:** Booster Seat], it is sometimes because...

	Yes	No	(VOL) Don't Know	(VOL) Refused
a. He/she is too big	1	2	8	9
b. He/she doesn't like it	1	2	8	9
c. He/she won't stay in it	1	2	8	9
d. There is no room for the seat in the car	1	2	8	9
e. He/she will only be in the car a short time				
f. We are in a hurry				
g. The child car seat isn't available	1	2	8	9

Q52h Are there any other reasons why (he/she) doesn't ride in a [child car seat/**IF Q25b=1, READ:** Booster Seat]?

- 1 Yes
- 2 No **SKIP TO Q53**
- 8 (VOL) Don't know **SKIP TO Q53**
- 9 (VOL) Refused **SKIP TO Q53**

What other reasons? (Child doesn't ride in a child car seat)

---

- Q53 When the (AGE) doesn't ride in the [child car seat/**IF Q25b=1, READ: Booster Seat**] when riding with you, does (he/she) usually sit on someone's lap?
- 1 Yes
  - 2 No
  - 8 (VOL) Don't know
  - 9 (VOL) Refused
- Q54 When the (AGE) doesn't ride in the [child car seat/**IF Q25b=1, READ: Booster Seat**] when riding with you, does (he/she) usually sit in the front seat or in the back seat?
- 1 Front seat
  - 2 Backseat
  - 3 (VOL) Back of station wagon or truck
  - 8 (VOL) Don't know
  - 9 (VOL) Refused
- Q55 When the (AGE) doesn't ride in the [child car seat/If Q25b = 1, read "Booster Seat"] when riding with you, how often is (he/she) buckled in a seat belt? (**READ LIST**)
- 1 All of the time
  - 2 Most of the time
  - 3 Some of the time
  - 4 Rarely or
  - 5 Never
  - 8 (VOL) Not sure
  - 9 (VOL) Refused
- SKIP TO Q58**  
**SKIP TO Q58**  
**SKIP TO Q58**
- Q56 Does the seat belt that the child usually wears go across the shoulder only, across the lap only, or across both the shoulder and lap?
- 1 Across shoulder
  - 2 Across lap
  - 3 Across both
  - 8 (VOL) Don't know
  - 9 (VOL) Refused

**IF Q56 = 1, ASK Q57a/d/e/f. IF Q56 = 2, ASK Q57b/c/f. IF Q56 > 2, ASK ALL ITEMS.**

Q57 Please tell me, yes or no, if the following things usually happen when the (AGE) wears a seat belt while riding in a motor vehicle. On most trips, does.....?

	Yes	No	(VOL) Don't Know	(VOL) Refused
a. The shoulder belt go across the child's neck or face	1	2	8	9
b. The lap belt go across the child's upper thighs or hips	1	2	8	9
c. The lap belt go across the child's stomach	1	2	8	9
d. The child put the shoulder belt behind (his/her) back	1	2	8	9
e. The child put the shoulder belt under (his/her) arm	1	2	8	9
f. The child's legs bend over the edge of the seat	1	2	8	9

Q58 In general, at what age do you think a child is ready to begin wearing only a seat belt rather than use some type of child car seat such as a toddler seat or booster seat?

\_\_\_\_\_ **BEGINNING AGE FOR SEAT BELT USE**  
**(RANGE 1 TO 12 OTHER=13, DON'T KNOW=98, REFUSED=99)**

**IF Q23=5 (NEVER) OR Q23a=2 OR (q24=10 and Q24a1=1 (NEVER)) OR Q25a1b=1 (NEVER) OR Q26a1=1 (NEVER) THEN CONTINUE WITH Q59, ELSE GO TO Q65**

Q59 Please answer yes or no to each of the following statements to indicate if this is a reason why the (AGE) does not ride in a child car seat .[If Q25b = 1, read "Booster Seat"] My (AGE) doesn't ride in a [child car seat/If Q25b = 1, read "Booster Seat"] because...

	Yes	No	(VOL) Don't Know	(VOL) Refused
<b>RANDOMIZE ORDER</b>				
a. HE/SHE DOESN'T HAVE ONE	1	2	8	9
b. HE/SHE IS TOO BIG	1	2	8	9
c. HE/SHE DOESN'T LIKE IT	1	2	8	9
d. HE/SHE WON'T STAY IN IT	1	2	8	9
e. HE/SHE USES A SEAT BELT	1	2	8	9
f. THERE ISN'T ENOUGH ROOM IN THE CAR	1	2	8	9
g. THE LAW DOESN'T REQUIRE IT FOR THE CHILD'S AGE AND SIZE	1	2	8	9
h. HE/SHE IS TOO OLD	1	2	8	9

Q59i. Are there any other reasons why he/she doesn't ride in a child car seat[If Q25b = 1, read "Booster Seat"] ?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF YES,** What other reasons? (Child doesn't ride in a child car seat)

\_\_\_\_\_ **IF Q59a=1, ASK Q59j, ELSE SKIP TO Q60**

Q59j Is there any particular reason why you don't have one?

- 1 Yes
- 2 No **SKIP TO Q60**
- 3 (VOL) Don't know **SKIP TO Q60**
- 4 (VOL) Refused **SKIP TO Q60**

Q59j1 What is that reason? **MULTIPLE PUNCH. DO NOT READ.**

- 1 Too old/old enough to use seat belt
- 2 Child over weight limit/weights enough not to use one
- 3 Child is too big
- 4 Child has outgrown it/outgrown it
- 5 Child uses seat belt (no mention of size, weight, etc.)
- 6 Not required by law to use one
- 7 Not necessary/don't need one
- 8 Too expensive/can't afford
- 9 Other (Specify \_\_\_\_\_)
- 98 (VOL) Don't know
- 99 (VOL) Refused

Q60 Where does the (AGE) usually sit in the vehicle when you are driving -- the front seat or the back seat?

- 1 Front seat
- 2 Back seat
- 3 About equal
- 4 (VOL) Middle seat/row
- 9 Other (SPECIFY \_\_\_\_\_)
- 98 (VOL) Not sure
- 99 (VOL) Refused

Q61 How often does he/she use a seat belt? **(READ LIST)**

- 1 All of the time
- 2 Most of the time
- 3 Some of the time
- 4 Rarely or
- 5 Never **SKIP TO Q64**
- 8 (VOL) Don't know **SKIP TO Q64**
- 9 (VOL) Refused **SKIP TO Q64**

Q62 Does the seat belt that the (AGE) usually wears go across the shoulder only, across the lap only, or across both the shoulder and lap?

- 1 Across shoulder
- 2 Across lap
- 3 Across both
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF Q62 = 1, ASK Q63a/d/e/f. IF Q62 = 2, ASK Q63b/c/f. IF Q62 >2, ASK ALL ITEMS.**

Q63 Please tell me, yes or no, if the following things usually happen when the (AGE) wears a seat belt while riding in a motor vehicle. On most trips, does.....?

	Yes	No	(VOL) Don't Know	(VOL) Refused
a. The shoulder belt go across the child's neck or face	1	2	8	9
b. The lap belt go across the child's upper thighs or hips	1	2	8	9
c. The lap belt go across the child's stomach	1	2	8	9
d. The child put the shoulder belt behind (his/her) back	1	2	8	9
e. The child put the shoulder belt under (his/her) arm	1	2	8	9
f. The child's legs bend over the edge of the seat	1	2	8	9

Q64 In general, at what age do you think a child is ready to begin wearing only a seat belt rather than use some type of child car seat such as a toddler seat or booster seat?

\_\_\_\_\_ **BEGINNING AGE FOR SEAT BELT USE**  
**(Range 0 -12; 0=less than 1 yr old; 98=DK; 99=Ref)**

**If Q25b = 1 SKIP TO Q66a**

Q65 Before today, had you ever seen or heard of a type of car seat called a booster seat?

- 1 Yes
- 2 No **SKIP TO Q68**
- 8 (VOL) Don't know **SKIP TO Q68**
- 9 (VOL) Refused **SKIP TO Q68**

Q66 Have you ever used a booster seat when driving with your/the (child/children)?

- 1 Yes
- 2 No **SKIP TO Q67**
- 8 (VOL) Don't know **SKIP TO Q67**
- 9 (VOL) Refused **SKIP TO Q67**

Q66a At what age did you begin using a booster seat for your/the (child/children) (If more than one child say "most recently")?

\_\_\_\_\_ **AGE AT FIRST USE OF BOOSTER SEAT**  
**(RANGE=0 TO 6; LESS THAN 1 YR=0; DON'T KNOW=8;**  
**REFUSED=9)**

Q66b About how much did the (child/children) weigh at the time you began using a booster seat?

\_\_\_\_\_ **WEIGHT AT FIRST USE OF BOOSTER SEAT**  
**(RANGE=1 TO 100; DON'T KNOW=998, REFUSED=999)**

Q67 Do you have any concerns about the safety of booster seats?

- |   |                  |                     |
|---|------------------|---------------------|
| 1 | Yes              |                     |
| 2 | No               | <b>SKIP TO Q67b</b> |
| 8 | (VOL) Don't know | <b>SKIP TO Q67b</b> |
| 9 | (VOL) Refused    | <b>SKIP TO Q67b</b> |

Q67a What are those concerns (about the safety of booster seats)?  
**MULTIPLE PUNCH. DO NOT READ.**

- |    |   |
|----|---|
| 1  | Seat isn't securely attached to car's seat/not stable |
| 2  | Inadequate restraint/Does not fully restrain child    |
| 3  | Seat is not secure                                    |
| 4  | Child/infant could slip/slide out                     |
| 5  | Safety concerns/Don't know how safe they are          |
| 6  | How safe they are compared to regular safety seats    |
| 7  | How safe they would be in an accident                 |
| 8  | Other (Specify _____)                                 |
| 98 | (VOL) Don't know                                      |
| 99 | (VOL) Refused   |

Q67b What would you say is the MOST IMPORTANT reason for having a child use a booster Seat? **DO NOT READ LIST**

- |    |   |                    |
|----|---|--------------------|
| 1  | To make the child safer   |                    |
| 2  | To make the seat belt fit properly                                | <b>SKIP TO Q68</b> |
| 3  | Safety/health professionals recommend it                          |                    |
| 4  | To allow the child to see out of the window better                | <b>SKIP TO Q68</b> |
| 5  | It's the law  | <b>SKIP TO Q68</b> |
| 6  | Don't want a ticket   | <b>SKIP TO Q68</b> |
| 8  | When child is too big for safety seat but too small for seat belt | <b>SKIP TO Q68</b> |
| 9  | Better than just the seat belt                                    | <b>SKIP TO Q68</b> |
| 10 | Keeps child still   | <b>SKIP TO Q68</b> |
| 7  | Other (SPECIFY: _____)  | <b>SKIP TO Q68</b> |
| 98 | (VOL) Don't know  | <b>SKIP TO Q68</b> |
| 99 | (VOL) Refused   | <b>SKIP TO Q68</b> |

Q67c What does the booster seat do that makes the child safer?

**MULTIPLE RECORD. DO NOT READ.**

- 1 Makes the seat belt fit properly
- 2 Boosts the child up
- 3 Holds the child in place
- 4 Keeps the child from flying out of the vehicle
- 5 Other (SPECIFY: \_\_\_\_\_)
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF Q23=5 or 6 OR Q23a GE 2 OR (Q24=10 or 11 and q24a1=1) or q25A1b=1 or q26a1=1, SKIP TO Q69**

Q68 When your (AGE) outgrows his/her current child car seat, do you expect him/her to use a different type of car seat, a booster seat or a seat belt only?

- 1 Different type of car seat
- 2 Booster seat only
- 3 Seat belts
- 8 Other (SPECIFY \_\_\_\_\_)
- 9 (VOL) Nothing
- 98 (VOL) Don't know
- 99 (VOL) Refused

Q69 How do you personally feel about the police enforcement of child car seat laws? On a scale of 1 to 10, where 1 means police should hardly ever give tickets and 10 means police should give a ticket at every opportunity for violations of child car seat laws, how strict should police enforcement be?

- 1 Police hardly ever give a ticket for violations
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10 Police give a ticket at every opportunity
- 98 (VOL) Don't know
- 99 (VOL) Refused

Q70 What do you think the fine should be for violation of child car seat laws?

- \$ \_\_\_\_\_ (Range=1-1000; 1001 = 1001+)
- 0 No fine/warning
- 9988 (VOL) Not sure
- 9999 (VOL) Refused

Q71 What about when children outgrow a child car seat, including booster seats? Do you agree or disagree that they should be required by law to wear seat belts when riding in a vehicle?

- |   |                  |                     |
|---|------------------|---------------------|
| 1 | Agree            |                     |
| 2 | Depends on age   |                     |
| 3 | Disagree         | <b>SKIP TO Q72a</b> |
| 8 | (VOL) Don't know | <b>SKIP TO Q72a</b> |
| 9 | (VOL) Refused    | <b>SKIP TO Q72a</b> |

Q72 How old do you think children should be before they are not required by law to wear seat belts or do you think all children should be required to wear them?

\_\_\_\_\_ AGE RANGE=0-21  
**0=SHOULD NOT BE REQUIRED AT ANY AGE**  
**21=SHOULD BE REQUIRED AT ANY AGE**  
**(VOL) DON'T KNOW=98; (VOL) REFUSED=99**

Q72a Now I would like to ask you a few questions about teaching teenagers to drive. In your opinion, what is the youngest age at which teenagers should be allowed to get a learner's permit to drive?

- \_\_\_\_\_ AGE (Range: 13-18;19 = 19+)
- |    |                  |
|----|------------------|
| 98 | (VOL) Don't know |
| 99 | (VOL) Refused    |

Q72b If they are taking a driver's education course, how important is it that teenagers **also have** a parent or guardian help teach them to drive in addition to the course instruction? Would you say it is very important, somewhat important, or not that important?

- |   |                    |
|---|--------------------|
| 1 | Very important     |
| 2 | Somewhat important |
| 3 | Not that important |
| 8 | (VOL) Don't know   |
| 9 | (VOL) Refused      |

Q72c How many hours would you recommend that a parent or guardian spend teaching their teenager how to drive? Would you recommend that a parent or guardian spend more than 50 hours, between 25 and 50 hours, less than 25 hours, or no hours teaching their teenager how to drive?

- |   |                         |
|---|-------------------------|
| 1 | More than 50 hours      |
| 2 | Between 25 and 50 hours |
| 3 | Less than 25 hours      |
| 4 | No hours                |
| 8 | (VOL) Don't know        |
| 9 | (VOL) Refused           |



**ASK IF Q1 NE 10 or 11, OTHERWISE SKIP TO Q72e**

Q72d When **you** were learning how to drive, how many hours did your parents spend helping to teach you to drive. Would you say they spent more than 50 hours, between 25 and 50 hours, less than 25 hours, or no hours helping teach you to drive?

- 1 More than 50 hours
- 2 Between 25 and 50 hours
- 3 Less than 25 hours
- 4 No hours
- 5 (VOL) An adult other than my parents taught me
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q72e In most states, teenagers must drive with a learner's permit for a required amount of time, usually 6 months. After that, some states allow teenagers to get the same driver's license adults get. Other states require them to get a provisional license, which has special rules that drivers must follow, such as no driving at night.

Which do you think is best **after the learner's permit**.....? (READ LIST)

- 1 That teenagers get the same driver's license as adults, or **SKIP TO Q73**
- 2 That teenagers get a provisional license that has special rules
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q72f Please tell me if you agree, disagree, or have no opinion on whether a provisional license for teenagers should include the following special rules. [ROTATE ITEMS]

	Agree	Disagree	No Opinion
a. The teenager can Not drive unsupervised after 9:00 pm	1	2	3
b. The teenager has a restriction on the number of teenage passengers when he/she is driving	1	2	3
c. The teenager can NOT use a cell phone while driving	1	2	3
d. The teenager must drive at least one year without any violations on his or her driving record before getting a regular adult license	1	2	3
e. The teenager must wear a seat belt at all times while driving	1	2	3

Now, I'd like to ask you a few questions about airbags.

**IF Q1=10 (NEVER) or 11 (Year+) OR Q2 = 3 (MOTORCYCLE) SKIP TO Q76A, ELSE ASK Q73**

Q73 Does the (car/truck/van) you normally drive have an airbag?

- 1 Yes
- 2 No **SKIP TO Q76a**
- 8 (VOL) Don't know **SKIP TO Q76a**
- 9 (VOL) Refused **SKIP TO Q76a**

Q74 Does your (car/truck/van) have an airbag in front of the driver?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q75 Does your (car/truck/van) have an air bag in front of where a passenger would sit in the front seat?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q75a Is there an air bag anywhere else in your (car/truck/van)? Where? Anywhere else? **[IF SAY SIDE AIR BAG, ASK IF FRONT OR BACK OR BOTH] MULTIPLE RESPONSE. DO NOT READ LIST**

- 1 In the car doors next to front seat
- 2 In the car doors next to the rear seat
- 3 Descending curtain from above front seat door
- 4 Descending curtain from above rear seat doors
- 5 In the front seat itself
- 6 In the rear seat itself
- 8 (HOLD) Yes, but I don't know where
- 10 Other (SPECIFY)
- 20 No
- 98 (VOL) Don't know
- 99 (VOL) Refused

Q76a Based on what you know or have heard, how likely is it that an adult sitting in the front seat **AND WEARING A SEATBELT** would be injured by an air bag when it opens normally? Are they... **(READ)?**

- 1 Very likely to be injured
- 2 Somewhat likely to be injured
- 3 Somewhat unlikely to be injured, or
- 4 Very unlikely to be injured

- 8 (VOL) Don't know
- 9 (VOL) Refused

Q76b Based on what you know or have heard, how likely is it that an adult sitting in the front seat and **NOT** wearing a seatbelt would be injured by an air bag when it opens normally? Are they ... **(READ)**?

- 1 Very likely to be injured
- 2 Somewhat likely to be injured
- 3 Somewhat unlikely to be injured, or
- 4 Very unlikely to be injured
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q77 How likely is it that a small child sitting in the front seat would be injured by an air bag when it opens normally? Are they... **(READ LIST)**?

- 1 Very likely to be injured
- 2 Somewhat likely to be injured
- 3 Somewhat unlikely to be injured, or
- 4 Very unlikely to be injured
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q78 Have you heard or seen any safety warnings about air bags?

- 1 Yes
- 2 No **SKIP TO Q91**
- 8 (VOL) Don't know **SKIP TO Q91**
- 9 (VOL) Refused **SKIP TO Q91**

Q79 What safety warnings about air bags have you heard or seen? Anything else?  
**DO NOT READ LIST. MULTIPLE RECORD**

- 1 Air bags can kill children/smaller adults
- 2 Back seat is safest for children
- 3 Never put rear facing child seat in front
- 4 Sit as far back from air bag as possible
- 5 Airbags can injure you
- 6 Gave weight/height/age restrictions/warnings
- 7 Always wear your seatbelt when around an airbag
- 9 Airbags can burn/chemicals can cause harm
- 13 Turn off airbags if children/smaller adults in front seat
- 14 Force/impact/speed of airbag
- 15 Airbags accidentally going off
- 10 Other (Specify \_\_\_\_\_)
- 98 (VOL) Don't know

99 (VOL) Refused

**IF Q1=10 (NEVER) or 11 (Year+), Q2=3 (MOTORCYCLE) or Q73 NE 1 (NOT HAVE AIR BAG) SKIP TO Q91**

Q80 Are there any warning labels about air bags in the (car/truck/van) you normally drive?

- 1 Yes
- 2 No **SKIP TO Q91**
- 8 (VOL) Not sure **SKIP TO Q91**
- 9 (VOL) Refused **SKIP TO Q91**

Q81 Where in the (car/van/truck) are the warning labels? **DO NOT READ. MULT. RECORD.**

- 1 Sun visor
- 2 Dashboard
- 3 Owner's manual
- 4 Glove compartment
- 5 Inside door/door panel
- 6 Steering wheel
- 8 Other (SPECIFY \_\_\_\_\_)
- 98 (VOL) Not sure
- 99 (VOL) Refused

**NO Questions 82 - 90**

Q91 Now I'd like to ask you some questions about a subject you may not know much about. Can you tell me what the initials "EMS" stand for?

- 1 Yes, Emergency Medical Services/Systems
- 2 Yes, wrong answer
- 3 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

**IF Q91=2 (YES, WRONG ANSWER), ASK Q91b:**

Q91b Record other response to what "EMS" stands for.

---

**IF Q91>1 THEN READ THIS STATEMENT, ELSE GO TO Q92A1**

Lots of people don't know it, but EMS stands for Emergency Medical Services. EMS includes all of the people in your community who respond to medical emergencies, such as ambulances, rescue squads and hospital emergency services.

Q92a1 In your opinion, are emergency medical services more important, equally important, or less important to your community than the services provided by the police department?

- 1 More important
- 2 Equally important
- 3 Less important
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q92a2 In your opinion, are emergency medical services more important, equally important, or less important to your community than the services provided by the fire department?

- 1 More important
- 2 Equally important
- 3 Less important
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q93 If there was a medical emergency in your neighborhood and you called an ambulance, how long do you think it would take for the ambulance to arrive? **(ENTER IN MINUTES)**

\_\_\_\_\_ **MINUTES RANGE=1-60**  
**(MORE THAN AN HOUR=61; (VOL) DON'T KNOW=62; (VOL) REFUSED=63)**

Q94 Regardless of the type of medical emergency, how confident are you that the ambulance or other emergency workers would know what to do? **(READ LIST)**

- 1 VERY CONFIDENT
- 2 SOMEWHAT CONFIDENT OR
- 3 NOT CONFIDENT
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q95 Have you, personally, ever called 911 or another emergency number for help?

- 1 Yes
- 2 No **SKIP TO Q96a2**
- 8 (VOL) Don't know **SKIP TO Q96a2**
- 9 (VOL) Refused **SKIP TO Q96a2**

Q95a How long ago did that occur (the last time)?

