**Texas
Department
of Transportation**

El Paso Urban Transportation Study

# 2010-11
# Regional Household
# Activity/Travel Survey
Summary Report

December 2011

*Prepared by*

**etc** Institute

# Contents

**<u>APPENDICES</u>**

## *Overview*

The Household/Activity Travel Survey for the El Paso area consisted of households in El Paso County and a small portion of the state of New Mexico. The primary objective for the survey was to gather accurate travel and activity data from residents living in the region. The results of the survey will be used to update regional travel demand models. A wide range of data was gathered, including:

- trip production rates by trip purpose

- trip distribution by time of day

- trip length frequency distribution

- modal share of travel

- auto occupancies

- vehicle operating speeds

The survey for the El Paso Urban Transportation Study (EUTS) consisted of households in the El Paso Metropolitan Planning Organization (MPO) study area. This report describes the sampling methodology that was used for the El Paso MPO study area and includes data in the trip table and appendices for respondents from the El Paso MPO study area only.

## *Selecting the Sample*

At the beginning of the project, ETC Institute and representatives from TxDOT and TTI (Texas Transportation Institute) met to review the data requirements for the region's travel demand model. Since the primary purpose of the regional household activity travel survey is to support regional travel demand forecasting models, this meeting served as a forum to ensure the research team had a clear understanding of the data requirements for the region's travel demand model. The sample was stratified on two variables: household size and annual household income. As specified by TxDOT, there were four categories for household size (1, 2, 3, and 4+ persons) and five categories of household income ($0-$14,499, $15,000-$24,999, $25,000-$39,999, $40,000-$69,999, and $70,000 or more). The total of all cells in the sample was to be at least 3,000 complete and useable surveys. Tables 1 and 2 (below) show the sampling goals and the actual number of completed surveys that were obtained for each household size and income category cell.

# Table 1
# Sampling Goals by Type of Household
(EUTS)

| Income Ranges | Household Size | | | | Totals |
|---|---|---|---|---|---|
| | **1** | **2** | **3** | **4+** | |
| $0 to $14,999 | 95 | 115 | 109 | 189 | 508 |
| $15,000 to $24,999 | 85 | 131 | 85 | 208 | 509 |
| $25,000 to $39,999 | 95 | 106 | 142 | 299 | 642 |
| $40,000 to $69,999 | 85 | 177 | 144 | 283 | 689 |
| $70,000 + | 70 | 151 | 163 | 268 | 652 |
| *Totals* | 430 | 680 | 643 | 1,247 | **3,000** |

# Table 2
# Distribution of Completed Surveys by Type of Household
(EUTS)

| Income Ranges | Household Size | | | | Totals |
|---|---|---|---|---|---|
| | **1** | **2** | **3** | **4+** | |
| $0 to $14,999 | 92 | 115 | 119 | 144 | 470 |
| $15,000 to $24,999 | 80 | 137 | 92 | 197 | 506 |
| $25,000 to $39,999 | 89 | 130 | 152 | 289 | 660 |
| $40,000 to $69,999 | 91 | 211 | 151 | 293 | 746 |
| $70,000 + | 72 | 175 | 169 | 264 | 680 |
| *Totals* | 424 | 768 | 683 | 1,187 | **3,062** |

The total number of completed surveys exceeded the contractual goal by 62 surveys. The goal was to complete 3,000. The actual number of completed surveys was 3,062. There was good geographic representation the county that was included in the survey.

The number of completed surveys met or exceeded 90% of the goal for all combinations of household size and income with the exception of one cell (4+ persons with an annual household income less than $15,000).

In order to obtain the desired number of completed surveys, 21,048 telephone numbers were called. Of these:

- 3,936 (18.7%) resulted in contact with an eligible household that agreed to participate in the survey. Of those who initially agreed to participate in the survey, 1,889 households actually completed the survey.

- 7,346 (34.9%) resulted in contact with a household that refused to participate in the survey

- 3,599 (17.1%) resulted in contact with an ineligible household (including non-working, non-household, and non-voice lines)

- 6,167 (29.3%) were not able to be classified as eligible or ineligible after 8 call attempts

The table below shows the total number of attempts that were made per completed survey by size of household. On average, one in every 6.8 households that were contacted completed a survey.

## Table 3

### Response Rates by Household Size

| Household Size | Completed | Attempts | Attempts/Complete |
|---|---|---|---|
| One | 424 | 2,897 | 6.8 |
| Two | 768 | 5,821 | 7.6 |
| Three | 683 | 3,711 | 5.4 |
| Four or more | 1,187 | 8,619 | 7.2 |
| Total | **3,062** | **21,048** | **6.8** |

## *Designing the Survey*

ETC Institute worked with TxDOT and TTI staff to develop the household activity travel survey instrument. The survey was designed to be a 24-hour household activity travel diary that was kept by each member of the household. The household survey recruitment script and travel diary were structured and worded to allow participants to answer the questions easily.

The activity/travel survey mail-out package included the following materials:

- A general information letter explaining the survey.

- An activity/travel survey for each member of the household.

- Travel-day reminder sheet.

- Postage-paid return envelope.

- Contact name and toll free number in the event that the household had questions or concerns.

- A letter thanking the household for their participation in the study.

- ETC Institute worked with TxDOT and TTI to develop the survey materials. Copies of the survey instruments and supporting materials are provided in Appendix F.

**Pilot Survey.** ETC Institute conducted a pilot survey with 31 households during September of 2009 to assess and evaluate the methods, materials, and processes in conducting the activity/travel and GPS system data collection methods. The pilot survey included a complete pretest and evaluation of the full survey, including:

- sample generation
- telephone recruitment
- survey mail-out
- reminder call
- retrieval call
- data entry
- trip geocoding
- edit checks.

In addition, the pilot survey included the collection of trip data using GPS technology from 10 of the 31 households participating in the pilot survey. Key items that were assessed during the pilot survey included the following:

- **Response rate of households agreeing to participate in the survey via telephone recruitment:** Twenty-one percent (21%) or 38 of the 184 households that were initially contacted agreed to participate in the pilot test.

- **Proportion of recruited households providing complete travel survey data:** Of the households that initially agreed to participate, 82% or 31 of the 38 households actually provided complete travel survey data.

- **Adequacy of survey forms and scripts for recruitment and retrieval**: No problems were identified with the design of survey forms. Most participants indicated that the surveys were easy to understand.

- **Proper function of GPS hardware and downloading software:** No problems were encountered during the pilot survey.

- **Use of edit check programs to test data input and file structure for errors:** ETC Institute tested the initial edit check program that was provided by TTI. Based on the results of the pilot test, TTI made modifications to the edit check program.

## *Conducting the Household Activity Travel Survey*

One factor that can greatly influence the quality of data collected is the percentage of households recruited that actually participate in the survey. A low response rate can inherently bias the survey results. Consequently, a great deal of emphasis was placed on measures that would maximize the response rate to the survey.

Based on the results of the pilot survey, ETC Institute recruited 3,936 households from the El Paso MPO study area to participate in the survey. The goal was to have at least 3,000 households (or at least 70% of those recruited) provide complete travel diaries.

As a result of the thorough recruitment and aggressive follow-up procedures used by ETC Institute, the actual participation rate was 77%. A total of 3,062 of the 3,936 households that were recruited provided complete (trip data for all members of the household) and useable surveys.

**Building Awareness of the Household Survey**. Given the private nature of the data to be collected, public awareness was an important factor to the success of the survey.  Persons who participated in the pilot survey indicated that the initial letter from TxDOT was important because they knew the survey was legitimate.

ETC Institute worked with TxDOT to develop and administer an awareness campaign to inform the community about the survey. The campaign involved a two-tiered strategy.

- **Tier 1: General Awareness**: This tier involved building general awareness about the study in the region through newspaper and other general media sources. Press releases were sent by TxDOT to newspapers, radio stations, and television stations in the region. Prior to the survey, articles were published in area newspapers to promote the survey. Representatives from ETC Institute also met with representatives from each of the two metropolitan planning organization in the study area.

- **Tier 2: Detailed Awareness**. The second tier involved direct communication with each of the households that were recruited to participate in the study. ETC Institute worked with TxDOT and TTI to design a series of direct mailings that included reminder letters, advance letters, and refrigerator magnet reminders. In addition, ETC Institute established local and toll-free numbers that allowed households in the study area to contact ETC Institute if they had questions about the study.

**Survey Administration Procedures**. ETC Institute administered the Household Activity Travel Survey to a randomly selected sample of 3,062 households in the El Paso MPO study area from September 2009 through December 2010.

Surveys were not administered when school was not in session (e.g., holiday periods and summer months). Each of the major elements of the survey administration process are briefly described below:

- Pre-notification Letter. ETC Institute mailed a pre-notification letter to all households that were randomly selected to participate in the survey. The letter was in both English and Spanish.

- Initial Solicitation. A few days after the pre-notification letters were mailed, ETC Institute called households, to solicit their participation in the survey. Bilingual interviewers were used to ensure Spanish speaking households were well represented. If a household agreed to participate, ETC Institute confirmed the address and collected household, vehicle, and person level data. This data included, but was not limited to, the following:

    ⇨ Number of persons in the household.

    ⇨ Annual household income and type of residence.

⇨ Vehicle Information – number owned, number available, make, model, commercial or private use.

⇨ Person information – age, sex, ethnicity, employment/student status, occupation by employment category.

⇨ Employment Information – self-employed, employer name and address, home office/business, telecommuting.

Information that was gathered from each of the participating households was entered into the Household Database as soon as the household was recruited. Each household that was recruited was assigned a unique record number that allowed ETC Institute to monitor the household's participation in the survey throughout the survey administration process.

- **Mailing Travel Packets.** Following the recruitment call, ETC Institute mailed households that agreed to participate in the survey an activity/travel survey packet. The packets were typically mailed seven days in advance of the households assigned travel-day. Spanish versions of the survey instrument and travel diaries were provided for households that did not speak English.

- **Reminder Calls.** ETC Institute placed a reminder call to each household the day before they were scheduled to begin the travel survey. The pre-travel day reminder call was used to confirm the household's participation and reception of survey packet. The call was also used to (1) review the procedures for recording travel information to ensure participants understood the importance of recording specific addresses, (2) answer any questions that the household may have regarding the survey, (3) schedule a call-back time for the data retrieval call, (4) stress the importance of the survey, and (5) emphasize the anonymity of the data provided.

- **Data Retrieval.** ETC Institute placed a follow-up call at a pre-arranged callback time within two days after travel diary activity was scheduled. This call was used to retrieve household activity and trip data. Every attempt was made to personally interview each of the people who completed a travel diary. In some cases a proxy provided information for household members who were not available. Adult members of the household usually reported the activities and trips for minors in the household. After the activity and household information had been obtained over the phone, each household was asked to return the activity/travel surveys by mail in the postage-paid envelope provided in the survey packet. When the packets were received, ETC Institute reviewed the information on the activity/travel surveys that were returned by mail to ensure they matched

the data provided by phone. If there were discrepancies, ETC Institute called the household back to clarify any missing or unclear information. Among the 3,062 households that participated in the survey , ETC Institute was able to complete follow-up calls to verify the data provided with 3,000 (or 98% of the households).  The average length of the retrieval interview was 28.9 minutes.   Table 4 (below) shows the average length of the retrieval interview by size of household.

## Table 4
## Length of Retrieval Interview

| Household Size | Completed | Length (in minutes) |
|---|---|---|
| One | 424 | 19.9 |
| Two | 768 | 27.8 |
| Three | 683 | 29.4 |
| Four | 1,187 | 38.4 |
| **Total** | **3,062** | **28.9** |

- **Reporting of Income.** 100% of the households that participated in the household activity survey provided annual household income data.  Of these, 78% provided the information during the initial recruitment call; 16% provided the information during the data retrieval call, and 6% provided the information during a subsequent call. ETC Institute's interviewers explained the importance of providing the household income data during the initial recruitment, which is the reason the majority of participants provided the information early in the process.  During retrieval process, participants were told that their data may not be useable if the income data was not provided.   If a household still refused to provide the information, a senior manager from ETC Institute called the household to explain the reason the income data was needed.   At this point in the process, all households that had not provided income information agreed to do so.

- **Mail Packet Returns.** Of the 3,062 households that participated in the survey, 2,702 provided their travel data by phone.  A total of 2,107 (1,854 households returned diaries for the entire household) households returned their completed travel diaries by mail following the retrieval of the data by phone.  A total of 53 households returned their travel diaries by mail only and did not participate in a debriefing by phone. Overall, the quality of the surveys returned by mail only was comparable to the quality of the surveys that were completed by households that provided travel data by phone.

- **Thank You Letter.** After ETC Institute had received all completed surveys from a household, ETC Institute sent the household a note thanking them for their participation.

## *Conducting the Passive GPS Survey*

ETC Institute asked each of the households that were recruited for the household travel survey to also participate in the passive data collection effort. The goal was to have a sub-sample of approximately 10% of the households recruited for the travel-diary survey to also participate in the passive GPS survey. To encourage participation, ETC Institute offered households incentives to all households that participated in the passive GPS survey. Household with one vehicle received $50; households with two vehicles received $75, and households with 3 or more vehicles received $100.

**Sampling Plan**. Tables 5 and 6 (below) show the sampling goals and the actual number of completed passive GPS surveys that were obtained for each combination of household size and income. A total of 307 passive GPS surveys were to be completed.

## Table 5
## GPS Survey Sampling Goals by Type of Household
(EUTS)

| | Household Size | | | | |
|---|---|---|---|---|---|
| *Income Ranges* | **1** | **2** | **3** | **4+** | *Totals* |
| $0 to $14,999 | 10 | 10 | 12 | 19 | NA |
| $15,000 to $24,999 | | | | 21 | NA |
| $25,000 to $39,999 | 30 | 58 | 64 | 26 | NA |
| $40,000 to $69,999 | | | | 50 | NA |
| $70,000 + | | | | | NA |
| *Totals* | 40 | 68 | 76 | 116 | **30** |

## Table 6
## Distribution of Completed GPS Surveys by Type of Household

(EUTS)

| Income Ranges | Household Size | | | | Totals |
|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4+ | |
| $0 to $14,999 | 12 | 10 | 13 | 20 | 55 |
| $15,000 to $24,999 | | | | 21 | 54 |
| $25,000 to $39,999 | 24 | 70 | 65 | 22 | 65 |
| $40,000 to $69,999 | | | | 50 | 72 |
| $70,000 + | | | | | 61 |
| Totals | 36 | 80 | 78 | 113 | 307 |

All households that agreed to participate in the household survey were eligible to participate in the passive GPS survey.  The level of interest in participating in the passive GPS survey was significantly lower among low income households (see Table 6).   In order to offset the lower response rate among the larger (four or more), low income cells, ETC Institute offered all households in the lower income category with more than four occupants $100 regardless of the number of vehicles.  Even with the incentive, lower income households were less willing to participate in the EUTS area.

**GPS Equipment.** ETC Institute used G-Log 760 Trip Recorders to collect the majority of the GPS survey data. The G-Log 760 unit is battery operated unit with a motion detector and a self-contained antenna. The G-Log 760 unit pauses when the car is not in motion and the units were programmed to stop recording if the vehicle speed fell below five miles per hour for a continuous period of 30 minutes or more. No effort was required by travel survey participants to turn the unit on or off. The devices were



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placed in the windshield, or other area where signal would not be disrupted. If the vehicle had a working cigarette lighter, ETC Institute connected the GPS device to the lighter to provide backup power in the event the batteries failed.

**Recruitment.** A total of 397 households agreed to participate in the passive GPS Survey during the initial recruitment call.  Of the 397 that originally agreed to participate, 307 actually participated in the passive GPS survey.

Rather than having ETC Institute staff drive to each of the participating households homes, ETC Institute installed the GPS devices at central locations in the El Paso area. Households that agreed to participate in the GPS Survey met ETC Institute representatives at a central facility to have the GPS device installed. Hotels were used for the installation and retrieval locations.

**GPS Administration Process**. Households that participated in the passive GPS data collection were involved in the project for three days:

➤ **Day 1**: The recruited households drove their vehicle(s) to a designated location in the El Paso metropolitan area. ETC Institute's bilingual staff installed the G-Log 760 and explained how the GPS device works. Final instructions and a hands-on demonstration were also given to each participant so that they understood how to properly record information on the written portion of the activity travel diary and to ensure that they understood how the GPS devices worked.

➤ **Day 2**: All household members recorded their travel information on the written household travel diaries. The G-Log 760 recorded all vehicle travel data. The GPS data was only collected while the vehicle was in operation. Participants were given a local phone number to call if they had any questions.

➤ **Day 3**: All households returned to the same location where the G-Log 760 was originally installed. Prior to returning, they called ETC Institute's call center and the travel data was retrieved by phone. Once the household had successfully communicated their travel data to ETC Institute's call center, they were instructed to return to the location where the GPS device was installed so that ETC Institute staff could retrieve the device. Once the household had returned the device and submitted the appropriate paperwork, the participants were given a cash incentive for their participation.

**GPS Data Elements.** The following types of GPS survey data were collected by ETC Institute:

- The position of the vehicle by longitude and latitude in one second increments and the time and date at each position.

- Distance and direction traveled since the last position.

- Vehicle's distance, speed, elevation, date, and heading.

- Times (by hour and minute) when survey vehicle engines were turned on and turned off.

The GPS data was delivered to TxDOT in an ASCII comma delimited format. Information that was submitted as part of the GPS Administrative File included the following:

1. GPS Unit ID Number
2. Household ID Number
3. GPS File Name
4. Vehicle Number
5. Household Travel Date
6. Vehicle Year
7. Vehicle Make
8. Vehicle Model
9. Beginning Odometer Reading
10. Ending Odometer Reading
11. Installation Date
12. Installation Time
13. Removal Date
14. Removal Time
15. GPS Power Source
16. Type of Vehicle

## *Verifying and Editing Survey Data*

ETC Institute prepared four data files for the household travel survey including:

- Household Information file
- Personal Information file
- Vehicle Information file
- Activity/Trip Information file

ETC Institute conducted data processing and geocoding activities concurrently with the data collection task. This allowed a higher level of control on the quality of the completed data, since the daily attention to completed households allows for quick identification of where interviewer training may need to be strengthened.

As data were compiled into the database, they were edited and corrected. A data analyst from ETC Institute conducted ongoing verification of this aggregate, cumulative data file. ETC used a specialized program that was provided by TTI to perform routine and customized quality checks on the data to confirm that

submitted data met TxDOT's standards as well as the project requirements. The edit check program was used to check the following:

- Data range checks to ensure data are not outside the expected ranges;

- Data checks for missing data, including a flag for persons who report no travel (this will be done by a combination of computerized queries and direct data viewing);

- Checks for high frequency of refusals or "don't know" responses (indication of item non-response);

- File consistency (household size matches number of person records, etc.);

- Consistency between arrival and departure times;

- Employment data for all respondents reporting a "work" activity; and

- Consistency among shared trips within the household.

Data validation was accomplished by comparing each record in the database against the criteria for a completed household established at the beginning of the project. ETC Institute sent "interim" data sets to TxDOT for review against the criteria for a completed household that were established at the beginning of the project. By allowing TxDOT to review the format of the data early in the project, ETC Institute was able to make adjustments in the structure of the database to ensure that the final datasets were in the format required.

ETC Institute then coded and entered all data into pre-specified ASCII file formats and forwarded the data to TxDOT. ETC Institute ensured that all text and data files were free of viruses.


## *Processing and Geocoding Methodology*

The objective of this task was to geocode the survey responses by home address, work address and other destination addresses to study area polygon layers including counties, zip codes, and TxDOT travel demand model's traffic analysis zones. The geocoding process built a spatial (x, y coordinate) database of the survey information supporting the development of trip generation rates and trip distribution parameters to be used in TxDOT's regional travel demand model.

**Pre-Processing of Survey Records.** ETC Institute used several iterative data integrity checks and applied corrections before actual geocoding was conducted.

This included standard checks for duplicate records and corrections to the spelling of street names and zip codes as well as a number of specialized write-queries designed to identify and fix any suspect data. This process of data preparation resulted in the high quality of the survey databases.

**Geocoding Process.** ETC Institute used a suite of modern software tools such as TransCAD, ArcView, Manifold GIS, and several custom geocoding and quality control engines to locate the survey records. Longitude and latitude were coded to an address, intersection, or site specific place name to within an accuracy of 1000 feet using six decimal places. The key activities comprising the process and the approach to the geocoding process include:

- Developing consistent initial data coding (recording) requirements

- Acquiring and preparing suitable location reference GIS layers

- Geocoding the initial (pretest) results against the best reference layers

- Discussing data quality and requirements with TxDOT staff and implementing process revisions

- Merging all survey responses into a single database

- Preparing survey responses for geocoding

- Iteratively geocoding survey records and verifying match (hit) rates

- Modifying geocoding process and reference data as needed to increase total matches

Geocoding logic checks were performed on the survey database against the reference theme address database to check for inconsistencies. Any records that were not compatible with the source database were flagged for inspection.

