



# Abilene Urban Transportation Study

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

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*Prepared by*



# Contents

Overview .....	1
Selecting the Sample.....	1
Designing the Survey.....	4
Conducting the Household Activity/Travel Survey.....	5
Conducting the Passive GPS Survey .....	9
Verifying and Editing Survey Data .....	12
Processing and Geocoding Methodology .....	13
Summary of Appendices to the Report.....	15
Household Trip Rate Table.....	16

## **APPENDICES**

Household Data .....	Appendix A
Person Data.....	Appendix B
Vehicle Data .....	Appendix C
Recruitment Script.....	Appendix D
Retrieval Script.....	Appendix E
Travel Diary and Other Survey Materials.....	Appendix F

## ***Overview***

The Household/Activity Travel Survey for the Abilene area consisted of households in Taylor and Jones counties. 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 Abilene Urban Transportation Study (AUTS) consisted of households in the Abilene Metropolitan Planning Organization (MPO) study. This report describes the sampling methodology that was used for the Abilene MPO study area and includes data in the trip table and appendices for respondents from the Abilene 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-\$17,499, \$17,500-\$32,499, \$32,500-\$49,999, \$50,000-\$74,999, and \$75,000 or more). The total of all cells in the sample plan was to be at least 2,000 complete and useable surveys. Tables 1 and 2 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**  
 (AUTS)

<i>Income Ranges</i>	<i>Household Size</i>				<i>Totals</i>
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4+</b>	
<b>\$0 to \$17,499</b>	66	109	43	44	262
<b>\$17,500 to \$32,499</b>	67	150	61	144	422
<b>\$32,500 to \$49,999</b>	60	150	84	162	456
<b>\$50,000 to \$74,999</b>	30	150	85	157	422
<b>\$75,000 +</b>	30	150	108	150	438
<b><i>Totals</i></b>	<b>253</b>	<b>709</b>	<b>381</b>	<b>657</b>	<b>2,000</b>

**Table 2**  
**Distribution of Completed Surveys by Type of Household**  
 (AUTS)

<i>Income Ranges</i>	<i>Household Size</i>				<i>Totals</i>
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4+</b>	
<b>\$0 to \$17,499</b>	80	113	40	40	273
<b>\$17,500 to \$32,499</b>	84	166	58	132	440
<b>\$32,500 to \$49,999</b>	60	163	82	157	462
<b>\$50,000 to \$74,999</b>	43	167	89	158	457
<b>\$75,000 +</b>	29	169	112	154	464
<b><i>Totals</i></b>	<b>296</b>	<b>778</b>	<b>381</b>	<b>641</b>	<b>2,096</b>

The total number of completed surveys exceeded the contractual goal by 96 surveys. The goal was to complete 2,000. The actual number of completed surveys was 2,096. There was good geographic representation from each of the counties that were included in the survey.

The number of completed surveys met or exceeded 90% of the goal for all combinations of household size and income categories.

In order to obtain the desired number of completed surveys, 15,711 telephone numbers were called. Of these:

- 2,969 (18.9%) resulted in contact with an eligible household that agreed to participate in the survey. Of those who initially agreed to participate in the survey, 2,096 households actually completed the survey.
- 5,562 (35.4%) resulted in contact with a household that refused to participate in the survey
- 2,231 (14.2%) resulted in contact with an ineligible household (including non-working, non-household, and non-voice lines)
- 4,949 (31.5%) 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 7.4 households that were contacted completed a survey.

<b>Household Size</b>	<b>Completed</b>	<b>Attempts</b>	<b>Attempts/Complete</b>
One	296	1,784	6.0
Two	778	5,789	7.4
Three	381	2,651	6.9
Four or more	641	5,487	9.1
<b>Total</b>	<b>2,096</b>	<b>15,711</b>	<b>7.4</b>

## ***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 28 households during February of 2010 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 7 of the 28 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 34 of the 162

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 28 of the 34 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 2,969 households from the Abilene MPO study area to participate in the survey. The goal was to have at least 2,000 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 71%. A total of 2,096 of the 2,969 households that were recruited provided complete 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 organizations 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 2,096 households in the Abilene MPO study area from April 2010 through September 2011.

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 2,096 households that participated in the survey, ETC Institute was able to complete follow-up calls to verify the data provided with 2,033 (or 97% of the households). The average length of the retrieval interview was 30.8 minutes. Table 4 (below) shows the average length of the retrieval interview by size of household.