- 1 Today
- 2 Within past week
- 3 Within past month
- 4 Within past 12 months

- 5 A year or more ago
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q95b Did you call for police, fire, an ambulance or something else? **MULTIPLE RECORD**

- 1 Police
- 2 Fire
- 3 Ambulance
- 4 Rescue squad
- 5 EMS
- 6 Poison control
- 9 Other (SPECIFY \_\_\_\_\_)
- 10 (VOL) Whoever 911 thought was appropriate
- 98 (VOL) Not sure
- 99 (VOL) Refused

Q96a1 Did you call from a phone that was attached to the wall or to an outlet? Or did you call from a wireless phone, such as a cell phone?

- 1 Attached
- 2 Wireless
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q96a2 If you used a cell phone to call 911 about an emergency in your community, can the 911 Call Center identify your PHONE NUMBER without you telling them?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q96a3 If you used a cell phone to call 911 about an emergency in your community, can the 911 Call Center identify your LOCATION without you telling them?

- 1 Yes
- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q96b Communities pay for 911 call services through fees or taxes collected from the public. Would you be willing, or unwilling, to pay more than you currently pay for 911 call services to locate callers faster?

- 1 Willing to pay more
- 2 Unwilling to pay more **SKIP TO Q96d**
- 8 (VOL) Don't know **SKIP TO Q96d**
- 9 (VOL) Refused **SKIP TO Q96d**

Q96c How much more would you be willing to pay per year for 911 call services? Would you be willing to pay less than \$5 more, \$5-\$10 more, \$10-\$20 more or over \$20 more per year?

- 1 Less than \$5 more
- 2 \$5 - \$10 more
- 3 \$10 - \$20 more
- 4 Over \$20 more
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q96d Communities use other fees and taxes collected from the public to pay for their EMS systems, which include ambulances, rescue squads, and hospital emergency services. Would you be willing or unwilling to pay more than you currently pay for your community's EMS system to improve EMS equipment and training?

- 1 Willing to pay more
- 2 Unwilling to pay more **SKIP TO Q97A**
- 8 (VOL) Don't know **SKIP TO Q97A**
- 9 (VOL) Refused **SKIP TO Q97A**

Q96e How much more would you be willing to pay per year for your community's EMS system? Would you be willing to pay less than \$5 more, \$5-\$10 more, \$10-\$20 more or over \$20 more per year?

- 1 Less than \$5 more
- 2 \$5 - \$10 more
- 3 \$10 - \$20 more
- 4 Over \$20 more
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q97A Assuming it was reasonably priced and in a convenient location, how interested would you be in taking training to become an emergency medical services provider? **(READ LIST)**

- 1 Very interested
- 2 Somewhat interested
- 3 Not interested
- 4 (VOL) Already have EMS training
- 5 (VOL) Depends
- 8 (VOL) Don't know
- 9 (VOL) Refused

**If Q1=10 or 11 SKIP TO Q110**

Q104 When you drive a motor vehicle, do you usually have a wireless phone of some type in the vehicle with you? This could be a car phone, a cellular phone, a PCS phone, a GSM phone or a satellite phone.

- |   |                  |                     |
|---|------------------|---------------------|
| 1 | Yes              |                     |
| 2 | No               | <b>SKIP TO Q107</b> |
| 8 | (VOL) Don't Know | <b>SKIP TO Q107</b> |
| 9 | (VOL) Refused    | <b>SKIP TO Q107</b> |

Q105 When you drive, how often would you say you keep the phone turned on so that you can receive calls? Would you say that you keep the phone turned on during.....?

- |   |                                |                     |
|---|--------------------------------|---------------------|
| 1 | All trips                      |                     |
| 2 | Most trips                     |                     |
| 3 | About half your trips          |                     |
| 4 | Fewer than half your trips, or |                     |
| 5 | Never                          | <b>SKIP TO Q106</b> |
| 8 | (VOL) Don't Know               |                     |
| 9 | (VOL) Refused                  |                     |

Q105a When you get a call on the phone while you are driving, how often do you answer the call? Would you say you always, usually, seldom, or never answer a call while driving?

- |   |                  |
|---|------------------|
| 1 | Always           |
| 2 | Usually          |
| 3 | Seldom           |
| 4 | Never            |
| 8 | (VOL) Don't Know |
| 9 | (VOL) Refused    |

Q106 How often do you talk on the phone while you are driving? Would you say you talk on the phone while driving during .....?

- |   |                                |                     |
|---|--------------------------------|---------------------|
| 1 | All trips                      |                     |
| 2 | Most trips                     |                     |
| 3 | About half your trips          |                     |
| 4 | Fewer than half your trips, or |                     |
| 5 | Never                          | <b>SKIP TO Q107</b> |
| 8 | (VOL) Don't Know               |                     |
| 9 | (VOL) Refused                  |                     |

Q106a When you are talking on the phone while driving, do you tend to hold the phone with your hand or do you tend to use the phone hands free?

- |   |                  |                      |
|---|------------------|----------------------|
| 1 | Hold phone       | <b>SKIP TO Q106e</b> |
| 2 | Use hands free   |                      |
| 8 | (VOL) Don't Know | <b>SKIP TO Q106e</b> |



9 (VOL) Refused **SKIP TO Q106e**

Q106b Do you always use the phone hands free when you are talking on the phone while driving, or do you sometimes hold the phone by hand when driving and talking on the phone?

- 1 Always use hands free
- 2 Sometimes hold phone
- 8 (VOL) Don't Know
- 9 (VOL) Refused

Q106c When you are talking on the phone while driving, do you usually use an earpiece or headset to talk, do you usually use a speakerphone to talk, or do you usually use something else to talk?

- 1 Earpiece/headset
- 2 Speakerphone **SKIP TO Q106e**
- 6 Just the phone **SKIP TO Q106e**
- 3 Something else (SPECIFY) **SKIP TO Q106e**
- 8 (VOL) Don't Know **SKIP TO Q106e**
- 9 (VOL) Refused **SKIP TO Q106e**

Q106d When do you usually put the (earpiece/headset) on? Do you usually put the (earpiece/headset) on before you start driving, do you put it on while you are driving, or do you usually put it on while temporarily stopped?

- 1 Before start driving
- 2 While driving
- 3 When temporarily stopped
- 8 (VOL) Don't Know
- 9 (VOL) Refused

Q106e When you are driving and want to dial the phone, do you tend to dial the phone WHILE you are driving, do you tend to dial the phone while you are TEMPORARILY STOPPED, or do you tend to PULL OVER AND STOP the motor vehicle before dialing?

- 1 While driving
- 2 When temporarily stopped
- 3 Pull over and stop
- 4 (VOL) Never dial
- 8 (VOL) Don't Know
- 9 (VOL) Refused

Q107 Does your state have a law that makes it illegal to talk on a handheld cell phone while driving?

- 1 Yes
- 2 No
- 8 (VOL) Don't Know
- 9 (VOL) Refused

Q108 Have you ever used a car phone or cellular phone or other type of wireless phone to report an emergency while you were driving or riding in a motor vehicle?

- |   |                  |                    |
|---|------------------|--------------------|
| 1 | Yes              |                    |
| 2 | No               | <b>SKIP TO Q99</b> |
| 8 | (VOL) Don't Know | <b>SKIP TO Q99</b> |
| 9 | (VOL) Refused    | <b>SKIP TO Q99</b> |

Q109 What kind of emergency did you call about? **MULTIPLE PUNCH. DO NOT READ.**

- |    |   |
|----|---|
| 1  | Car stranded on road/breakdown/disabled vehicle |
| 2  | Drunk driver                                    |
| 3  | Car accident/collision/wreck/crash              |
| 5  | Reckless/aggressive driver                      |
| 6  | Debris on the road                              |
| 7  | Animal hit/struck                               |
| 8  | Fire  |
| 10 | Medical emergency                               |
| 11 | Criminal behavior                               |
| 12 | Vehicle fire                                    |
| 13 | Other (Specify _____)                           |
| 98 | (VOL) Don't Know                                |
| 99 | (VOL) Refused                                   |

Q99 Suppose that you are driving, you see an accident happen and no one is there at the scene to help. What concerns might you have about stopping to help? Anything else? **DO NOT READ LIST. MULTIPLE RECORD.**

- |    |   |
|----|---|
| 1  | No concerns   |
| 2  | Lawsuits/liability                                    |
| 3  | Not knowing what to do/how to help                    |
| 4  | Trick to get you to stop                              |
| 5  | Causing further injury to victim                      |
| 6  | Personal safety                                       |
| 7  | Safety of my children/passengers                      |
| 8  | How injured the victim might be/seriousness of injury |
| 14 | Don't want to see dead/mangled bodies                 |
| 15 | Not physically able to help/too old to help           |
| 13 | Other (SPECIFY _____)                                 |
| 98 | (VOL) Don't know                                      |
| 99 | (VOL) Refused   |

Q110 Have YOU ever been injured in a motor vehicle accident? Only count injuries that required medical attention.

- |   |     |                     |
|---|-----|---------------------|
| 1 | Yes | <b>SKIP TO Q111</b> |
|---|-----|---------------------|

- 2 No
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q110a Have YOU ever been injured in a motor vehicle accident when you were a passenger, or have you ever been hit and injured by a motor vehicle when you were walking or riding a bike? Only count injuries that required medical attention.

- 1 Yes
- 2 No **SKIP TO Q128**
- 8 (VOL) Don't know **SKIP TO Q128**
- 9 (VOL) Refused **SKIP TO Q128**

Q111 How many times has this happened to you? (RANGE = 1-50; 51 = 51+)

\_\_\_\_\_ ((VOL) DON'T KNOW=98; (VOL) REFUSED=99)

Q112 How long ago did (that/your most recent) accident occur?  
**(ONLY ACCIDENTS WHERE THEY REQUIRED MEDICAL ATTENTION)**

\_\_\_\_\_ NUMBER OF YEARS AGO  
 (WITHIN THE PAST 12 MONTHS=0; (VOL) NOT SURE=98; (VOL) REFUSED=99)

Q113 Were you a driver or a passenger in that accident?

- 1 Driver
- 2 Passenger
- 3 (VOL) Pedestrian
- 4 (VOL) Bicyclist
- 5 (VOL) Motorcyclist
- 10 Other (SPECIFY \_\_\_\_\_ )
- 98 (VOL) Don't know
- 99 (VOL) Refused

**IF Q113 = 3 OR 4, SKIP TO Q115**

Q114 Were you wearing your seat belt at the time of the accident?

- 1 Yes
- 2 No
- 3 (VOL) Motorcycle driver or rider
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q115 At which of the following were you treated for your injuries?  
 Were you treated at ...**(READ LIST AND MULTIPLE RECORD)?**

Yes	No	(VOL) Not Sure	(VOL) Refused
-----	----	-------------------	------------------

a. hospital emergency room	1	2	8	9
b. A doctor's office	1	2	8	9
c. A clinic	1	2	8	9
d. The accident scene	1	2	8	9
e. SOMEWHERE ELSE (SPECIFY) _____	1	2	8	9

Q116 Were you transported from the accident scene by ambulance or helicopter?

- 1 Yes, ambulance (or rescue vehicle)
- 2 Yes, helicopter
- 3 No, neither
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q117 Were you hospitalized?

- 1 Yes
- 2 No **SKIP TO Q118**
- 8 (VOL) Don't know **SKIP TO Q118**
- 9 (VOL) Refused **SKIP TO Q118**

Q117a How long were you hospitalized?

- 1 Gave answer in days
- 2 Gave answer in hours
- 8 (VOL) Don't know
- 9 (VOL) Refused

Q117a1 \_\_\_\_\_ DAYS (0-365)

Q117a2 \_\_\_\_\_ HOURS (1-23)

Q118 Did you receive any continuing or follow-up treatment for your injuries?

- 1 Yes
- 2 No **SKIP TO Q119**
- 8 (VOL) Don't know **SKIP TO Q119**
- 9 (VOL) Refused **SKIP TO Q119**

Q118a Where did you receive this follow-up treatment? **(READ LIST)** Was it at.....?

	Yes	No	(VOL) Don't Know	(VOL) Refused
a. A doctor's office	1	2	8	9
b. A physical therapist's office	1	2	8	9
c. A clinic	1	2	8	9
d. A hospital	1	2	8	9
e. A Chiropractor	1	2	8	9
f. SOMEWHERE ELSE (Specify)	1	2	8	9

Q119 Did your injuries from that accident prevent you from performing any of your normal activities (work, school, household) for at least a week?

- 1 Yes
- 2 No **SKIP TO Q120**
- 8 (VOL) Don't know **SKIP TO Q120**
- 9 (VOL) Refused **SKIP TO Q120**

Q119a Were there any activities that you were unable to resume because of your injuries even a year after the accident?

- 1 Yes
- 2 No
- 3 Happened less than 1 year ago
- 8 (VOL) Not sure
- 9 (VOL) Refused

**IF (YES IN Q119 AND YES IN Q119a) OR Q111=1, SKIP TO Q128**  
**IF YES IN Q 119 AND Q119a NE YES AND Q111 NE 1, SKIP TO Q120b**

Q120 Have you ever received injuries from a vehicle accident that prevented you from performing any of your normal activities (work, school, household) for at least a week?

- 1 Yes
- 2 No **SKIP TO Q128**
- 8 (VOL) Don't know **SKIP TO Q128**
- 9 (VOL) Refused **SKIP TO Q128**

Q120a Were there any activities that you were unable to resume because of your injuries even a year after the accident?

- 1 Yes **SKIP TO Q128**
- 2 No **SKIP TO Q128**
- 3 Happened less than 1 year ago **SKIP TO Q128**
- 8 (VOL) Not sure **SKIP TO Q128**
- 9 (VOL) Refused **SKIP TO Q128**

Q120b Have you ever received injuries from a vehicle accident that prevented you from performing any of your normal activities (work, school, household) a year after the accident?

- 1 Yes
- 2 No
- 8 (VOL) Not sure
- 9 (VOL) Refused

Now I would like to ask you just a few more questions about yourself and then we will be done.

Q128 What is your age?

\_\_\_\_\_ AGE (RANGE=16-97; (VOL) REFUSED=99)

Q130 Do you consider yourself to be Hispanic or Latino?

- 1 Yes
- 2 No
- 8 (VOL) Not sure
- 9 (VOL) Refused

Q131 Which of the following racial categories describes you? You may select more than one.

**READ LIST AND MULTIPLE RECORD**

- 1 American Indian or Alaskan Native
- 2 Asian
- 3 Black or African-American
- 4 Native Hawaiian or Other Pacific Islander
- 5 White
- 6 (VOL) Hispanic/Latino
- 11 (VOL) Other (SPECIFY) \_\_\_\_\_
- 99 (VOL) Refused

**CONSISTENCY CHECK, IF Q131=6 AND Q130=2, GO TO 130B; else go to 131b**

Q130b You just described yourself as Hispanic or Latino. Do you consider yourself to be Hispanic or Latino?

- 1 Yes
- 2 No
- 8 (VOL) Don't Know
- 9 (VOL) Refused

**[IF SPANISH VERSION AUTO PUNCH 1 AT Q131b, AUTO PUNCH 1 AT Q131c; SKIP TO Q133]**

Q131b Do you speak a language other than English at home?  
**[ENGLISH VERSION ONLY else SKIP TO Q133]**

- |   |                  |                    |
|---|------------------|--------------------|
| 1 | Yes              |                    |
| 2 | No               | <b>SKIP TO 133</b> |
| 8 | (VOL) Don't Know | <b>SKIP TO 133</b> |
| 9 | (VOL) Refused    | <b>SKIP TO 133</b> |

Q131c What is this language? **(DO NOT READ, MULTIPLE RESPONSE)**

- |    |                      |
|----|----------------------|
| 1  | Spanish              |
| 2  | Chinese              |
| 3  | French               |
| 4  | German               |
| 5  | Tagalog              |
| 6  | Vietnamese           |
| 7  | Italian              |
| 8  | Korean               |
| 9  | Russian              |
| 10 | Polish               |
| 11 | Arabic               |
| 12 | Portuguese           |
| 13 | Japanese             |
| 14 | French Creole        |
| 15 | Greek                |
| 16 | Hindi                |
| 17 | Persian              |
| 18 | Urdu                 |
| 19 | Gujarathi            |
| 20 | Armenian             |
| 21 | Other (Specify_____) |
| 99 | (VOL) Refused        |

Q132 **DELETED**

Q133 What is the highest grade or year of school you completed?

- |    |                            |
|----|----------------------------|
| 8  | 8th grade or less          |
| 9  | 9th grade                  |
| 10 | 10th grade                 |
| 11 | 11th grade                 |
| 12 | 12th grade/GED             |
| 13 | Some college               |
| 14 | College graduate or higher |
| 99 | (VOL) Refused              |

Q134 Which of the following categories best describes your total household income before taxes in 2006?  
 (Includes the income of all persons in the household.) Was your total household income ...

**[READ LIST]**

- 1 Less than \$5,000
- 2 \$5,000 to \$14,999
- 3 \$15,000 to \$29,999
- 4 \$30,000 to \$49,999
- 5 \$50,000 to \$74,999
- 6 \$75,000 to \$99,999
- 7 \$100,000 or more
- 8 (VOL) Not sure
- 9 (VOL)Refused

**Q135 DELETED**

Q136 Not including cell phones, beepers and pagers, do you have more than one telephone number in your household at which you normally can receive in-coming phone calls?

- 1 Yes
- 2 No **SKIP TO Q136b**
- 9 (VOL) Refused **SKIP TO Q136b**

Q136a How many different telephone numbers do you have at this residence at which you can normally receive incoming phone calls?

\_\_\_\_\_ (10 OR MORE=10; DON'T KNOW=98; REFUSED=99)

Q136b Did you visit the D.O.T. website to find out more information about the survey? (at [www.nhtsa.dot.gov](http://www.nhtsa.dot.gov))

- 1 Yes
- 2 No
- 8 (VOL) Don't Know
- 9 (VOL) Refused

**Q138 FROM OBSERVATION, ENTER SEX OF RESPONDENT**

- 1 Male
- 2 Female

Q139 INTERVIEW WAS CONDUCTED IN:

- 1 ENGLISH
- 2 SPANISH

**That completes the survey. Thank you very much for your time and cooperation.**



# **APPENDIX B1:**

**SPANISH LANGUAGE**

**QUESTIONNAIRE**

**VERSION 1**

SCHULMAN, RONCA AND BUCUVALAS, INC.  
3629AS  
275 Seventh Avenue; Suite 2700  
NEW YORK, NEW YORK 10001

STUDY NUMBER  
January 8, 2007  
OMB No. 2127-0645  
Expiration Date:  
6/30/2009

**SURVEY ON OCCUPANT PROTECTION: 2006  
FINAL VERSION 1 SPANISH**

SAMPLE READ-IN

Sample Type:

- Cross-section 1
- Oversample 2

State: \_\_\_\_\_ County: \_\_\_\_\_ Metro Status: \_\_\_\_\_

Date: \_\_\_\_\_ CATI ID: \_\_\_\_\_

Interviewer: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Time Start: \_\_\_\_\_ Time End: \_\_\_\_\_ TOTAL TIME: \_\_\_\_\_

Hola, me llamo (NAME) y llamo en nombre del Departamento de Transporte de los Estados Unidos. Estamos llevando a cabo un estudio nacional sobre los hábitos de conducción de los americanos y sobre sus actitudes ante las leyes de circulación actuales. (Si usted desea saber más acerca de la encuesta, puede llamar a nuestra línea gratuita 1-888-772-4269 o visitar el sitio web de DOT: www.nhsta.dot.gov.)

A1 ¿Cuántas personas de 16 años de edad o mayores viven en este grupo familiar?

\_\_\_\_\_

A2 ¿Cuántas de estas personas adultas son (mujeres/hombres)?

- a \_\_\_\_\_ mujeres (VOL) (VOL) Ninguna = 00
- b \_\_\_\_\_ hombres (VOL) (VOL) Ninguna = 00

[Si son hombres y mujeres, seleccione hombres 60%/mujeres 40%.]

A3 IF A1 = 1 read "¿Puedo hablar con él o ella, por favor?"

If A1 >1 read "Con el fin de seleccionar sólo a una persona para la entrevista, ¿puedo hablar con la (GENDER, If Refused in A2, read-in: "persona") de su grupo familiar, de 16 de edad o mayor, cuyo cumpleaños (fue el más reciente/será el próximo)?"

- 1 Quien responde es la persona
- 2 Otra persona se pone al teléfono
- 3 Quien responde no está disponible
- 4 (VOL) Rachaza

B1 ¿Cuántas personas, de 16 a 39 años de edad, viven en este grupo familiar? \_\_\_\_\_

B2 ¿Cuántas de estas personas adultas entre 16 y 39 años de edad son (mujeres/hombres)?

- a. \_\_\_\_\_ mujeres (VOL) (VOL) Ninguna.....00  
 b. \_\_\_\_\_ hombres (VOL) (VOL) Ninguna.....00

[Si son hombres y mujeres, seleccione hombres 60%/mujeres 40%.]

B3. IF B1 = 1 read "¿Puedo hablar con él o ella, por favor?"

If B1 >1 read "Con el fin de seleccionar sólo a una persona para la entrevista, ¿puedo hablar con la (GENDER, If Refused in A2, read-in: "persona") de su grupo familiar, entre 16 y 39 años de edad, cuyo cumpleaños (fue el más reciente/será el próximo)?