The basic process for geocoding the data involved the following steps: First, trip end addresses with zip codes were coded. This included the subset of trip end addresses that corresponded to the household addresses (trips ending at HOME). Next, an attempt to geocode the remaining (unmatched) trip end addresses was made by making use of the geocoding software's ability to use location indices in place of zip codes to locate valid addresses. For each record, the geocoding engine tried to locate the trip end address by parsing through the street network within the state/city specified for the address. The remaining (unmatched) records were then further processed in small batches (address modifications/cleanup, intersection address format cleanup, manual geocoding to highway addresses and landmarks/businesses).

TransCAD was used as the main geocoding engine for the more complex portions of the database. While ArcView (now ArcGIS) was used as the primary geocoding tool where reference address layers were of high quality, additional coding flexibility was often needed for more complex or voluminous data sets. Upon satisfactory completion of the geocoding process, ETC Institute provided TxDOT with a complete set of all geocoded data files.

## *Summary of Appendices to This Report*

This report contains six appendices. A brief description of each appendix is provided below:

**Appendix A**. This appendix contains tables that show the ***household data*** for El Paso County.  The types of household data that are provided in this appendix include: household occupancy, vehicle availability, type of residency, years of residency, annual income, and raw (unadjusted) household trip rates.

**Appendix B**. This appendix contains tables that show the ***person data*** for El Paso County. The types of person data that are provided in this appendix include: age, ethnicity, employment status, bicycle use, and other personal information.

**Appendix C**. This appendix contains tables that show the ***vehicle data*** for El Paso County. The types of vehicle data that are provided in this appendix include: types of vehicles, year of vehicles, vehicle make, type of fuel used, and other vehicle information.

**Appendix D**. This appendix contains the ***recruitment script*** that was used to solicit participation in the survey.

**Appendix E**. This appendix contains the ***retrieval script*** that was used to gather data from households after they completed their travel day.

**Appendix F**. This appendix contains ***copies of the household travel diaries and notification letters.***

**EUTS 2010-11 Household Activity/Travel Survey**
**Trips Per Household (N=3,062)**

| Income | | | 1 | 2 | 3 | 4 | TOTAL |
|---|---|---|---|---|---|---|---|
| | | **Persons in Household** | | | | | |
| < $15,000 | Mean | | 2.73 | 4.28 | 7.83 | 12.31 | 7.34 |
| | Median | | 2.00 | 4.00 | 6.00 | 12.00 | 6.00 |
| | Std Error | | 0.20 | 0.32 | 0.55 | 0.54 | 0.29 |
| | 95% Low | | 2.34 | 3.66 | 6.75 | 11.26 | 6.77 |
| | 95% High | | 3.12 | 4.90 | 8.92 | 13.36 | 7.90 |
| | Sample Size | | N = 92 | N = 115 | N = 119 | N = 144 | N = 470 |
| | Total Trips | | 251 | 492 | 932 | 1773 | 3448 |
| $15,000 to $24,999 | Mean | | 3.44 | 4.52 | 7.22 | 13.90 | 8.49 |
| | Median | | 2.00 | 4.00 | 6.00 | 12.00 | 6.00 |
| | Std Error | | 0.43 | 0.37 | 0.55 | 0.66 | 0.36 |
| | 95% Low | | 2.59 | 3.80 | 6.15 | 12.61 | 7.79 |
| | 95% High | | 4.28 | 5.24 | 8.29 | 15.18 | 9.19 |
| | Sample Size | | N = 80 | N = 137 | N = 92 | N = 197 | N = 506 |
| | Total Trips | | 275 | 619 | 664 | 2738 | 4296 |
| $25000 to $39,999 | Mean | | 3.65 | 5.82 | 8.20 | 13.21 | 9.32 |
| | Median | | 3.00 | 5.00 | 7.00 | 11.00 | 8.00 |
| | Std Error | | 0.33 | 0.47 | 0.80 | 0.75 | 0.41 |
| | 95% Low | | 3.00 | 4.90 | 6.65 | 11.75 | 8.50 |
| | 95% High | | 4.31 | 6.74 | 9.76 | 14.68 | 10.13 |
| | Sample Size | | N = 89 | N = 130 | N = 152 | N = 289 | N = 660 |
| | Total Trips | | 325 | 757 | 1247 | 3819 | 6148 |
| $40,000 to $69,999 | Mean | | 3.75 | 5.70 | 7.84 | 14.27 | 9.26 |
| | Median | | 3.00 | 5.00 | 7.00 | 13.00 | 8.00 |
| | Std Error | | 0.28 | 0.28 | 0.37 | 0.49 | 0.27 |
| | 95% Low | | 3.21 | 5.15 | 7.11 | 13.31 | 8.73 |
| | 95% High | | 4.29 | 6.25 | 8.57 | 15.24 | 9.80 |
| | Sample Size | | N = 91 | N = 211 | N = 151 | N = 293 | N = 746 |
| | Total Trips | | 341 | 1203 | 1184 | 4182 | 6910 |
| > $70,000 | Mean | | 2.85 | 7.33 | 9.92 | 17.00 | 11.25 |
| | Median | | 2.00 | 6.00 | 8.00 | 15.00 | 9.00 |
| | Std Error | | 0.23 | 0.35 | 0.49 | 0.59 | 0.33 |
| | 95% Low | | 2.41 | 6.64 | 8.95 | 15.85 | 10.60 |
| | 95% High | | 3.29 | 8.02 | 10.88 | 18.16 | 11.91 |
| | Sample Size | | N = 72 | N = 175 | N = 169 | N = 264 | N = 680 |
| | Total Trips | | 205 | 1283 | 1676 | 4489 | 7653 |
| TOTAL | Mean | | 3.29 | 5.67 | 8.35 | 14.32 | 9.29 |
| | Median | | 3.00 | 5.00 | 7.00 | 12.00 | 7.00 |
| | Std Error | | 0.14 | 0.16 | 0.26 | 0.29 | 0.15 |
| | 95% Low | | 3.03 | 5.35 | 7.84 | 13.76 | 8.99 |
| | 95% High | | 3.56 | 5.99 | 8.86 | 14.89 | 9.60 |
| | Sample Size | | N = 424 | N = 768 | N = 683 | N = 1187 | N = 3062 |
| | Total Trips | | 1397 | 4354 | 5703 | 17001 | 28455 |

*Appendix A:*
# *Household Data*

**Location of Participating Household By City**

| N=3062 | Q11a Household County | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |

Q10 City

| | | | |
|---|---|---|---|
| EL PASO | 2787 | 0 | 2787 |
| | 94.0% | 0.0% | 91.1% |
| SOCORRO | 55 | 0 | 55 |
| | 1.9% | 0.0% | 1.8% |
| HORIZON CITY | 41 | 0 | 41 |
| | 1.4% | 0.0% | 1.3% |
| CANUTILLO | 37 | 0 | 37 |
| | 1.2% | 0.0% | 1.2% |
| VINTON | 9 | 0 | 9 |
| | 0.3% | 0.0% | 0.3% |
| ANTHONY | 6 | 56 | 62 |
| | 0.2% | 60.2% | 2.0% |
| FABENS | 2 | 0 | 2 |
| | 0.1% | 0.0% | 0.1% |
| SAN ELIZARIO | 24 | 0 | 24 |
| | 0.8% | 0.0% | 0.8% |
| SUNLAND PARK | 0 | 31 | 31 |
| | 0.0% | 33.3% | 1.0% |
| CLINT | 4 | 0 | 4 |
| | 0.1% | 0.0% | 0.1% |
| SANTA TERESA | 0 | 6 | 6 |
| | 0.0% | 6.5% | 0.2% |
| TORNILLO | 1 | 0 | 1 |
| | 0.0% | 0.0% | 0.0% |

## **Household Occupancy**

| N=3062 | Q11a Household County | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |

Q16 Number of Persons

| | | | |
|---|---|---|---|
| 1 | 415 | 9 | 424 |
| | 14.0% | 9.7% | 13.8% |
| 2 | 751 | 17 | 768 |
| | 25.3% | 18.3% | 25.1% |
| 3 | 653 | 30 | 683 |
| | 22.0% | 32.3% | 22.3% |
| 4 or More | 1150 | 37 | 1187 |
| | 38.7% | 39.8% | 38.8% |

## **Mean Household Occupancy**

| N=3062 | Q11a Household County | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Number | 2969 | 93 | 3062 |
| Percent | 97.0% | 3.0% | 100.0% |

Q16 Number of Persons

| | | | |
|---|---|---|---|
| Mean | 3.1 | 3.3 | 3.1 |

## **Number of Employed Persons Per Household**

| N=3062 | Q11a Household County | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |

Q17 Number Employed

| | | | |
|---|---|---|---|
| 0 | 807 | 18 | 825 |
| | 27.2% | 19.4% | 26.9% |
| 1 | 1270 | 56 | 1326 |
| | 42.8% | 60.2% | 43.3% |
| 2 | 695 | 17 | 712 |
| | 23.4% | 18.3% | 23.3% |
| 3 or More | 197 | 2 | 199 |
| | 6.6% | 2.2% | 6.5% |

## **Mean Number of Employed Persons Per Household**

| N=3062 | Q11a Household County | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Number | 2969 | 93 | 3062 |
| Percent | 97.0% | 3.0% | 100.0% |

Q17 Number Employed

| | | | |
|---|---|---|---|
| Mean | 1.1 | 1.0 | 1.1 |

## Number of Vehicles Available

| N=3062 | Q11a Household County | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |

Q18 Vehicles Available

| | | | |
|---|---|---|---|
| 0 | 81 | 4 | 85 |
| | 2.7% | 4.3% | 2.8% |
| 1 | 739 | 25 | 764 |
| | 24.9% | 26.9% | 25.0% |
| 2 | 1340 | 45 | 1385 |
| | 45.1% | 48.4% | 45.2% |
| 3 or More | 809 | 19 | 828 |
| | 27.2% | 20.4% | 27.0% |

## Mean Number of Vehicles Available

| N=3062 | Q11a Household County | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Number | 2969 | 93 | 3062 |
| Percent | 97.0% | 3.0% | 100.0% |

Q18 Vehicles Available

| | | | |
|---|---|---|---|
| Mean | 2.1 | 1.9 | 2.1 |

## __Number of Vehicles Owned__

| N=3062 | Q11a Household County | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |

Q19 Vehicles Owned

| | | | |
|---|---|---|---|
| 0 | 88 | 5 | 93 |
| | 3.0% | 5.4% | 3.0% |
| 1 | 753 | 25 | 778 |
| | 25.4% | 26.9% | 25.4% |
| 2 | 1342 | 45 | 1387 |
| | 45.2% | 48.4% | 45.3% |
| 3 or More | 786 | 18 | 804 |
| | 26.5% | 19.4% | 26.3% |

## __Mean Number of Vehicles Owned__

| N=3062 | Q11a Household County | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Number | 2969 | 93 | 3062 |
| Percent | 97.0% | 3.0% | 100.0% |

Q19 Vehicles Owned

| | | | |
|---|---|---|---|
| Mean | 2.0 | 1.9 | 2.0 |

## Number of Bicycles Available

| N=3062 | Q11a Household County | | Total |
| --- | --- | --- | --- |
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |
| Q20 Bikes | | | |
| 0 | 1821 | 67 | 1888 |
| | 61.3% | 72.0% | 61.7% |
| 1 | 446 | 12 | 458 |
| | 15.0% | 12.9% | 15.0% |
| 2 | 364 | 9 | 373 |
| | 12.3% | 9.7% | 12.2% |
| 3 or More | 338 | 5 | 343 |
| | 11.4% | 5.4% | 11.2% |

## Mean Number of Bicycles Available

| N=3062 | Q11a Household County | | Total |
| --- | --- | --- | --- |
| | El Paso | New Mexico zip codes | |
| Number | 2969 | 93 | 3062 |
| Percent | 97.0% | 3.0% | 100.0% |
| Q20 Bikes | | | |
| Mean | 0.8 | 0.5 | 0.8 |

## **Type of Residence**

| N=3062 | Q11a Household County | | Total |
| --- | --- | --- | --- |
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |

Q21 Residence

| | | | |
| --- | --- | --- | --- |
| Unattached Single | 2712 | 75 | 2787 |
| | 91.3% | 80.6% | 91.0% |
| Condo | 11 | 0 | 11 |
| | 0.4% | 0.0% | 0.4% |
| Duplex | 61 | 0 | 61 |
| | 2.1% | 0.0% | 2.0% |
| Apartment | 68 | 2 | 70 |
| | 2.3% | 2.2% | 2.3% |
| Mobile Home | 107 | 16 | 123 |
| | 3.6% | 17.2% | 4.0% |
| Other | 10 | 0 | 10 |
| | 0.3% | 0.0% | 0.3% |

**Tenure in the EUTS Area**

| N=3062 | Q11a Household County | | Total |
| --- | --- | --- | --- |
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |

Q23 Tenure

| Less than 1 year | 50 | 0 | 50 |
| --- | --- | --- | --- |
| | 1.7% | 0.0% | 1.6% |
| One year | 53 | 0 | 53 |
| | 1.8% | 0.0% | 1.7% |
| Two years | 74 | 1 | 75 |
| | 2.5% | 1.1% | 2.4% |
| Three years | 112 | 3 | 115 |
| | 3.8% | 3.2% | 3.8% |
| Four years | 75 | 0 | 75 |
| | 2.5% | 0.0% | 2.4% |
| Five or more | 2605 | 89 | 2694 |
| | 87.7% | 95.7% | 88.0% |

## Annual Household Income

| N=3062 | Q11a Household County | | Total |
| --- | --- | --- | --- |
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |

Q28 Income

| | | | |
| --- | --- | --- | --- |
| Less than $5,000 | 16 | 0 | 16 |
| | 0.5% | 0.0% | 0.5% |
| $5,000 to $9,999 | 81 | 5 | 86 |
| | 2.7% | 5.4% | 2.8% |
| $10,000-$14,999 | 353 | 15 | 368 |
| | 11.9% | 16.1% | 12.0% |
| $15,000-$17,499 | 103 | 4 | 107 |
| | 3.5% | 4.3% | 3.5% |
| $17,500-$19,999 | 83 | 7 | 90 |
| | 2.8% | 7.5% | 2.9% |
| $20,000-$22,499 | 117 | 6 | 123 |
| | 3.9% | 6.5% | 4.0% |
| $22,500-$24,999 | 177 | 9 | 186 |
| | 6.0% | 9.7% | 6.1% |
| $25,000-$27,499 | 117 | 5 | 122 |
| | 3.9% | 5.4% | 4.0% |
| $27,500-$29,999 | 80 | 3 | 83 |
| | 2.7% | 3.2% | 2.7% |
| $30,000-$32,499 | 165 | 3 | 168 |
| | 5.6% | 3.2% | 5.5% |

**Annual Household Income**

| N=3062 | Q11a Household County | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |

Q28 Income   (Cont.)

| | El Paso | New Mexico zip codes | Total |
|---|---|---|---|
| $32,500-$34,999 | 75 | 6 | 81 |
| | 2.5% | 6.5% | 2.6% |
| $35,000-$39,999 | 194 | 12 | 206 |
| | 6.5% | 12.9% | 6.7% |
| $40,000-$44,999 | 131 | 2 | 133 |
| | 4.4% | 2.2% | 4.3% |
| $45,000-$49,999 | 118 | 3 | 121 |
| | 4.0% | 3.2% | 4.0% |
| $50,000-$54,999 | 160 | 2 | 162 |
| | 5.4% | 2.2% | 5.3% |
| $55,000-$59,999 | 77 | 0 | 77 |
| | 2.6% | 0.0% | 2.5% |
| $60,000-$64,999 | 109 | 2 | 111 |
| | 3.7% | 2.2% | 3.6% |
| $65,000-$69,999 | 139 | 3 | 142 |
| | 4.7% | 3.2% | 4.6% |
| $70,000-$74,999 | 157 | 5 | 162 |
| | 5.3% | 5.4% | 5.3% |
| $75,000-$79,999 | 80 | 1 | 81 |
| | 2.7% | 1.1% | 2.6% |
| $80,000-$99,999 | 127 | 0 | 127 |
| | 4.3% | 0.0% | 4.1% |
| $100,000-$124,999 | 137 | 0 | 137 |
| | 4.6% | 0.0% | 4.5% |

## Annual Household Income

| N=3062 | Q11a Household County | | Total |
| --- | --- | --- | --- |
| | El Paso | New Mexico zip codes | |
| Q28 Income   (Cont.) | | | |
| $125,000-$149,999 | 76 | 0 | 76 |
| | 2.6% | 0.0% | 2.5% |
| $150,000-$199,999 | 62 | 0 | 62 |
| | 2.1% | 0.0% | 2.0% |
| $200,000+ | 35 | 0 | 35 |
| | 1.2% | 0.0% | 1.1% |

## Annual Household Income for Sampling Purposes

| N=3062 | Q11a Household County | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |

Q29 Sample HH Income

| | | | |
|---|---|---|---|
| <15K | 450 | 20 | 470 |
| | 15.2% | 21.5% | 15.3% |
| $15,000-$24,999 | 480 | 26 | 506 |
| | 16.2% | 28.0% | 16.5% |
| $25,000-$39,999 | 631 | 29 | 660 |
| | 21.3% | 31.2% | 21.6% |
| $40,000-$69,999 | 734 | 12 | 746 |
| | 24.7% | 12.9% | 24.4% |
| $70K+ | 674 | 6 | 680 |
| | 22.7% | 6.5% | 22.2% |

**Number of Day Visitors on the Household's Travel Day**

| N=3062 | Q11a Household County | | Total |
| --- | --- | --- | --- |
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |
| Q30 Day Visitors | | | |
| 0 | 2144 | 77 | 2221 |
| | 72.2% | 82.8% | 72.5% |
| 1 | 419 | 12 | 431 |
| | 14.1% | 12.9% | 14.1% |
| 2 | 207 | 3 | 210 |
| | 7.0% | 3.2% | 6.9% |
| 3 | 98 | 1 | 99 |
| | 3.3% | 1.1% | 3.2% |
| 4 or More | 101 | 0 | 101 |
| | 3.4% | 0.0% | 3.3% |

## Number of Overnight Visitors on the Household's Travel Day

| N=3062 | Q11a Household County | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |

Q31 Overnight Visitors

| | | | |
|---|---|---|---|
| 0 | 2838 | 90 | 2928 |
| | 95.6% | 96.8% | 95.6% |
| 1 | 97 | 3 | 100 |
| | 3.3% | 3.2% | 3.3% |
| 2 | 22 | 0 | 22 |
| | 0.7% | 0.0% | 0.7% |
| 3 | 6 | 0 | 6 |
| | 0.2% | 0.0% | 0.2% |
| 4 or More | 6 | 0 | 6 |
| | 0.2% | 0.0% | 0.2% |

## Are Any Vehicles Used for Deliveries?

| N=3062 | Q11a Household County | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |
| **Q32 Delivery Vehicle** | | | |
| Yes | 163 | 5 | 168 |
| | 5.5% | 5.4% | 5.5% |
| No | 2806 | 88 | 2894 |
| | 94.5% | 94.6% | 94.5% |

## **Number of Delivery Trucks in Household**

| N=3062 | Q11a Household County | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |

Q33 Number Delivery Driver

| | | | |
|---|---|---|---|
| 0 | 2806 | 88 | 2894 |
| | 94.5% | 94.6% | 94.5% |
| 1 | 159 | 5 | 164 |
| | 5.4% | 5.4% | 5.4% |
| 2 | 4 | 0 | 4 |
| | 0.1% | 0.0% | 0.1% |

## **Number of Times During the Past Year Household Were Without Phone Service**

| N=3062 | Q11a Household County | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |

Q34 Phone Service

| | | | |
|---|---|---|---|
| 0 | 2861 | 90 | 2951 |
| | 96.4% | 96.8% | 96.4% |
| 1 | 74 | 2 | 76 |
| | 2.5% | 2.2% | 2.5% |
| 2 | 14 | 1 | 15 |
| | 0.5% | 1.1% | 0.5% |
| 3 | 10 | 0 | 10 |
| | 0.3% | 0.0% | 0.3% |
| 4 | 1 | 0 | 1 |
| | 0.0% | 0.0% | 0.0% |
| 5 or More | 9 | 0 | 9 |
| | 0.3% | 0.0% | 0.3% |