- 1 Quien responde es la persona  
 2 Otra persona se pone al teléfono  
 3 Quien responde no está disponible  
 4 (VOL) Rachaza

QD Hola, me llamo (INAME) y llamo en nombre del Departamento de Transporte de los Estados Unidos. Estamos llevando a cabo un estudio nacional sobre los hábitos de conducción de los americanos y sobre sus actitudes ante las leyes de circulación actuales. La encuesta es completamente confidencial. (Si usted desea saber más acerca de la encuesta, puede llamar a nuestra línea gratuita 1-888-772-4269 o visitar el sitio web de DOT: [www.nhsta.dot.gov](http://www.nhsta.dot.gov).)

D1 La entrevista es voluntaria y la información que usted nos proporcione será utilizada solamente con propósitos estadísticos. No recopilaremos información personal que permita identificarlo/a a usted. Si hay alguna pregunta que usted no quiere responder, no hay problema. La entrevista dura aproximadamente 15 ó 20 minutos. (Este estudio ha sido revisado y aprobado por la Oficina de Administración y Presupuesto bajo número de control OMB 2127-0645.) ¿Podemos comenzar ahora?

- 1 **CONTINUAR ENTREVISTA**  
 2 Arreglar devolución de llamada  
 3 Quiere pensarlo/no está seguro  
 4 No responde

D2 Si usted lo prefiere, puede llamar a nuestra línea gratuita para hacer la entrevista o puede ir al sitio web de National Highway Traffic Safety Administration para saber más acerca de la encuesta. ¿Le gustaría el número telefónico gratuito o la dirección del sitio web?

- 1 Solicitó la línea gratuita  
 2 Solicitó dirección de sitio web  
 3 Solicitó ambos  
 4 Ninguno

D3 ¿Me diría usted por favor por qué no quiere hacer la entrevista?

---

Esas son todas las preguntas que tengo para hoy. Gracias por su tiempo.

Q111 POR OBSERVACIÓN, ANOTE EL SEXO DE QUIEN RESPONDE

- 1 Hombre
- 2 Mujer

Q1 ¿Con qué frecuencia conduce un vehículo a motor? ¿Casi todos los días, varios días a la semana, varios días al mes, varios días al año o nunca?

- 1 Casi todos los días/todos los días
- 2 Varios días a la semana
- 3 Varios días al mes
- 4 Varios días al año
- 10 Nunca
- 5 Otra (ESPECIFICAR)
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q1a ¿Con qué frecuencia conduce usted un vehículo automotor de noche, después de las 9:00 p.m.? ¿Conduce usted de noche casi todos los días, unos cuantos días a la semana, unos cuantos días al mes, unos cuantos días al año o nunca conduce después de las 9:00 de la noche?

- 1 Casi todos los días
- 2 Unos cuantos días a la semana
- 3 Unos cuantos días al mes
- 4 Unos cuantos días al año, o usted
- 10 Nunca conduce después de las 9:00 de la noche
- 11 Hace más de un año
- 12 Otro ESPECIFICAR) \_\_\_\_\_
- 98 (VOL) No sabe
- 99 (VOL) No responde

Q2 Sin incluir el ir y volver del trabajo, ¿conduce usted algún vehículo como parte del trabajo o negocio?

- 1 Sí
- 2 No
- 3 No trabaja
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q3 ¿Con qué frecuencia conduce usted un vehículo como parte de su trabajo o negocio? ¿Casi todos los días, varios días a la semana, varios días al mes, varios días al año?

- 1 Casi todos los días/todos los días
- 2 Varios días a la semana
- 3 Varios días al mes
- 4 Varios días al año
- 10 (VOL) Nunca/Hace más de un año
- 12 Otra (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechaza

Q4 ¿Tiene su empresa o negocio alguna política que obligue a llevar el cinturón mientras está trabajando?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q4a ¿Se trata de una política escrita?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q5 Ahora quiero pensar en toda la conducción que hace (sea o no parte de su trabajo). ¿El vehículo que conduce con más frecuencia es un coche, una furgoneta o "minivan", una moto, un vehículo utilitario deportivo, camioneta descapotable u otro tipo de camión? (NOTA: SI QUIEN RESPONDE CONDUCE MÁS DE UN VEHÍCULO CON FRECUENCIA, PREGUNTAR:) "¿Cuál ha sido el ÚLTIMO vehículo que ha conducido?"

- 1 Coche (station wagon)
- 2 Furgoneta o minivan
- 3 Motocicleta
- 4 Camioneta descapotable (pick up truck)
- 5 Vehículo utilitario deportivo (Jeep/Explorer/Trooper/etc)
- 10 Otra (ESPECIFICAR)
- 1 Otro camión (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q6 Para la próxima serie de preguntas, por favor responda solamente para el/la .... que dice que conduce habitualmente. ¿Los cinturones de seguridad delanteros del/de la ..... van por el hombro solamente, por el regazo solamente, tanto por el hombro como por el regazo?  
PARA QUIEN HACE LA ENCUESTA: LAS PREGUNTAS SOBRE EL CINTURÓN DE SEGURIDAD SE REFIEREN A LOS CINTURONES DEL LADO DEL CONDUCTOR.

- 1 Por el hombro
- 2 Por el regazo
- 3 Por ambos
- 4 El vehículo no tiene cinturones
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q7 ¿Son los cinturones del hombro y del regazo de una pieza o son dos cinturones separados?

- 1 Una pieza
- 2 Dos cinturones separados
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q8 ¿Son los cinturones del hombro y del regazo automáticos, sólo el del hombro es automático o ninguno de los dos es automático?

- 1 Ambos son automáticos
- 2 Sólo el del hombro es automático
- 3 Ninguno es automático
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q9 ¿Es el cinturón del hombro automático o se lo tiene que poner usted?

- 1 Automático
- 2 Manual
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q10 Cuando conduce, ¿lleva siempre el cinturón, o está alguna vez desconectado, desactivado o puesto detrás de usted?

- 1 Siempre lo llevo
- 2 Desconectado
- 3 Desactivado
- 4 Detrás de mí
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q11 Los cinturones de seguridad del hombro suelen estar fijados a la puerta o al chasis por la parte del hombro izquierdo del conductor. En algunos vehículos, esta fijación se puede mover hacia arriba o abajo para ajustar el cinturón del hombro. ¿Es ajustable esta fijación en su vehículo?

- 1 Sí, es ajustable
- 2 No, no es ajustable
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q11a ¿Ha intentado alguna vez ajustarlo?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q11b ¿Fue capaz de conseguir que el cinturón del hombro fuera más cómodo al ajustarlo?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q11c ¿Hay alguna razón por la que nunca ha intentado ajustarlo?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q11d ¿Cuál es la razón?

- 1 Ajusta bien ya
- 2 Es lo suficientemente cómodo
- 3 Alguien lo ajustó por mí
- 4 Nunca pensé en ello
- 10 Otra (ESPECIFICAR) ¿Cuál es la razón?
- 11 Difícil de ajustar
- 12 Aajuste automático
- 13 No uso cinturón de seguridad
- 14 No sabía que era ajustable
- 98 (VOL) No está seguro
- 99 (VOL) Rechaza

Q12 Al conducir este/esta ....., ¿con qué frecuencia lleva puesto el cinturón del hombro... (LEER LISTA)

- 1 TODO EL TIEMPO
- 2 LA MAYOR PARTE DEL TIEMPO

- 3 PARTE DEL TIEMPO
- 4 RARAMENTE O
- 5 NUNCA
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q13 Al conducir este/esta ....., ¿con qué frecuencia lleva puesto el cinturón del regazo... (LEER LISTA)

- 1 TODO EL TIEMPO
- 2 LA MAYOR PARTE DEL TIEMPO
- 3 PARTE DEL TIEMPO
- 4 RARAMENTE O
- 5 NUNCA
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q14 ¿Cuándo fue la última vez que NO llevaba puesto el cinturón de seguridad (ni el cinturón de seguridad del hombro ni el cinturón de seguridad del regazo) mientras conducía?

- 1 Hoy
- 2 Durante la semana pasada
- 3 Durante el mes pasado
- 4 Durante los últimos 12 meses
- 5 Hace un año o más / siempre lo llevo puesto
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q14a ¿Hubo alguna vez en los últimos 12 meses que no se abrocho o puso el cinturón de seguridad (ni el de seguridad del hombro ni el de seguridad del regazo) mientras conducía?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q15 ¿Es más probable, menos probable o igual de probable que se ponga el cinturón de seguridad en el trabajo comparado con la conducción para su uso personal?

- 1 Más probable
- 2 Menos probable
- 3 Igual de probable
- 8 (VOL) No sabe
- 9 (VOL) Rechaza



Q16a ¿Por qué es MÁS probable que se ponga el cinturón mientras conduce por trabajo? ¿Otra cosa?

ANOTACIÓN MÚLTIPLE. NO LEER.

- 1 Política de la compañía
- 2 Mayor concienciación sobre la seguridad
- 3 Ley de cinturón de seguridad
- 4 No quiero que me pongan una multa
- 5 Hábito/siempre lo llevo
- 6 Conduzco grandes distancias
- 7 Llevo pasajeros / clientes conmigo en el vehículo
- 8 Motivos de seguro
- 9 Conducción en tráfico pesado
- 10 Conducción de vehículo más grande
- 11 Más conducción en autopista
- 8 Otra (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechaza

Q16b ¿Por qué es MENOS probable que se ponga el cinturón mientras conduce por trabajo?

ANOTACIÓN MÚLTIPLE. NO LEER.

- 1 No es práctica ni política de empresa
- 2 No conduzco por carretera ni calles importantes
- 3 No me gusta que me digan qué hacer
- 4 No me gusta ponérmelo
- 5 Hábito/nunca/raramente lo llevo
- 6 Conduzco distancias cortas
- 7 Salgo y entro del vehículo todo el tiempo//tipo de trabajo/el equipo interfiere
- 8 Conducción lenta
- 9 No llevo pasajeros conmigo
- 10 Cinturón de seguridad roto/no funciona
- 11 Otra (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechaza

Q17 En los últimos 12 meses, ¿ha aumentado, disminuido o permanecido igual su uso de los cinturones de seguridad al conducir (el coche que conduzca con más frecuencia)?

- 1 Aumentado
- 2 Disminuido
- 3 Permanecido igual
- 4 Conductor nuevo
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q18\_1 ¿Qué provocó el cambio? Fue debido a....

(a) Se concienció más sobre temas de seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q18\_2 ¿Fue debido a....

(b) la ley del cinturón de seguridad

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q18\_3 ¿Fue debido a ....

(c) que no quiere que le pongan una multa

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q18\_4 ¿Fue debido a ....

(d) que le pusieron una multa por no llevar el cinturón/amonestación

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q18\_5 ¿Fue debido a....

(e) que usted o alguien a quien conoce ha tenido un accidente

- 1 Sí
- 2 No
- 8 (VOL) No sabe^s
- 9 (VOL) Rechazada^s

Q18\_6 ¿Fue debido a....

(f) que otras personas le animaron o presionaron a utilizar los cinturones de seguridad

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q18\_7 ¿Fue debido a....  
(g) que usted quería darle un buen ejemplo a los niños

- 1 Si
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q18\_8 ¿Fue debido a....  
(h) Alguien que usted conoce fue multado

- 1 Si
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q18i (Q18 ¿Qué provocó el cambio?)  
Fue debido a.... (LEER LISTA)  
¿ALGÚN OTRO MOTIVO?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q18i ¿Qué provocó el cambio?  
Fue debido a.... (LEER LISTA)  
¿ALGÚN OTRO MOTIVO?  
[ESPECIFAR]

Q19 Le voy a leer una lista de motivos por los que pudiera usar el cinturón de seguridad. Según vaya leyendo, ¿dígame sí o no cada motivo que se le pueda aplicar a usted?

Q19\_1 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...  
a. ES UN HÁBITO?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q19\_2 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...  
b. NO QUIERO QUE ME PONGAN UNA MULTA

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q19\_3 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...  
c. ESTOY INCÓMODO/INCÓMODA SIN ÉL CINTURÓN

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q19\_4 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...  
d. OTROS QUIEREN QUE ME LO PONGA

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q19\_5 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...  
e. ES LA LEY?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q19\_6 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...  
f. QUIERO EVITAR SUFRIR DAÑOS SERIOS/O MUERTE?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q19\_7 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...  
g. QUIERO DAR BUEN EJEMPLO A OTROS?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q19\_8 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...  
h. LA GENTE CON CON QUIEN ESTOY LO LLEVAN PUESTO?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q19\_9 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...

i. ME (AUTOMÓVIL/CAMIÓN/CAMIONETA)LO RECUERDA UNA CAMPANA, UN ZUMBADOR O UNA LUZ?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q19\_10 ¿Existen otras razones por las que se pone el cinturón de seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q19\_11 ¿Qué otras razones (por las que se pone el cinturón de seguridad)?

- 1 Me hace sentir cómodo/a
- 2 Conducir una mayor distancia
- 3 Tiempo malo/inclemente
- 4 Conducir en autopista
- 5 Tráfico pesado
- 6 Es automático
- 7 Conducir más
- 8 Imagen de buena compañía/más profesional
- 10 OTROS MALOS CONDUCTORES
- 11 HACERLO ES INTELIGENTE/ES LO CORRECTO
- 12 Me educaron para usarlo
- 13 Otro (Especificar\_\_\_\_\_)

Q20 De los siguientes motivos que me dijo para llevar el cinturón de seguridad, ¿cuál es el más importante?

(LEER LISTA. ANOTAR SOLO UNO)

- 1 ES UN HÁBITO
- 2 NO QUIERO QUE ME PONGAN UNA MULTA
- 3 ESTOY INCÓMODO/INCÓMODA SIN ÉL
- 4 OTROS QUIEREN QUE ME LO PONGA
- 5 ES LA LEY
- 6 QUIERO EVITAR SUFRIR DAÑOS
- 7 QUIERO DAR BUEN EJEMPLO A OTROS
- 8 LA GENTE CON LA QUE ESTOY LLEVAN PUESTO EL CINTURÓN DEL ASIENTO
- 9 OTRO :[q19ioth]
- 10 Me hace sentir cómodo/a
- 11 Conducir una mayor distancia
- 12 Tiempo inclemente
- 13 Conducir en autopista

- 14 Tráfico pesado
- 15 Es automático
- 16 Conducir más
- 17 Imagen de buena compañía/más profesional
- 19 OTROS MALOS CONDUCTORES
- 20 HACERLO ES INTELIGENTE/ES LO CORRECTO
- 21 Me educaron para usarlo
- 22 OTRO (ESPECIFICAR)
- 23 (VOL) No puedo decir que sólo uno es el más importante/todos son importantes
- 98 (VOL) No sabe
- 99 (VOL) No responde

PQ21 Por favor, dígame si está DE ACUERDO o EN DESACUERDO con las siguientes afirmaciones sobre su uso de los cinturones de seguridad. A veces no utilizo mi cinturón de seguridad porque...')

Q21\_1 a CONDUZCO SOLAMENTE DISTANCIAS CORTAS.

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q21\_2 b CONDUZCO CON POCO TRÁFICO

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q21\_3 c TENGO PRISA

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q21\_4 d SE ME OLVIDÓ PONÉRMELO

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q21\_5 e NO QUIERO QUE SE ME ARRUGUE LA ROPA

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe

- 9 (VOL) Rechaza
- Q21\_6 f EL CINTURÓN DE SEGURIDAD ES INCÓMODO/INCÓMODA
- 1 DE ACUERDO  
2 EN DESACUERDO  
8 (VOL) No sabe  
9 (VOL) Rechaza
- Q21\_7 g LA PROBABILIDAD DE TENER UN ACCIDENTE ES DEMASIADO BAJA
- 1 DE ACUERDO  
2 EN DESACUERDO  
8 (VOL) No sabe  
9 (VOL) Rechaza
- Q21\_8 h LA GENTE CON LA QUE VOY NO LLEVAN PUESTO EL CINTURÓN DEL ASIENTO
- 1 DE ACUERDO  
2 EN DESACUERDO  
8 (VOL) No sabe  
9 (VOL) Rechaza
- Q21\_9i NO ME GUSTA QUE ME DIGAN LO QUE TENGO QUE HACER
- 1 DE ACUERDO  
2 EN DESACUERDO  
8 (VOL) No sabe  
9 (VOL) Rechaza
- Q21i ¿Hay alguna otra razón por la que no se pone el cinturón de seguridad?
- 1 Sí  
2 No  
8 (VOL) No sabe  
9 (VOL) Rechaza
- Q21IOTH  
¿Cuáles son (las otras razones para no ponerse el cinturón de seguridad)?
- 1 Puede causar lesiones/enredos  
2 En accidente donde el cinturón de seguridad causa lesiones  
3 Conozco a alguien que se lesionó/murió debido al cinturón de seguridad  
4 Otro (Especificar \_\_\_\_\_)

Q22 De las siguientes razones que me ha dado para no llevar el cinturón de seguridad, ¿cuál es la más importante? (LEER LISTA. ANOTAR SOLAMENTE UNA)

- 1 SÓLO CONDUZCO DISTANCIAS CORTAS
- 2 CONDUZCO CON POCO TRÁFICO
- 3 TENGO PRISA
- 4 SE ME OLVIDÓ PONÉRMELO
- 5 NO QUIERO QUE SE ME ARRUGUE LA ROPA
- 6 EL CINTURÓN DE SEGURIDAD ES INCÓMODO
- 7 LA PROBABILIDAD DE TENER UN ACCIDENTE ES DEMASIADO BAJA
- 8 LA GENTE CON LA QUE VOY NO LLEVAN EL CINTURÓN DE SEGURIDAD PUESTO
- 9 (VOL) No puedo decir cuál es más importante / todas son importantes
- 10 Puede causar lesiones/enredos
- 11 En accidente donde el cinturón de seguridad causa lesiones
- 12 Conozco a alguien que se lesionó/murió debido al cinturón de seguridad
- 13 (VOL) No puedo decir que sólo uno es el más importante/Todos son importantes
- 14 (VOL) Otra :[q21ioth]
- 98 (VOL) No sabe
- 99 (VOL) Rechaza

Q22a Al conducir de noche, ¿es más probable, menos probable o apenas probable que usted use el cinturón de seguridad en comparación con cuando conduce de día?

- 1 Más probable
- 2 Menos probable
- 3 Apenas probable
- 4 (VOL) No conduzco de noche
- 8 (VOL) No sabe
- 9 (VOL) No responde

Q23 ¿Hay algo que le disguste especialmente o encuentra molesto sobre ponerse el cinturón de seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q24 ¿Qué es lo que le disgusta o encuentra molesto? ¿Algo más?

- 1 Poco cómodo
- 2 Los cinturones de seguridad son molestos/fastidiosos/engorrosos
- 3 Se siente uno limitado/demasiado confinado/restringido
- 4 Presión en el cuello/me ahoga/atraviesa el cuello
- 5 Presión en el hombro/la tira del hombro queda demasiado apretada
- 6 Presión en el pecho/La tira no se acomoda al pecho
- 7 Irrita/roza la piel/sarpullido



- 8 Arruga la ropa
- 9 Otro (Especificar \_\_\_\_\_)
- 98 No sabe/no está seguro
- 99 No responde

Q25 ¿ Para hacer la siguiente serie de preguntas, necesito saber cuántos niños de 15 años o menos de edad viven en su casa, al menos parte del tiempo o que la consideren su residencia principal?  
[NÚMERO (Rango 0-12); No sabe = 98; Rechazada =99]

---

Q26 ¿Qué edad tiene (Q26TXT)?  
[EDAD (Rango = 0-15) MENOS DE 1 = 0 ; No sabe = 98 Rechazada = 99]

---

Q27 Piense en todas las veces que este/esta niño/niña viajó con usted en los últimos treinta días, tanto con otros pasajeros como sin ellos. ¿Sobre qué proporción de esos viajes diría que el/la niño/niña viajó en el asiento delantero? Usted diría que el en los últimos treinta días el/la niño/niña montó en el asiento delantero...  
[LEER LISTA Y ANOTAR SOLAMENTE UNA]

- 1 Casi todas las veces, esto es el 90% o más
- 2 La mayoría de las veces
- 3 Aproximadamente la mitad de las veces
- 4 Algunas veces
- 5 Unas pocas veces, esto es, el 10% o menos
- 6 Nunca
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q28 Si se compara con hace 12 MESES este/esta niño/niña, ¿es más probable que se viaje en el asiento delantero, igual de probable que se viaje en el asiento delantero o menos probable que se viaje en el asiento delantero?

- 1 Más probable que se monte en el asiento delantero
- 2 Igual de probable que se monte en el asiento delantero
- 3 Menos probable que se monte en el asiento delantero
- 4 (VOL) No conduce actualmente con el/la niño/niña
- 5 (VOL) No conducía con el/la niño/niña hace doce meses
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q28a ¿Por qué es más probable que este/esta niño/niña viaje en el asiento delantero cuando usted conduce? NO LEER. ANOTACIONES MÚLTIPLES

- 1 El/ella es mayor/más grande
- 2 El/ella y yo vamos solos en el vehículo

- 3 El/ella prefiere ir delante
- 4 Le gusta sentarse a mi lado
- 5 Prefiero tenerlo/tenerla cerca para poder verlo/verla y poder alcanzarlo/alcanzarla
- 6 No hay otro sitio para el/la niño/niña en el vehículo
- 7 Otra (ESPECIFICAR)
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q28b ¿Por qué es menos probable que el/la niño/niña viaje en el asiento delantero cuando usted conduce?