## On average, how long without phone

| N=3062 | Q11a Household County | | Total |
| --- | --- | --- | --- |
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |

Q35 Time Without

| | | | |
| --- | --- | --- | --- |
| Less than 1 week | 67 | 3 | 70 |
| | 62.0% | 100.0% | 63.1% |
| 1 week-<2 weeks | 16 | 0 | 16 |
| | 14.8% | 0.0% | 14.4% |
| 2 weeks-<1 month | 7 | 0 | 7 |
| | 6.5% | 0.0% | 6.3% |
| 1 month-<3 month | 6 | 0 | 6 |
| | 5.6% | 0.0% | 5.4% |
| 3 months-<6 mo | 5 | 0 | 5 |
| | 4.6% | 0.0% | 4.5% |
| 6 months-<1 year | 3 | 0 | 3 |
| | 2.8% | 0.0% | 2.7% |
| 1 year or more | 4 | 0 | 4 |
| | 3.7% | 0.0% | 3.6% |

## Were Vehicles Used By Non-HH Members

| N=3062 | Q11a Household County | | Total |
| --- | --- | --- | --- |
| | El Paso | New Mexico zip codes | |
| Total | 2969 | 93 | 3062 |
| | 97.0% | 3.0% | 100.0% |

Q36 HH Vehicle Use by Non HH Member

| Yes | 27 | 0 | 27 |
| --- | --- | --- | --- |
| | 0.9% | 0.0% | 0.9% |
| No | 2874 | 89 | 2963 |
| | 96.8% | 95.7% | 96.8% |
| Zero Vehicle HH | 68 | 4 | 72 |
| | 2.3% | 4.3% | 2.4% |

## HOUSEHOLD TRIP RATES--COUNTY

| Q39 Total HH Trips | Mean | SD | N | Pct. |
| --- | --- | --- | --- | --- |
| For Entire Sample | 9.29 | 8.54 | 3062 | 100.0% |

Q11a Household County

| | Mean | SD | N | Pct. |
| --- | --- | --- | --- | --- |
| El Paso | 9.37 | 8.62 | 2969 | 97.0% |
| New Mexico zip ... | 6.88 | 4.99 | 93 | 3.0% |
| Other | 0.00 | 0.00 | 0 | 0.0% |
| No response | 0.00 | 0.00 | 0 | 0.0% |

## HOUSEHOLD TRIP RATES--Trips by Household Size--ENTIRE SAMPLE

| Q39 Total HH Trips | Mean | SD | N | Pct. |
|---|---|---|---|---|
| For Entire Sample (Missing = 0) | 9.29 | 8.54 | 3062 | 100.0% |

Q16 Number of Persons

| | Mean | SD | N | Pct. |
|---|---|---|---|---|
| 1=1 | 3.29 | 2.81 | 424 | 13.8% |
| 2=2 | 5.67 | 4.52 | 768 | 25.1% |
| 3=3 | 8.35 | 6.85 | 683 | 22.3% |
| 4=4 or More | 14.32 | 9.91 | 1187 | 38.8% |

## HOUSEHOLD TRIP RATES--Trips by Household Size--EL PASO COUNTY

| Q39 Total HH Trips | Mean | SD | N | Pct. |
|---|---|---|---|---|
| For Entire Sample (Missing = 0) | 9.37 | 8.62 | 2969 | 100.0% |

Q16 Number of Persons

| | Mean | SD | N | Pct. |
|---|---|---|---|---|
| 1=1 | 3.32 | 2.84 | 415 | 14.0% |
| 2=2 | 5.72 | 4.56 | 751 | 25.3% |
| 3=3 | 8.45 | 6.97 | 653 | 22.0% |
| 4=4 or More | 14.46 | 9.98 | 1150 | 38.7% |

## HOUSEHOLD TRIP RATES--Trips by Household Size—New Mexico Zip Codes

| Q39 Total HH Trips | Mean | SD | N | Pct. |
|---|---|---|---|---|
| For Entire Sample (Missing = 0) | 6.88 | 4.99 | 93 | 100.0% |

Q16 Number of Persons

| | Mean | SD | N | Pct. |
|---|---|---|---|---|
| 1=1 | 2.33 | 0.50 | 9 | 9.7% |
| 2=2 | 3.59 | 1.91 | 17 | 18.3% |
| 3=3 | 6.13 | 2.06 | 30 | 32.3% |
| 4=4 or More | 10.11 | 6.10 | 37 | 39.8% |

## Total Trips Per Household: ALL AREAS

| Q39 Total HH Trips | Number | Percent |
|---|---|---|
| 000 | 158 | 5.2 % |
| 001 | 6 | 0.2 % |
| 002 | 369 | 12.1 % |
| 003 | 106 | 3.5 % |
| 004 | 377 | 12.3 % |
| 005 | 96 | 3.1 % |
| 006 | 321 | 10.5 % |
| 007 | 103 | 3.4 % |
| 008 | 266 | 8.7 % |
| 009 | 102 | 3.3 % |
| 010 | 170 | 5.6 % |
| 011 | 85 | 2.8 % |
| 012 | 156 | 5.1 % |
| 013 | 55 | 1.8 % |
| 014 | 115 | 3.8 % |
| 015 | 59 | 1.9 % |
| 016 | 94 | 3.1 % |
| 017 | 45 | 1.5 % |
| 018 | 51 | 1.7 % |
| 019 | 31 | 1.0 % |
| 020 | 41 | 1.3 % |
| 021 | 27 | 0.9 % |
| 022 | 27 | 0.9 % |
| 023 | 28 | 0.9 % |
| 024 | 26 | 0.8 % |
| 025 | 22 | 0.7 % |
| 026 | 9 | 0.3 % |
| 027 | 11 | 0.4 % |
| 028 | 12 | 0.4 % |
| 029 | 4 | 0.1 % |
| 030 | 23 | 0.8 % |
| 031 | 6 | 0.2 % |
| 032 | 6 | 0.2 % |
| 033 | 7 | 0.2 % |
| 034 | 7 | 0.2 % |
| 035 | 3 | 0.1 % |
| 036 | 3 | 0.1 % |
| 037 | 4 | 0.1 % |
| 038 | 6 | 0.2 % |
| 039 | 2 | 0.1 % |
| 040 | 3 | 0.1 % |
| 041 | 5 | 0.2 % |

**Total Trips Per Household: ALL AREAS**

| Q39 Total HH Trips | Number | Percent |
|---|---|---|
| 042 | 2 | 0.1 % |
| 043 | 1 | 0.0 % |
| 044 | 5 | 0.2 % |
| 048 | 1 | 0.0 % |
| 049 | 1 | 0.0 % |
| 051 | 1 | 0.0 % |
| 052 | 1 | 0.0 % |
| 058 | 1 | 0.0 % |
| 112 | 1 | 0.0 % |
| 191 | 1 | 0.0 % |
| Total | 3062 | 100.0 % |

*Appendix B:*
# *Person Data*

## **Gender**

| N=9570 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 9261 | 309 | 9570 |
| | 96.8% | 3.2% | 100.0% |
| | | | |
| Q6 Sex | | | |
| | | | |
| Male | 4474 | 140 | 4614 |
| | 48.3% | 45.3% | 48.2% |
| | | | |
| Female | 4787 | 169 | 4956 |
| | 51.7% | 54.7% | 51.8% |

## **Ethnicity of Survey Participants**

| N=9570 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 9261 | 309 | 9570 |
| | 96.8% | 3.2% | 100.0% |

Q7 Ethnicity

| | | | |
|---|---|---|---|
| Black/African | 148 | 1 | 149 |
| | 1.6% | 0.3% | 1.6% |
| Hispanic/Mexican | 6879 | 292 | 7171 |
| | 74.3% | 94.5% | 74.9% |
| Asian/Pacific Is | 62 | 0 | 62 |
| | 0.7% | 0.0% | 0.6% |
| Native American | 28 | 4 | 32 |
| | 0.3% | 1.3% | 0.3% |
| White/Caucasian | 1979 | 12 | 1991 |
| | 21.4% | 3.9% | 20.8% |
| Other Group | 165 | 0 | 165 |
| | 1.8% | 0.0% | 1.7% |

## **Age**

N=9570

| | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 9261 | 309 | 9570 |
| | 96.8% | 3.2% | 100.0% |

Q9 Age

| | | | |
|---|---|---|---|
| 4 and Under | 469 | 10 | 479 |
| | 5.1% | 3.2% | 5.0% |
| 5 thru 9 | 641 | 14 | 655 |
| | 6.9% | 4.5% | 6.8% |
| 10 thru 14 | 740 | 25 | 765 |
| | 8.0% | 8.1% | 8.0% |
| 15 thru 19 | 770 | 25 | 795 |
| | 8.3% | 8.1% | 8.3% |
| 20 thru 29 | 849 | 34 | 883 |
| | 9.2% | 11.0% | 9.2% |
| 30 thru 39 | 901 | 28 | 929 |
| | 9.7% | 9.1% | 9.7% |
| 40 thru 49 | 1235 | 38 | 1273 |
| | 13.3% | 12.3% | 13.3% |
| 50 thru 64 | 2058 | 69 | 2127 |
| | 22.2% | 22.3% | 22.2% |
| 65 thru 74 | 922 | 38 | 960 |
| | 10.0% | 12.3% | 10.0% |
| 75 and Over | 676 | 28 | 704 |
| | 7.3% | 9.1% | 7.4% |

**Licensed Driver Status**

| N=9570 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 9261 | 309 | 9570 |
| | 96.8% | 3.2% | 100.0% |
| Q10 Licensed Driver | | | |
| Yes | 6154 | 192 | 6346 |
| | 66.5% | 62.1% | 66.3% |
| No | 3107 | 117 | 3224 |
| | 33.5% | 37.9% | 33.7% |

## **Employment Status**

| N=9570 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 9261 | 309 | 9570 |
| | 96.8% | 3.2% | 100.0% |

Q11 Employment

| | | | |
|---|---|---|---|
| Yes | 3291 | 96 | 3387 |
| | 35.5% | 31.1% | 35.4% |
| No | 5970 | 213 | 6183 |
| | 64.5% | 68.9% | 64.6% |

## **Type of Employment**

| N=3387 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 3291 | 96 | 3387 |
| | 97.2% | 2.8% | 100.0% |

Q12 Employment Status

| | | | |
|---|---|---|---|
| Full time-30+ | 2346 | 58 | 2404 |
| | 71.3% | 60.4% | 71.0% |
| Part time-less than 30 | 543 | 27 | 570 |
| | 16.5% | 28.1% | 16.8% |
| Self-Employed Full-Time | 263 | 3 | 266 |
| | 8.0% | 3.1% | 7.9% |
| Self-Employed Part-Time | 139 | 8 | 147 |
| | 4.2% | 8.3% | 4.3% |

## **Hours Employed Per Week**

| N=3387 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 3291 | 96 | 3387 |
| | 97.2% | 2.8% | 100.0% |
| **Q13 Hours** | | | |
| 1-10 Hours | 80 | 3 | 83 |
| | 2.4% | 3.1% | 2.5% |
| 11-20 Hours | 363 | 11 | 374 |
| | 11.0% | 11.5% | 11.0% |
| 21-30 Hours | 417 | 24 | 441 |
| | 12.7% | 25.0% | 13.0% |
| 31-35 Hours | 113 | 3 | 116 |
| | 3.4% | 3.1% | 3.4% |
| 36-40 Hours | 1765 | 47 | 1812 |
| | 53.6% | 49.0% | 53.5% |
| 41 or More Hours | 553 | 8 | 561 |
| | 16.8% | 8.3% | 16.6% |

## **Reasons Not Employed**

| N=6183 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 5970 | 213 | 6183 |
| | 96.6% | 3.4% | 100.0% |

Q14 Not Employed

| | El Paso | New Mexico zip codes | Total |
|---|---|---|---|
| Retired | 1454 | 48 | 1502 |
| | 25.2% | 22.7% | 25.1% |
| Disability | 423 | 26 | 449 |
| | 7.3% | 12.3% | 7.5% |
| Homemaker | 852 | 32 | 884 |
| | 14.8% | 15.2% | 14.8% |
| Looking for work | 330 | 8 | 338 |
| | 5.7% | 3.8% | 5.7% |
| Not looking for work | 89 | 14 | 103 |
| | 1.5% | 6.6% | 1.7% |
| Student | 2482 | 78 | 2560 |
| | 43.0% | 37.0% | 42.8% |
| Other | 137 | 5 | 142 |
| | 2.4% | 2.4% | 2.4% |
| Refused | 1 | 0 | 1 |
| | 0.0% | 0.0% | 0.0% |

## **Delivery Drivers**

| N=3387 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 3291 | 96 | 3387 |
| | 97.2% | 2.8% | 100.0% |
| Q16 Delivery | | | |
| Yes | 167 | 5 | 172 |
| | 5.1% | 5.2% | 5.1% |
| No | 3124 | 91 | 3215 |
| | 94.9% | 94.8% | 94.9% |

## **Work Schedule**

| N=3387 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 3291 | 96 | 3387 |
| | 97.2% | 2.8% | 100.0% |
| Q17 Flex Time | | | |
| Flexible/ Variable | 1195 | 21 | 1216 |
| | 36.3% | 21.9% | 35.9% |
| Fixed/ Unchanging | 2096 | 75 | 2171 |
| | 63.7% | 78.1% | 64.1% |

**Percentage of Employed Participants with More than One Job**

| N=3387 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 3291 | 96 | 3387 |
| | 97.2% | 2.8% | 100.0% |

Q18 Job

| | | | |
|---|---|---|---|
| Yes | 67 | 0 | 67 |
| | 2.0% | 0.0% | 2.0% |
| No | 3224 | 96 | 3320 |
| | 98.0% | 100.0% | 98.0% |

## Primary Workplace Type

| N=3387 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 3291 | 96 | 3387 |
| | 97.2% | 2.8% | 100.0% |

### Q20 Workplace Type

| | | | |
|---|---|---|---|
| Office Non-government | 723 | 11 | 734 |
| | 22.0% | 11.5% | 21.7% |
| Office Government | 323 | 4 | 327 |
| | 9.8% | 4.2% | 9.7% |
| Retail/Shopping/gas | 437 | 12 | 449 |
| | 13.3% | 12.5% | 13.3% |
| Industrial/Mfg/warehouse | 314 | 20 | 334 |
| | 9.5% | 20.8% | 9.9% |
| Medical | 249 | 5 | 254 |
| | 7.6% | 5.2% | 7.5% |
| Education/DayCare/K-12 | 430 | 9 | 439 |
| | 13.1% | 9.4% | 13.0% |
| Education-College/trade school | 115 | 1 | 116 |
| | 3.5% | 1.0% | 3.4% |
| Residential | 267 | 12 | 279 |
| | 8.1% | 12.5% | 8.2% |
| Airport | 13 | 1 | 14 |
| | 0.4% | 1.0% | 0.4% |
| Eating Establishment | 176 | 9 | 185 |
| | 5.3% | 9.4% | 5.5% |
| Other | 244 | 12 | 256 |
| | 7.4% | 12.5% | 7.6% |

## Percentage of Employed Participants Who Have a Home Office

| N=3387 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 3291 | 96 | 3387 |
| | 97.2% | 2.8% | 100.0% |
| Q22 Home Office | | | |
| Yes | 284 | 7 | 291 |
| | 8.6% | 7.3% | 8.6% |
| No | 3007 | 89 | 3096 |
| | 91.4% | 92.7% | 91.4% |

## Percentage of Employed Participants Who Telecommute

| N=3387 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 3291 | 96 | 3387 |
| | 97.2% | 2.8% | 100.0% |
| Q23 Telecommute | | | |
| Yes | 341 | 1 | 342 |
| | 10.4% | 1.0% | 10.1% |
| No | 2950 | 95 | 3045 |
| | 89.6% | 99.0% | 89.9% |

## County Where Employed

| N=3387 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 3291 | 96 | 3387 |
| | 97.2% | 2.8% | 100.0% |

### Q26 Workplace County

| | | | |
|---|---|---|---|
| El Paso | 3126 | 53 | 3179 |
| | 95.9% | 56.4% | 94.8% |
| New Mexico zips | 67 | 41 | 108 |
| | 2.1% | 43.6% | 3.2% |
| Other | 47 | 0 | 47 |
| | 1.4% | 0.0% | 1.4% |
| Don't know | 4 | 0 | 4 |
| | 0.1% | 0.0% | 0.1% |
| Refused | 14 | 0 | 14 |
| | 0.4% | 0.0% | 0.4% |

## **Days Worked Per Week**

| N=3387 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 3291 | 96 | 3387 |
| | 97.2% | 2.8% | 100.0% |

Q32 Days Worked

| 1 Day | 23 | 3 | 26 |
|---|---|---|---|
| | 0.7% | 3.1% | 0.8% |
| 2 Days | 92 | 6 | 98 |
| | 2.8% | 6.3% | 2.9% |
| 3 Days | 283 | 23 | 306 |
| | 8.6% | 24.0% | 9.0% |
| 4 Days | 293 | 10 | 303 |
| | 8.9% | 10.4% | 8.9% |
| 5 Days | 2238 | 49 | 2287 |
| | 68.0% | 51.0% | 67.5% |
| 6 Days | 232 | 5 | 237 |
| | 7.0% | 5.2% | 7.0% |
| 7 Days | 130 | 0 | 130 |
| | 4.0% | 0.0% | 3.8% |

## **Days Worked at Home**

| N=3387 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 3291 | 96 | 3387 |
| | 97.2% | 2.8% | 100.0% |

Q33 Work at Home

| | | | |
|---|---|---|---|
| Did not work at home | 2977 | 95 | 3072 |
| | 90.5% | 99.0% | 90.7% |
| 1 Day | 47 | 0 | 47 |
| | 1.4% | 0.0% | 1.4% |
| 2 Days | 41 | 1 | 42 |
| | 1.2% | 1.0% | 1.2% |
| 3 Days | 41 | 0 | 41 |
| | 1.2% | 0.0% | 1.2% |
| 4 Days | 38 | 0 | 38 |
| | 1.2% | 0.0% | 1.1% |
| 5 Days | 81 | 0 | 81 |
| | 2.5% | 0.0% | 2.4% |
| 6 Days | 23 | 0 | 23 |
| | 0.7% | 0.0% | 0.7% |
| 7 Days | 42 | 0 | 42 |
| | 1.3% | 0.0% | 1.2% |

## Second Workplace Type

| N=67 | county | Total |
|------|--------|-------|
|  | El Paso |  |
| Total | 67 | 67 |
|  | 100.0% | 100.0% |

Q34 Second Job Type

| Office Non-government | 11 | 11 |
|------|------|------|
|  | 16.4% | 16.4% |
| Office Government | 8 | 8 |
|  | 11.9% | 11.9% |
| Retail/Shopping | 9 | 9 |
|  | 13.4% | 13.4% |
| Industrial/Mfg | 1 | 1 |
|  | 1.5% | 1.5% |
| Medical | 5 | 5 |
|  | 7.5% | 7.5% |
| Education/K-12 | 2 | 2 |
|  | 3.0% | 3.0% |
| Education-College | 8 | 8 |
|  | 11.9% | 11.9% |
| Residential | 7 | 7 |
|  | 10.4% | 10.4% |
| Airport | 1 | 1 |
|  | 1.5% | 1.5% |
| Eating Establish | 5 | 5 |
|  | 7.5% | 7.5% |
| Other | 10 | 10 |
|  | 14.9% | 14.9% |

## Secondary Job Status

| N=67 | county | Total |
|---|---|---|
| | El Paso | |
| Total | 67 | 67 |
| | 100.0% | 100.0% |

Q36 Second Job Employment Status

| | | |
|---|---|---|
| Full Time | 2 | 2 |
| | 3.0% | 3.0% |
| Part Time | 47 | 47 |
| | 70.1% | 70.1% |
| Self-Employed Full-Time | 3 | 3 |
| | 4.5% | 4.5% |
| Self-Employed Part-Time | 15 | 15 |
| | 22.4% | 22.4% |

## **Primary Occupation**

| N=3387 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 3291 | 96 | 3387 |
| | 97.2% | 2.8% | 100.0% |