[NO LEER. ANOTACIONES MÚLTIPLES]

- 1 Más seguro/segura atrás
- 2 Peligro por los airbags
- 3 El/la niño/niña prefiere ir atrás
- 4 La silla para el/la niño/niña está atrás
- 5 No hay otro sitio para el/la niño/niña en el vehículo
- 6 Es la ley
- 7 El niño es demasiado joven/pequeño
- 8 Otra (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechaza

Q29 En los últimos treinta días, ¿ha conducido un vehículo a motor en donde haya tenido a tres o más niños/niñas como pasajeros al mismo tiempo?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q29a ¿Ha habido algún día en los últimos 30 cuando tuvo que poner a un/una niño/niña en el asiento delantero porque había demasiados niños/niñas para el asiento trasero?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q30 ¿Con cuánta frecuencia viaja como pasajero en cualquier tipo de coche, furgoneta o camión? Diría que...(LEER LISTA)

- 1 CASI TODOS LOS DÍAS
- 2 VARIOS DÍAS POR SEMANA
- 3 VARIOS DÍAS AL MES
- 4 VARIOS DÍAS AL AÑO, O
- 5 NUNCA
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q31 Cuando usted es pasajero, ¿viaja normalmente en el asiento delantero o en el asiento trasero?

- 1 Asiento delantero
- 2 Asiento trasero
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q32 Cuando viaja como pasajero en el asiento delantero, ¿con qué frecuencia lleva su cinturón de seguridad? (LEER LISTA)

- 1 TODAS LAS VECES
- 2 LA MAYORÍA DE LAS VECES
- 3 ALGUNAS VECES
- 4 RARAMENTE, O
- 5 NUNCA
- 6 (VOL) Nunca monta en el asiento delantero
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q33 Cuando viaja como pasajero en el asiento trasero, ¿con qué frecuencia lleva su cinturón de seguridad? (LEER LISTA)

- 1 TODAS LAS VECES
- 2 LA MAYORÍA DE LAS VECES
- 3 ALGUNAS VECES
- 4 RARAMENTE, O
- 5 NUNCA
- 6 (VOL) Nunca monta en el asiento trasero
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q34 Le voy a leer una lista de motivos por los que puede que lleve el cinturón de seguridad. Según vaya leyendo, dígame sí o no cada motivo se le puede aplicar a usted.

Q34\_1 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...

a. ES UN HÁBITO?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q34\_2 Cuando llevo puesto el cinturón de seguridad, lo hago porque...

b. NO QUIERO QUE ME PONGAN UNA MULTA

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q34\_3 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...  
c. ESTOY INCÓMODO/INCÓMODA SIN ÉL CINTURÓN?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q34\_4 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...  
d. OTROS QUIEREN QUE ME LO PONGA?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q34\_5 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...  
e. ES LA LEY?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q34\_6 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...  
f. QUIERO EVITAR DAÑOS SERIOS?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q34\_7 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...  
g. QUIERO DAR BUEN EJEMPLO A OTROS?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q34\_8 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...

h. LA GENTE CON LA QUE VOY SE PONEN EL CINTURÓN DE SEGURIDAD?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q34\_9 Cuando llevo puesto el cinturón de seguridad, ¿lo hago porque...

i. MI [+ctv+] TIENE UNA CAMPANA, ZUMBADOR O LUZ QUE LO RECUERDA?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q34I ¿Hay algún otro motivo por el que se pone el cinturón de seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q34IOE ¿Qué otras razones (por las que se pondría el cinturón)?

- 1 Me hace sentir cómodo
- 2 Conducir una mayor distancia
- 3 Tiempo inclemente
- 4 Conducir en autopista
- 5 Tráfico pesado
- 6 Es automático
- 7 Conducir más
- 8 Imagen de buena compañía/más profesional
- 9 Otro (Especificar \_\_\_\_\_)

Q35 De las siguientes razones que me acaba de dar para llevar su cinturón de seguridad, ¿cuál es más importante? (LEER LISTA. ANOTAR SÓLO UNA)

- 1 ES UN HÁBITO
- 2 NO QUIERO QUE ME PONGAN UNA MULTA
- 3 ESTOY INCÓMODO/INCÓMODA SIN ÉL
- 4 OTROS QUIEREN QUE ME LO PONGA
- 5 ES LA LEY
- 6 QUIERO EVITAR DAÑOS GRAVES
- 7 QUIERO DAR BUEN EJEMPLO A OTROS
- 8 LA GENTE CON QUE ESTOY LLEVAN PUESTO EL CINTURÓN DE SEGURIDAD
- 9 LO RECUERDA UNA CAMPANA, UN ZUMBADOR O UNA LUZ
- 10 Me hace sentir cómodo
- 11 Conducir una mayor distancia

- 12 Tiempo inclemente
- 13 Conducir en autopista
- 14 Tráfico pesado
- 15 Es automático
- 16 Conducir más
- 17 Imagen de buena compañía/más profesional
- 18 OTRO (ESPECIFICAR)
- 19 (VOL) No puedo decir que sólo uno es el más importante/todos son importantes
- 98 (VOL) No sabe
- 99 (VOL) Rechaza

Q36 Por favor, dígame si está DE ACUERDO o EN DESACUERDO con las siguientes afirmaciones sobre su uso de los cinturones de seguridad.

Q36\_1 Algunas veces no llevo puesto mi cinturón de seguridad porque...  
a. SÓLO ESTOY CONDUCIENDO UNA DISTANCIA CORTA

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q36\_2 Algunas veces no llevo puesto mi cinturón de seguridad porque...  
b. VOY CON POCO TRÁFICO

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q36\_3 Algunas veces no llevo puesto mi cinturón de seguridad porque...  
c. TENGO PRISA

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q36\_4 Algunas veces no llevo puesto mi cinturón de seguridad porque...  
d. SE ME OLVIDÓ PONÉRMELo

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q36\_5 Algunas veces no llevo puesto mi cinturón de seguridad porque...

e. NO QUIERO QUE SE ME ARRUGUE LA ROPA

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q36\_6 Algunas veces no llevo puesto mi cinturón de seguridad porque...

f. EL CINTURÓN DE SEGURIDAD ES INCÓMODO

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q36\_7 Algunas veces no llevo puesto mi cinturón de seguridad porque...

g. LA PROBABILIDAD DE TENER UN ACCIDENTE ES DEMASIADO BAJA

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q36\_8 Algunas veces no llevo puesto mi cinturón de seguridad porque...

h. LA GENTE CON LA QUE ESTOY NO LLEVAN PUESTOS LOS CINTURONES DE SEGURIDAD

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q36\_9 Algunas veces no llevo puesto mi cinturón de seguridad porque...

i. NO ME GUSTA QUE ME DIGAN LO QUE TENGO QUE HACER

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q36i ¿Hay alguna otra razón por la que a veces usted no utiliza su cinturón de seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q36IOTH ¿Cuáles son (la razones para no utilizar el cinturón de seguridad)?

---

Q37 De las razones siguientes que me acaba de dar para no utilizar el cinturón de seguridad,¿cuál es la más importante para no llevar el cinturón de seguridad?  
(LEER LISTA. ANOTAR SOLAMENTE UNA)

- 1 SÓLO CONDUZCO DISTANCIAS CORTAS
- 2 CONDUZCO CON POCO TRÁFICO
- 3 TENGO PRISA
- 4 SE ME OLVIDÓ PONÉRMELO
- 5 NO QUIERO QUE SE ME ARRUGUE LA ROPA
- 6 EL CINTURÓN DE SEGURIDAD ES INCÓMODO
- 7 LA PROBABILIDAD DE TENER UN ACCIDENTE ES DEMASIADO BAJA
- 8 LA GENTE CON LA QUE VOY NO LLEVAN EL CINTURÓN DE SEGURIDAD PUESTO
- 9 NO ME GUSTA QUE ME DIGAN LO QUE TENGO QUE HACER
- 10 (VOL) No puedo decir cuál es más importante / todas son importantes
- 11 (VOL) Otra :[q21ioth]
- 98 (VOL) No sabe
- 99 (VOL) Rechaza

Q38 ¿Hay algo que le disgusta especialmente o que encuentra molesto sobre utilizar el cinturón de seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q39 ¿Qué es lo que le disgusta o encuentra molesto? ¿Algo más?

- 1 Poco cómodo
- 2 Los cinturones de seguridad son molestos/fastidiosos/engorrosos
- 3 Se siente uno limitado/demasiado confinado/restringido
- 4 Presión en el cuello/me ahoga/atraviesa el cuello
- 5 Presión en el hombro/la tira del hombro queda demasiado apretada
- 6 Presión en el pecho/La tira no se acomoda al pecho
- 7 Irrita/roza la piel/sarpullido
- 8 Arruga la ropa
- 9 OTRO (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechaza



Q40 Ahora me gustaría preguntarle sobre su opinión acerca de las leyes sobre el uso del cinturón de seguridad. ¿Qué opina sobre las leyes que obligan a utilizar los cinturones de seguridad a los pasajeros del asiento delantero y a los conductores? ¿Está muy a favor de estas leyes, algo a favor o no está nada a favor?

- 1 Muy a favor
- 2 Algo a favor
- 3 Nada a favor
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q41 ¿Cree usted que las leyes sobre los cinturones de seguridad se deben aplicar también a los pasajeros ADULTOS del asiento trasero?

- 1 Sí
- 2 No
- 3 Depende de la edad del pasajero
- 4 Depende del tipo de vehículo
- 5 (VOL) Otra (ESPECIFICAR)
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q42 ¿Está a favor o en contra de las multas a los conductores que no utilizan el cinturón de seguridad?

- 1 A favor
- 2 En contra
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q42a ¿Cuál piensa que debe ser la multa mínima por la primera infracción de los cinturones de seguridad? [CANTIDAD DE LA MULTA (Rango 0-1000); Sin multa/aviso = 0; No sabe = (VOL) 9998]

---

Q43 ¿Está a favor o en contra de recibir puntos en su licencia de conducir como multa por las infracciones de cinturones de seguridad?

- 1 A favor
- 2 En contra
- 3 Depende de las infracciones pasadas
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q44 Me gustaría que pensara en alguien a quien conoce que no utiliza el cinturón de seguridad siempre. Si pararan a esa persona y le pusieran una multa de (\$OFINE) por no llevar el cinturón de seguridad, ¿utilizaría esta persona el cinturón más frecuentemente, probablemente definitivamente utilizaría esta persona el cinturón de seguridad con más frecuencia o probablemente no cambiaría sus hábitos de uso del cinturón de seguridad?

- 1 Seguro que lo utilizaría con más frecuencia
- 2 Probablemente lo utilizaría con más frecuencia
- 3 Probablemente no cambiaría sus hábitos de uso de cinturón de seguridad
- 4 (VOL) Puede que haya un cambio a corto plazo, pero no un cambio a largo plazo
- 5 (VOL) No estoy seguro/segura
- 6 (VOL) No conozco a nadie así
- 9 (VOL) Rechaza

Q45 Suponga que le ponen una multa por no utilizar el cinturón de seguridad.  
¿Cuál de las siguientes afirmaciones describe mejor su reacción probable?

- 1 Me merezco la multa porque violé la ley, o
- 2 NO me merezco la multa porque el uso del cinturón de seguridad debería ser la decisión del individuo
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q46 Las preguntas siguientes son acerca de las leyes sobre el uso del cinturón de seguridad en su estado.

¿Tiene [oempty] una ley que obligue al uso del cinturón de seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q47 ¿A quién se le obliga a utilizar el cinturón de seguridad según la ley de su estado?

Q47\_1 ¿Se les obliga a los/las

a. Conductores/conductoras a utilizar el cinturón de seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q47\_2 ¿Se les obliga a

b. los/las niños/niñas en el asiento delantero a utilizar el cinturón de seguridad?

- 1 Sí
- 2 No

- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q47\_3 ¿Se les obliga a  
c. los/las niños/niñas en el asiento trasero a utilizar el cinturón de seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q47\_4 ¿Se les obliga a  
d. los/las pasajeros/pasajeras adultos/adultas del asiento delantero a utilizar el cinturón de seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q47\_5 ¿Se les obliga a  
e. los/las pasajeros/pasajeras adultos/adultas del asiento trasero a utilizar el cinturón de seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q48 Según la ley de su estado, ¿puede parar la policía a un vehículo si ve una infracción del uso del cinturón de seguridad o tienen que detectar otra infracción primero para parar al vehículo?

- 1 Puede parar sólo por infracción del uso del cinturón de seguridad
- 2 Tiene que detectar otra infracción primero
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q49 En su opinión, DEBERÍA permitirse a la policía parar vehículos si observa una infracción de uso del cinturón de seguridad si no hay ninguna otra infracción de las leyes de tráfico?

- 1 Debería permitírsele parar
- 2 No debería
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q49a La mayoría de las otras leyes sobre el tráfico permite a la policía parar a un vehículo cada vez que vea una infracción. ¿Por qué piensa que las infracciones del uso del cinturón de seguridad se deberían tratar diferentemente de otras infracciones de tráfico?  
NO LEER LISTA. ANOTACIÓN MÚLTIPLE

- 1 No suponen un riesgo para otros
- 2 No es una infracción tan grave
- 3 La policía abusa de ello
- 4 Debería ser una opción personal/ no es una buena norma/infringe los derechos
- 5 No siempre puedo decir que el cinturón de seguridad está puesto/Puede estar mal puesto
- 6 Sólo debería aplicarse a los niños
- 10 Otra (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechaza

Q50 En los últimos doce meses, desde (Q50TXT) del año pasado, ¿le ha parado la policía por CUALQUIER razón que tuviera que ver con el tráfico mientras conducía?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q50a ¿Utilizaba el cinturón de seguridad cuando le pararon?  
(SI LE PARARON MÁS DE UNA VEZ EN LOS ÚLTIMOS 12 MESES, PREGUNTAR SOBRE LA MÁS RECIENTE)

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q50b ¿Le pusieron multa por violar las leyes sobre el uso del cinturón de seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q50c ¿Recibió usted un aviso por violar las leyes sobre el uso del cinturón de seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q50d ¿Le pusieron una multa por alguna otra infracción del tráfico?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q50e ¿Le pusieron una multa por cualquier infracción del tráfico?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q51 ¿Le han puesto alguna vez una multa por no utilizar los cinturones de seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q52 ¿Le han dado alguna vez un aviso por no utilizar los cinturones de seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q52a Después de recibir el/la [q52atxt] por el uso del cinturón de seguridad, ¿empezó a usted a utilizar los cinturones de seguridad con más frecuencia, menos frecuentemente o no hubo cambio en la frecuencia con que los utilizaba?

- 1 Utilizó el cinturón de seguridad con más frecuencia
- 2 Utilizó el cinturón de seguridad con menos frecuencia
- 3 Sin cambio en la frecuencia de utilización del cinturón de seguridad
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q53 Suponga que no utiliza el cinturón de seguridad NUNCA mientras conduce en los próximos seis meses. ¿Cuán probable es que le pongan una multa por no utilizar el cinturón de seguridad? (LEER LISTA)

- 1 MUY PROBABLE
- 2 ALGO PROBABLE
- 3 ALGO IMPROBABLE
- 4 MUY IMPROBABLE
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q54 ¿Con cuánta frecuencia cree que la policía debe que poner multas por infracciones del uso del cinturón de seguridad? En una escala del 1 al 10, donde 1 significa que la policía casi nunca debería poner multas y 10 significa que la policía debería poner multas en todas las ocasiones cuando se trata de hacer cumplir las leyes sobre el uso del cinturón de seguridad, ¿Cuán estricta debe ser la imposición de la policía?

\_\_\_\_\_ [(VOL) No sabe = 98; (VOL) Rechaza = 99]

Q55 Ahora le voy a leer varias afirmaciones. Por favor, dígame usted si está muy de acuerdo, algo de acuerdo, algo en desacuerdo o muy en desacuerdo.

Q55\_1 a. Es igual de probable que los cinturones de seguridad le ayuden como que le dañen (Q55TXT)

- 1 Muy DE ACUERDO
- 2 Algo DE ACUERDO
- 3 Algo EN DESACUERDO
- 4 Muy EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q55\_2 b. La policía de mi comunidad generalmente no se molesta en poner multas por infracciones del uso del cinturón de seguridad

- 1 Muy DE ACUERDO
- 2 Algo DE ACUERDO
- 3 Algo EN DESACUERDO
- 4 Muy EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q55\_3 c. Los accidentes cerca de casa normalmente no tienen la gravedad de los accidentes más lejanos

- 1 Muy DE ACUERDO
- 2 Algo DE ACUERDO
- 3 Algo EN DESACUERDO
- 4 Muy EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q55\_4 d. Si tuviera un accidente, me gustaría llevar el cinturón de seguridad puesto

- 1 Muy DE ACUERDO
- 2 Algo DE ACUERDO
- 3 Algo EN DESACUERDO
- 4 Muy EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q55\_5 e. La mayoría de los accidentes de vehículos a motor ocurren dentro de un radio de cinco millas de la casa

- 1 Muy DE ACUERDO
- 2 Algo DE ACUERDO
- 3 Algo EN DESACUERDO
- 4 Muy EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q55\_6 f. Me daría reparo con mis amigos si yo utilizara el cinturón de seguridad y ellos no

- 1 Muy DE ACUERDO
- 2 Algo DE ACUERDO
- 3 Algo EN DESACUERDO
- 4 Muy EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q55\_7 g. Tengo el hábito de utilizar el cinturón de seguridad porque mis padres insistieron en que lo utilizara cuando era niño/niña

- 1 Muy DE ACUERDO
- 2 Algo DE ACUERDO
- 3 Algo EN DESACUERDO
- 4 Muy EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q55\_9 i. El ponerme el cinturón de seguridad hace que me preocupe más de tener un accidente

- 1 Muy DE ACUERDO
- 2 Algo DE ACUERDO
- 3 Algo EN DESACUERDO
- 4 Muy EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Me gustaría hacerle varias preguntas sobre límites de velocidad.

Q57 En general, ¿piensa usted que la mayoría de los límites de velocidad de las autopistas son demasiado bajos, demasiado altos o aproximadamente correctos?

- 1 Demasiado bajos
- 2 Demasiado altos
- 3 Aproximadamente correctos
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q58 ¿Y qué opina sobre los límites de velocidad residenciales o que no sean en autopistas? ¿Cree que son demasiado bajos, demasiado altos o aproximadamente correctos?

- 1 Demasiado bajos
- 2 Demasiado altos
- 3 Aproximadamente correctos
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q59 ¿Usted cree que la conducción de la mayoría de los/las otros/otras conductores/conductoras es ...(LEER LISTA)

- 1 EXCELENTE
- 2 MUY BUENA
- 3 BUENA
- 4 ACEPTABLE
- 5 MALA
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q60 ¿Con cuánta frecuencia se siente presionado por parte de otros/otras conductores/conductoras para que conduzca por encima del límite de velocidad? (LEER LISTA)

- 1 CON MUCHA FRECUENCIA
- 2 CON FRECUENCIA
- 3 RARAMENTE
- 4 NUNCA
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q61 ¿Qué afirmación describe mejor su conducción en autopista.

- 1 > TIENDO A ADELANTAR A OTROS COCHES CON MÁS FRECUENCIA QUE OTROS COCHES ME ADELANTAN, O
- 2 > OTROS COCHES TIENDEN A ADELANTARME CON MÁS FRECUENCIA

- 1 Tiendo a adelantar a otros coches con más frecuencia que otros coches me adelantan a mí
- 2 Otros coches tienden a adelantarme a mí con más frecuencia
- 3 (VOL) Ninguna, conduzco parecido a la mayoría de los/las otros/otras
- 4 (VOL) No conduzco en autopistas
- 5 (VOL) Ambas, esto es, tiendo a adelantar y otros tienden a adelantarme
- 8 (VOL) No sabe
- 9 (VOL) Rechaza



Q62 En general, ¿a qué velocidad conduce en autopista?  
[RANGO: 40 A 120 MPH; No conduce en autopista = 997; No sabe = 998; Rechazada = 999]

Ahora me gustaría hacerle varias preguntas sobre los airbags.

Q63 ¿Tiene el/la ..... que usted conduce normalmente airbag?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q64 ¿Tiene su ..... airbag delante del/de la conductor/conductora?

- 1 Sólo para el conductor
- 2 Para el conductor y pasajero/pasajera delantero/delantera
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q65 ¿Tiene su ..... airbag delante de donde iría un/una pasajero/pasajera en el asiento delantero?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q65a ¿Tiene su ..... airbag en algún otro sitio? En caso afirmativo, ¿dónde?  
(SÍ: ¿DÓNDE?) ¿Dónde más? [Si dice que air bag lateral, pregunte si frontal o posterior o ambas cosas].

(ANOTACIÓN MÚLTIPLE; LEER SI ES NECESARIO)

- 1 En las puertas del coche cercanas al asiento delantero
- 2 En las puertas del coche cercanas al asiento trasero
- 3 Cortina descendiente encima de la puerta delantero
- 4 Cortina descendiente encima de la puerta trasero
- 5 En el asiento delantero
- 6 En el asiento trasero
- 7 Añadir luego(7)
- 8 Añadir luego(8)
- 9 Sí, pero no sé dónde
- 10 Otra (ESPECIFICAR)
- 11 No
- 98 (VOL) No sabe
- 99 (VOL) Rechaza

Q66 Si está conduciendo un vehículo que tiene airbag y usted tiene un accidente que involucra daños importantes del vehículo, ¿es probable o improbable que usted sufra daños?

- 1 Probable
- 2 Improbable
- 3 (VOL) Depende del tipo de accidente
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q67 Por favor, dígame si usted está DE ACUERDO o EN DESACUERDO con la siguiente afirmación. Si mi coche tiene (Q67TXT1) airbag(s) lateral(es), no necesito utilizar mi cinturón de seguridad al (Q67TXT2).

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q71 ¿Preferiría usted que su próximo vehículo tenga airbag para el/la CONDUCTOR/CONDUCTORA solamente, airbag para el/la CONDUCTOR/CONDUCTORA Y PASAJERO/PASAJERA o que no tenga airbags?

- 1 Conductor/Conductora
- 2 Conductor/Conductora y pasajero/pasajera
- 3 Sin airbags
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q72 ¿Tiene alguna preocupación sobre la seguridad de los airbags?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q72a ¿Cuáles son esas preocupaciones (sobre la seguridad de los airbags)?

- 1 Se infla accidentalmente/despliegue prematuro
- 3 No se despliega/preocupación de que no funcionen correctamente
- 4 Polvo químico que quema
- 5 La velocidad del inflado del airbag causa lesiones
- 6 Lesiones/airbags pueden fracturar el cuello
- 7 Huesos fracturados/los airbags pueden fracturar los huesos (nariz, dedos, etc.)
- 8 Lesiones cuando el airbag se abre tras el impacto
- 10 Los adultos pueden lesionarse con los airbags
- 11 Los adultos pueden sofocarse/no pueden respirar con los airbags
- 12 Los adultos jóvenes pueden lesionarse con los airbags

- 13 Seguridad/lesiones en niños
- 14 Otra (ESPECIFICAR)

Q73 En general, ¿se siente usted más seguro/segura en coches con airbags, aproximadamente igual o menos seguro/segura en coches con airbags?

- 1 Más seguro/segura en vehículos a motor con airbags
- 2 Aproximadamente igual
- 3 Menos seguro/segura en coches con airbags
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q73a En general, ¿cuánta protección contra heridas le siente un airbag habría proveer en un accidente involucrando daños importante al vehículo? Lo diría...(LEERE LISTA)

- 1 Mucho protección contra heridas,
- 2 Alguna protección contra heridas,
- 3 Muy poca protección contra heridas, o
- 4 No provee ninguna protección contra heridas?
- 5 (VOL) Depende en el tipo de accidente
- 6 (VOL) No sabe
- 7 (VOL) Rechaza

Q78 Ahora le voy a hacer varias preguntas sobre el consumo de alcohol. Durante los últimos 30 días, ¿ha tomado al menos una copa de bebida alcohólica, incluyendo licor, cerveza, vino o wine coolers?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q79 ¿Ha tomado alguna bebida alcohólica durante los últimos 12 meses?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q80 ¿Cuántos días de los últimos 30 tomó bebidas alcohólicas?  
[(Rango=0-30) No sabe = 98; Rechazada = 99]

---

Q81 Como media, ¿cuántas bebidas tomó típicamente en los días que bebió?  
[(Rango=0-12); MÁS DE 12 = 13; No sabe = 98; Rechazada = 99]

---

Q82 Durante los últimos 30 días, ¿ha conducido algún vehículo después de beber alcohol?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q83 ¿Cuántos días de los últimos 30 ha conducido usted después de beber bebidas alcohólicas?  
[(Rango=0-30); No sabe = 98; Rechazada = 99]

---

Q84 En los últimos 30 días, ¿ha conducido algún vehículo cuando pensaba que había consumido demasiado alcohol para conducir con toda seguridad?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q86 ¿Ha sufrido USTED alguna herida en un accidente de vehículo a motor? Cuento solamente los heridas que necesitaron atención médica.

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q86a ¿Ha sufrido USTED algún daño en un accidente de vehículo a motor en el que usted era pasajero/pasajera o ha sido usted golpeado/golpeada y herido/herida por un vehículo a motor mientras caminaba o montaba en bicicleta? Cuento solamente los daños que necesitaron atención médica.

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q87 ¿Cuántas veces le ha ocurrido esto?  
[No sabe = 98; Rechazada = 99]

---

Q88 ¿Hace cuánto tiempo que pasó %Q88TXT% accidente?  
[SOLAMENTE LOS ACCIDENTES DONDE SE NECESITÓ AYUDA MÉDICA]  
[EN EL ÚLTIMO 12 MESES = 0; No sabe = 98; Rechazada = 99]

---

Q88a ¿Ocurrió (Q88TXT) accidente a menos de 5 millas de donde usted vivía?

- 1 Sí, a menos de 5 millas
- 2 No, a 5 millas o más
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q88b ¿A dónde IBA usted cuando tuvo ese accidente? Iba a casa, al trabajo, al supermercado, al domicilio de un/una amigo/amiga o a otro sitio?

- 1 Casa
- 2 Trabajo
- 3 Supermercado
- 4 Domicilio de un/una amigo/amiga/ de un familiar
- 5 Escuela/Universidad/Clase
- 6 Restaurante/Sitio de comidas rápidas
- 7 Actividad recreativa (juego de pelota, cine, etc.)
- 8 Ningún lugar en particular/sólo viajaba/caminaba
- 9 De compras/centro comercial/almacén
- 10 Otro sitio (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q88c ¿A dónde IBA usted cuando tuvo ese accidente? Venía del trabajo, del supermercado, del domicilio de un/una amigo/amiga o de otro sitio?

- 1 Hogar
- 1 Trabajo
- 2 Supermercado
- 3 Domicilio de un/una amigo/amiga/ de un familiar
- 4 Escuela/Universidad/Clase
- 5 Restaurante/Sitio de comidas rápidas
- 6 Actividad recreativa (juego de pelota, cine, etc)
- 7 Ningún lugar en particular/sólo viajaba/caminaba
- 8 De compras/centro comercial/almacén
- 9 Otro sitio (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q89 ¿Era usted pasajero/pasajera o conductor/conductora en ese accidente?

- 1 Conductor/conductora
- 2 Pasajero/pasajera
- 3 (VOL) Peatón/peatona
- 4 (VOL) Ciclista
- 5 (VOL) Motocicleta
- 6 (VOL) Otra (ESPECIFICAR)
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q90 ¿Llevaba el cinturón de seguridad abrochado en el momento del accidente?

- 1 Sí
- 2 No
- 3 (VOL) Conductor/conductora/pasajero/pasajera de motocicleta
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q91 ¿En cuál de los siguientes recibió tratamiento para sus heridas?

Q91\_1 ¿Recibió tratamiento en ....(LEER LISTA)?

(a) Sala de urgencias de un hospital

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q91\_2 ¿Recibió tratamiento en .... (LEER LISTA)?

(b) La consulta de un doctor?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q91\_3 Recibió tratamiento en .... (LEER LISTA)?

(c) Una clínica?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q91\_4 ¿Recibió tratamiento en .... (LEER LISTA)?

(d) En el lugar del accidente?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q91E (Q91 ¿En dónde de los siguientes recibió tratamiento para sus heridas?) ¿OTRO SITIO?

- 1 Respondió
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q92 ¿Se le transportó desde el lugar del accidente en ambulancia o en helicóptero?

- 1 Sí, ambulancia (o vehículo de rescate)
- 2 Sí, helicóptero
- 3 No, ninguno
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q93 ¿Estuvo hospitalizado/hospitalizada?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q93a ¿Cuánto tiempo estuvo hospitalizado/hospitalizada?

- 1 Respondió en DÍAS
- 2 Respondió en HORAS
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

(Q93a ¿Cuánto tiempo estuvo hospitalizado/hospitalizada?)  
[ANOTAR DÍAS (0-365)]

---

(Q93a ¿Cuánto tiempo estuvo hospitalizado/hospitalizada?)  
[ANOTAR HORAS (0-23)]

---

Q94 ¿Recibió usted algún tratamiento continuado o de seguimiento para sus heridas?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q94A\_1 (LEER LISTA) ¿Fue en..... La consulta de un doctor?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q94a ¿Dónde recibió este tratamiento de seguimiento?

Q94A\_2 (LEER LISTA) ¿Fue en..... En la consulta de un fisioterapeuta?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q94A\_3 (LEER LISTA) ¿Fue en..... Una clínica?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q94A\_4 (LEER LISTA) ¿Fue en..... Un hospital?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q94A\_5 (LEER LISTA) ¿Fue en..... Un quiropráctico?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q94a ¿Dónde recibió este tratamiento de seguimiento?  
¿EN OTRO SITIO?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

(Q94a ¿Dónde recibió este tratamiento de seguimiento?)



(¿EN OTRO SITIO?) [ESPECIFICAR]

Q95 ¿Le impidieron los daños de ese accidente al realizar alguna de sus actividades normales (trabajo, clases, trabajo doméstico) durante al menos una semana?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q95a ¿Hubo alguna actividad que fuera incapaz de efectuar debido a sus daños incluso un año después del accidente?

- 1 Sí
- 2 No
- 3 Pasó hace menos de 1 año
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q96 ¿Ha tenido alguna vez daños de un accidente de tráfico que le hayan impedido realizar alguna de sus actividades normales (trabajo, clases, trabajo doméstico) durante al menos una semana?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q96a ¿Hubo actividades que no pudo desarrollar debido a los daños incluso un año después del accidente?

- 1 Sí
- 2 No
- 3 Pasó hace menos de 1 año
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q96b ¿Ha tenido daños causados por un accidente de tráfico que le impidiese hacer cualquiera de sus actividades normales (trabajo, clases, trabajo doméstico) un año después del accidente?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q97 ¿Ha sido alguna vez el/la conductor/conductora o pasajero/pasajera de un accidente en un vehículo de motor que involucrara la muerte o heridas que necesitaran atención médica?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

La gente tiene creencias diferentes sobre sus propias posibilidades de supervivencia en un accidente.

Q98 ¿Está DE ACUERDO o EN DESACUERDO con que si es su hora de morir, morirá, por lo que no importa si utiliza o no el cinturón de seguridad?

- 1 DE ACUERDO
- 2 EN DESACUERDO
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q99 Ahora tengo que hacerle unas preguntas sobre usted y su casa. ¿Qué edad tiene?  
[EDAD Rechazada = 99]

---

Q101 ¿Cuántos/cuántas niños/niñas MENORES DE 16 viven en su casa al menos parte del tiempo o la consideran su residencia principal?  
[NINGUNO/NINGUNA = 0; Rechazada = 99]

---

Q102 ¿Se considera usted hispano/hispana o latino americano/latina americana?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q103 ¿Cuál de los siguientes grupos raciales le describe a usted? Puede seleccionar más de uno.  
LEER LA LISTA Y ANOTACIÓN MÚLTIPLE

- 1 Indio/india americano/americana o nativo/nativa de Alaska
- 2 Asiático/asiática
- 3 Negro/negra o africanoamericano/africanoamericana
- 4 Nativo/nativa de Hawaii o de otra isla del Pacífico
- 5 Blanco/blanca
- 6 (VOL) Hispano/latino
- 7 Otra (ESPECIFICAR)
- 9 (VOL) Rechazada

Q103b ¿Habla usted en casa un idioma diferente al inglés?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q103c ¿Cuál es este idioma?

- 1 Spanish
- 2 Chinese
- 3 French
- 4 German
- 5 Tagalog
- 6 Vietnamese
- 7 Italian
- 8 Korean
- 9 Russian
- 10 Polish
- 11 Arabic
- 12 Portuguese
- 13 Japanese
- 14 French Creole
- 15 Greek
- 16 Hindi
- 17 Persian
- 18 Urdu
- 19 Gujarathi
- 20 Armenian
- 21 Otra (ESPECIFICAR)
- 99 (VOL) Rechazada

Q105 ¿Cuál es el curso o año académico más alto que ha completado?

- 8 Octavo grado o menos
- 9 Noveno grado
- 10 Décimo grado
- 11 Undécimo grado
- 12 Duodécimo grado/GED
- 13 Algo de universidad
- 14 Graduado/graduada de universidad o más alto
- 99 (VOL) Rechazada

Q106 ¿Cuál de las siguientes categorías define mejor los ingresos totales de su casa antes de impuestos en 1999? (Incluir los ingresos de todas las personas de la casa.) Los ingresos totales de su casa fueron de [LEER LISTA]

- 1 Menos de 5.000 dólares
- 2 5.000 a 14.999 dólares
- 3 15.000 a 29.999 dólares
- 4 30.000 a 49.999 dólares
- 5 50.000 a 74.999 dólares
- 6 75.000 a 99.999 dólares
- 7 100.000 dólares o más
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Para entender mejor las características de conductor/conductora y pasajero/pasajera, nos gustaría preguntarle su peso y altura.

Q108 ¿Cuál es aproximadamente su estatura sin zapatos?

- 1 Respondió
- 8 (VOL) No sabe
- 9 (VOL) Rechaza

Q108a ¿Aproximadamente, cuánto mide usted sin zapatos?)  
[ANOTAR PIES]

Q108b Aproximadamente, cuánto mide usted sin zapatos?)  
[ANOTAR PULGADAS]

Q109 ¿Cuánto pesa usted? [LIBRAS]  
[No sabe =998 ; Rechazada =999]

Q110 Sin incluir buscas y mensáfonos, ¿tiene más de un número de teléfono en su casa en los que pueda recibir llamadas telefónicas entrantes?

- 1 Sí
- 2 No
- 9 (VOL) Rechaza

Q110a ¿Cuántos números de teléfono distintos tiene usted en esta residencia en los que puede recibir normalmente llamadas telefónicas entrantes?  
[10 O MÁS = 10; No sabe = 11; Rechazada = 12]

Q110b ¿Visitó usted el sitio web de D.O.T. para averiguar más información sobre la encuesta? (en [www.nhtsa.dot.gov](http://www.nhtsa.dot.gov))

- 1 Sí
- 2 No

- 8 (VOL) No sabe
- 9 (VOL) No responde

Q112 La encuesta se realizó en:

- 1 Inglés
- 2 Español

QEND Esas son todas las preguntas que tengo para usted hoy.

=====  
ENCUESTADOR: AGRADECER Y TERMINAR. ANOTAR INICIALES.  
=====

ANOTAR EN MAYÚSCULAS 'Fecha del turno actual'

# **APPENDIX B2:**

**SPANISH LANGUAGE**

**QUESTIONNAIRE**

**VERSION 2**

SCHULMAN, RONCA AND BUCUVALAS, INC.  
3629BS  
145 EAST 32ND STREET  
NEW YORK, NEW YORK 10016

STUDY NUMBER  
January 7, 2007  
OMB No. 2127-0645  
Expiration Date:  
6/30/2009

**SURVEY ON OCCUPANT PROTECTION: 2006  
FINAL VERSION 2 SPANISH**

SAMPLE READ-IN

Sample Type:  
Cross-section 1  
Oversample 2

State: \_\_\_\_\_ County: \_\_\_\_\_ Metro Status: \_\_\_\_\_

Date: \_\_\_\_\_ CATI ID: \_\_\_\_\_

Interviewer: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Time Start: \_\_\_\_\_ Time End: \_\_\_\_\_ TOTAL TIME: \_\_\_\_\_

QA Para seleccionar sólo una persona a quien encuestar ¿Podría hablar con la persona de la casa que tenga más de 16 años?

- 1 Quien responde es la persona
- 2 Otra persona que coge el teléfono
- 3 Quien responde no está disponible
- 9 (VOL) Rechazada

Esas son todas las preguntas que tengo para usted. Gracias por su tiempo.

QB ¿Hay alguien de entre 15 y 39 años de edad que viva en su casa?

- 1 Sí
- 2 No

Esas son todas las preguntas que tengo para usted . Gracias por su tiempo.

QC Puedo hablar con alguien que tenga entre 15 y 39 años de edad que viva en su casa?

- 1 Quien responde es la persona
- 2 Otra persona que coge el teléfono. responde
- 3 Quien responde no está disponible
- 9 (VOL) Rechazada

Esas son todas las preguntas que tengo para usted . Gracias por su tiempo.

QD Hola, me llamo (NAME) y llamo en nombre del Departamento de Transporte de los Estados Unidos. Estamos llevando a cabo un estudio nacional sobre los hábitos de conducir de los americanos y sobre las actitudes acerca de las leyes de circulación actuales. La encuesta es completamente confidencial. Dura de quince a veinte minutos.

¿Podemos empezar ahora?

- 1 CONTINUAR ENTREVISTA
- 2 Programar nueva llamada
- 9 (VOL) Rechazada

QD1 ¿Por favor, me puede decir por qué no quiere hacer la encuesta?

- 1 Respondió
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Esas son todas las preguntas que tengo para usted . Gracias por su tiempo.

Q138 POR OBSERVACIÓN, ANOTE EL SEXO DE QUIEN RESPONDE

- 1 Hombre
- 2 Mujer

Q1 ¿Con qué frecuencia conduce un vehículo a motor? ¿Casi todos los días, varios días a la semana, varios días al mes, varios días al año o nunca?

- 1 Casi todos los días
- 2 Varios días a la semana
- 3 Varios días al mes
- 4 Varios días al año
- 10 Nunca
- 12 Otra (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q1a ¿Cuántos años lleva usted conduciendo? (Leer lista si es necesario)

- 1 Menos de 1 año
- 2 De 1 a 4 años
- 3 De 5 a 9 años
- 4 De 10 a 14 años
- 5 De 15 a 19 años
- 6 20 años o más
- 8 (VOL) No sabe
- 9 (VOL) No responde



Q1b Antes de recibir su licencia de conducción, ¿tomó usted un curso de formación en conducción?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) No responde

Q1c Por favor, dígame si usted recibió su formación en conducción de cualquiera de los siguientes.. ¿Tomó usted para su formación en conducción un.....?

	Sí	No	(VOL) No sabe	(VOL) No responde
a. curso en la escuela	1	2	8	9
b. curso en una empresa privada	1	2	8	9
c. curso a través de internet	1	2	8	9
d. curso con uno de sus padres/familiar	1	2	8	9
e. curso en otro lugar (Especificar)	1	2	8	9

Q2 ¿El vehículo que conduce más frecuentemente es un coche, una Furgoneta o "minivan", una moto, un vehículo utilitario deportivo u otro tipo de camión? (NOTA: SI QUIEN RESPONDE CONDUCE MÁS DE UN VEHÍCULO CON FRECUENCIA, PREGUNTAR:) "¿Cuál ha sido el ÚLTIMO vehículo que ha conducido?"

- 1 Coche
- 2 Furgoneta o minivan
- 3 Motocicleta
- 4 Camioneta descapotable (pick up truck)
- 5 Vehículo utilitario deportivo (Jeep/Explorer/Trooper/etc)
- 10 Otro (ESPECIFICAR)
- 11 Otra camioneta (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q3 Cuando se compró el/la ....., ¿era nuevo/nueva o usado/usada?

- 1 Nuevo/nueva
- 2 Usado/usada
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

**INSTRUCCIÓN PARA QUIEN HACE LA ENCUESTA: LAS PREGUNTAS SOBRE EL CINTURÓN DE SEGURIDAD SE REFIEREN A LOS CINTURONES DEL LADO DEL CONDUCTOR.**

Q4 Para la próxima serie de preguntas, por favor responda solamente para el/la .... que dice que conduce habitualmente. ¿Los cinturones de seguridad del/de la ..... van por el hombro solamente, por el regazo solamente, tanto por el hombro como por el regazo?

- 1 Por el hombro
- 2 Por el regazo
- 3 Por ambos
- 4 El vehículo no tiene cinturones
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q5 ¿Son los cinturones del hombro y del regazo de una pieza o son dos cinturones divididos?

- 1 Una pieza
- 2 Dos cinturones divididos
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q6 ¿Son los cinturones del hombro y del regazo automáticos, sólo el del hombro es automático o ninguno de los dos es automático?

- 1 Ambos son automáticos
- 2 Sólo el del hombro es automático
- 3 Ninguno es automático
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q7 ¿Es el cinturón del hombro automático o se lo tiene que poner usted?

- 1 Automático
- 2 Manual
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q8 Cuando conduce, ¿lleva siempre el cinturón, o está alguna vez desconectado, desactivado o puesto detrás de usted?

- 1 Siempre lo llevo
- 2 Desconectado
- 3 Desactivado
- 4 Detrás de mí
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q9 Al conducir este/esta ....., ¿con qué frecuencia lleva puesto el cinturón del hombro... **(LEER LISTA)**

- 1 TODO EL TIEMPO
- 2 LA MAYOR PARTE DEL TIEMPO
- 3 PARTE DEL TIEMPO
- 4 RARAMENTE O
- 5 NUNCA
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q10 Al conducir este/esta ....., ¿con qué frecuencia lleva puesto el cinturón del regazo... **(LEER LISTA)**

- 1 TODO EL TIEMPO
- 2 LA MAYOR PARTE DEL TIEMPO
- 3 PARTE DEL TIEMPO
- 4 RARAMENTE O
- 5 NUNCA
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q11 ¿Cuándo fue la última vez que NO llevaba puesto el cinturón de seguridad (ni el del hombro ni el del regazo) mientras conducía?

- 1 Hoy
- 2 Durante la semana pasada
- 3 Durante el mes pasado
- 4 Durante los últimos 12 meses
- 5 Hace un año o más / siempre lo llevo puesto
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q11a ¿En los últimos 12 meses hubo alguna vez que no se abrocho o puso el cinturón de seguridad (ni el del hombro ni el del regazo) mientras conducía?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q12 Para hacerle la siguiente serie de preguntas, necesito saber cuántos niños/niñas MENORES DE 16 AÑOS viven en su casa al menos la mitad del tiempo o la consideran su residencia principal?

\_\_\_\_\_ [NÚMERO (Rango 0-12); NINGUNO/A = 0; No sabe = 98;  
Rechazada=99]

Q14a ¿Qué edad tiene (este niño/el niño más pequeño)? (ANOTE EL AÑO MÁS CERCANO)

**[NOTA: GEMELOS O MELLIZOS (TRILLIZOS, ETC.) SE DEBEN ANOTAR SEPARADAMENTE, EL/LA MÁS JOVEN, PRIMERO]**

0 =	Menos de 1 año	9 =	9 años
1 =	1 año	10 =	10 años
2 =	2 años	11 =	11 año
3 =	3 años	12 =	12 años
4 =	4 años	13 =	13 años
5 =	5 años	14 =	14 años
6 =	6 años	15 =	15 años
7 =	7 años	98 =	(VOL) No sabe
8 =	8 años	99 =	(VOL) Rechazada

Q14b ¿Es (Q14BTXT) niño o niña?

1	Niño
2	Niña
9	(VOL) Rechazada

Q14c ¿Cuál es la relación entre (Q14BTXT) y usted?