Q38 Primary Occupation

| | | | |
|---|---|---|---|
| Management, professional, related | 967 | 15 | 982 |
| | 29.4% | 15.6% | 29.0% |
| Service | 1475 | 46 | 1521 |
| | 44.8% | 47.9% | 44.9% |
| Sales and Office | 472 | 10 | 482 |
| | 14.3% | 10.4% | 14.2% |
| Farming/Fishing/forestry | 8 | 1 | 9 |
| | 0.2% | 1.0% | 0.3% |
| Construction | 189 | 9 | 198 |
| | 5.7% | 9.4% | 5.8% |
| Production/ Transportation | 180 | 15 | 195 |
| | 5.5% | 15.6% | 5.8% |

## **Primary Industry**

| N=3387 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 3291 | 96 | 3387 |
| | 97.2% | 2.8% | 100.0% |

Q39 Primary Industry

| | | | |
|---|---|---|---|
| Agriculture | 16 | 2 | 18 |
| | 0.5% | 2.1% | 0.5% |
| Construction | 171 | 7 | 178 |
| | 5.2% | 7.3% | 5.3% |
| Manufacturing | 161 | 8 | 169 |
| | 4.9% | 8.3% | 5.0% |
| Wholesale trade | 27 | 0 | 27 |
| | 0.8% | 0.0% | 0.8% |
| Retail trade | 456 | 8 | 464 |
| | 13.9% | 8.3% | 13.7% |
| Transportation | 248 | 10 | 258 |
| | 7.5% | 10.4% | 7.6% |
| Information | 80 | 2 | 82 |
| | 2.4% | 2.1% | 2.4% |
| Finance/Insurance | 197 | 5 | 202 |
| | 6.0% | 5.2% | 6.0% |
| Professional | 253 | 3 | 256 |
| | 7.7% | 3.1% | 7.6% |
| Education/Health | 929 | 16 | 945 |
| | 28.2% | 16.7% | 27.9% |

## **Primary Industry**

N=3387

| | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |

Q39 Primary Industry   (Cont.)

| | | | |
|---|---|---|---|
| Arts/Entertainment | 253 | 14 | 267 |
| | 7.7% | 14.6% | 7.9% |
| Other services | 410 | 21 | 431 |
| | 12.5% | 21.9% | 12.7% |
| Public Admin | 90 | 0 | 90 |
| | 2.7% | 0.0% | 2.7% |

## **Secondary Occupation**

| N=67 | county | Total |
|------|--------|-------|
| | El Paso | |
| Total | 67 | 67 |
| | 100.0% | 100.0% |

<u>Q40 Secondary Occupation</u>

| | | |
|------|------|------|
| Management | 13 | 13 |
| | 19.4% | 19.4% |
| Service | 42 | 42 |
| | 62.7% | 62.7% |
| Sales and Office | 10 | 10 |
| | 14.9% | 14.9% |
| Construction | 1 | 1 |
| | 1.5% | 1.5% |
| Production/Trans | 1 | 1 |
| | 1.5% | 1.5% |

## **Secondary Industry**

| N=67 | county | Total |
|---|---|---|
| | El Paso | |
| Total | 67 | 67 |
| | 100.0% | 100.0% |

Q41 Secondary Industry

| | | |
|---|---|---|
| Agriculture | 1 | 1 |
| | 1.5% | 1.5% |
| Construction | 1 | 1 |
| | 1.5% | 1.5% |
| Retail trade | 9 | 9 |
| | 13.4% | 13.4% |
| Transportation | 2 | 2 |
| | 3.0% | 3.0% |
| Information | 2 | 2 |
| | 3.0% | 3.0% |
| Finance/Insurance | 6 | 6 |
| | 9.0% | 9.0% |
| Professional/scientific | 3 | 3 |
| | 4.5% | 4.5% |
| Education/Health | 16 | 16 |
| | 23.9% | 23.9% |
| Arts/Entertainment | 10 | 10 |
| | 14.9% | 14.9% |
| Other services | 15 | 15 |
| | 22.4% | 22.4% |
| Public Administration | 2 | 2 |
| | 3.0% | 3.0% |

## **Student Status**

| N=9570 | county | | Total |
| --- | --- | --- | --- |
| | El Paso | New Mexico zip codes | |
| Total | 9261 | 309 | 9570 |
| | 96.8% | 3.2% | 100.0% |
| Q42 Student Status | | | |
| Yes | 2849 | 85 | 2934 |
| | 30.8% | 27.5% | 30.7% |
| No | 6412 | 224 | 6636 |
| | 69.2% | 72.5% | 69.3% |

## **School Type**

| N=2934 | county | | Total |
| --- | --- | --- | --- |
| | El Paso | New Mexico zip codes | |
| Total | 2849 | 85 | 2934 |
| | 97.1% | 2.9% | 100.0% |
| Q43 School Type | | | |
| Day Care/Pre-school | 132 | 3 | 135 |
| | 4.6% | 3.5% | 4.6% |
| K-12th | 1916 | 61 | 1977 |
| | 67.3% | 71.8% | 67.4% |
| Post Secondary/college/ trade | 709 | 21 | 730 |
| | 24.9% | 24.7% | 24.9% |
| Other | 92 | 0 | 92 |
| | 3.2% | 0.0% | 3.1% |

## Number of Days Used Bike in Past Week

| N=9570 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 9261 | 309 | 9570 |
| | 96.8% | 3.2% | 100.0% |

Q46 Bike Use

| | | | |
|---|---|---|---|
| 00 | 8672 | 303 | 8975 |
| | 93.6% | 98.1% | 93.8% |
| 01 | 110 | 1 | 111 |
| | 1.2% | 0.3% | 1.2% |
| 02 | 175 | 1 | 176 |
| | 1.9% | 0.3% | 1.8% |
| 03 | 120 | 0 | 120 |
| | 1.3% | 0.0% | 1.3% |
| 04 | 44 | 0 | 44 |
| | 0.5% | 0.0% | 0.5% |
| 05 | 40 | 0 | 40 |
| | 0.4% | 0.0% | 0.4% |
| 06 | 17 | 1 | 18 |
| | 0.2% | 0.3% | 0.2% |
| 07 | 83 | 3 | 86 |
| | 0.9% | 1.0% | 0.9% |

## **Purpose for Using Bike**

N=595

| | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico zip codes | |
| Total | 589 | 6 | 595 |
| | 99.0% | 1.0% | 100.0% |

Q47 Bike Purpose

| | | | |
|---|---|---|---|
| Work | 5 | 1 | 6 |
| | 0.8% | 16.7% | 1.0% |
| School | 24 | 0 | 24 |
| | 4.1% | 0.0% | 4.0% |
| Shopping | 3 | 0 | 3 |
| | 0.5% | 0.0% | 0.5% |
| Visiting | 2 | 0 | 2 |
| | 0.3% | 0.0% | 0.3% |
| Recreation/exercise | 555 | 5 | 560 |
| | 94.2% | 83.3% | 94.1% |

## Disability Status

| N=9570 | county | | Total |
| --- | --- | --- | --- |
| | El Paso | New Mexico zip codes | |
| Total | 9261 | 309 | 9570 |
| | 96.8% | 3.2% | 100.0% |
| Q48 Disability | | | |
| Yes | 542 | 12 | 554 |
| | 5.9% | 3.9% | 5.8% |
| No | 8719 | 297 | 9016 |
| | 94.1% | 96.1% | 94.2% |

## Travel on Designated Travel Day

| N=9570 | county | | Total |
| --- | --- | --- | --- |
| | El Paso | New Mexico zip codes | |
| Total | 9261 | 309 | 9570 |
| | 96.8% | 3.2% | 100.0% |
| Q49 Travel | | | |
| Yes | 7520 | 258 | 7778 |
| | 81.2% | 83.5% | 81.3% |
| No | 1578 | 48 | 1626 |
| | 17.0% | 15.5% | 17.0% |
| Out of area | 163 | 3 | 166 |
| | 1.8% | 1.0% | 1.7% |

*Appendix C:*
# *Vehicle Data*

## **Type of Vehicle**

| N=6318 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico Zip Codes | |
| Total | 6140 | 178 | 6318 |
| | 97.2% | 2.8% | 100.0% |

Q4 Type of Vehicle

| | El Paso | New Mexico Zip Codes | Total |
|---|---|---|---|
| Motorcycle | 56 | 0 | 56 |
| | 0.9% | 0.0% | 0.9% |
| Car | 2965 | 81 | 3046 |
| | 48.3% | 45.5% | 48.2% |
| Van | 514 | 18 | 532 |
| | 8.4% | 10.1% | 8.4% |
| Sport Utility | 1174 | 24 | 1198 |
| | 19.1% | 13.5% | 19.0% |
| Pickup Truck | 1406 | 50 | 1456 |
| | 22.9% | 28.1% | 23.0% |
| Cargo Van | 2 | 0 | 2 |
| | 0.0% | 0.0% | 0.0% |
| Commercial Cargo Transport Vehicle | 5 | 0 | 5 |
| | 0.1% | 0.0% | 0.1% |
| Commercial Service Vehicle | 7 | 2 | 9 |
| | 0.1% | 1.1% | 0.1% |
| Other | 4 | 0 | 4 |
| | 0.1% | 0.0% | 0.1% |
| Don't Know | 7 | 3 | 10 |
| | 0.1% | 1.7% | 0.2% |

## **Year of Vehicle**

| Q6 Year | Number | Percent |
|---|---|---|
| 1940 | 1 | 0.0 % |
| 1948 | 1 | 0.0 % |
| 1949 | 1 | 0.0 % |
| 1951 | 1 | 0.0 % |
| 1952 | 1 | 0.0 % |
| 1953 | 2 | 0.0 % |
| 1955 | 2 | 0.0 % |
| 1956 | 3 | 0.0 % |
| 1957 | 1 | 0.0 % |
| 1958 | 1 | 0.0 % |
| 1960 | 2 | 0.0 % |
| 1963 | 1 | 0.0 % |
| 1964 | 3 | 0.0 % |
| 1965 | 7 | 0.1 % |
| 1966 | 7 | 0.1 % |
| 1967 | 1 | 0.0 % |
| 1968 | 4 | 0.1 % |
| 1969 | 3 | 0.0 % |
| 1970 | 3 | 0.0 % |
| 1971 | 3 | 0.0 % |
| 1972 | 6 | 0.1 % |
| 1973 | 6 | 0.1 % |
| 1974 | 8 | 0.1 % |
| 1975 | 7 | 0.1 % |
| 1976 | 5 | 0.1 % |
| 1977 | 2 | 0.0 % |
| 1978 | 3 | 0.0 % |
| 1979 | 9 | 0.1 % |
| 1980 | 18 | 0.3 % |
| 1981 | 14 | 0.2 % |
| 1982 | 8 | 0.1 % |
| 1983 | 9 | 0.1 % |
| 1984 | 21 | 0.3 % |
| 1985 | 28 | 0.4 % |
| 1986 | 24 | 0.4 % |
| 1987 | 24 | 0.4 % |
| 1988 | 33 | 0.5 % |
| 1989 | 45 | 0.7 % |
| 1990 | 50 | 0.8 % |
| 1991 | 50 | 0.8 % |
| 1992 | 73 | 1.2 % |
| 1993 | 67 | 1.1 % |
| 1994 | 96 | 1.5 % |
| 1995 | 154 | 2.4 % |
| 1996 | 149 | 2.4 % |
| 1997 | 160 | 2.5 % |
| 1998 | 228 | 3.6 % |
| 1999 | 297 | 4.7 % |
| 2000 | 430 | 6.8 % |
| 2001 | 316 | 5.0 % |
| 2002 | 382 | 6.0 % |
| 2003 | 358 | 5.7 % |
| 2004 | 381 | 6.0 % |
| 2005 | 410 | 6.5 % |
| 2006 | 376 | 6.0 % |
| 2007 | 394 | 6.2 % |
| 2008 | 376 | 6.0 % |

## **Year of Vehicle**

| Q6 Year | Number | Percent |
|---|---|---|
| 2009 | 280 | 4.4 % |
| 2010 | 250 | 4.0 % |
| 2011 | 87 | 1.4 % |
| 2012 | 2 | 0.0 % |
| Don't Know | 633 | 10.0 % |
| Refused | 1 | 0.0 % |
| Total | 6318 | 100.0 % |

## **Make of Vehicle**

| N=6318 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico Zip Codes | |
| Total | 6140 | 178 | 6318 |
| | 97.2% | 2.8% | 100.0% |

### Q7 Make

| | | | |
|---|---|---|---|
| Acura | 31 | 0 | 31 |
| | 0.5% | 0.0% | 0.5% |
| Audi | 7 | 0 | 7 |
| | 0.1% | 0.0% | 0.1% |
| BMW | 34 | 0 | 34 |
| | 0.6% | 0.0% | 0.5% |
| Buick | 131 | 4 | 135 |
| | 2.1% | 2.2% | 2.1% |
| Cadillac | 69 | 2 | 71 |
| | 1.1% | 1.1% | 1.1% |
| Chevrolet | 1024 | 37 | 1061 |
| | 16.7% | 20.8% | 16.8% |
| Chrysler | 139 | 3 | 142 |
| | 2.3% | 1.7% | 2.2% |
| Dodge | 377 | 8 | 385 |
| | 6.1% | 4.5% | 6.1% |
| Ford | 1109 | 49 | 1158 |
| | 18.1% | 27.5% | 18.3% |
| Geo | 7 | 0 | 7 |
| | 0.1% | 0.0% | 0.1% |

## **Make of Vehicle**

| N=6318 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico Zip Codes | |

Q7 Make   (Cont.)

| | | | |
|---|---|---|---|
| GMC | 230 | 5 | 235 |
| | 3.7% | 2.8% | 3.7% |
| Harley Davidson | 29 | 0 | 29 |
| | 0.5% | 0.0% | 0.5% |
| Honda | 534 | 15 | 549 |
| | 8.7% | 8.4% | 8.7% |
| Hyundai | 186 | 3 | 189 |
| | 3.0% | 1.7% | 3.0% |
| Infiniti | 29 | 0 | 29 |
| | 0.5% | 0.0% | 0.5% |
| Isuzu | 27 | 0 | 27 |
| | 0.4% | 0.0% | 0.4% |
| Jaguar | 5 | 0 | 5 |
| | 0.1% | 0.0% | 0.1% |
| Jeep | 138 | 2 | 140 |
| | 2.2% | 1.1% | 2.2% |
| Kawasaki | 3 | 0 | 3 |
| | 0.0% | 0.0% | 0.0% |
| KIA | 63 | 1 | 64 |
| | 1.0% | 0.6% | 1.0% |
| Lexus | 64 | 0 | 64 |
| | 1.0% | 0.0% | 1.0% |
| Lincoln | 64 | 0 | 64 |
| | 1.0% | 0.0% | 1.0% |

## Make of Vehicle

| N=6318 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico Zip Codes | |

### Q7 Make   (Cont.)

| | El Paso | New Mexico Zip Codes | Total |
|---|---|---|---|
| Mazda | 75<br>1.2% | 1<br>0.6% | 76<br>1.2% |
| Mercury | 57<br>0.9% | 1<br>0.6% | 58<br>0.9% |
| Mercedes-Benz | 40<br>0.7% | 1<br>0.6% | 41<br>0.6% |
| Mitsubishi | 56<br>0.9% | 0<br>0.0% | 56<br>0.9% |
| Nissan/Datsun | 367<br>6.0% | 7<br>3.9% | 374<br>5.9% |
| Oldsmobile | 49<br>0.8% | 2<br>1.1% | 51<br>0.8% |
| Plymouth | 27<br>0.4% | 2<br>1.1% | 29<br>0.5% |
| Pontiac | 107<br>1.7% | 3<br>1.7% | 110<br>1.7% |
| Porsche | 3<br>0.0% | 0<br>0.0% | 3<br>0.0% |
| Range/Land Rover | 5<br>0.1% | 0<br>0.0% | 5<br>0.1% |
| Saab | 3<br>0.0% | 0<br>0.0% | 3<br>0.0% |
| Saturn | 72<br>1.2% | 3<br>1.7% | 75<br>1.2% |

## Make of Vehicle

| N=6318 | county | | Total |
| --- | --- | --- | --- |
| | El Paso | New Mexico Zip Codes | |

### Q7 Make   (Cont.)

| | El Paso | New Mexico Zip Codes | Total |
| --- | --- | --- | --- |
| Subaru | 23 | 1 | 24 |
| | 0.4% | 0.6% | 0.4% |
| Suzuki | 41 | 1 | 42 |
| | 0.7% | 0.6% | 0.7% |
| Toyota | 512 | 12 | 524 |
| | 8.3% | 6.7% | 8.3% |
| Volkswagon | 62 | 1 | 63 |
| | 1.0% | 0.6% | 1.0% |
| Volvo | 10 | 1 | 11 |
| | 0.2% | 0.6% | 0.2% |
| Yamaha | 2 | 0 | 2 |
| | 0.0% | 0.0% | 0.0% |
| Alfa Romeo | 2 | 0 | 2 |
| | 0.0% | 0.0% | 0.0% |
| Daihatsu | 1 | 0 | 1 |
| | 0.0% | 0.0% | 0.0% |
| Merkur | 2 | 0 | 2 |
| | 0.0% | 0.0% | 0.0% |
| MG | 2 | 0 | 2 |
| | 0.0% | 0.0% | 0.0% |
| Peterbuilt | 1 | 0 | 1 |
| | 0.0% | 0.0% | 0.0% |
| Triumph | 1 | 0 | 1 |
| | 0.0% | 0.0% | 0.0% |

**Make of Vehicle**

| N=6318 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico Zip Codes | |

Q7 Make   (Cont.)

| | El Paso | New Mexico Zip Codes | Total |
|---|---|---|---|
| Other Make Motor | 1 | 0 | 1 |
| | 0.0% | 0.0% | 0.0% |
| Other | 9 | 0 | 9 |
| | 0.1% | 0.0% | 0.1% |
| Don't Know | 308 | 13 | 321 |
| | 5.0% | 7.3% | 5.1% |
| Refused | 1 | 0 | 1 |
| | 0.0% | 0.0% | 0.0% |

## Type of Fuel Used

| N=6318 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico Zip Codes | |
| Total | 6140 | 178 | 6318 |
| | 97.2% | 2.8% | 100.0% |

### Q10 Type of Fuel

| | | | |
|---|---|---|---|
| Gasoline | 6056 | 173 | 6229 |
| | 98.6% | 97.2% | 98.6% |
| Diesel | 59 | 2 | 61 |
| | 1.0% | 1.1% | 1.0% |
| Electricity | 2 | 0 | 2 |
| | 0.0% | 0.0% | 0.0% |
| Gas/Electric | 18 | 0 | 18 |
| | 0.3% | 0.0% | 0.3% |
| Don't Know | 4 | 3 | 7 |
| | 0.1% | 1.7% | 0.1% |
| Refused | 1 | 0 | 1 |
| | 0.0% | 0.0% | 0.0% |

## Percentage of Vehicles Used for Commercial Purposes

| N=6318 | county | | Total |
|---|---|---|---|
| | El Paso | New Mexico Zip Codes | |
| Total | 6140 | 178 | 6318 |
| | 97.2% | 2.8% | 100.0% |
| **Q12 Commercial Use** | | | |
| Yes | 148 | 4 | 152 |
| | 2.4% | 2.2% | 2.4% |
| No | 5990 | 171 | 6161 |
| | 97.6% | 96.1% | 97.5% |
| Don't Know | 2 | 3 | 5 |
| | 0.0% | 1.7% | 0.1% |

*Appendix D:*
# *Recruitment Script*

**INTRO**

READ: **"This is [YOUR NAME]. I'm calling for the (speak slow and clear for name recognition) Texas Department of Transportation.. <u>We are not selling anything</u>. The reason I am calling is that we need input from residents to plan transportation improvements in the El Paso metropolitan area. Would you have a few minutes to help us with this study?"**

| 01 | Yes | **(GO TO SCRIPT)** |
|----|-----|-----|
| 02 | No | **(GO TO OTHER TIME)** |

**OTHERTIME** When would be a good time to call you back?

Day: _____          Hour: _____

READ: "Thank you for your time we will call you back on [Day] at [Hour].

**SCRIPT**

**"Thank you. Your household was selected at random to participate in a household activity/travel survey that will be used by the Texas Department of Transportation to plan new and improved transportation facilities for residents of the region."**

**"Since travel patterns in our region are often related to household size, vehicle availability and income, I am going to ask you a few demographic questions to ensure that our sample is representative of the households in the region. All of the information you provide will be kept <u>completely confidential</u>."**

**H8: Advance Letter**

**"Do you remember receiving a letter in the mail recently about this project?"**

| 01 | Yes | **(GO TO 18YEARS)** |
|----|-----|-----|
| 02 | No | **(GO TO RESEND)** |
| 03 | No Letter Sent | **(GO TO RESEND)** |
| | | |
| 98 | Don't Know | **(GO TO 18YEARS)** |
| 99 | Refused | **(GO TO 18 YEARS)** |

**RESEND** "We will send you another letter in the next days that will provide more information about this study. Are you willing to continue now without the letter"
**(TERMINATE)**
(PROGRAMMER: Include only if H8 = 02/03)

| 01 | Yes | **(GO TO 18YEARS)** |
|----|-----|-----|
| 02 | No | **(GO TO CONFIRM)** |

**CONFIRM**  **"We will send you another letter in a few days.  Can I confirm that your home mailing address is [HOME ADDRESS]"?**  If Different:  Enter Correct Address:

(PROGRAMMER:  Include only if RESEND = 02)

Street: _____   Apt: _____

City: _____   State: ____   Zip: _____

READ:  **"Thank you for your time we will call you back on [Day] at [Hour]."**

**18YEARS**

**Are you a member of this household and at least 18 years old?**
01    Yes                        **(GO TO COUNTY)**
02    Not ready/Adult unavailable    **(GO TO OTHERTIME)**

**COUNTY**

**What COUNTY do you live in?**  (DO NOT READ LIST)

01    El Paso         (GO TO PURPOSE)

11    OTHER         **(GO TO AREA_TRM)**

98    Don't Know     **(TERMINATE)**
99    Refused         **(TERMINATE)**

**AREA_TRM**

"**Unfortunately, your household is not eligible for this survey because your home is located outside of the survey region.  Thank you for your time**."   **(TERMINATE)**

**PURPOSE**

**"By providing information on your household's travel, it will help TxDOT and local communities better plan for the transportation needs of El Paso and the surrounding areas.  Members of your household will receive a diary to easily record activity and travel information for a 24-hour period.  The diary will ask you what locations you visited and how you traveled from one location to the next.  After the one-day travel period, an interviewer will call back to collect the information over the phone.**

**Can we count on your support for this important survey?**

1    Yes – Continue            **(GO TO H16)**
2    No –  Unwilling to participate  **(TERMINATE)**

## HOUSEHOLD INFORMATION FILE

### H16:  NUMBER PERSONS

**"Including yourself, how many people live in your household?  Please do NOT include anyone who usually lives elsewhere or is just visiting, such as a college student away at school."** (INTERVIEWER:  Include roommates and housemates.  Do NOT include children living away from home.)  (RECORD TOTAL NUMBER OF HOUSEHOLD MEMBERS)

__ __     (PROGRAMMER:  Allow 1 to 15.)

### H17: NUMBER EMPLOYED PERSONS

**"How many persons in your household, including yourself, are currently employed either full or part time?"**

__ __   persons   (PROGRAMMER:  Must be equal to, or less than, H16.)

### H18:  VEHICLE AVAILABLE

**"To understand your household's travel, we need some information about the vehicles available to your household.  Please count all owned and leased cars, vans, trucks, motorcycles, and mopeds that are working, as well as vehicles available for REGULAR USE to your household, such as company vehicles.  How many working vehicles do you have available to members of your household?"** (RECORD NUMBER OF HOUSEHOLD VEHICLES AVAILABLE)

__ __   number of vehicles  (PROGRAMMER:  Allow up to 10.)
98     Don't Know     **(GO TO H20)**
99     Refused         **(GO TO H20)**

### H19:  VEHICLES OWNED

**"How many of these vehicles are owned by you or other members of your household?  Consider vehicles that are being leased or for which the household is making payments on a loan to pay for the vehicle as being owned."**

__ __   number of vehicles owned  (PROGRAMMER:  Allow up to 10.)
98     Don't Know     **(GO TO H20)**
99     Refused         **(GO TO H20)**

## VEHICLE INFORMATION FILE

**VEHINTRO**

READ: **"Now I have a few questions about each of these vehicles. Let's start with the newest vehicle.**

**V4: TYPE OF VEHICLE**

**"What TYPE vehicle is (Vehicle_#)? Is it a:"**

| | |
|---|---|
| 01 | Motorcycle (includes mopeds) |
| 02 | Car (includes station wagons) |
| 03 | Van (mini and passenger) |
| 04 | Sport Utility Vehicle |
| 05 | Pickup Truck |
| 06 | Cargo Transport Vehicle (a vehicle used to carry commercial goods and cargo) |
| 07 | Service Vehicle (like those used by plumbers, electricians, or telephone/cable repair men) |
| 09 | Other **(Go to V5)** |
| | |
| 98 | Don't Know |
| 99 | Refused |

**V5: OTHER**

Other: Specify _____

(PROGRAMMER: Include only if V4 = 08.)

| | |
|---|---|
| 998 | Don't Know |
| 999 | Refused |

**V6: YEAR**

**"What is the year of (Vehicle_#)?"** (INTERVIEWER: 1930 to 2005 allowed.)

__ __ __ __ (PROGRAMMER: Allow 1930 to 2004, 9998, 9999.)

| | |
|---|---|
| 9998 | Don't Know |
| 9999 | Refused |

**V7: MAKE**

**"What is the make of (Vehicle_#)?"**

(PROGRAMMER: Allow 01 to 99.)

| | | |
|---|---|---|
| 01 – Acura | 29 – Plymouth | 57 – Gillig |
| 02 – Audi | 30 – Pontiac | 58 – Grumman |
| 03 – BMW | 31 – Porsche | 59 – Imperial |
| 04 – Buick | 32 – Range/Land Rover | 60 – Interntl Harvester / Navistar |
| 05 – Cadillac | 33 – Saab | 61 – Iveco / Magirus |
| 06 – Chevrolet | 34 – Saturn | 62 – Kenworth |
| 07 – Chrysler | 35 – Subaru | 63 – Lancia |
| 08 – Dodge | 36 – Suzuki | 64 – Mack |
| 09 – Ford | 37 – Toyota | 65 – MCI |
| 10 – Geo | 38 – Volkswagen | 66 – Merkur |
| 11 – GMC | 39 – Volvo | 67 – MG |

| | | |
|---|---|---|
| 12 – Harley Davidson | 40 – Yamaha | 68 – Moto-Guzzi |
| 13 – Honda | 41 – Daewoo | 69 – Norton |
| 14 – Hyundai | 42 – Alfa Romeo | 70 – Peterbuilt |
| 15 – Infiniti | 43 – AM General | 71 – Peugeot |
| 16 – Isuzu | 44 – AMC | 72 – Renault |
| 17 – Jaguar | 45 – Austin/Austin Healey | 73 – Sterling |
| 18 – Jeep | 46 – Bluebird | 74 – Thomas Built |
| 19 – Kawasaki | 47 – Brockway | 75 – Triumph |
| 20 – KIA | 48 – BSA | 76 – White / Autocar-White GMC |
| 21 – Lexus | 49 – Daihatsu | 77 – Yugo |
| 22 – Lincoln | 50 – Diamond Reo / Reo | 78 – Other Make Moped |
| 23 – Mazda | 51 – Ducati | 79 – Other Make Motorcycle |
| 24 – Mercury | 52 – Eagle | 97 – Other (specify) **(Go to V8)** |
| 25 – Mercedes-Benz | 53 – Eagle Coach | 98 – Don't Know |
| 26 – Mitsubishi | 54 – Fiat | 99 – Refused |
| 27 – Nissan/Datsun | 55 – Freightliner | |
| 28 – Oldsmobile | 56 – FWD | |

## V8: OTHER

Other:  Specify _____
(PROGRAMMER:  Include only if V7 = 97)

998      Don't Know
999      Refused


## V 9:  MODEL

**"What model is (Vehicle_#)?** If they don't understand the term "model" read:  **"A model would be like a Voyager, Camry, F150 Pickup, and Suburban"**

99996  Model:  Specify _____

99998  Don't Know
99999  Refused


## V10:  FUEL

"**What type of fuel does (Vehicle_#) use?"**
(DO NOT READ LIST.  PROMPT, IF NEEDED.)
1        Gasoline
2        Diesel
3        Propane
4        Natural gas
5        Electricity
6        Other (Specify _____) **(Go to V11)**
8        Don't Know
9        Refused


## V11:  OTHER

Other:  Specify _____
(PROGRAMMER:  Include only if V10 = 6.)

998      Don't Know
999      Refused

**V12:  COMMERCIAL USE**
"**Is (Vehicle_#) used for commercial or business purposes? (EXAMPLES: Contractors or self-employed persons such as independent plumbers, landscapers, builders/remodelers, etc. who carry their equipment and tools to do their job and make money. This could also include delivery drivers, but not someone (i.e., white collar) who uses their personal vehicle for business travel.)**"
01     Yes
02     No

98     Don't Know
99     Refused

**V15:  OWNERSHIP**
"**Is (Vehicle_#) owned or leased by YOU or someone in your household, or by ANOTHER PERSON?**"  (LEASED VEHICLES ARE CONSIDERED "OWNED")
(DO NOT READ LIST)
01     Owned/Leased by respondent or someone in household
02     Owned/Leased by another person

98     Don't Know
99     Refused

**LIGHTER**     **Does (Vehicle_#) have a WORKING cigarette lighter or power outlet?**
01     Yes
02     No

98     Don't Know
99     Refused

**V13: ODOMETER**
"**What is the odometer reading on (Vehicle+#)?**

_____

(PROGRAMMER:  Allow 0-99999999)

98     Don't Know
99     Refused

Note:  If Households Has More than 1 Vehicle, repeat Vehicle Information Questions for each Vehicle.

PROGRAMMER:  REPEAT VEHICLE INFORMATION QUESTIONS (BEGIN AT V4)
FOR EACH VEHICLE IN THE HOUSEHOLD (THRU V13)

**H20:  BIKES**

"**How many working BICYCLES are available for use by members of your household?**"
(RECORD NUMBER OF BICYCLES)

__ __    (PROGRAMMER:  Allow up to 10.)
98    Don't Know
99    Refused

**H21:  RESIDENCE**

"**Do you live in an …?**"
(READ LIST)

01    Unattached Single Family Home
02    Condo
03    Duplex
04    Apartment
05    Mobile Home
06    Other  **(Go to H22)**
98    Don't Know
99    Refused

**H22:  OTHER**

Other Specify _____
(PROGRAMMER:  Include only if H21 = 06.)

998    Don't Know
999    Refused

**H23:  TENURE**

"**How many years have you lived in this home?**"
(DO NOT READ LIST.  PROMPT, IF NEEDED.)

00    Less than one year
01    1 year
02    2 years
03    3 years
04    4 years
05    5 or more years

98    Don't Know
99    Refused

**H24:  PREVIOUS RESIDENCE**

"**Was your previous residence in the El Paso Area?**"
(PROGRAMMER:  Include only if H23 = 04 or less.)

1    Yes
2    No
8    Don't Know
9    Refused

## H25:  PREVIOUS ZIP CODE

"In what zip code was your previous residence located?"
(PROGRAMMER:  Include only if H23 = 04 or less.)


__ __ __ __ __   (PROGRAMMER:  ALLOW 01001 to 99900, 99999)
9999    Don't Know
99999   Refused


## H26: HH FACTORS

"Which of the following factors MOST influenced your decision to move to your current home?"  (READ LIST – ENTER ALL THAT APPLY))
01      Price of Property / Rent
02      Taxes
03      Proximity to Work
04      School District
05      Proximity to School
06      Character of Neighborhood or Area
07      Access to Public Transportation
08      Security / Safety
09      Other    **(Go to H27)**

98      Don't Know
99      Refused


## H27: OTHER HH FACTORS

Other Specify _____
(PROGRAMMER:  Include only if H26 = 09.)

998     Don't Know
999     Refused


## H28: ANNUAL HH INCOME

"In order to be sure that the survey accurately represents all residents of the El Paso area could you tell me if the combined annual income for your HOUSEHOLD is …?  (IF NEEDED:  "I understand your reluctance to divulge your household income.  However, I can assure you that this information is used for classification purposes only.  We must be sure that our survey accurately represents residents of the region, and income is an important factor in projecting transportation needs.")
(READ LIST)

01 – $0 to $14,999        04 - $40,000 to $69,999        98 – Don't Know
02 - $15,000 to $24,999   05 - $70,000+                  99 – Refused
03 - $25,000 to $39,999

### H32: DELIVERY VEHICLE

**"Does anyone in your household drive some form of delivery or commercial service vehicle?"**

01      Yes
02      No

98      Don't Know
99      Refused

### H33: NUMBER DELIVERY DRIVERS

**"How many people in your household drive a delivery or commercial service vehicle in the El Paso area as part of their job?"**

(RECORD NUMBER OF PEOPLE)

__ __    number of delivery drivers  (PROGRAMMER:  Allow up to 10.)

98      Don't Know
99      Refused

### H34: PHONE SERVICE

**"In the past 12 months, how many times, if any, did your household not have telephone service?"**
(INTERVIEWER NOTE: This means not having regular phone service from non-payment or from having moved - NOT from storms, outages, etc. This does not include cell phones, so if their cell phone service was cancelled do not include it here)

__ __    number of times  **(Go to H35)**  (PROGRAMMER:  allow 0-12)

98      Don't Know
99      Refused

### H35: TIME WITHOUT PHONE (clarify not talking about cell phones)

**"Excluding cell phones, on average, how long was your household without phone service each time?"**
(PROGRAMMER:  Include only if H34 = 1-12)
(DO NOT READ LIST.  PROMPT, IF NEEDED.)

01      Less than one week
02      One week to less than two weeks
03      Two weeks to less than one month
04      One month to less than three months
05      Three months to less than six months
06      Six months to less than one year
07      One year or more

98      Don't know
99      Refused

## PERSON INFORMATION

### PERSINTRO

**"Next I'd like to ask a few questions about each of the members of your household so we can prepare individual diaries. Again, I want to assure you that this information is for research purposes only. Let's start with you..."**

### PRIMARY RESPONDENT

NOTE TO INTERVIEWER: Is (PERSON_#) the primary respondent?
01      Yes
02      No

### P9:  AGE

**"What is YOUR/(PERSON_#)'s age?"**
(INTERVIEWER:  If less than one year, enter "1" not "0")


__ __ __

(PROGRAMMER:  Allow 001 to 100, 998, 999.) (Note: Anything > 100 just put 100.)

998     Don't Know
999     Refused


### P5:  HEAD OF HOUSEHOLD

**"Are YOU/ Is (PERSON_#) the head of the household?"**

01      Yes
02      No

98      Don't Know
99      Refused


### P4:  RELATIONSHIP TO HH

**"How Are YOU/(PERSON_#) related to the head of household?"**

00      Head of Household
01      Husband / Wife / Unmarried Partner
02      Mother / Father / In-law
03      Brother / Sister / In-law
04      Grandfather / Grandmother
05      Grandson / Granddaughter
06      Son / Daughter / In-law
07      Aunt / Uncle
08      Other Relative
09      Other Non-Relative
10      Household Help

98      Don't Know
99      Refused

### P6:  GENDER

(Interviewer note:  Do not ask of Primary Respondent)
**Is (PERSON_#) a male or female?**

01      Male
02      Female

98      Don't Know
99      Refused

### P7:  ETHNICITY

**"What is YOUR/(PERSON_#)'s ethnicity?"**

01      Black / African American
02      Hispanic / Mexican American
03      Asian / Pacific Islander
04      Native American
05      White / Caucasian
06      Other Group  **(Go to P8)**

98      Don't Know
99      Refused

### P8:  OTHER

Other Specify _____
(PROGRAMMER:  Include only if P7 = 06.)

998     Don't Know
999     Refused

### P10: LICENSED DRIVER

**"Are YOU/ Is (PERSON_#) a licensed driver?"**

01      Yes
02      No

98      Don't Know
99      Refused

### P48: DISABILITY

**"Do YOU/ Does (PERSON_#) have a disability that makes it difficult for YOU to travel?"**

1       Yes
2       No

98      Don't Know
99      Refused

PROGRAMMER:  REPEAT FROM P9 TO P48 FOR EACH HOUSEHOLD MEMBER, UP TO 15

**PARTICIPATE**

**"As I mentioned earlier, we'd like to send each member of your household a diary to keep track of your activities and travel for just one day,** <INSERT DAY OF WEEK AND DATE OF TRAVEL DAY>. **The data collected from these activity/travel diaries is important for future transportation planning in the El Paso area. Are you willing to help us with this important part of the study?"**

| 01 | YES - Continue | **(GO TO RECORD_ADDRESS)** |
|----|----------------|---------------------------|
| 02 | NO or Unsure about participation | **(GO TO ASSURE)** |

**ASSURE**

(PROGRAMMER: Include only if PARTICIPATE = 02.)
**"Your household will represent many others in your area, and no one else can be substituted for you. Your input will help address area traffic problems and plan for future needs. Will you help us out with this important survey?"**

| 01 | Yes – willing to participate | **(GO TO RECORD_ADDRESS)** |
|----|------------------------------|---------------------------|
| 02 | No – not willing to participate | **(TERMINATE)** |

**RECORD_ADDRESS**

**"In order to mail the survey materials to you, could you please tell me your name and mailing address?"**
(RECORD STREET ADDRESS) (BE SURE TO INCLUDE APARTMENT NUMBER, IF APPLICABLE)

**CONTACT**

**"What is your name?"**

_____

**MAIL_ADD**

**"What is your street mailing address?"**

_____ (Street number/P.O. Box Number)

_____(Apt Number if applicable)

**MAIL_CITY**

**"What is your city?"**

_____

**MAIL_ZIP**

**"What is your zip code?"**

7__ __ __ __ (PROGRAMMER: Allow [need range of zips]

**ACTUAL**

**"Is the actual location of your home at this address (the address is a P.O. Box)?"**

1       Yes – actual location (automatically code address variables to H9-H11)
2       No – it's a P.O. Box - get actual location below

**H9:  ADDRESS**

**"What is your physical street address or the nearest intersection?"**

_____ (Street number/P.O. Box Number)

_____ (Apt Number if applicable)

**H10: CITY**

**"What is the city where your home is located?"**

_____

**H11:  ZIP**

**"What is the zip code where your home is located?"**

7\_\_ \_\_ \_\_ \_\_  (PROGRAMMER:  Allow  [need range of zips]

**GPS**

 **"As part of this study, we're asking a small number of households to help evaluate new technology that's providing greater insight into how people travel.  This technology is called GPS, or the Global Positioning System.  We are offering an additional $50.00 cash gift for participating.  Would you be interested?"**

01     YES           **(GO TO GPSDETAILS)**
02     NO            **(GO TO CLOSE)**

**GPS DETAILS**

(PROGRAMMER:  Include only if GPS= 01)
**"Your participation would involve driving each of your vehicles to a central location near your home the day before you complete your travel diaries.  We would then install the Global Positioning System (GPS) device in each of these vehicles.  You would return the device to the same location the day after your travel day.  If you are interested, we will call you back in a few days with the details."**

01     Interested           **(GPS CALLBACK)**
02     Not Interested/Don't Know   **(GO TO CLOSE)**

**CLOSE**

"We will mail activity/travel diaries to you in a few days for each member of your household.  When you receive them, just follow the directions and have each member of your household complete the diaries on the day indicated.  An adult member of your household can help children complete the diaries.   If you have any questions about the survey's legitimacy, you may call **NEED NAME OF LOCAL CONTACT and PHONE NUMBER.**

"**It is very important that everyone in your household complete the diaries on the same day**.  After you have completed the diaries, please return them to us as soon as possible in the postage-paid envelope that will be provided."

"Before I end this call, do you have any questions?"

We appreciate your help.  If you have questions, please call toll-free 888-801-5368 and ask for Terry.

*Appendix E:*
## *Retrieval Script*

**INTRO**

**Is [NAME OF CONTACT] there.**

**This is _____ calling for the Texas Department of Transportation.  I was just calling to follow-up to be sure everything went okay with your travel survey yesterday and to collect your travel information.**

| | | |
|---|---|---|
| 01 | If Agreeable | **(GO TO RETRIEVE)** |
| 02 | If this is not a good time, but they completed diary | **(GO TO CALL BACK)** |
| 03 | If did not complete diaries, but remember travel | **(GO TO RETRIEVE)** |
| 04 | If did not complete diaries, do not remember travel | **(GO TO RESCHED)** |
| 05 | No – no longer willing to participate | **(TERMINATE)** |

**CALL BACK**

**"When would be a good time to call back to get the information?"**
(PROGRAMMER:  Include only if INTRO = 02)


_____Time (am/pm)


_____Date


**RESCHED**    "**Could your household complete the travel diaries [TOMORROW or the NEXT WORK DAY]?"**
(PROGRAMMER:  Include only if INTRO = 04)

| | |
|---|---|
| 01 | Yes |
| 02 | No  - TRY ANOTHER DAY |
| 03 | Refuse all days |

**"Thank you for you time.  I will call you back [DAY AFTER TRAVEL DAY]"**

**TERMINATE**
(PROGRAMMER:  Include only if INTRO = 05 or RESCHED=03)

**"Thank you for your time.  END THE INTERVIEW"**

## HOUSEHOLD FILE INFORMATION

### RETRIEVE

**"I'd like to begin by gathering some information about your household on your travel day"**

### H30:  DAY VISITORS

**"How many  people who are <u>not</u> members of your household stopped by or visited your home for any reason on your travel day?"**

_____

98 – Don't Know
99 – Refused

### H31:  OVERNIGHT VISITORS

**"How many  people who are <u>not</u> members of your household spent the night at your house on your travel day?"**

_____

98 – Don't Know
99 – Refused

### V13:  MILEAGE

What was the mileage on the odometer of VEHICLE_# on your travel day?