1	Hijo/hija/hijastro/hijastra
2	Nieto/nieta
3	Hermano/hermana
4	Otro/otra pariente
5	Sin parentesco
9	(VOL) Rechazada

Q15 ¿Conduce alguna vez con el/la (Q15TXT) Que acaba de mencionar en su .....?

1	Sí, un/una niño/niña de la casa
2	Sí, más de un/una niño/niña
3	No
8	(VOL) No sabe
9	(VOL) Rechazada

Q16 ¿Con quien de los/las niños/niñas menores de nueve años conduce algunas veces? (**ANOTAR DEBAJO LA EDAD DE CADA NIÑO/NIÑA CON QUIEN CONDUCE AL MENOS A VECES**) (**MENCIONAR NÚMERO....**)

1	Menos de 1 año
2	1 año
3	2 años
4	3 años
5	4 años
6	5 años
7	6 años
8	7 años

- 9 8 años
- 10 9 años
- 11 10 años
- 12 11 año
- 13 12 años
- 14 13 años
- 15 14 años
- 16 15 años
- 99 (VOL) Rechazada

Q17 Durante los últimos 12 meses, ¿ha conducido usted con algún/alguna niño/niña menor de 9 años?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q18 ¿Con qué frecuencia conduce usted con niños/niñas menores de nueve años? Es.....

- 1 Casi todos los días
- 2 Varios días a la semana
- 3 Varios días al menos
- 4 Varios días al año
- 10 Nunca
- 12 Otra (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q18b ¿Con cuántos/cuántas de estos/estas niños/niñas menores de 9 años conduce usted al menos de vez en cuando?

\_\_\_\_\_ [NÚMERO (Rango 1-8); (VOL) No sabe = 98; (VOL) Rechazada=99]

Q19a ¿Cuál es la relación entre el/la (Q19ATXT) menor de 9 años con quien conduce al menos de vez en cuando?

- 1 Hijo/hija/hijastro/hijastra
- 2 Nieto/nieta
- 3 Hermano/hermana
- 4 Otro/otra pariente
- 5 Sin parentesco
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q19b ¿Qué edad tiene el/la (Q19ATXT) menor de 9 años?  
(ANOTAR EL AÑO MÁS PRÓXIMO)

- 0 = Menos de 1 año
- 1 = 1 año
- 2 = 2 años
- 3 = 3 años
- 4 = 4 años
- 5 = 5 años
- 6 = 6 años
- 7 = 7 años
- 8 = 8 años
- 9 = (VOL) Rechazada

Q19c ¿Es (Q19BTXT) niño o niña?

- 1 Niño
- 2 Niña
- 9 (VOL) Rechazada

Q20 ¿Cuando usted conduce y lleva niños/niñas menores de 9 años con usted, ¿diría ellos van en el asiento de seguridad, asiento de seguridad elevado o llevando el cinturón de seguridad todas las veces, la mayoría de las veces, algunas veces, raramente o nunca?

- 1 Todas las veces
- 2 La mayoría de las veces
- 3 Algunas veces
- 4 Raramente
- 5 Nunca
- 6 (VOL) Depende del/de la niño/niña
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q21 Las próximas preguntas son para ....., solamente. ¿Cuánto pesa (HE/SHE)?  
(NOTA: IGNORAR LAS REFERENCIAS A ONZAS; ANOTAR LIBRAS SOLAMENTE).

\_\_\_\_\_ [RANGO 1-900 ; (VOL) No sabe = 998 ; (VOL) Rechazada = 999]

Q21a SONDA: ¿Pesa [he/she]....

- 1 Menos de 20 libras
- 2 20 A 29 libras
- 3 30 A 39 libras
- 4 40 libras o más
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q22 ¿Cuánto mide el/la.....?

- 1 Respondió
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

(Q22a ¿Cuánto mide el/la.....?)  
(ANOTAR PIES)

(Q22b ¿Cuánto mide el/la.....?)  
(ANOTAR PULGADAS)

**ENCUESTADOR/ENCUESTADORA: SI LA ALTURA ES MENOS DE 13 PULGADAS, REPETIR PREGUNTA DE ALTURA**

**ENCUESTADOR/ENCUESTADORA: SI LA ALTURA ES MÁS DE 61 PULGADAS, REPETIR PREGUNTA DE ALTURA**

**ENCUESTADOR/ENCUESTADORA: SI NO PASA LA PRUEBA DE CONSISTENCIA, VOLVER A COMPROBAR EL PESO Y LA ALTURA**

Q23 Cuando usted está conduciendo y el/la ..... va en el vehículo con usted, ¿con que frecuencia (HE/SHE) va en el asiento de seguridad para coche? Los asientos de seguridad para coche incluyen asientos para bebés, asientos para niños/niñas y asientos de seguridad elevados. Diría que (HE/SHE) va en un asiento de de seguridad para niño/niña ... **(LEER LISTA)**

- 1 TODAS LAS VECES
- 2 LA MAYORÍA DE LAS VECES
- 3 ALGUNAS VECES
- 4 RARAMENTE
- 5 NUNCA
- 6 (VOL) Nunca conduce con niño/niña
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q23a ¿Va el/la ..... al menos de manera ocasional en asiento de seguridad para niño/niña cuando viaja con usted?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q24 ¿Cuándo fue la última vez que el/la ..... NO viajo en el asiento de seguridad para niño/niña cuando usted conducía? [LEER LISTA SI ES NECESARIO]  
**(RECORDAR QUE ASIENTOS de seguridad INCLUYE asientos para infants , ASIENTOS PARA NIÑOS/NIÑAS Y ASIENTOS DE SEGURIDAD ELEVADOS)**

- 1 Hoy
- 2 La semana pasada
- 3 El mes pasado
- 4 En los últimos 12 meses
- 5 Hace un año o más/siempre lo lleva (sigue en la página siguiente)
- 10 (VOL) Nunca monta en coche
- 11 (VOL) Nunca conduce con el/la niño/niña en el coche
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q24a1 Creo que pude haber marcado algo mal, permítame revisar de nuevo, [IF PUNCH =10 leer: "su niño de (EDAD) nunca viaja en un asiento de automóvil"; IF PUNCH 11 leer: "usted nunca conduce con su niño de (EDAD) en un automóvil"]. ¿Es correcto?

- 1 Correcto
- 2 No, eso no es correcto
- 8 (VOL) No sabe
- 9 (VOL) No responde

Q24a ¿Hubo alguna vez en los últimos 12 meses en que el/la ..... no viajo en asiento de seguridad cuando usted conducía?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q25a1 Cuando el/la (AGE) viaja en el asiento de carro para niños, ¿el niño utiliza tiras/correas que pasan sobre los hombros y se engancha/abrocha entre las piernas?

- 1 Sí
- 2 No
- 3 (VOL) Nunca usa un asiento de carro para niños
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q25a1b Creo que pude haber marcado algo mal, permítame revisar de nuevo, ¿su niño de (EDAD) nunca viaja en un asiento de automóvil? ¿Es correcto?

- 1 Correcto
- 2 No, eso no es correcto
- 8 (VOL) No Sabe
- 9 (VOL) No responde



Q25a2 ¿El niño de (EDAD) generalmente esta' en una posición mirando al frente cuando viaja en el asiento del automóvil, en la cual el niño mira hacia la parte frontal del vehículo? ¿O está el niño generalmente en una posición mirando hacia atrás al viajar en el asiento del automóvil, en la cual el niño mira hacia la parte posterior del vehículo?

- 1 Posición mirando al frente
- 2 Posición mirando hacia atrás
- 8 (VOL) No sabe
- 9 (VOL) No responde

Q25b ¿El niño de (EDAD) viaja en un asiento auxiliar para niños?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) No responde

Q25c ¿Podría usted decirme el tipo de asiento de automóvil en que el niño viaja usualmente?

\_\_\_\_\_

Q26 Cuando usted está conduciendo y el niño de (EDAD) viaja en el [asiento para niños/"Asiento Auxiliar para Niños"], ¿está él/ella generalmente en el asiento delantero o en el asiento trasero?

- 1 Asiento delantero
- 2 Asiento trasero
- 3 (VOL) Nunca usa asiento de automóvil
- 8 (VOL) No sabe
- 9 (VOL) No responde

q26a1 Creo que pude haber marcado algo mal, permítame revisar de nuevo, su niño de (EDAD) nunca viaja en un [asiento de automóvil/"Asiento Auxiliar para Niños"]. ¿Es correcto?

- 1 Correcto
- 2 No, eso no es correcto
- 8 (VOL) No sabe
- 9 (VOL) No responde

Q26a ¿Está el [asiento para niños/"Asiento Auxiliar para Niños"] normalmente detrás del/de la conductor/conductora, detrás del pasajero/de la pasajera o en el centro del asiento trasero?

- 1 Detrás del/de la conductor/conductora
- 2 Detrás del/de la pasajero/pasajera
- 3 En el centro
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q29 ¿Cuántos días de los últimos treinta viajo el/la ..... en un vehículo conducido por usted?

\_\_\_\_\_ [DÍAS: (Rango=0-30); No sabe=98 ; Rechazada=99]

Q30 Durante los últimos treinta días, ¿ha viajado el/la ..... en un vehículo donde conducía alguien de fuera de su domicilio (incluye autobús del colegio, taxis y otros vehículos privados)?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q30a Durante los últimos treinta días, ¿ha viajado el/la ..... en un vehículo donde conducía alguien de fuera de su domicilio?

\_\_\_\_\_ [(Rango=0-30) ; No sabe=98 ; Rechazada=99]

Q30b ¿Quiénes fueron esos/esas conductores/conductoras? (Cuál es su relación con el niño/la niña?)

**(ANOTACIÓN MÚLTIPLE)**

- 1 Padre/madre/padrastro/madrastra
- 2 Hermano/hermana
- 3 Abuelo/abuela
- 4 Otros pariente
- 5 Cuidador/cuidadora diurno/diurna
- 6 Padre/madre de amigos
- 7 Otra persona no pariente
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q31 ¿Dónde diría que es el lugar más seguro para poner el [asiento para niños/"Asiento Auxiliar para Niños"] para coche en el vehículo...en el asiento delantero o en el asiento trasero?

- 1 Asiento delantero
- 2 Asiento trasero
- 3 (VOL) Depende del tipo de asiento de niño/niña para coche
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q33 Ahora, pensando nuevamente en el [asiento para niños/"Asiento Auxiliar para Niños"] en el que generalmente viaja el niño de (EDAD), ¿obtuvo usted el [asiento para niños/"Asiento Auxiliar para Niños"] nuevo o usado?

- 1 Nuevo
- 2 Usado
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q34 ¿Compró el asiento de niño/niña para coche ["Asiento Auxiliar para Niños"], lo consiguió como regalo se los prestó un pariente o lo consiguió en un programa de préstamo (como por ejemplo un hospital u otra organización que presta asientos para automóvil ["Asiento Auxiliar para Niños"] que debe ser devuelto)?

**(NOTA: SI QUIEN RESPONDE HA UTILIZADO EL ASIENTO DE NIÑO/NIÑA PARA COCHE ANTES, PROBAR PARA DETERMINAR DE DÓNDE VINO EL ASIENTO DE NIÑO/NIÑA PARA COCHE ORIGINALMENTE)**

- 1 Comprado
- 2 Regalo/Préstamo
- 3 Programa de préstamo
- 9 Otro (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q36 ¿Venía una tarjeta de registro con el asiento de niño/niña para coche ["Asiento Auxiliar para Niños"] cuando lo compró?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q36a ¿Rellenó y envió por correo la tarjeta de registro?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q37 ¿Oyó o leyó alguna información o recibió algún consejo sobre la necesidad de utilizar asientos de seguridad niño/niña para coche de alguna de las siguientes fuentes?

Q37\_1 ¿Consiguió su información... a. DE UN DOCTOR O ENFERMERO/ENFERMERA

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q37\_2 ¿Consiguió su información... b. EN UN LIBRO, REVISTA O ARTÍCULO

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q37\_3 ¿Consiguió su información... c. PERSONA QUE OFRECE CUIDADO POR EL DÍA

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q37\_4 ¿Consiguió su información... d. POR LA INFORMACIÓN EN TELEVISIÓN O EN LA RADIO

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q37\_5 ¿Consiguió su información... e. DE UN MIEMBRO DE SU FAMILIA O UN AMIGO

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q37\_6 ¿Consiguió su información... f. EN UNA LÍNEA DE INFORMACION SEGURIDAD

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q37g ¿Oyó o leyó acerca de la necesidad de utilizar asiento de seguridad niño/niña para coche en algún otro sitio?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q37h Oyó o leyó acerca de la necesidad de utilizar asiento de seguridad niño/niña para coche en algún otro sitio?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q37i ¿En dónde?

---

Q38 ¿Cómo aprendió a ajustar el asiento de niño/niña para coche en el vehículo?  
(ANOTACIÓN MÚLTIPLE)

- 1 Leí las instrucciones
- 2 Un/una pariente o amigo/amiga me ayudó
- 3 Fue a una estación de ajuste/de inspección
- 4 Un/una profesional de la salud me lo mostró
- 5 Lo averigué yo mismo
- 6 El asiento para coche venía ajustado al coche
- 7 Otra (ESPECIFICAR)
- 8 Porogama de televisión
- 9 Departamento de policía
- 10 Departamento de bomberos
- 11 Clase sobre asientos de autos
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q39 ¿Leyó las instrucciones [para el asiento para niños/"para el Asiento Auxiliar para Niños"]?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

**PULSAR INTRO PARA CONTINUAR**

**XRQ40 ORDEN DE LOS ELEMENTOS PARA Q40**

- 1- LAS INSTRUCCIONES QUE ESTABAN EN LA CAJA DEL ASIENTO PARA COCHE
- 2- LAS INSTRUCCIONES QUE ESTABAN EN LA ETIQUETA DEL ASIENTO PARA COCHE
- 3- LAS INSTRUCCIONES QUE VINIERON EN EL MANUAL DEL PROPIETARIO
- 4- AÑADIR LUEGO (4)
- 5- AÑADIR LUEGO (5)
- 6- AÑADIR LUEGO (6)
- 7- AÑADIR LUEGO (7)

Q40\_1 (-Q40- ¿Qué instrucciones leyó?)

Leyó: LAS INSTRUCCIONES QUE ESTABAN EN LA CAJA DEL ASIENTO PARA COCHE

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q40\_2 (-Q40- ¿Qué instrucciones leyó?)

Leyó: LAS INSTRUCCIONES QUE ESTABAN EN LA ETIQUETA DEL ASIENTO PARA COCHE

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q40\_3 (-Q40- ¿Qué instrucciones leyó?)

Leyó: LAS INSTRUCCIONES QUE VINIERON EN EL MANUAL DEL PROPIETARIO

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q40\_4 (-Q40- ¿Qué instrucciones leyó?)

Leyó: AÑADIR LUEGO (4)

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q40\_5 (-Q40- ¿Qué instrucciones leyó?)

Leyó: AÑADIR LUEGO (5)

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q40\_6 (-Q40- ¿Qué instrucciones leyó?)

Leyó: AÑADIR LUEGO (6)

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q40\_7 (-Q40- ¿Qué instrucciones leyó?)

Leyó: AÑADIR LUEGO (7)

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q40\_8 (-Q40- ¿Qué instrucciones leyó?)

Leyó: AÑADIR LUEGO (8)

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q41 ¿Cuán fáciles o difíciles fueron de entender las instrucciones? ¿Diría que las instrucciones fueron muy fáciles, algo fáciles, algo difíciles o muy difíciles de entender?

- 1 Muy fáciles
- 2 Algo fáciles
- 3 Algo difíciles
- 4 Muy difíciles
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q42 ¿Había instrucciones disponibles?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q43 ¿Cuán fácil le resulta ajustar el asiento de seguridad niño/niña para coche al vehículo que conduce normalmente...(LEER LISTA)

- 1 MUY FÁCIL
- 2 ALGO FÁCIL
- 3 NADA FÁCIL
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q44 ¿Qué le resulta difícil de ajustar el asiento de seguridad niño/niña para coche al vehículo?  
ENCUESTADOR/ENCUESTADORA: (NOTAR AL PIE DE LA LETRA LAS RESPUESTAS SOBRE SEGURIDAD JUNTO A Q44 Y LUEGO ANOTAR "1" PARA CONTINUAR)

- 1 Acomodar el cinturón de seguridad en el agujero/aro del asiento del auto
- 2 Engancharlo/sujetarlo al asiento/abrocharlo
- 3 Ajustar el cinturón de seguridad asegurándose de que está suficientemente apretado
- 4 No hay suficiente espacio para maniobrar/El diseño del asiento trasero lo hace torpe
- 5 Tengo que poner la mano/el brazo por atrás del asiento para niños para sujetarlo
- 6 Otro (Especificar \_\_\_\_\_)
- 8 (VOL) No sabe/no está seguro
- 9 (VOL) No responde

Q46 ¿Ha conducido alguna vez con el niño/la niña en el asiento para coche y más tarde se ha dado cuenta de que el asiento para coche no estaba ajustado de manera segura?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

- Q46a ¿Por qué ocurrió esto?
- 1 Lo olvidé/no estaba prestando atención/descuido
  - 2 Difícil de sujetarlo de manera suficientemente apretada
  - 3 Asiento puesto por el cónyuge/otra persona que no lo colocó correctamente
  - 4 Se cambió el asiento del auto a otro auto/dentro del mismo auto
  - 5 El niño sabe cómo desabrocharlo él mismo
  - 6 Otro niño aflojó accidentalmente el asiento para bebés
  - 7 Otro (Especificar \_\_\_\_\_)
  - 8 (VOL) No sabe/no está seguro
  - 9 (VOL) No responde
- Q46b Cuando ajusta al asiento de niño/niña para coche a su ..... ¿utiliza el cinturón de seguridad en el/la ..... para ajustar el asiento de niño/niña para coche o utiliza otra cosa para ajustar el asiento para coche al vehículo?
- 1 Utiliza el cinturón de seguridad
  - 2 Utiliza otra cosa
  - 8 (VOL) No sabe
  - 9 (VOL) Rechazada
- Q46c ¿Qué utiliza usted para ajustar el asiento de niño/niña para coche a su .....?
- 1 Respondió
  - 8 (VOL) No sabe
  - 9 (VOL) Rechazada
- Q46d Algunos asientos de niño/niña para coche tienen una cinta por la parte TRASERA del asiento para coche, cerca de la parte superior. Esta cinta o tether está diseñada para ajustar a un vehículo a motor detrás del asiento del coche cuando el niño/la niña está sentado/sentada mirando hacia delante. ¿Tiene el asiento de niño/niña para coche que utiliza usted con ..... este tipo de tether por detrás ?
- 1 Sí
  - 2 No
  - 8 (VOL) No sabe
  - 9 (VOL) Rechazada
- Q46e Cuando el/la niño/niña de ..... años monta en el asiento de niño/niña para coche, ¿con qué frecuencia está la tether ajustada al vehículo a motor? ¿Diría que la tether está ajustada al vehículo a motor en....(**LEER LISTA**)
- 1 Todos los viajes en que el niño/la niña monta en el asiento para coche,
  - 2 La mayoría de los viajes,
  - 3 Algunos viajes, o
  - 4 Ningún viaje?
  - 8 (VOL) No sabe
  - 9 (VOL) Rechazada



- Q46f Cuando el niño/la niña está montado/montada en el asiento de niño/niña para coche y la tether no está ajustada al vehículo a motor, ¿cuáles son las razones por las que la tether no está ajustada? **(NO LEER LISTA; ANOTACIÓN MÚLTIPLE)**
- 1 No hay sitio en el vehículo para sujetar la tether
  - 2 No sabe cómo sujetar la tether
  - 3 Otra (ESPECIFICAR)
  - 4 No se requiere/necesita
  - 5 No quiere molestarse
  - 6 El cinturón de seguridad es suficientemente bueno
  - 7 Lo olvidé
  - 8 (VOL) No sabe
  - 9 (VOL) Rechazada
- Q47 ¿Le resulta fácil abrochar correctamente a su niño/niña en el asiento de niño/niña para coche? **(LEER LISTA)**
- 1 MUY FÁCIL
  - 2 ALGO FÁCIL
  - 3 NADA FÁCIL
  - 4 (VOL) El niño/la niña se abrocha solo/sola
  - 8 (VOL) No sabe
  - 9 (VOL) Rechazada
- Q48 ¿Qué le resulta difícil al abrochar a su niño/niña al asiento de niño/niña para coche ["Asiento Auxiliar para Niños"]? **(ANOTAR LAS RESPUESTAS AL PIE DE LA LETRA EN SAF JUNTO A Q48, LUEGO ANOTAR "1" PARA CONTINUAR)**
- 1 Difícil de insertar/abrochar
  - 2 Ajustar las correas para hombro para que queden bien/estrechez del asiento
  - 3 La ropa pesada/voluminosa/de invierno hace difícil abrochar al niño
  - 4 El niño no se sienta/se sienta quieto/no coopera/se retuerce
  - 5 Difícil que un adulto pase/se estire hacia la parte posterior del vehículo para abrocharlo
  - 6 Otro (Especificar \_\_\_\_\_)
  - 8 (VOL) No sabe/no está seguro
  - 9 (VOL) No responde
- Q50 Alguna vez su niño de (EDAD) se ha salido del asiento auxiliar para niños mientras usted va manejando?
- 1 Sí
  - 2 No
  - 8 (VOL) No sabe
  - 9 (VOL) Rechazada

Q50a ¿Con qué frecuencia cambia el asiento de niño/niña para coche ["Asiento Auxiliar para Niños"] de un vehículo a motor a otro vehículo a motor? ¿Diría usted que cambia el asiento de niño/niña para coche ["Asiento Auxiliar para Niños"] de un vehículo a motor a otro casi todos los días, varios días a la semana, varios días al mes, varios días al año o nunca?