_____

99999998        Don't Know
99999999        Refused

---

PROGRAMMER:  REPEAT V13 FOR EACH VEHICLE_#

---

### H36: HH VEHICLE USED BY NON HH MEMBER

**"Did anyone who is not a member of your household drive one of the vehicles that belongs to your household?"**

01- Yes         **(GO TO V16)**
02- No
03- Not applicable – zero vehicle household

98 – Don't Know
99 – Refused

### V16: NON HH VEHICLE NUMBER

(PROGRAMMER: Include only if H36=01)

**"Which vehicle were used by a person who is not a member of your household?"**

— — — — — —

— — — — — —

— — — — — —

— — — — — —

98 – Don't Know
99 – Refused


### INDIVIDUAL INFORMATION

### IND_INTRO1

**"Next I'd like to get travel information from each member of your household.  Why don't we start with you.**

### IND_INTRO2

**"Do you have your travel diary available?**
(INTERVIEWER:  ARE YOU SPEAKING TO THE PERSON WHO COMPLETED THE TRAVEL DIARY?)

01      Yes
02      No      Which Person_# is the Proxy?  _____

### BIKE ISSUES
### P46: DAYS RODE

**"How many days did you (PERSON_#) ride a bike during the past week?"**

_____ (Programmer allow 0-7)
98 – Don't Know
99 – Refused


### P47: BIKE PURPOSE

**"What was your (PERSON_#)'s  most common purpose for riding a bike in the past week?"**

1 – Work
2 – School
3 – Shopping
4 – Visiting
5 – Recreation / Exercise
6 – Other
98 – Don't Know
99 – Refused

## P42:  STUDENT STATUS

**"Are you (PERSON_#) enrolled in any type of school (includes daycare, K-12, college)?"**

| | | |
|---|---|---|
| 1 | Yes | **(GO TO P43)** |
| 2 | No | **(GO TO P11)** |
| 98 | Don't Know | **(GO TO P11)** |
| 99 | Refused | **(GO TO P11)** |

## P43:  STUDENT STATUS

**"In which type of school are you  (PERSON_#) enrolled?"**

(PROGRAMMER:  Include only if P42= 01)

1 – Day Care / Pre-School
2 – K-12th
3 – Post Secondary, College, Trade
4 – Other
98 – Don't Know
99 – Refused

## P44:  SCHOOL TYPE OTHER

(PROGRAMMER:  Include only if P43= 4)

Other Specify _____
998    Don't Know
999    Refused

## P45:  HOURS ENROLLED

(PROGRAMMER:  Include only if P43= 3)

**"How many hours are you  (PERSON_#) enrolled in college, trade school, or other post secondary education?"**

_____
98 – Don't Know
99 – Refused

## EMPLOYMENT ISSUES

## P11: EMPLOYMENT

Are (YOU/PERSON_#) employed in a paying or volunteer job?

| | | |
|---|---|---|
| 1 | Yes | **(GO TO P12)** |
| 2 | No | **(GO TO TRAVEL_INTRO)** |
| 98 | Don't Know | **(GO TO TRAVEL_INTRO)** |
| 99 | Refused | **(GO TO TRAVEL_INTRO)** |

## P14:  NOT EMPLOYED
**"Which of the following best describes YOUR/(PERSON_#)'s situation?**
(READ LIST)

001     Retired
002     Disabled
003     Homemaker
004     Looking for work
005     Not looking for work
006     Student
996     Other                          **(GO TO P15)**

998     Don't Know
999     Refused

## P15 - Other

(PROGRAMMER:  only include P14=996)

Other (Specify _____)


(PROGRAMMER:  If Respondent answers P14/P15 then go to TRAVEL_INTRO; otherwise go to P12-P41)

## P12:  EMPLOYMENT STATUS
**"Which of the following best describes YOUR/(PERSON_#)'s employment status?"**

1       Employed full-time 30 or more hours per week
2       Employed part-time less than 30 hours per week
3       Self-employed full-time 30 or more hours per week
4       Self-employed part-time less than 30 hours per week
98      Don't Know
99      Refused

## P13:  HOURS
**"Approximately how many hours per week do you  (PERSON_#) typically work?"**

__ __ __              (PROGRAMMER:  Allow to 100.)

996     Varies from week to week
998     Don't Know
999     Refused

## P16:  DELIVERY
**"Do you  (does PERSON_#) drive a vehicle used for commercial purposes? "**

1       Yes                        **(GO TO P16A AND 16B)**
2       No
98      Don't Know
99      Refused

### P16A:  DELIVERY CARGO:  If YES TO P16
**"Is that vehicle used for transporting cargo?"**

1      Yes
2      No
98    Don't Know
99    Refused

### P16A:  DELIVERY CARGO:  If YES TO P16
"**Is that vehicle used for providing a commercial service, such as plumber's or electrician's truck, or a cable or telephone service vehicle, or a delivery vehicle for a business?"**

1      Yes
2      No
98    Don't Know
99    Refused

### P17:  FLEX TIME
**"Is your  (PERSON_#) work schedule flexible or fixed?"**

1      Flexible/variable
2      Fixed/unchanging
98    Don't Know
99    Refused

### P18:  JOB
"**Do you  (PERSON_#) have more than one job?"**

1      Yes
2      No
98    Don't Know
99    Refused

### P19:  EMPLOYER
"**What is the name of your  (PERSON_#)'s primary employer?"**

_____

998    Don't Know
999    Refused

**P20:  TYPE WORK**
>"**What type of work place is this?**"

1. Office (Non-government)
2. Office (Government)
3. Retail/Shopping/Gas
4. Industrial/Manufacturing/Warehouse
5. Medical
6. Education – Day Care/K-12
7. Education – College, trade school, other
8. Residential
9. Airport
10. Eating Establishment
996 – Other
998 – Don't Know
999 – Refused

**P21:  OTHER**

(PROGRAMMER:  only include P20=996)

Other  Specify _____
998 – Don't Know
999 – Refused

**P22:  HOME OFFICE**
>"**Is your (PERSON_#)'s place of employment a home-based business operated out of a home?**"

1        Yes
2        No
98       Don't Know
99       Refused

**P23:  TELECOMMUTE**
>"**Do you  (PERSON_#) work from home or telecommute on a regular basis?**"

1        Yes
2        No
98       Don't Know
99       Refused

**P24  WORKPLACE ADDRESS**
>"**What is the physical street address of your PRIMARY workplace?**"

_____
98       Don't Know
99       Refused

## WORKINTER

**"What are the names of the streets at the nearest intersection to your primary workplace?"**

_____

## P25:  WORKPLACE CITY

"**In which city is your  (PERSON_#) PRIMARY workplace located?"**
RECORD NAME OF CITY

_____

98      Don't Know
99      Refused

## P26:  WORKPLACE COUNTY

**In which County is your  (PERSON_#) PRIMARY workplace located?**
RECORD NAME OF COUNTY

01      El Paso                 (GO TO PURPOSE)
02      a New Mexico county   (GO TO PURPOSE)

11      OTHER

98      Don't Know
99      Refused

## P27:  WORKPLACE ZIP

**"In which zip code is your  (PERSON_#) workplace located?"**

__ __ __ __ __

99998  Don't Know
99999  Refused

## P32: DAYS WORKED

**"How many days per week do you  (PERSON_#) typically work?"**

__ __ __ __ __ (Programmer allow 0-7)

98      Don't Know
99      Refused

## P33:  WORKED AT HOME
"**During the past 7 days, how many days did you  (PERSON_#)  work AT HOME?**"

__ __ __ __ __  (Programmer allow 0-7)

98      Don't Know
99      Refused

## SECOND JOB
"**Do you (Does PERSON_#) have a second job?**"

1       Yes                  **(GO TO P34)**
2       No                   **(GO TO P37)**
98      Don't Know    **(GO TO P37)**
99      Refused          **(GO TO P37)**

## P34:  SECOND JOB TYPE
"**What type of work place is your  (PERSON_#)'s second job?**"
(PROGRAMMER:  only include SCREENER=01)

1. Office (Non-government)
2. Office (Government)
3. Retail/Shopping/Gas
4. Industrial/Manufacturing/Warehouse
5. Medical
6. Education – Day Care/K-12
7. Education – College, trade school, other
8. Residential
9. Airport
10. Eating Establishment
996 – Other
998 – Don't Know
999 – Refused

## P35:  OTHER
(PROGRAMMER:  only include P34=996)

Other  Specify _____

## P36:  SECOND JOB EMPLOYMENT STATUS
"**Which of the following best describes your  (PERSON_#)'s employment status at this second job?**"
(PROGRAMMER:  only include SCREENER=01)

1       Employed full-time 30 or more hours per week at the second job
2       Employed part-time less than 30 hours per week at the second job
3       Self-employed full-time 30 or more hours per week at the second job
4       Self-employed part-time less than 30 hours per week at the second job
98      Don't Know
99      Refused

## P37:  TOTAL HOURS

**"On average, how many hours do you  (PERSON_#) work per week at all of your jobs?"**

— — — — —

98      Don't Know
99      Refused

## P38: PRIMARY OCCUPATION

"**What is your  (PERSON_#)'s PRIMARY occupation?**"

01 – Management, professional, and related occupations
02 – Service occupations
03 – Sales and office occupations
04 – Farming, fishing, and forestry occupations
05 – Construction, extraction, and maintenance occupations
06 – Production, transportation, and material moving occupations
96 – Not applicable (unemployed / student / retired)
98 – Don't know
99 – Refused

## P39:  PRIMARY INDUSTRY

**"In what industry is your (PERSON_#)'s PRIMARY occupation?"**

01 – Agriculture, forestry, fishing and hunting, mining
02 – Construction
03 – Manufacturing
04 – Wholesale trade
05 – Retail trade
06 – Transportation, warehousing, utilities
07 – Information
08 – Finance, insurance, real estate, rental and leasing
09 – Professional, scientific, management, administrative, and waste management
       services
10 – Education, health, and social services
11 – Arts, entertainment, recreation, accommodation, and food services
12 – Other services (except public administration)
13 – Public Administration
96 – Not Applicable – (unemployed, student, retired)
98 – Don't Know
99 – Refused

## P40: SECONDARY OCCUPATION
(PROGRAMMER:  only include SCREENER=01)

**"What is your  (PERSON_#)'s SECONDARY occupation?"**

01 – Management, professional, and related occupations
02 – Service occupations
03 – Sales and office occupations
04 – Farming, fishing, and forestry occupations
05 – Construction, extraction, and maintenance occupations
06 – Production, transportation, and material moving occupations
96 – Not applicable (unemployed / student / retired)
98 – Don't know
99 – Refused

## P41: SECONDARY INDUSTRY
(PROGRAMMER:  only include SCREENER=01)

**"In what industry is your (PERSON_#)'s SECONDARY occupation?"**

01 – Agriculture, forestry, fishing and hunting, mining
02 – Construction
03 – Manufacturing
04 – Wholesale trade
05 – Retail trade
06 – Transportation, warehousing, utilities
07 – Information
08 – Finance, insurance, real estate, rental and leasing
09 – Professional, scientific, management, administrative, and waste management services
10 – Education, health, and social services
11 – Arts, entertainment, recreation, accommodation, and food services
12 – Other services (except public administration)
13 – Public Administration
96 – Not Applicable – (unemployed, student, retired)
98 – Don't Know
99 – Refused

## TRAVEL INFO FILE

### TRAVEL_INTRO
**"Now that we have completed those questions, we need to collect the activity and travel information. Please remember that we need to know about ALL locations you visited on <INSERT TRAVEL DAY>. I will go as quickly as possible, but I will need to record each location one-by-one."**

### V53 PROXY
(Interviewer – who is providing the travel information for this person?)

01 – Respondent
02 – Proxy
03 – Mailed Diary
98 – Don't Know
99 – Refused

### V54 PROXY ID
(Interviewer – if proxy, which household member is providing the information – used assigned numbers)

_____

98 – Don't Know
99 – Refused

### P49: TRAVEL
**"Did you  (PERSON_#)  travel anywhere on your household's assigned travel day?"**

01      Yes                **(GO TO V52)**
02      No                 **(GO TO V51)**

96      Out of Area All Day

### V51 WHY NO TRAVEL
**"What was your /(PERSON_#)'s reason for not traveling anywhere on your travel day?"**

_____

### V52 DIARY USE
**"Did you (PERSON_#) use the activity/travel diary on your travel day?"**
(DO NOT READ LIST)

01      Yes, diary completed
02      No, diary not completed
03      Did not receive materials
08      Don't Know
09      Refused

## TRANSITION

**"Next I'm going to ask you to provide information about each of the trips you made on your travel day.  The information you provide is very important to us, so please try to be as detailed as possible."**

## MONTH & DAY

**"Just to confirm, what was the date of your household travel day?"**

T4          _____ **Day**

T3          _____ **Month**

## START

**At 3:00 am on your travel day, [were you/was  (PERSON_#) ] . . .?**
(READ LIST)

01     At home         **(Code T8/Start thru T13/Start with Home data)**
02     At another location     **(GO TO T8/Start)**

## T8/START :  ACTIVITY DESCRIPTION

(PROGRAMMER:  only include START=02)

"**What type of place were you at 3:00 a.m?**"

_____

98 – Don't Know
99 – Refused

## T7/START:  ACTIVITY TYPE CODES

**What were you doing at this location at 3:00 a.m.**
1 – At Home; primary job related
2 – At Home; other
3 – At Home; job and non-job related
4 – Work
5 – Work Related
6 – School; post secondary, college, trade
7 – School; secondary-day care, kindergarten, elementary, middle, high
8 – Incidental Shopping; gas, groceries, etc.
9 – Major Shopping; clothes, appliances, etc.
10 – Banking
11– Personal Business; laundry, dry cleaning, barber, medical, etc
12– Other Services
13– Social / Recreational
14– Eat Out
15– Civic Activities (including church)
16 – Pick-up / Drop-off Person at Work
17 – Pick-up / Drop-off Person at School / Day Care
18 – Pick-up / Drop-off Person at Other
19 – Change Mode of Travel
20 – Other Activity (specify)
98 – Don't Know
99 – Refused

**T9/START:  LOCATION**
"What was the name of the place you were at 3:00 a.m."

_____

98 – Don't Know
99 – Refused


**T10/START: ADDRESS**
"What was the Address of the Place Where You Were Located at 3:00am on your travel day"

_____

98      Don't Know
99      Refused


**T11/START: CITY**
"In which city were you located at 3:00 am on your travel day?"
RECORD NAME OF CITY

_____

98      Don't Know
99      Refused

**T12/START:  COUNTY**
"And what county is that in?"

01      El Paso                    (GO TO PURPOSE)
02      a New Mexico county   (GO TO PURPOSE)

11      OTHER: _____

98      Don't Know
99      Refused

**T13/START: ZIP**

**"What was the zip code for this place?"**

— — — — —

99998  Don't Know
99999  Refused


xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

**Activity # _____**

(Programmer:  Activity Number will be automatically assigned in sequence for each set of data collected for T8 thru T49)

**T8:  ACTIVITY DESCRIPTION**

**"What type of place did you visit first (next) on your travel day?"**

_____

98 – Don't Know
99 – Refused

**ARRIVAL TIME**

**"What time did you (person_#) arrive at this location?"**
 (INTERVIEWER NOTE: If this is Activity#0, this should be blank)

**T45:  ARRIVAL HOUR**

(PROGRAMMER: Allow 00 to 23)
__ __ hours (Record in military time 00 to 23, i.e., 3PM is 15)
98  Don't Know
99  Refused

**T47:  ARRIVAL MINUTE**

(PROGRAMMER: Allow 00 to 60)

__ __ (Record 00 to 59)
98  Don't Know
99  Refused

### T7: ACTIVITY CODES
**What were you doing at this location?**
1 – At Home; primary job related
2 – At Home; other
3 – At Home; job and non-job related
4 – Work
5 – Work Related
6 – School; post secondary, college, trade
7 – School; secondary-day care, kindergarten, elementary, middle, high
8 – Incidental Shopping; gas, groceries, etc.
9 – Major Shopping; clothes, appliances, etc.
10 – Banking
11– Personal Business; laundry, dry cleaning, barber, medical, etc
12– Other Services
13– Social / Recreational
14– Eat Out
15– Civic Activities (including church)
16 – Pick-up / Drop-off Person at Work
17 – Pick-up / Drop-off Person at School / Day Care
18 – Pick-up / Drop-off Person at Other
19 – Change Mode of Travel
20 – Other Activity (specify)
98 – Don't Know
99 – Refused


### T9: LOCATION NAME
**"What was the name of the place you visited on this trip?"**

_____

98 – Don't Know
99 – Refused

### T10: ADDRESS
**"What was the Address or the nearest intersection (cross streets) of this place?"**

_____

98     Don't Know
99     Refused


### T11: CITY

**"In which city was this place located?"**
RECORD NAME OF CITY

_____

98     Don't Know
99     Refused

### T12:  COUNTY
**"And what county is that in?"**

01     El Paso           (GO TO PURPOSE)
02     a New Mexico county  (GO TO PURPOSE)

11     OTHER: _____

98     Don't Know
99     Refused

### T14: ROUTE

On which Route were you traveling when you left (or returned to) McLennan county on your way to (from) this destination?
(PROGRAMMER:  only include T12=06)

RECORD NAME/NUMBER OF ROUTE

_____

98     Don't Know
99     Refused

### T19:  TYPE OF PLACE
**"What Type of Place was this?"**

_____

| | |
|---|---|
| 1. Residential | 13. Health Club |
| 2. Residential Type Workplace | 14. Medical Facility/Hospital |
| 3. Construction Site | 15. Movie Theater/Cinema |
| 4. Transportation stop (Bus, Train) | 16. Restaurant/Fast Food, Bar&Grill |
| 5.Automotive Dealer/Repair | 17. Educational – 12th Grade or lower |
| 6. Bank / Financial Institution | 18. Educational – college, trade, etc. |
| 7. Barber/Beauty/Nail Salon | 19. Shopping Mall/ Department Store. |
| 8. Bookstore/Newstand | 20. Gas Station |
| 9. Convenience / Drug Store | 21. Airport |
| 10. Government Offices | 22. Other |
| 11. Offices (Non-Government) | 98. Don't Know |
| 12. Grocery | 99. Refused |

**T20: OTHER PLACE**
  (PROGRAMMER:  only include T20=22)

Other  Specify _____

**T22:  MODE**
**"How did you travel to get to this place?"**
(DO NOT READ LIST.  PROMPT WITH CATEGORIES, IF NEEDED.)

1 – Walk
2 – Auto / Van / Truck Driver
3 – Auto / Van / Truck Passenger
4 – Carpool Driver
5 – Carpool Passenger
6 – Vanpool Driver
7 – Vanpool Passenger
8 –Commercial Service Vehicle Driver
9 –Commercial Service Vehicle Passenger
10 - Cargo Transport Vehicle Driver
11 – Cargo Transport Vehicle Driver
12 – Transit Bus
13 – School Bus
14 – Taxi / Paid Limo
15 – Bicycle
16 – Motorcycle / Moped
17 – Other
98 – Don't Know
99 –  Refused

**T23:  OTHER MODE**
  (PROGRAMMER:  only include T22=15)

Other Specify _____

**T24: NUMBER IN VEHICLE**
"**How many persons were in the private vehicle (including the driver)?"**
[PROGRAMMER:  Include only if T22 (Mode of Travel) = 2-14.]

__ __  persons   (PROGRAMMER:  Allow 01 to 09, 96, 98, 99.)

96       Non-private vehicle modes
98       Don't Know     **(GO TO H20)**
99       Refused          **(GO TO H20)**

**T25: HH MEMBERS**

"How many persons in the vehicle were household members?"