- 1 Casi todos los días/todos los días
- 2 Varios días por semana
- 3 Varios días al mes
- 4 Varios días al año
- 10 Nunca
- 12 Otra (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

If Q25b = 1 Leer: "Para la siguiente serie de preguntas, voy a indagar acerca de su experiencia con asientos de auto para niños en lugar del asiento auxiliar para niños que actualmente usa usted".

Q51 En muchas comunidades, hay sitios a donde la gente puede ir para que alguien compruebe si están ajustando los asientos de niño/niña para coche y si están abrochando a sus niños/niñas de manera correcta. ¿Ha ido alguna vez a un sitio como estos para que alguien comprobara cómo estaba ajustando el asiento de niño/niña para coche ?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q51a ¿Me podría decir qué tipo de organización o empresa patrocinó la prueba del asiento de niño/niña para coche a la que fue?

- 1 Concesionario de coches
- 2 Fabricante de coches
- 3 El estado o condado
- 4 Unidades de bombero o de rescate
- 5 Otra (ESPECIFICAR)
- 6 Almacén minorista
- 7 Hospital/centro médico/de salud
- 8 Organización de beneficencia/organización de servicio comunitario/AAA/interés público
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q51b ¿Cómo se enteró de la prueba del asiento de niño/niña para coche al que fue?  
(NO LEER LISTA; ANOTACIÓN MÚLTIPLE)

- 1 Me enteré por la televisión
- 2 Me enteré por la radio

- 3 Lo leí en un periódico local
- 4 Alguien que conozco me lo dijo
- 5 Sitio Web/Internet
- 6 Otra (ESPECIFICAR)
- 7 Volantes
- 8 Lo vi/pasé conduciendo cerca
- 9 En el trabajo
- 10 Aviso en el camino/fuera
- 11 Consultorio médico/Hospital
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q51c ¿Encontró la persona que comprobó su asiento para coche que había algo mal en la manera en que usted había ajustado el asiento o abrochado a su niño/niña?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q51d ¿Sugirió algo la persona que comprobó el asiento para coche que usted hiciera algo de manera diferente de como ajusta el asiento o abrocha a su niño/niña?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q51e ¿Qué sugirió que hiciera diferentemente?

**(ANOTAR LA RESPUESTA AL PIE DE LA LETRA EN SAF JUNTO A Q51e Y MARQUE LA ANOTACIÓN "1", SI NO MARQUE LA ANOTACIÓN "98" SI NO SABE; ANOTACIÓN "99" PARA RECHAZADA)**

- 1 Apretar más el cinturón de seguridad/Más presión en el cinturón de seguridad
- 2 Colocar rodilla/peso en un asiento de auto para asegurarlo más
- 3 Usé espuma/toalla/algo detrás/debajo para asegurarlo más
- 4 Ajustar las correas para el niño
- 5 Otro (Especificar \_\_\_\_\_)

Q51f Durante la comprobación del asiento para coche, ¿se le dio la oportunidad de practicar el ajustar el asiento y abrochar al niño/a? ¿O pasó todo el tiempo observando a alguien comprobar el asiento y mostrarle cómo ajustarlo?

- 1 Se me dio oportunidad para practicar
- 2 Pasé todo el tiempo observando
- 3 Otra (ESPECIFICAR)
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

- Q51g Antes de dejar la comprobación del asiento para coche, ¿quién fue la última persona en ajustar el asiento para coche? ¿Fue usted o la persona que comprobó los asientos?
- 1 Usted (quien responde)
  - 2 La persona que comprueba los asientos
  - 3 Otra persona (ESPECIFICAR)
  - 8 (VOL) No sabe
  - 9 (VOL) Rechazada
- Q51h (Cuál de las siguientes afirmaciones describe mejor cómo se sintió al salir del sitio de comprobación de asientos para coche? **(LEER LISTA)**)
- 1 Me sentí más confuso/confusa cuando me fui que cuando llegué
  - 2 Sintió que no había aprendido nada que usted no supiera ya
  - 3 Sintió que usted había aprendido a hacer un mejor trabajo al sujetar y abrochar a su niño/niña, pero seguía inseguro/insegura de poder hacer todo correctamente,
  - 4 Me sentí completamente seguro de que podía ajustar y abrochar a su niño/niña de manera segura por sí mismo/misma
  - 8 (VOL) No sabe
  - 9 (VOL) Rechazada
- Q51i Cuando usted se fue, ¿sobre qué se sentía más inseguro?  
**(ANOTAR LA RESPUESTA AL PIE DE LA LETRA EN SAF JUNTO A Q51i Y MARQUE LA ANOTACIÓN "1", SI NO MARQUE LA ANOTACIÓN "98" SI NO SABE; ANOTACIÓN "99" PARA RECHAZADA)**
- 1 Respondió
  - 8 (VOL) No sabe
  - 9 (VOL) Rechazada
- Q51j Recientemente, se ha diseñado una nueva manera de ajustar los asientos de niño/niña para coche llamada LATCH. Eso significa Tether Y Anclajes inferiores para niños/niñas. Antes de hoy, ¿había oído hablar alguna vez de LATCH?
- 1 Sí
  - 2 No
  - 8 (VOL) No sabe
  - 9 (VOL) Rechazada
- Q51l ¿Ha utilizado alguna vez un sistema LATCH en su asiento de niño/niña para coche?
- 1 Sí
  - 2 No
  - 8 (VOL) No sabe
  - 9 (VOL) Rechazada

Q51m ¿Tuvo alguna dificultad ajustando el sistema de asiento para coche LATCH a un vehículo a motor?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q51n ¿Qué dificultades tuvo?

**(ANOTAR LA RESPUESTA AL PIE DE LA LETRA EN SAF JUNTO A Q51n Y MARQUE LA ANOTACIÓN "1", SI NO MARQUE LA ANOTACIÓN "98" SI NO SABE; ANOTACIÓN "99" PARA RECHAZADA)**

- 1 Respondió
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q52 Por favor, responda sí o no a cada una de las siguientes afirmaciones. Cuando mi (RCHILD) no monta en el asiento de niño/niña para coche ["Asiento Auxiliar para Niños"], es a veces porque... )

Q52\_1 a. [he/she] ES DEMASIADO GRANDE

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q52\_2 b.

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q52\_3 c. [he/she] NO SE QUEDA DENTRO

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q52\_4 d. NO HAY SITIO EN EL COCHE PARA EL ASIENTO

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q52\_5 e. [he/she] SÓLO ESTARÁ EN EL COCHE UN RATO CORTO

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q52\_6 f. TENEMOS PRISA

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q52\_7 g. EL ASIENTO DE NIÑO/NIÑA PARA COCHE NO ESTÁ DISPONIBLE

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q52h ¿Hay alguna otra razón por la que (HE/SHE) no se monta en el asiento de niño/niña para coche ["Asiento Auxiliar para Niños"]?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q52HOE ¿Qué otras razones? (Por las que el niño/la niña no se monta en el asiento de niño/niña para coche)

Q53 Cuando el/la ..... no monta en el asiento de niño/niña para coche ["Asiento Auxiliar para Niños"]al ir con usted, ¿se sienta (HE/SHE) normalmente en el regazo de alguien?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q54 Cuando el/la ..... no monta en el asiento de niño/niña para coche ["Asiento Auxiliar para Niños"]al ir con usted, ¿se sienta (HE/SHE) normalmente en el asiento delantero o en el asiento trasero?

- 1 Asiento delantero
- 2 Asiento trasero
- 3 (Vol) En la parte trasera de un coche familiar o camioneta
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q55 Cuando el/la ..... no monta en el asiento de niño/niña para coche ["Asiento Auxiliar para Niños"]al ir con usted, ¿con cuánta frecuencia tiene %HESHE% el cinturón de seguridad abrochado?  
(LEER LISTA)

- 1 TODAS LAS VECES
- 2 LA MAYORÍA DE LAS VECES
- 3 ALGUNAS VECES
- 4 RARAMENTE O
- 5 NUNCA
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q56 El cinturón de seguridad que se pone normalmente el niño/la niña, ¿va por el hombro solamente, por el regazo solamente o por el hombro y por el regazo?

- 1 Por el hombro
- 2 Por el regazo
- 3 Por ambos
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q57 Por favor dígame sí o no si las siguientes cosas pasan cuando el/la (RCHILD) lleva el cinturón de seguridad mientras monta en un vehículo a motor. En la mayoría de los viajes,.....?

Q57\_1 (a) ¿Va el cinturón del hombro va por el cuello o cara del niño/de la niña?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q57\_2 (b) ¿Va el cinturón del regazo por la parte superior de los muslos o caderas del niño/de la niña?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q57\_3 (c) ¿Va el cinturón del regazo por el estómago del niño/de la niña?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q57\_4 (d) ¿El niño/la niña puso el cinturón del hombro por detrás de él/ella?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q57\_5 (e) ¿El niño puso el cinturón de hombro bajo su/su brazo?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q57\_6 (f) ¿Las piernas del niño se agachan la orilla del asiento?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q58 En general, ¿a qué edad cree que un niño/una niña está listo/lista para empezar a llevar cinturón de seguridad en vez de utilizar algún tipo de asiento de niño/niña para coche?

\_\_\_\_\_ [RANGO = 1 A 12; OTRO = 13; No sabe = 98; Rechazada = 99]

Q59 Por favor, responda sí o no a cada una de las siguientes afirmaciones para indicar si esta es la razón por la que el/la (RCHILD) no monta en un asiento de niño/niña para coche.

Q59\_1 Mi ..... no monta en asiento de niño/niña para coche porque...

a. [he/she] NO TIENE

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

b. [he/she] ES DEMASIADO GRANDE

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

c. [he/she] NO LE GUSTA



- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

d. [he/she] NO SE QUEDA DENTRO

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

e. [he/she] UTILIZA CINTURÓN DE SEGURIDAD

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

f. NO HAY SITIO SUFICIENTE EN EL COCHE

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

g. LA LEY NO LO OBLIGA PARA EL TAMAÑO Y EDAD DEL NIÑO/DE LA NIÑA

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

h. [he/she] ES DEMASIADO MAYOR

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q59i ¿Hay alguna otra razón por la que [he/she] no monte en un asiento de niño/niña para coche?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q59i ¿Qué otras razones? (Para que el niño/la niña no se monte en un asiento de niño/niña para coche)

---

Q59j ¿Hay alguna razón en particular por la que no tiene uno?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q59j1 ¿Cuál es esa razón?

- 1 Tiene demasiada edad/tiene la edad para usar cinturón de seguridad
- 2 El niño está por encima del límite de peso/pesa bastante para no usar uno
- 3 El niño es demasiado grande
- 4 El niño ha crecido y no le queda/le queda pequeño
- 5 El niño usa cinturón de seguridad (sin mencionar tamaño, peso, etc.)
- 6 La ley no exige que se use uno
- 7 No es necesario/no necesita uno
- 8 Demasiado costoso/no puedo pagarlo
- 9 Otro (Especificar \_\_\_\_\_)
- 98 (VOL) No sabe
- 99 (VOL) No responde

Q60 ¿Dónde se sienta normalmente el/la ..... en el vehículo cuando usted conduce-- en el asiento delantero o en el trasero?

- 1 Asiento delantero
- 2 Asiento trasero
- 3 Aproximadamente igual
- 4 (VOL) Asiento/fila del medio
- 5 AÑADIR LUEGO (5)
- 6 AÑADIR LUEGO (6)
- 7 AÑADIR LUEGO (7)
- 8 AÑADIR LUEGO (8)
- 9 Otra (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q61 ¿Con cuánta frecuencia utiliza [he/she] el cinturón de seguridad? (LEER LISTA)

- 1 TODAS LAS VECES
- 2 LA MAYORÍA DE LAS VECES
- 3 ALGUNAS VECES
- 4 RARAMENTE O
- 5 NUNCA
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q62 El cinturón que normalmente lleva el/la ..... ¿va por el hombro solamente, por el regazo solamente o por el hombro y por el regazo?

- 1 Por el hombro
- 2 Por el regazo
- 3 Por ambos
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q63 Por favor, dígame sí o no si las siguientes cosas pasan normalmente cuando el/la (RCHILD) lleva el cinturón de seguridad mientras en un vehículo a motor.

Q63\_1 En la mayoría de los viajes,...

(a) ¿Va el cinturón del hombro por la cara o cuello del niño/de la niña?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

(b) ¿Va el cinturón del regazo por la parte superior de los muslos o por las caderas?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

(c) ¿Va el cinturón del regazo por el estómago del niño/de la niña?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

(d) ¿Pone el niño/la niña el cinturón del hombro por detrás de él/ella?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

(e) ¿Pone el niño/la niña el cinturón del asiento para el hombro por debajo de su brazo?

- 1 Sí

- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

(f) ¿Se doblan las piernas del niño/de la niña por el borde del asiento?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q64 En general, ¿a qué edad cree que un niño/una niña está preparado/preparada para empezar a llevar el cinturón de seguridad en vez de utilizar algún tipo de asiento para coche?

\_\_\_\_\_

Q65 Antes de hoy, ¿había visto usted u oído hablar de un tipo de asiento para coche llamado asiento de seguridad elevado antes de hoy?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q66 ¿Ha utilizado alguna vez un asiento de seguridad elevado mientras conducía con su (CHILD)?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q66a ¿A qué edad empezó usted a utilizar un asiento de seguridad elevado para su (CHILD)?

\_\_\_\_\_ [RANGO = 0 A 8; Menos de 1 YR = 0; No sabe/Rechazada = 9]

Q66b ¿Aproximadamente cuánto pesaba el/la (CHILD) en el momento en que empezó a utilizar asiento de seguridad elecado? [ANOTAR EN LIBRAS]

\_\_\_\_\_ [No sabe = 998; Rechazada = 999]

Q67 ¿Tiene algún tipo de preocupaciones sobre la seguridad de los asientos de seguridad elevados?

- 1 Sí
- 2 No

- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q67a ¿Cuáles son esas preocupaciones (sobre la seguridad de los asientos de seguridad elevados)?

**(ANOTAR LA RESPUESTA AL PIE DE LA LETRA EN SAF JUNTO A Q67a Y MARQUE LA ANOTACIÓN "1", SI NO MARQUE LA ANOTACIÓN "98" SI NO SABE; ANOTACIÓN "99" PARA RECHAZADA)**

- 1 El asiento no está sujetado de manera segura al asiento del auto/no es estable
- 2 Restricción inadecuada/No sujeta completamente al niño
- 3 El asiento no es seguro
- 4 El niño/bebé podría salirse de él
- 5 Preocupaciones de seguridad/No sé qué tan seguros son
- 6 Qué tan seguros son en comparación con los asientos de seguridad normales
- 7 Qué tan seguros serían en un accidente
- 8 Otro (Especificar \_\_\_\_\_)
- 98 (VOL) No sabe
- 99 (VOL) No responde

Q67b ¿Cuál diría que es la razón MÁS IMPORTANTE para que un niño/una niña utilice un asiento de seguridad elevado? **(NO LEER LISTA)**

- 1 Que el niño/la niña esté más seguro/segura
- 2 Hacer que el cinturón de seguridad ajuste correctamente
- 3 Los profesionales de la salud y de la seguridad lo recomiendan
- 4 Permitir que el niño/la niña vea mejor fuera de la ventana
- 5 Es la ley
- 6 No quiero que me pongan una multa
- 7 (VOL) Otra (ESPECIFICAR)
- 8 Cuando el niño es demasiado grande para asiento de seguridad pero demasiado pequeño para cinturón de seguridad
- 9 Mejor que el cinturón de seguridad
- 10 Mantiene quieto al niño
- 98 (VOL) No sabe
- 99 (VOL) No responde

Q67c ¿Qué hace que el asiento de seguridad elevado para que el niño/la niña esté más seguro/seguro?

**(ANOTACIÓN MÚLTIPLE. NO LEER)**

- 1 Hace que el cinturón de seguridad ajuste correctamente
- 2 Eleva al niño/a la niña
- 3 Mantiene al niño/a la niña en su sitio
- 4 Evita que el niño/la niña salga despedido del vehículo
- 5 (VOL) Otra (ESPECIFICAR)
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q68 ¿Cuando su niño de (EDAD) deje su actual asiento auxiliary para niños; espera usted que el/ella use un asiento de carro auxiliary diferente o cinturón de seguridad solamente?

- 1 Diferente asiento tipo de automóvil
- 2 Asiento auxiliar solamente
- 8 Otro (ESPECIFICAR)
- 9 (VOL) Nada
- 10 (VOL) Asiento de seguridad elevado
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q69 ¿Qué opina personalmente sobre la obligación de la policía de las leyes sobre el uso del cinturón de seguridad? En una escala de a 10, donde 1 significa que la policía casi nunca debería poner multas y 10 significa que la policía debería poner multas por cada infracción de las leyes sobre el uso del asiento de niño/niña para coche, cuán estricta debería ser la obligación de la policía?

LA POLICÍA CASI NUNCA  
LA POLICÍA PONER  
PONER MULTA POR  
MULTA A CADA  
INFRACCIONES  
OPORTUNIDAD

- |    |                 |   |   |   |   |   |   |   |    |
|----|-----------------|---|---|---|---|---|---|---|----|
| 1  | 2               | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 98 | (VOL) No sabe   |   |   |   |   |   |   |   |    |
| 99 | (VOL) Rechazada |   |   |   |   |   |   |   |    |

Q70 ¿Cuál piensa que debería ser la multa mínima por la infracción de las leyes sobre el uso del asiento de niño/niña para coche?

\_\_\_\_\_ [(Rango=1-1000); Sin multa/aviso = 0 ; (VOL) No sabe = 9998;

No responde = 9999]

Q71 ¿Qué opina sobre cuando a los niños/las niñas se les queden pequeños los asientos de niño/niña para coche, incluyendo los asientos de seguridad elevados? ¿Está de acuerdo o en desacuerdo en que se les debería obligar por ley a llevar el cinturón de seguridad al montar en un vehículo?

- 1 De acuerdo
- 2 Depende de la edad
- 3 En desacuerdo
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q72 ¿Qué edad deberían tener los niños/las niñas antes de que no se les obligue por ley a llevar el cinturón de seguridad o piensa que a todos los niños/las niñas se les debería obligar?

\_\_\_\_\_ [EDAD (Rango: 0-21); SE DEBERÍA OBLIGAR A TODOS LOS NIÑOS = 21; 0=NO SE DEBERÍA OBLIGAR A NINGUNA EDAD; (VOL) No sabe = 98; No responde=99]

Q72a Ahora me gustaría hacerle algunas preguntas acerca de enseñar a los adolescentes a conducir. En su opinión, ¿cuál es la edad más temprana en la que se les debería otorgar a los adolescentes un permiso de practicante para conducir?

\_\_\_\_\_ EDAD  
98 (VOL) No sabe  
99 (VOL) No responde

Q72b Si los adolescentes toman un curso de formación en conducción, ¿qué tan importante es que ellos **también tengan** a uno de sus padres o tutor que les enseñe a conducir además de la instrucción del curso? ¿Diría usted que es muy importante, un poco importante o que no es importante?

1 Muy importante  
2 Un poco importante  
3 No es importante  
8 (VOL) No sabe  
9 (VOL) No responde

Q72c ¿Cuántas horas recomendaría usted que un padre o tutor pase enseñando a su hijo adolescente a conducir? ¿Recomendaría usted que un padre o tutor pase más de 50 horas, entre 25 y 50 horas, menos de 25 horas o ninguna hora enseñando a su hijo adolescente a conducir?

1 Más de 50 horas  
2 Entre 25 y 50 horas  
3 Menos de 25 horas  
4 Ninguna hora  
8 (VOL) No sabe  
9 (VOL) No responde

Q72d Cuando **usted** aprendió a conducir, ¿cuántas horas pasaron sus padres enseñándole a conducir. ¿Diría usted que pasaron más de 50 horas, entre 25 y 50 horas, menos de 25 horas o ninguna hora enseñándole a usted a conducir?

1 Más de 50 horas  
2 Entre 25 y 50 horas  
3 Menos de 25 horas  
4 Ninguna hora  
5 (VOL) Un adulto diferente a mis padres me enseñó  
8 (VOL) No sabe  
9 (VOL) No responde

- Q72e En la mayoría de los estados, los adolescentes deben conducir con un permiso de practicante durante un periodo de tiempo requerido, generalmente 6 meses. Después de este periodo, algunos estados permiten a los adolescentes obtener la misma licencia de conducción que obtienen las personas adultas. Otros estados exigen que se otorgue una licencia provisional, la cual tiene normas especiales que los conductores deben seguir, como no conducir de noche.

¿Qué cree usted que es lo mejor **después del permiso de practicante**.....?

- 1 Que los adolescentes obtengan la misma licencia de conducción que los adultos,  
o  
2 Que los adolescentes obtengan una licencia provisional con reglas especiales  
8 (VOL) No sabe  
9 (VOL) No responde

- Q72f Por favor, dígame si usted está de acuerdo, en desacuerdo o no tiene opinión acerca de si una licencia provisional para adolescentes debería incluir las siguientes normas especiales.

	De acuerdo	En desacuerdo	No opina
a. El adolescente No puede conducir sin supervisión después de las 9:00 p.m	1	2	3
b. El adolescente tiene restricción sobre el número de pasajeros adolescentes cuando está conduciendo	1	2	3
c. El adolescente NO puede usar teléfono celular mientras conduce	1	2	3
d. El adolescente debe conducir por lo menos un año sin violaciones en su registro de conducción antes de obtener la licencia regular de adulto	1	2	3
e. El adolescente debe usar cinturón de seguridad todo el tiempo mientras conduce	1	2	3

Ahora me gustaría hacerle unas preguntas sobre los airbags.

- Q73 ¿Tiene el/la [ctv] que conduce [drive] normalmente airbag?