[PROGRAMMER: Include only if T24 (Number of Persons in Vehicle) = 01 to 09.]

__ __  persons   (PROGRAMMER: Allow 01 to 09, 98, 99.)

98      Don't Know      **(GO TO H20)**
99      Refused         **(GO TO H20)**

**T26: PERSONS ON TRIP**

**Who was/were the members or your household that were traveling with you?**

[PROGRAMMER: Number of responses should equal number provided in T25 (HH Members.  Use previously assigned Person_#]

— — — — — — — — — —

— — — — — — — — — —

— — — — — — — — — —

— — — — — — — — — —

— — — — — — — — — —

— — — — — — — — — —

**T28:  HH VEHICLE**

"Did this vehicle belong to your household vehicle?"
1       Yes  **Go to T29**
2       No – if no here, need to ask vehicle year, make, and model.

8       Don't Know
9       Refused

**T29: VEHICLE USED**

"Which of you household's vehicles did you use for this trip?"
[PROGRAMMER:  Include only if T28 (HH Vehicle) = 1.]

__ __ __ __ __ __ (Record household vehicle number)

99      Other vehicle

**T30-39  Vehicle Information File**

### T40:  FROM BUS STOP
"**Did you (PERSON_#) have to walk more than one block from a bus stop to this location?**"
[PROGRAMMER:  Include only if T22 (Mode of Travel) = 10 or 11]

1  Yes
2  No

8  Don't Know
9  Refused


### T42:  OFF BUS LOCATION
"**What was the street address or nearest intersecting streets where you (person_#) got off of the bus?**"
[PROGRAMMER:  Include only if T22 (Mode of Travel) = 10 or 11]

_____  (street address or nearest intersecting streets)

98  Don't Know
99  Refused

### T41:  FROM PARKING AREA
"**Did you (person_#) park more than one block from this destination?**"

[PROGRAMMER:  Include only if T22 (Mode of Travel) = 2 thru 9, 12, or 14]

01  Yes
02  No
98  Don't Know
99  Refused

### T43:  PARKING LOCATION
"**What was the street address or nearest intersecting streets where the vehicle was parked?**"
[PROGRAMMER:  Include only if T22 (Mode of Travel) = 2 thru 9, 12, or 14]

_____  (street address or nearest intersecting streets)

98  Don't Know
99  Refused

### T44: PARKING COST
"**What was the amount you (PERSON_#) paid for parking?**"
[PROGRAMMER: Allow $00.00 to $9999.99.]
[PROGRAMMER:  Include only if T22 (Mode of Travel) = 2 thru 9, 12, or 14]

$ __ __ __ __ . __ __  (Record in dollars and cents, i.e., $4.50)

999998  Don't Know
999999  Refused

### T45: PAYMENT METHOD
"**What rate was the cost for parking based on (time period)?**"

[PROGRAMMER:  Include only if V44>0 and V44<999998]

    01      Hourly
    02      Daily
    03      Weekly
    04      Monthly
    05      Annually

    98      Other
    99      Don't know/Refused

### DEPARTURE TIME
"**What time did you (person_#) depart at this location?**"
 (INTERVIEWER NOTE: If this is Activity#0, this should be blank)

### T48:  DEPARTURE HOUR
(PROGRAMMER: Allow 00 to 23, 96 )
__ __ hours (Record in military time 00 to 23, i.e., 3PM is 15)

96  No Departure:  This was the person's final destination   (**GO TO THANKS)**
98  Don't Know
99  Refused

### T49:  DEPARTURE MINUTE
(PROGRAMMER: Allow 00 to 60)

__ __  (Record 00 to 59)

98  Don't Know
99  Refused

---

**PROGRAMMER NOTE:  REPEAT T8 Thru T49 Until ALL TRIPS ARE REPORTED**

---

### NEXT PERSON.
"**That completes your/(Person_#) travel information.  I appreciate your help**"

Programmer Notes:
If all Person_# have not been entered:  "**Is [Next Person_#] available?**" and GO TO
IND_INTRO2

If all Person_# have been entered GO TO THANKS

**FUTURE SURVEY**.

**"To help with future transportation planning efforts in your area, would you be willing to participate in future surveys or focus groups?**

1 Yes
2 No
9 Don't Know


**THANKS**.

**"Although we completed your interview over the phone, we appreciate it if you would mail in your activity/travel diary. Thank you very much for your participation in this survey."**

*Appendix F:*
# *Travel Diary and Other Survey Packet Materials*

# El Paso Regional
# Household Activity/Travel Survey

Greetings:

The Texas Department of Transportation (TxDOT), in cooperation with the El Paso Metropolitan Planning Organization (MPO), is conducting a survey of more than 3,000 households in El Paso County and portions of southeastern New Mexico to better understand how and why people in your area travel. The information from the survey is one of the most important data collection efforts for the region. The results will be used by TxDOT and local communities to plan future transportation improvements for the area.

Your household was selected at random to participate in this survey. Although your participation is voluntary, we hope you will consider making it a priority to ensure that residents of your area are properly represented.

In a few days, a trained interviewer from a survey research firm, ETC Institute, will call and ask you some questions about your household. ETC Institute has been contracted by TxDOT to administer the survey. The information you provide will be kept confidential and will only be used for statistical purposes.

If you have any questions about the Household Activity/Travel Survey, please contact the project manager, Chris Tatham, at 1-888-801-5368. Thank you in advance for your participation.

Sincerely,

*Charlie Hall*

Charlie Hall
Travel Survey Program Manager
Texas Department of Transportation

# El Paso Regional
# Household Activity/Travel Survey

[DATE]

Dear «NAME»:

**Thank you for agreeing to take part in the Household Activity/Travel Survey for the El Paso area.**  ETC Institute, a survey research firm, is currently administering this important survey on behalf of the Texas Department of Transportation and the El Paso Metropolitan Planning Organization (MPO).   By sharing your household's travel information, you are helping to determine and plan for the transportation needs of residents in the El Paso area.

As we explained in our recent telephone call, this packet provides the materials your household will need to record your activities and travel for our interview, including an activity/travel diary for each member of your household.  **An example of how to complete the activity/travel diary is provided on the back of each diary.**

After your assigned travel day, an ETC Institute interviewer will call you to collect your household's information.  Please do not mail in the diaries until we have spoken with you on the telephone. Once we have collected your travel information over the phone, you will need to mail back the completed diaries for all members of your household. We would like to talk to each person age 16 or older individually, but ask that an adult respond for younger household members.

Please remember that the information you give us will be used for research purposes only. Nothing will be shared that could identify you or your household.  We really appreciate your participation – it is extremely important for planning future transportation in your area.

If you have any questions, please call the survey team toll-free at 1-888-801-5368.

Thank you once again for participating in the survey.

Sincerely,


Chris Tatham
Senior Vice-President
ETC Institute
ctatham@etcinstitute.com

# THINGS TO REMEMBER

**Individual Activity/Travel Diaries** are enclosed for **each member** of your household.  The activity/travel diary will help members of your household keep track of their activities and trips on their travel day.

- Please ensure that an **INDIVIDUAL ACTIVITY/TRAVEL DIARY** is completed for EVERYONE in your household.  ***For young children*** or persons with disabilities, please have another member of your household (i.e., parent) complete the activity/travel diary.  If your child goes on a <u>field trip while at school</u>, please ensure that the activity and trip are recorded.

- **Record ALL activities that require travel** **that you make on your travel day, including walking and biking trips**.  Please record ALL locations you traveled to and how you got there.  Include all changes in location you made, no matter how short, whether you were traveling by vehicle, bus, bike, walking, or other means.  Each member of your household should complete his or her own diary whenever possible.  Even if your travel on the assigned travel day is not typical, we still want to know about it.  If you are uncertain about whether to include a location, go ahead and record it.

- Please ensure that the INDIVIDUAL ACTIVITY/TRAVEL DIARY is completed on your assigned travel day.

- ***Everyone should complete the travel diary on the same date***.

- Your <u>travel day begins at 3:00 am on the day shown on the orange card and goes until 3:00 am the next day</u>.  ***(If you are at work at 3:00 am, begin your travel diary at work).***

- Please ask all members of your household who are completing the activity/travel diary to carry an activity/travel diary with him/her on the travel day and to record each activity and trip after it is made.  **Be sure to record each place that you go, not just your final destination**.  For example, if you stop for gas on your way home from work, record the activity/trip from work to the gas station and the activity/trip from the gas station to your home separately.

- **Please provide complete addresses** <u>whenever possible</u> for each destination you visit.  *Include the **street prefix (E, N, S, W)** and the **street suffix (Ave, St, Lane, Terr)** when applicable.* **For example write** <u>123 W. Main St</u> **not** <u>123 Main</u>.

- <u>If 2 or more persons in the household travel together, the trip should appear on each person's travel diaries.</u>

## *Questions???*
**Please call the toll-free travel survey "helpline" at 1-888-801-5368.**

## Location 4: Where did you go next?

When did you arrive at this location?

___ ___ : ___ ___   ☐ AM   ☐ PM

_____
What is the Name of this Location?

_____
What Type of Place/Business Is This?

_____
Street Address (be as specific as possible)

_____ & _____
Nearest Intersecting Streets

_____ _____ ____
City                County          State

_____
Zip Code (if known)

Did you walk **more than a block** from a parking lot or bus stop to get to this location?

☐ Yes          If YES: where did you park?
☐ No           _____

## How did you get to Location 4?

What was the primary type of transportation you used?

☐ Car, van, truck      ☐ Motorcycle or moped
☐ Bicycle              ☐ Taxi
☐ Walk                 ☐ School Bus
☐ Service vehicle      ☐ Cargo transport vehicle
☐ Transit Bus (Specify Route: _____ )
☐ Other _____

### *If you used a car, van, or truck for this trip . . .*

Were you the . . .?   ☐ driver      ☐ passenger

Including yourself, how many TOTAL people were in the vehicle? _____

Including yourself, how many people from YOUR HOUSEHOLD were in the vehicle? _____

Was this a . . .?   ☐ Carpool   ☐ Vanpool   ☐ Neither

Please indicate the following about the vehicle:

Year _____   Make/Model _____

Was this your household's vehicle?   ☐ Yes   ☐ No

How much did you pay to park?   $_____

## What did you do here?

What did you do at this location? (check all that apply)

☐ Return Home from your primary job
☐ Return Home for another reason
☐ Meal/Eat
☐ Work
☐ Work Related
☐ School
☐ Personal Business: _____
☐ Volunteer/Civic
☐ Shop
☐ Social/Recreation/Entertainment
☐ Pick-Up/Drop-Off Passenger
☐ Change Mode (e.g., car to bus): _____

When did you leave this location?

___ ___ : ___ ___   ☐ AM   ☐ PM

- - - - - - - - - - - - - OR - - - - - - - - - - - - -

☐ This was the last place I went today

### If You **Forgot** a Stop *Anywhere* Between This Location and Location 5, Provide the Information Below:

For what reason did you stop between Location 4 and 5? _____   Number of minutes stopped: _____

Where did you stop?   _____   _____   _____
                       Name of Stop Location        Address or Nearest Intersection        City, County, and State

---

## Location 5: Where did you go next?

When did you arrive at this location?

___ ___ : ___ ___   ☐ AM   ☐ PM

_____
What is the Name of this Location?

_____
What Type of Place/Business Is This?

_____
Street Address (be as specific as possible)

_____ & _____
Nearest Intersecting Streets

_____ _____ ____
City                County          State

_____
Zip Code (if known)

Did you walk **more than a block** from a parking lot or bus stop to get to this location?

☐ Yes          If YES: where did you park?
☐ No           _____

## How did you get to Location 5?

What was the primary type of transportation you used?

☐ Car, van, truck      ☐ Motorcycle or moped
☐ Bicycle              ☐ Taxi
☐ Walk                 ☐ School Bus
☐ Service vehicle      ☐ Cargo transport vehicle
☐ Transit Bus (Specify Route: _____ )
☐ Other _____

### *If you used a car, van, or truck for this trip . . .*

Were you the . . .?   ☐ driver      ☐ passenger

Including yourself, how many TOTAL people were in the vehicle? _____

Including yourself, how many people from YOUR HOUSEHOLD were in the vehicle? _____

Was this a . . .?   ☐ Carpool   ☐ Vanpool   ☐ Neither

Please indicate the following about the vehicle:

Year _____   Make/Model _____

Was this your household's vehicle?   ☐ Yes   ☐ No

How much did you pay to park?   $_____

## What did you do here?

What did you do at this location? (check all that apply)

☐ Return Home from your primary job
☐ Return Home for another reason
☐ Meal/Eat
☐ Work
☐ Work Related
☐ School
☐ Personal Business: _____
☐ Volunteer/Civic
☐ Shop
☐ Social/Recreation/Entertainment
☐ Pick-Up/Drop-Off Passenger
☐ Change Mode (car to bus): _____

When did you leave this location?

___ ___ : ___ ___   ☐ AM   ☐ PM

- - - - - - - - - - - - - OR - - - - - - - - - - - - -

☐ This was the last place I went today

### If You **Forgot** a Stop *Anywhere* Between This Location and Location 6, Provide the Information Below:

For what reason did you stop between Location 5 and 6? _____   Number of minutes stopped: _____

Where did you stop?   _____   _____   _____
                       Name of Stop Location        Address or Nearest Intersection        City, County, and State

## Location 6: Where did you go next?

When did you arrive at this location?

___ ___ : ___ ___   ☐ AM   ☐ PM

_____
What is the Name of this Location?

_____
What Type of Place/Business Is This?

_____
Street Address (be as specific as possible)

_____ & _____
Nearest Intersecting Streets

_____ _____ ____
City           County        State

_____
Zip Code (if known)

Did you walk **more than a block** from a parking lot or bus stop to get to this location?

☐ Yes        If YES: where did you park?
☐ No         _____

## How did you get to Location 6?

What was the primary type of transportation you used?

☐ Car, van, truck        ☐ Motorcycle or moped
☐ Bicycle                ☐ Taxi
☐ Walk                   ☐ School Bus
☐ Service vehicle        ☐ Cargo transport vehicle
☐ Transit Bus (Specify Route: _____ )
☐ Other _____

### *If you used a car, van, or truck for this trip . . .*

Were you the . . .?   ☐ driver      ☐ passenger

Including yourself, how many
TOTAL people were in the vehicle? _____

Including yourself, how many people
from YOUR HOUSEHOLD were in the vehicle? _____

Was this a . . .?   ☐ Carpool   ☐ Vanpool   ☐ Neither

Please indicate the following about the vehicle:

Year _____      Make/Model _____

Was this your household's vehicle?   ☐ Yes   ☐ No

How much did you pay to park?   $_____

## What did you do here?

What did you do at this location? (check all that apply)

☐ Return Home from your primary job
☐ Return Home for another reason
☐ Meal/Eat
☐ Work
☐ Work Related
☐ School
☐ Personal Business: _____
☐ Volunteer/Civic
☐ Shop
☐ Social/Recreation/Entertainment
☐ Pick-Up/Drop-Off Passenger
☐ Change Mode (car to bus): _____

When did you leave this location?

___ ___ : ___ ___   ☐ AM   ☐ PM

- - - - - - - - - - - - OR - - - - - - - - - - - - -

☐ This was the last place I went today

### If You **Forgot** a Stop *Anywhere* Between This Location and Location 7, Provide the Information Below:

For what reason did you stop between Location 6 and 7? _____   Number of minutes stopped: _____

Where did you stop?   _____   _____   _____
                       Name of Stop Location      Address or Nearest Intersection    City, County, and State

---

## Location 3: Where did you go next?

When did you arrive at this location?

___ ___ : ___ ___   ☐ AM   ☐ PM

_____
What is the Name of this Location?

_____
What Type of Place/Business Is This?

_____
Street Address (be as specific as possible)

_____ & _____
Nearest Intersecting Streets

_____ _____ ____
City           County        State

_____
Zip Code (if known)

Did you walk **more than a block** from a parking lot or bus stop to get to this location?

☐ Yes        If YES: where did you park?
☐ No         _____

## How did you get to Location 3?

What was the primary type of transportation you used?

☐ Car, van, truck        ☐ Motorcycle or moped
☐ Bicycle                ☐ Taxi
☐ Walk                   ☐ School Bus
☐ Service vehicle        ☐ Cargo transport vehicle
☐ Transit Bus (Specify Route: _____ )
☐ Other _____

### *If you used a car, van, or truck for this trip . . .*

Were you the . . .?   ☐ driver      ☐ passenger

Including yourself, how many
TOTAL people were in the vehicle? _____

Including yourself, how many people
from YOUR HOUSEHOLD were in the vehicle? _____

Was this a . . .?   ☐ Carpool   ☐ Vanpool   ☐ Neither

Please indicate the following about the vehicle:

Year _____      Make/Model _____

Was this your household's vehicle?   ☐ Yes   ☐ No

How much did you pay to park?   $_____

## What did you do here?

What did you do at this location? (check all that apply)

☐ Return Home from your primary job
☐ Return Home for another reason
☐ Meal/Eat
☐ Work
☐ Work Related
☐ School
☐ Personal Business: _____
☐ Volunteer/Civic
☐ Shop
☐ Social/Recreation/Entertainment
☐ Pick-Up/Drop-Off Passenger
☐ Change Mode (car to bus): _____

When did you leave this location?

___ ___ : ___ ___   ☐ AM   ☐ PM

- - - - - - - - - - - - OR - - - - - - - - - - - - -

☐ This was the last place I went today

### If You **Forgot** a Stop *Anywhere* Between This Location and Location 4, Provide the Information Below:

For what reason did you stop between Location 3 and 4? _____   Number of minutes stopped: _____

Where did you stop?   _____   _____   _____
                       Name of Stop Location      Address or Nearest Intersection    City, County, and State

## Location 2: Where did you go next?

**When did you arrive at this location?**

___ ___ : ___ ___    ☐ AM    ☐ PM

_____
What is the Name of this Location?

_____
What Type of Place/Business Is This?

_____
Street Address (be as specific as possible)

_____ & _____
Nearest Intersecting Streets

_____ _____ ____
City             County        State

_____
Zip Code (if known)

**Did you walk more than a block from a parking lot or bus stop to get to this location?**

☐ Yes        If YES: where did you park?
☐ No         _____

## How did you get to Location 2?

**What was the primary type of transportation you used?**

☐ Car, van, truck        ☐ Motorcycle or moped
☐ Bicycle                ☐ Taxi
☐ Walk                   ☐ School Bus
☐ Service vehicle        ☐ Cargo transport vehicle
☐ Transit Bus (Specify Route: _____ )
☐ Other _____

### *If you used a car, van, or truck for this trip . . .*

Were you the . . .?    ☐ driver    ☐ passenger

Including yourself, how many
TOTAL people were in the vehicle? _____

Including yourself, how many people
from YOUR HOUSEHOLD were in the vehicle? _____

Was this a . . .?    ☐ Carpool    ☐ Vanpool    ☐ Neither

Please indicate the following about the vehicle:

Year _____    Make/Model _____

Was this your household's vehicle?    ☐ Yes    ☐ No

How much did you pay to park?    $_____

## What did you do here?

**What did you do at this location? (check all that apply)**

☐ Return Home from your primary job
☐ Return Home for another reason
☐ Meal/Eat
☐ Work
☐ Work Related
☐ School
☐ Personal Business: _____
☐ Volunteer/Civic
☐ Shop
☐ Social/Recreation/Entertainment
☐ Pick-Up/Drop-Off Passenger
☐ Change Mode (car to bus): _____

**When did you leave this location?**

___ ___ : ___ ___    ☐ AM    ☐ PM

- - - - - - - - - - - - OR - - - - - - - - - - - - -

☐ This was the last place I went today

---

### If You **Forgot** a Stop *Anywhere* Between This Location and Location 3, Provide the Information Below:

For what reason did you stop between Location 2 and 3? _____    Number of minutes stopped: _____

Where did you stop?    _____    _____    _____
                        Name of Stop Location              Address or Nearest Intersection              City, County, and State

---

## Location 7: Where did you go next?

**When did you arrive at this location?**

___ ___ : ___ ___    ☐ AM    ☐ PM

_____
What is the Name of this Location?

_____
What Type of Place/Business Is This?

_____
Street Address (be as specific as possible)

_____ & _____
Nearest Intersecting Streets

_____ _____ ____
City             County        State

_____
Zip Code (if known)

**Did you walk more than a block from a parking lot or bus stop to get to this location?**

☐ Yes        If YES: where did you park?
☐ No         _____

## How did you get to Location 7?

**What was the primary type of transportation you used?**

☐ Car, van, truck        ☐ Motorcycle or moped
☐ Bicycle                ☐ Taxi
☐ Walk                   ☐ School Bus
☐ Service vehicle        ☐ Cargo transport vehicle
☐ Transit Bus (Specify Route: _____ )
☐ Other _____

### *If you used a car, van, or truck for this trip . . .*

Were you the . . .?    ☐ driver    ☐ passenger

Including yourself, how many
TOTAL people were in the vehicle? _____

Including yourself, how many people
from YOUR HOUSEHOLD were in the vehicle? _____

Was this a . . .?    ☐ Carpool    ☐ Vanpool    ☐ Neither

Please indicate the following about the vehicle:

Year _____    Make/Model _____

Was this your household's vehicle?    ☐ Yes    ☐ No

How much did you pay to park?    $_____

## What did you do here?

**What did you do at this location? (check all that apply)**

☐ Return Home from your primary job
☐ Return Home for another reason
☐ Meal/Eat
☐ Work
☐ Work Related
☐ School
☐ Personal Business: _____
☐ Volunteer/Civic
☐ Shop
☐ Social/Recreation/Entertainment
☐ Pick-Up/Drop-Off Passenger
☐ Change Mode (car to bus): _____

**When did you leave this location?**

___ ___ : ___ ___    ☐ AM    ☐ PM

- - - - - - - - - - - - OR - - - - - - - - - - - - -

☐ This was the last place I went today

---

### If You **Forgot** a Stop *Anywhere* Between This Location and Location 8, Provide the Information Below:

For what reason did you stop between Location 7 and 8? _____    Number of minutes stopped: _____

Where did you stop?    _____    _____    _____
                        Name of Stop Location              Address or Nearest Intersection              City, County, and State

## Location 8: Where did you go next?

**When did you arrive at this location?**

___ ___ : ___ ___     ☐ AM  ☐ PM

_____
What is the Name of this Location?

_____
What Type of Place/Business Is This?

_____
Street Address (be as specific as possible)

_____ & _____
Nearest Intersecting Streets

_____ _____ ____
City                County              State

_____
Zip Code (if known)

Did you walk **more than a block** from a parking lot or bus stop to get to this location?

☐ Yes        If YES: where did you park?
☐ No         _____

## How did you get to Location 8?

**What was the primary type of transportation you used?**

☐ Car, van, truck      ☐ Motorcycle or moped
☐ Bicycle              ☐ Taxi
☐ Walk                 ☐ School Bus
☐ Service vehicle      ☐ Cargo transport vehicle
☐ Transit Bus (Specify Route: _____ )
☐ Other _____

*If you used a car, van, or truck for this trip . . .*

Were you the . . .?  ☐ driver      ☐ passenger

Including yourself, how many
TOTAL people were in the vehicle? _____

Including yourself, how many people
from YOUR HOUSEHOLD were in the vehicle? _____

Was this a . . .?  ☐ Carpool   ☐ Vanpool   ☐ Neither

Please indicate the following about the vehicle:

Year _____    Make/Model _____

Was this your household's vehicle?  ☐ Yes   ☐ No

How much did you pay to park?   $_____

## What did you do here?

**What did you do at this location?** (check all that apply)

☐ Return Home from your primary job
☐ Return Home for another reason
☐ Meal/Eat
☐ Work
☐ Work Related
☐ School
☐ Personal Business: _____
☐ Volunteer/Civic
☐ Shop
☐ Social/Recreation/Entertainment
☐ Pick-Up/Drop-Off Passenger
☐ Change Mode (car to bus): _____

**When did you leave this location?**

___ ___ : ___ ___     ☐ AM   ☐ PM

- - - - - - - - - - - - OR - - - - - - - - - - - - -

☐ This was the last place I went today

### If You **Forgot** a Stop *Anywhere* Between This Location and Location 9, Provide the Information Below:

For what reason did you stop between Location 8 and 9? _____    Number of minutes stopped: _____

Where did you stop?    _____    _____    _____
                       Name of Stop Location        Address or Nearest Intersection       City, County, and State

---

## Location 1: Where did you go first?

**When did you arrive at this location?**

___ ___ : ___ ___     ☐ AM  ☐ PM

_____
What is the Name of this Location?

_____
What Type of Place/Business Is This?

_____
Street Address (be as specific as possible)

_____ & _____
Nearest Intersecting Streets

_____ _____ ____
City                County              State

_____
Zip Code (if known)

Did you walk **more than a block** from a parking lot or bus stop to get to this location?

☐ Yes        If YES: where did you park?
☐ No         _____

## How did you get to Location 1?

**What was the primary type of transportation you used?**

☐ Car, van, truck      ☐ Motorcycle or moped
☐ Bicycle              ☐ Taxi
☐ Walk                 ☐ School Bus
☐ Service vehicle      ☐ Cargo transport vehicle
☐ Transit Bus (Specify Route: _____ )
☐ Other _____

*If you used a car, van, or truck for this trip . . .*

Were you the . . .?  ☐ driver      ☐ passenger

Including yourself, how many
TOTAL people were in the vehicle? _____

Including yourself, how many people
from YOUR HOUSEHOLD were in the vehicle? _____

Was this a . . .?  ☐ Carpool   ☐ Vanpool   ☐ Neither

Please indicate the following about the vehicle:

Year _____    Make/Model _____

Was this your household's vehicle?  ☐ Yes   ☐ No

How much did you pay to park?   $_____

## What did you do here?

**What did you do at this location?** (check all that apply)

☐ Return Home from your primary job
☐ Return Home for another reason
☐ Meal/Eat
☐ Work
☐ Work Related
☐ School
☐ Personal Business: _____
☐ Volunteer/Civic
☐ Shop
☐ Social/Recreation/Entertainment
☐ Pick-Up/Drop-Off Passenger
☐ Change Mode (e.g., car to bus): _____

**When did you leave this location?**

___ ___ : ___ ___     ☐ AM   ☐ PM

- - - - - - - - - - - - OR - - - - - - - - - - - - -

☐ This was the last place I went today

### If You **Forgot** a Stop *Anywhere* Between This Location and Location 2, Provide the Information Below:

For what reason did you stop between Location 1 and 2? _____    Number of minutes stopped: _____

Where did you stop?    _____    _____    _____
                       Name of Stop Location        Address or Nearest Intersection       City, County, and State

## Start Location: At 3:00 am today, were you . . .?

☐ At Home

*Please proceed to "Location 1" on the next page.*

☐ Traveling (you were driving or flying at 3:00 am today)

**What type of transportation were you using?**

☐ Car, van, truck    ☐ Motorcycle or moped
☐ Bicycle    ☐ Taxi
☐ Walk    ☐ School Bus
☐ Service vehicle    ☐ Cargo transport vehicle
☐ Transit Bus (Specify Route: _____ )
☐ Other _____

Were you the . . .?    ☐ driver    ☐ passenger

Including yourself, how many
TOTAL people were in the vehicle? _____

Including yourself, how many people
from YOUR HOUSEHOLD were in the vehicle? _____

Was this a . . .?    ☐ Carpool    ☐ Vanpool    ☐ Neither

Please indicate the following about the vehicle:

Year _____    Make/Model _____

Was this your household's vehicle? ☐ Yes    ☐ No

☐ At Work, or

☐ At Another Location

_____
What is the Name of this Location?

_____
What Type of Place/Business Is This?

_____
Street Address (be as specific as possible)

_____ _____ ____
City     County     State

_____
Zip Code (if known)

_____ & _____
Nearest Intersecting Streets
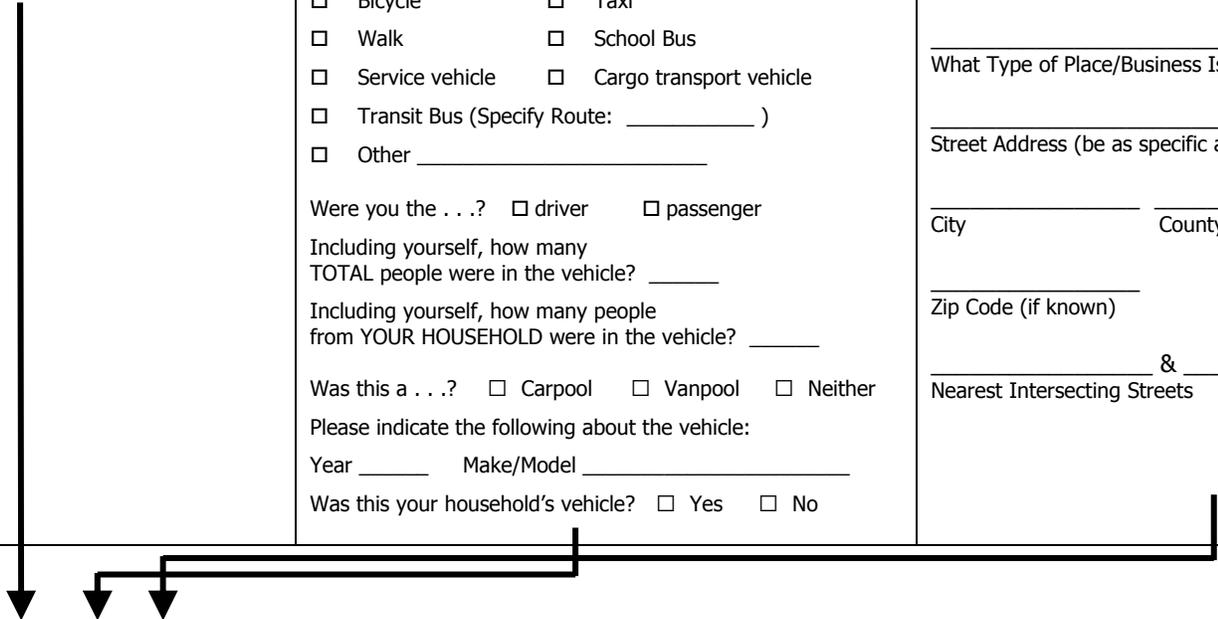
At what time did you leave your starting location?_____

## Location 9: Where did you go next? | How did you get to Location 9? | What did you do here?

**Location 9:** Where did you go next?

When did you arrive at this location?
___ ___ : ___ ___    ☐ AM    ☐ PM

_____
What is the Name of this Location?

_____
What Type of Place/Business Is This?

_____
Street Address (be as specific as possible)

_____ & _____
Nearest Intersecting Streets

_____ _____ ____
City     County     State

_____
Zip Code (if known)

Did you walk **more than a block** from a parking lot or bus stop to get to this location?

☐ Yes     If YES: where did you park?
☐ No     _____

**How did you get to Location 9?**

What was the primary type of transportation you used?

☐ Car, van, truck    ☐ Motorcycle or moped
☐ Bicycle    ☐ Taxi
☐ Walk    ☐ School Bus
☐ Service vehicle    ☐ Cargo transport vehicle
☐ Transit Bus (Specify Route: _____ )
☐ Other _____

*If you used a car, van, or truck for this trip . . .*

Were you the . . .?    ☐ driver    ☐ passenger

Including yourself, how many
TOTAL people were in the vehicle? _____

Including yourself, how many people
from YOUR HOUSEHOLD were in the vehicle? _____

Was this a . . .?    ☐ Carpool    ☐ Vanpool    ☐ Neither

Please indicate the following about the vehicle:

Year _____    Make/Model _____

Was this your household's vehicle? ☐ Yes    ☐ No

How much did you pay to park?    $_____

**What did you do here?**

What did you do at this location? (check all that apply)

☐ Return Home from your primary job
☐ Return Home for another reason
☐ Meal/Eat
☐ Work
☐ Work Related
☐ School
☐ Personal Business: _____
☐ Volunteer/Civic
☐ Shop
☐ Social/Recreation/Entertainment
☐ Pick-Up/Drop-Off Passenger
☐ Change Mode (car to bus): _____

When did you leave this location?

___ ___ : ___ ___    ☐ AM    ☐ PM

- - - - - - - - - - - - OR - - - - - - - - - - - -

☐ This was the last place I went today

### If You **Forgot** a Stop *Anywhere* Between This Location and Location 10, Provide the Information Below:

For what reason did you stop between Location 9 and 10? _____    Number of minutes stopped: _____

Where did you stop?    _____    _____    _____
     Name of Stop Location           Address or Nearest Intersection           City, County, and State

## Location 10: Where did you go next?

When did you arrive at this location?

___ ___ : ___ ___   ☐ AM  ☐ PM

_____
What is the Name of this Location?

_____
What Type of Place/Business Is This?

_____
Street Address (be as specific as possible)

_____ & _____
Nearest Intersecting Streets

_____ _____ ____
City          County        State

_____
Zip Code (if known)

Did you walk **more than a block** from a parking lot or bus stop to get to this location?

☐ Yes        If YES: where did you park?
☐ No         _____

## How did you get to Location 10?

What was the primary type of transportation you used?

☐ Car, van, truck     ☐ Motorcycle or moped
☐ Bicycle             ☐ Taxi
☐ Walk                ☐ School Bus
☐ Service vehicle     ☐ Cargo transport vehicle
☐ Transit Bus (Specify Route: _____ )
☐ Other _____

_____

### If you used a car, van, or truck for this trip . . .

Were you the . . .?  ☐ driver      ☐ passenger

Including yourself, how many
TOTAL people were in the vehicle? _____

Including yourself, how many people
from YOUR HOUSEHOLD were in the vehicle? _____

Was this a . . .?  ☐ Carpool  ☐ Vanpool  ☐ Neither

Please indicate the following about the vehicle:

Year _____   Make/Model _____

Was this your household's vehicle?  ☐ Yes  ☐ No

How much did you pay to park?   $_____

## What did you do here?

What did you do at this location? (check all that apply)

☐ Return Home from your primary job
☐ Return Home for another reason
☐ Meal/Eat
☐ Work
☐ Work Related
☐ School
☐ Personal Business: _____
☐ Volunteer/Civic
☐ Shop
☐ Social/Recreation/Entertainment
☐ Pick-Up/Drop-Off Passenger
☐ Change Mode (car to bus): _____

When did you leave this location?

___ ___ : ___ ___   ☐ AM  ☐ PM

- - - - - - - - - - - - OR - - - - - - - - - - - - -

☐ This was the last place I went today

---

### If You **Forgot** a Stop **_Anywhere_** Between This Location and the "Additional Locations" Provide the Information Below:

For what reason did you stop between Location 10 and 11? _____   Number of minutes stopped: _____

Where did you stop?   _____   _____   _____
                       Name of Stop Location       Address or Nearest Intersection    City, County, and State

---

# Work Information

Do you currently work on a regular basis?   ☐ Yes   ☐ No

_If you do not currently work, please go to the "Start Location" section._

How many different jobs do you have? _____

**If you have more than one job, please refer to the job at which you spend the most hours for the following questions.**

In which type of industry do you work?

☐ Agriculture, forestry, fishing and hunting, mining
☐ Construction
☐ Manufacturing
☐ Wholesale trade
☐ Retail Trade
☐ Transportation, warehousing, utilities
☐ Information
☐ Finance, insurance, real estate, rental, leasing
☐ Professional, scientific, management, administrative, and water management services
☐ Education, health, social services
☐ Arts, entertainment, recreation, accommodation, and food service
☐ Other services (except public administration)
☐ Public administration

Of the last seven days,
how many did you work at home? ___ days

What is the location of your workplace?

_____
Name of Employer

_____
Type of Business

_____
Street Address

_____ _____ _____
City,          County           State

_____
Zip Code

_____ & _____
Nearest Intersecting Streets

Is this location an office in the home
or a business operated out of the home?   ☐ Yes  ☐ No

# Instructions

**Please tell us about <u>ALL locations you traveled to</u>, <u>what you did</u>, and <u>how you got there</u>, beginning at 3 a.m. Include all changes in location you made whether you were traveling by vehicle, bus, bike, walking, or other means. Give us as much information as you can about each location or place you stopped, no matter how short. For example, if you stop to get gas on your way to work, please record both locations separately. Also, <u>try to record as much detail about the address as possible</u>. For example, write 123 N. Main Street instead of 123 Main.**

**If you have any questions, please call 1-888-801-5368**

ETC Institute

# School Information

Do you currently attend school?　　□ Yes　　□ No

(This includes all levels of school, from day care to college.)

*If you do <u>not</u> currently attend school, please go to the "Bike Use" section to the right.*

What type of school do you attend?

□ Day Care/Preschool

□ K-12 (Elementary – High School)

If your answer to the question is below this line, please also answer the question below.

□ Vocational or trade school

□ Post-secondary (College, professional school)

□ Other (Specify): _____

Are you enrolled for 12 or more hours?　□ Yes　　□ No

# Bike Use

Of the last seven days,
How many did you ride a bike? _____ days

What was the most common purpose for your bike trip(s)?

□　Work

□　School

□　Shopping

□　Visiting

□　Recreation/Exercise

□　Other (Specify): _____

# Additional Locations

Use the additional sheets provided if you have more than 10 Locations where you made a stop.

# Questions?

If you have any questions,
please call **1-888-801-5368** toll-free.

**ETC Institute
725 W. Frontier Circle
Olathe, KS 66061**

# Comments

_____

_____

_____

_____

**Thank you for your participation in this important survey.**

| **Location 2**: Where did you go next? | **How did you get to Location 2?** | **What did you do here?** |
|---|---|---|

**When did you arrive at this location?**

___ ___ : ___ ___   ☐ AM  ☐ PM

_____
**What is the Name of this Location?**

_____
**What Type of Place/Business Is This?**

_____
**Street Address (be as specific as possible)**

_____ & _____
**Nearest Intersecting Streets**

_____  _____  _____
City           County           State

_____
**Zip Code (if known)**

**Did you walk more than a block from a parking lot or bus stop to get to this location?**

☐ Yes       If YES: where did you park?
☐ No         _____

---

**What was the primary type of transportation you used?**

☐ Car, van, truck      ☐ Motorcycle or moped
☐ Bicycle              ☐ Taxi
☐ Walk                 ☐ School Bus
☐ Service vehicle      ☐ Cargo transport vehicle

☐ Transit Bus (Specify Route: _____ )
☐ Other _____

*If you used a car, van, or truck for this trip . . .*

Were you the . . .?  ☐ driver      ☐ passenger

Including yourself, how many
TOTAL people were in the vehicle? _____

Including yourself, how many people
from YOUR HOUSEHOLD were in the vehicle? _____

Was this a . . .?  ☐ Carpool   ☐ Vanpool   ☐ Neither

Please indicate the following about the vehicle:

Year _____   Make/Model _____

Was this your household's vehicle?  ☐ Yes   ☐ No

How much did you pay to park?   $_____

---

**What did you do at this location? (check all that apply)**

☐ Return Home from your primary job
☐ Return Home for another reason
☐ Meal/Eat
☐ Work
☐ Work Related
☐ School
☐ Personal Business: _____
☐ Volunteer/Civic
☐ Shop
☐ Social/Recreation/Entertainment
☐ Pick-Up/Drop-Off Passenger
☐ Change Mode (car to bus): _____

**When did you leave this location?**

___ ___ : ___ ___   ☐ AM   ☐ PM

- - - - - - - - - - - - OR - - - - - - - - - - - - -

☐ This was the last place I went today

---

**If You Stopped _Anywhere_ Between This Location and Location 3, Provide the Information Below:**

For what reason did you stop between Location 2 and 3? _____   Number of minutes stopped: _____

Where did you stop?   _____   _____   _____
                       Name of Stop Location        Address or Nearest Intersection    City, County, and State

---

Each person completes an activity/travel diary for **ONE** day
See Example on back page

Circle your travel day:      Monday      Tuesday      Wednesday      Thursday      Friday

Write your travel date:_____

Person's age: _____      Gender:      Male      Female

If someone stays home all day, mark diary Location 1 "stayed home all day" and return.

If someone is out of town or away from residence for entire day and night,
Mark diary Location 1 "out of region all day" and return.

# 2010 El Paso Regional
# HOUSEHOLD ACTIVITY/TRAVEL SURVEY

Texas Department of Transportation

El Paso MPO

## El Paso Regional
## Household Activity/Travel Survey

DATE

<NAME>
<ADDRESS>
<CITY> <STATE>  <ZIP>

Dear <NAME>:

On behalf of the Texas Department of Transportation and the El Paso Metropolitan Planning Organization (MPO), ETC Institute would like to thank you for your participation in the 2010 El Paso Regional Household Activity/Travel Survey.

By sharing your household's activity and travel information, you are helping to determine and plan for the transportation needs of the greater El Paso area.

If you have any questions, please give me a call toll-free at 888-801-5368.

Sincerely,

Chris Tatham
Project Manager
ETC Institute

<QNO>