- 1 Sí  
2 No  
8 (VOL) No sabe  
9 (VOL) Rechazada

- Q74 ¿Tiene ese/esa [ctv] un airbag delante del conductor/de la conductora?

- 1 Sí  
2 No  
8 (VOL) No sabe  
9 (VOL) Rechazada



Q75 ¿Tiene ese/esa [ctv] un airbag en frente de donde se sentaría un pasajero/una pasajera en el asiento delantero?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q75a ¿Hay un airbag en algún otro sitio en ese/esa [ctv]?  
(SI Sí: ¿Dónde?) ¿Dónde más? (**ANOTACIÓN MÚLTIPLE; LEER SI ES NECESARIO**)

- 1 En las puertas del coche, al lado del asiento delantero
- 2 En las puertas del coche, al lado del asiento trasero
- 3 En la cortina descendiente de encima de las puertas delanteras
- 4 En la cortina descendiente de encima de las puertas traseras
- 5 En el mismo asiento delantero
- 6 En el mismo asiento trasero
- 7 AÑADIR LUEGO (7)
- 8 AÑADIR LUEGO (8)
- 9 Sí, pero no sé dónde
- 10 Otro (ESPECIFICAR)
- 11 No
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q76 ¿Según lo que sabe o ha oído, ¿cuán probable es que un adulto que esté sentado en el asiento delantero sufra daños por un airbag al abrirse normalmente? Es ... (**LEER**)?

- 1 Muy probable sufrir daños
- 2 Algo probable sufrir daños
- 3 Algo improbable sufrir daños, o
- 4 Muy improbable sufrir daños
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q76a ¿Según lo que sabe o ha oído, cuán probable es que un adulto que está, sentado en el asiento delantero sufra daños por un airbag al abrirse normalmente? Es ... (LEER)?

- 1 Muy probable sufrir daños
- 2 Algo probable sufrir daños
- 3 Algo improbable sufrir daños, o
- 4 Muy improbable sufrir daños
- 5 (VOL) No sabe
- 6 (VOL) Rechazada

Q76b ¿Basado en lo que usted sabe o ha oído, cuán probable es que un adulto que se sienta en el asiento anterior y no lleva un cinturón del asiento sería herido por un airbag o una bolsa aérea cuando abre normalmente?

- 1 Muy probable sufrir daños
- 2 Algo probable sufrir daños
- 3 Algo improbable sufrir daños, o
- 4 Muy improbable sufrir daños
- 5 (VOL) No sabe
- 6 (VOL) Rechazada

Q77 ¿Es muy probable que un niño/niña pequeño/pequeña que esté sentado/sentada en el asiento delantero sufra daños por un airbag al abrirse? Es... (LEER LISTA)

- 1 Muy probable sufrir daños
- 2 Algo probable sufrir daños
- 3 Algo improbable sufrir daños, o
- 4 Muy improbable sufrir daños
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q78 ¿Ha visto u oído usted algún aviso sobre airbags?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q79 ¿Qué aviso sobre la seguridad de los airbags ha visto u oído? ¿Algo más? [NO LEER LISTA. ANOTACIÓN MÚLTIPLE]

- 1 Los airbags pueden matar a los niños/las niñas/adultos pequeños
- 2 El asiento trasero es más seguro para los niños/las niñas
- 3 Nunca ponga a los niños/las niñas mirando hacia atrás en el asiento delantero
- 4 Siéntese lo más lejos posible del airbag
- 5 Los airbags pueden lesionarlo
- 6 Le pusieron restricciones/amonestaciones sobre peso/altura/edad

- 7 Siempre usar su cinturón de seguridad con airbag
- 8 Los airbags pueden quemar/los químicos pueden causar daños
- 9 Apagar los airbags si hay niños/adultos jóvenes en el asiento delantero
- 10 Fuerza/impacto/velocidad del airbag
- 11 Los airbags se despliegan accidentalmente
- 12 Otro (ESPECIFICAR)
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q80 ¿Hay avisos sobre la seguridad de los airbags en el/la ..... que usted conduce normalmente?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q81 En el/la ....., ¿dónde están las etiquetas de aviso?  
[NO LEER LISTA. ANOTACIÓN MÚLTIPLE.]

- 1 Protector solar
- 2 Salpicadero
- 3 Manual del propietario
- 4 Guantero
- 5 Puerta interior/panel de puerta
- 6 Volante
- 7 Otro (ESPECIFICAR)
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q91 Ahora me gustaría hacerle varias preguntas sobre un asunto sobre el que puede que no sepa mucho . ¿Puede decirme qué significan las iniciales "EMS"?

- 1 Sí, servicio/EMS
- 2 Sí, respuesta errónea
- 3 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q91b Otra respuesta a los que significa "EMS".

---

Muchas personas no lo saben, pero ems significa servicios medicos de emergencias ( por sus siglas en ingles). Llos servicios medicos de emergencia incluye a todas las personas de su comunidad que responden a emergencias medicas , tales como ambulancias, grupos de rescate y servicios de emergencias en los hospitales.

Q92a1 En su opinión, ¿son los servicios médicos de emergencia más importantes, igual de importantes o menos importantes para su comunidad que los servicios que proporciona el departamento de policía?

- 1 Más importantes
- 2 Igual de importantes
- 3 Menos importantes
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q92a2 En su opinión, ¿son los servicios médicos de emergencia más importantes, igual de importantes o menos importantes para su comunidad que los servicios que proporciona el departamento de bomberos?

- 1 Más importantes
- 2 Igual de importantes
- 3 Menos importantes
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q93 Si hubiera una emergencia médica en su vecindario y llamara a una ambulancia, ¿cuánto tiempo cree que tardaría en llegar la ambulancia?

\_\_\_\_\_ [(ANOTAR MINUTOS): (Rango: 1-60)  
MÁS DE UNA HORA=61 ; No sabe=98; Rechazada=99]

Q94 Independientemente del tipo de emergencia médica, ¿cuán confiado está usted de que la ambulancia u otros trabajadores de emergencias sabrán qué hacer?

**(LEER LISTA)**

- 1 MUY SEGURO/SEGURA
- 2 ALGO SEGURO/SEGURA, O
- 3 NO SEGURO/SEGURA
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q95 ¿Ha llamado usted personalmente alguna vez al 911 o a otro número de emergencia pidiendo ayuda?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q95a ¿Cuánto tiempo hace que ocurrió eso (la última vez)?

- 1 Hoy
- 2 Durante la semana pasada
- 3 Durante el mes pasado
- 4 En los últimos 12 meses
- 5 Hace un año o más
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q95b ¿Llamó a la policía, los bomberos, una ambulancia o a algo diferente?  
[ANOTACIÓN MÚLTIPLE]

- 1 Policía
- 2 Departamento de bomberos
- 3 Ambulancia
- 4 Grupo de rescate
- 5 Servicios médicos de emergencia
- 6 Control de intoxicaciones
- 7 Otro (ESPECIFICAR)
- 8 (VOL) No sabía que 911 era el apropiado
- 98 (VOL) No sabe
- 99 (VOL) Rechazada

Q96a1 ¿Llamó usted de un teléfono que estaba unido a la pared o a una salida? ¿O llamó usted de un teléfono inalámbrico, como un teléfono celular?

- 1 Conectado a la pared
- 2 Inalámbrico
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q96a2 Si usted utilizara un teléfono celular para llamar al 911 por una emergencia en su comunidad, ¿puede el Centro de Atención Telefónica del 911 identificar su NÚMERO TELEFÓNICO sin que usted se lo diga?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q96a3 Si usted utilizara un teléfono celular para llamar al 911 por una emergencia en su comunidad, ¿puede el Centro de Atención Telefónica del 911 identificar su UBICACIÓN sin que usted se la diga?

- 1 Si
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q96b Las comunidades pagan por los servicios de llamada al 911 a través de tarifas o impuestos cobrados al público. ¿Estaría usted dispuesto o poco dispuesto a pagar más de lo que usted paga actualmente por los servicios de llamada al 911 para ubicar más fácilmente a las personas que llaman?

- 1 Dispuesto a pagar más
- 2 Poco dispuesto a pagar más
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q96c ¿Cuánto más estaría usted dispuesto a pagar por año por servicios de llamada al 911? ¿Estaría usted dispuesto a pagar menos de \$5 más, entre \$5 y \$10 más, entre \$10 y \$20 más o más de \$20 más por año?

- 1 Menos de \$5 más
- 2 Entre \$5 y \$10 más
- 3 Entre \$10 y \$20 más
- 4 Más de \$20 más
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q96d Las comunidades utilizan otros impuestos y tarifas cobrados al público para pagar los sistemas de servicios médicos de emergencia, los cuales incluyen ambulancias, grupos de rescate y servicios de emergencia hospitalarios. ¿Estaría usted dispuesto o poco dispuesto a pagar más de lo que usted paga actualmente para el sistema de servicios médicos de emergencia de su comunidad para mejorar los equipos y la capacitación de los servicios médicos de emergencia?

- 1 Dispuesto a pagar más
- 2 Poco dispuesto a pagar más
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q96e ¿Cuánto más estaría usted dispuesto a pagar por año para el sistema de servicios médicos de emergencia de su comunidad? ¿Estaría usted dispuesto o poco dispuesto a pagar menos de \$5 más, entre \$5 y \$10 más, entre \$10 y \$20 más o más de \$20 más por año?

- 1 Menos de \$5 más
- 2 Entre \$5 y \$10 más
- 3 Entre \$10 y \$20 más
- 4 Más de \$20 más
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q97A Suponiendo que fuera a un precio razonable y en una ubicación conveniente, ¿qué tan interesado estaría usted en tomar una capacitación para ser proveedor de servicios médicos de emergencia?

- 1 Muy interesado
- 2 Un poco interesado
- 3 Nada interesado

- 4 (VOL) Ya tengo capacitación en servicios médicos de emergencia
- 5 (VOL) Depende
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q104 Cuando conduce un vehículo a motor, ¿lleva habitualmente un teléfono radiofónico de algún tipo en el vehículo con usted? Este podría ser un teléfono de coche, un celular, un teléfono PCS, un teléfono GSM o un teléfono por satélite.

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q.105 ¿Cuando usted maneja, a menudo cómo usted diría usted mantiene el tel,fono prendiç para que usted pudiera recibir las llamadas? ¿H galo dice que usted mantiene el tel,fono prendiç durante.....?

- 1 En todos los viajes
- 2 En la mayoría de los viajes
- 3 Aproximadamente en la mitad de los viajes
- 4 Menos de la mitad de los viajes, o
- 5 Nunca
- 6 (VOL) No sabe
- 7 (VOL) Rechazada

Q105a ¿Cuando recibe una llamada telefónica mientras conduce, ¿con qué frecuencia responde a la llamada? Diría que usted siempre, normalmente, raramente o nunca responde una llamada mientras conduce?

- 1 Siempre
- 2 Normalmente
- 3 Raramente
- 4 Nunca
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q106 ¿Con cuánta frecuencia habla por teléfono mientras conduce? Diría que usted está al teléfono mientras conduce en.....?

- 1 En todos los viajes
- 2 En la mayoría de los viajes
- 3 Aproximadamente en la mitad de los viajes
- 4 Menos de la mitad de los viajes, o
- 5 Nunca
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q106a Cuando usted habla por teléfono mientras que conduce, ¿tiende a sostener el teléfono con su mano o tiende a utilizar el manos libres?

- 1 Sujeta el teléfono
- 2 Utiliza el manos libres
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q106b ¿Utiliza siempre el manos libres cuando habla por teléfono mientras conduce o a veces sujeta el teléfono con la mano al conducir y hablar por teléfono?

- 1 Siempre utiliza el manos libres
- 2 A veces utiliza el manos libres
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q106c Cuando está hablando por teléfono mientras conduce, ¿lleva normalmente audífono o auricular para hablar, utiliza normalmente un teléfono con altavoz o normalmente utiliza otra cosa para hablar?

- 1 Audífono/auricular
- 2 Teléfono con altavoz
- 3 Sólo el teléfono
- 4 Otra cosa (ESPECIFICAR)
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q106d ¿Cuando se pone normalmente el auricular/auricular? ¿Se pone normalmente el audifono/auricular antes de empezar a conducir, se los pone mientras conduce o se los pone normalmente al parar temporalmente?

- 1 Antes de empezar a conducir
- 2 Mientras conduce
- 3 Al parar temporalmente
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q106e Cuando está conduciendo y quiere marcar el teléfono, ¿tiende a marcar el teléfono mientras está conduciendo, intenta marcar el teléfono mientras está PARADO TEMPORALMENTE o intenta parar y detener el vehículo a motor antes de marcar?

- 1 Mientras conduce
- 2 Al parar temporalmente
- 3 Para y se detiene
- 4 (VOL) Nunca marco
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q107 ¿En su estado hay alguna ley por la cual sea ilegal hablar por teléfono celular utilizando la mano mientras se conduce?



- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q108 ¿Ha utilizado alguna vez un teléfono de coche o teléfono celular u otro tipo de teléfono inalámbrico para informar de una emergencia mientras conducía o montaba en un vehículo motocicleta?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q109 ¿Sobre qué llamada de emergencia llamó?

- 1 Auto varado en la carretera/avería/vehículo descompuesto
- 2 Conductor ebrio
- 3 Accidente automovilístico/colisión/choque/estrellada
- 5 Conductor imprudente/agresivo
- 6 Restos y escombros en la vía
- 7 Animal golpeado/arrollado
- 8 Fuego
- 10 Emergencia médica
- 11 Comportamiento criminal
- 12 Incendio vehicular
- 13 Otro (Especificar \_\_\_\_\_)
- 98 (VOL) No sabe
- 99 (VOL) No responde

Q99 Supongamos que usted va conduciendo y ve que ocurre un accidente y no hay nadie en la escena para ayudar. ¿Qué preocupaciones tendría usted para detenerse y ayudar? ¿Algo Ma's?

- 1 No tengo preocupaciones
- 2 Procesos judiciales/responsabilidades
- 3 No sabría qué hacer/cómo ayudar
- 4 Truco para hacerlo detener
- 5 Causar más lesiones a la víctima
- 6 Seguridad personal
- 7 Seguridad de mis hijos/pasajeros
- 8 Qué tan lesionada puede estar la víctima/gravedad de la lesión
- 13 Otro (ESPECIFICAR \_\_\_\_\_)
- 14 No me gusta ver muertos/cuerpos mutilados
- 15 No soy físicamente apto para ayudar/demasiado viejo para ayudar
- 98 (VOL) No sabe
- 99 (VOL) No responde

Q110 ¿Ha sufrido USTED heridas en un accidente de vehículo a motor? Cuento solamente las heridas que necesitaron atención médica.

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q110a ¿Ha sufrido USTED alguna herida en un accidente de vehículo a motor en el que usted era pasajero/pasajera o ha sido usted golpeado/golpeada y lesionado/lesionada por un vehículo a motor mientras caminaba o montaba en bicicleta? Cuento solamente las heridas daños que necesitaron atención médica.

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q111 ¿Cuántas veces le ha ocurrido esto?  
[No sabe=98; Rechazada=99]

Q112 ¿Hace cuánto tiempo que pasó %Q112TXT% accidente?  
[EN EL ÚLTIMO AÑO=0; NO SABE=98; RECHAZADA=99]  
[ANOTAR EL NÚMERO DE AÑOS]

Q113 ¿Era usted conductor/conductora o pasajero/pasajera en ese accidente?

- 1 Conductor/conductora
- 2 Pasajero/pasajera
- 3 (VOL) Peatón
- 4 (VOL) Ciclista
- 5 Otro (ESPECIFICAR)
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q114 ¿Llevaba el cinturón de seguridad abrochado en el momento del accidente?

- 1 Sí
- 2 No
- 3 (VOL) No sabe
- 4 (VOL) Conductor/conductora/pasajero/pasajera de motocicleta

Q115 ¿En cuál de los siguientes recibió tratamiento para sus heridas?'

Q115\_1 ¿Recibió tratamiento en ...(LEER LISTA)?

(a) Sala de urgencias de un hospital

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

(b) La consulta de un doctor

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

(c) Una clínica

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

(d) En el lugar del accidente

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

(e) Otro sitio

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q116 ¿Se le transportó desde el lugar del accidente en ambulancia o en helicóptero?

- 1 Sí, ambulancia (o vehículo de rescate)
- 2 Sí, helicóptero
- 3 No, ninguno
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q117 ¿Estuvo hospitalizado/hospitalizada?

- 1 Sí

- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q117a ¿Cuánto tiempo estuvo hospitalizado/hospitalizada?

- 1 Respondió en DÍAS
- 2 Respondió en HORAS
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

(Q117a1 ¿Cuánto tiempo estuvo hospitalizado/hospitalizada?)  
[ANOTAR DÍAS (0-365)]

(Q117a2 ¿Cuánto tiempo estuvo hospitalizado/hospitalizada?)  
[ANOTAR HORAS (0-23)]

Q118 ¿Recibió usted algún tratamiento continuado o de seguimiento para sus heridas?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q118a ¿Dónde recibió este tratamiento de seguimiento?

Q118A\_1 ¿Fue en..... La consulta de un doctor?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q118A\_2 ¿Fue en..... En la consulta de un fisioterapeuta?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q118A\_3 ¿Fue en..... Una clínica?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q118A\_4 ¿Fue en..... Un hospital

- 1 Sí

- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q118A\_5 ¿Fue en.....? Otro sitio?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q118a (¿Dónde recibió este tratamiento de seguimiento?)

(Q118a ¿Dónde recibió este tratamiento de seguimiento? ¿Fue en otro sitio?)  
[ANOTAR OTRO ESPECIFICAR]

Q119 ¿Le impidieron los daños de ese accidente el realizar alguna de sus actividades normales (trabajo, clases, trabajo doméstico) durante al menos una semana?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q119a ¿Hubo alguna actividad que fuera incapaz de efectuar debido a sus daños incluso un año después del accidente?

- 1 Sí
- 2 No
- 3 Pasó hace menos de 1 año
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q120 ¿Ha sufrido alguna vez daños de un accidente de tráfico de vehículos que le hayan impedido realizar alguna de sus actividades normales (trabajo, clases, trabajo doméstico) durante al menos una semana?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q120a ¿Hubo actividades que no pudo desarrollar debido a los daños incluso un año después del accidente?

- 1 Sí

- 2 No
- 3 Pasó hace menos de 1 año
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q120b ¿Ha sufrido daños causados por un accidente de tráfico que le impidiese hacer cualquiera de sus actividades normales (trabajo, clases, trabajo casero un año después del accidente)?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Ahora me gustaría hacerle una preguntas sobre usted y luego habremos terminado.

Q128 ¿Qué edad tiene?  
[EDAD RECHAZADA=99]

Q130 ¿Se considera usted hispano/hispana o latino/latina?

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q131 ¿Cuál de los siguientes grupos raciales le describe a usted? Puede seleccionar más de uno.  
**LEER LA LISTA Y ANOTACIÓN MÚLTIPLE**

- 1 Indio/india americano/americana o nativo/nativa de Alaska
- 2 Asiático/asiática
- 3 Negro/negra o afroamericano/afroamericana
- 4 Nativo/nativa de Hawaii o de otra isla del Pacífico
- 5 Blanco/blanca
- 6 Hispano/latino (VOL)
- 7 Otro (ESPECIFICAR)
- 9 (VOL) Rechazada

Q131 ¿Cuál de las categorías raciales siguientes le describe a usted? Puede seleccionar más de una.  
(MENCIONAR NÚMERO....)

Q133 ¿Cuál es el curso más alto académico que ha completado?

- 8 Octavo grado o menos
- 9 Noveno grado

- 10 Décimo grado
- 11 Undécimo grado
- 12 Duodécimo grado/instituto
- 13 Algo de universidad
- 14 Graduado/graduada de universidad o más alto
- 99 (VOL) Rechazada

Q134 ¿Cuál de las siguientes categorías define mejor los ingresos totales de su casa antes de impuestos en 2002? (Incluir los ingresos de todas las personas de la casa.) Los ingresos totales de su casa fueron de **[LEER LISTA]**

- 1 Menos de 5.000 dólares
- 2 5.000 a 14.999 dólares
- 3 15.000 a 29.999 dólares
- 4 30.000 a 49.999 dólares
- 5 50.000 a 74.999 dólares
- 6 75.000 a 99.999 dólares
- 7 100.000 dólares o más
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q136 Sin incluir buscapersonas y localizadores, ¿tiene más de un número de teléfono en su casa en los que pueda recibir llamadas telefónicas entrantes?

- 1 Sí
- 2 No
- 9 (VOL) Rechazada

Q136a ¿Cuántos números de teléfono distintos tiene usted en esta residencia en los que puede recibir normalmente llamadas telefónicas entrantes?

\_\_\_\_\_ [10 O MÁS=10; No sabe=98; Rechazada=99]

Q136b ¿Visitó usted la D. O. T. sitio web para averiguar más información acerca de la inspección? (en [www.nhtsa.dot.gov](http://www.nhtsa.dot.gov))

- 1 Sí
- 2 No
- 8 (VOL) No sabe
- 9 (VOL) Rechazada

Q138 POR OBSERVACIÓN, ANOTE EL SEXO DE QUIEN RESPONDE

- 1 Hombre
- 2 Mujer

Q139 LA ENCUESTA SE REALIZÓ EN:

- 1 Inglés
- 2 Español

QEND

Esas son todas las preguntas que tengo para usted hoy.

=====

=

ENCUESTADOR/ENCUESTADORA: AGRADECER Y TERMINAR. ANOTAR INICIALES

=====

=



DOT HS 810 974  
August 2008



U.S. Department  
of Transportation  
**National Highway  
Traffic Safety  
Administration**

★★★★★  
**NHTSA**  
[www.nhtsa.gov](http://www.nhtsa.gov)