<b>Household Size</b>	<b>Completed</b>	<b>Length (in minutes)</b>
One	296	19.8
Two	778	28.4
Three	381	33.9
Four	641	41.2
<b>Total</b>	<b>2,096</b>	<b>30.8</b>

- Reporting of Income.** 100% of the households that participated in the household activity survey provided annual household income data. Of these, 71% provided the information during the initial recruitment call; 22% provided the information during the data retrieval call, and 7% 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 2,096 households that participated in the survey, 1,833 provided their travel data by phone. A total of 1,453 (1,174 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 63 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 incentives to all households that participated in the passive GPS survey. Households 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 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 200 passive GPS surveys were to be completed.

## Table 5

### GPS Survey Sampling Goals by Type of Household (AUTS)

<b><i>Income Ranges</i></b>	<b><i>Household Size</i></b>				<b><i>Totals</i></b>
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4+</b>	
<b>\$0 to \$17,499</b>	10	10	10		30
<b>\$17,500 to \$32,499</b>	10	15	20		45
<b>\$32,500 to \$49,999</b>	15	15	15		35
<b>\$50,000 to \$74,999</b>		15	10	20	50
<b>\$75,000 +</b>		15	10	10	40
<b><i>Totals</i></b>	35	70	60	35	<b>200</b>

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

(AUTS)

<i>Income Ranges</i>	<i>Household Size</i>				<i>Totals</i>
	<b>1</b>	<b>2</b>	<b>3</b>	<b>4+</b>	
<b>\$0 to \$17,499</b>	8	12	8		28
<b>\$17,500 to \$32,499</b>	10	19	21		50
<b>\$32,500 to \$49,999</b>	17	19	15		38
<b>\$50,000 to \$74,999</b>		10	8	22	50
<b>\$75,000 +</b>		14	9	8	32
<b>Totals</b>	35	74	34	57	<b>200</b>

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 “high” income households (see Table 6). In order to offset the lower response rate among the large, high income cells, ETC Institute offered all households in the higher income category with more than two occupants \$100 regardless of the number of vehicles. Even with the incentive, higher income households were less willing to participate in the AUTS 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



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 251 households agreed to participate in the passive GPS Survey during the initial recruitment call. Of the 251 that originally agreed to participate, 200 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 Abilene 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 Abilene 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 a minimum of four and desired 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*** separately for Taylor County and Jones 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*** separately for Taylor County and Jones 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*** separately for Taylor County and Jones 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***.

<b>AUTS 2010-11 Household Activity/Travel Survey Trips Per Household (N=2,096)</b>						
<b>Persons in Household</b>						
<b>Income</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>TOTAL</b>
<b>&lt; \$17,500</b>	Mean	2.45	5.14	6.95	15.83	6.18
	Median	2.00	4.00	6.00	14.00	4.00
	Std Error	0.32	0.45	0.61	1.86	0.44
	95% Low	1.82	4.25	5.76	12.18	5.33
	95% High	3.08	6.03	8.14	19.47	7.04
	Sample Size	N = 80	N = 113	N = 40	N = 40	N = 273
	Total Trips	196	581	278	633	1688
<b>\$17,500 to \$32,499</b>	Mean	4.11	6.01	8.98	16.44	9.17
	Median	4.00	4.00	8.00	14.00	7.00
	Std Error	0.33	0.43	0.79	0.99	0.43
	95% Low	3.46	5.16	7.43	14.50	8.32
	95% High	4.76	6.86	10.54	18.38	10.01
	Sample Size	N = 84	N = 166	N = 58	N = 132	N = 440
	Total Trips	345	997	521	2170	4033
<b>\$32,500 to \$49,999</b>	Mean	3.63	6.36	8.88	15.82	9.67
	Median	3.00	6.00	8.00	14.00	8.00
	Std Error	0.38	0.45	0.62	0.74	0.39
	95% Low	2.90	5.47	7.67	14.37	8.91
	95% High	4.37	7.25	10.08	17.27	10.42
	Sample Size	N = 60	N = 163	N = 82	N = 157	N = 462
	Total Trips	218	1036	728	2484	4466
<b>\$50,000 to \$74,999</b>	Mean	4.81	7.05	10.60	19.19	11.73
	Median	4.00	6.00	9.00	16.00	9.00
	Std Error	0.55	0.42	0.67	1.50	0.62
	95% Low	3.75	6.23	9.28	16.26	10.52
	95% High	5.88	7.88	11.91	22.12	12.94
	Sample Size	N = 43	N = 167	N = 89	N = 158	N = 457
	Total Trips	207	1178	943	3032	5360
<b>&gt; \$75,000</b>	Mean	4.00	9.35	11.85	18.05	12.50
	Median	4.00	8.00	10.00	17.00	10.00
	Std Error	0.49	0.75	0.96	0.74	0.48
	95% Low	3.05	7.89	9.97	16.60	11.57
	95% High	4.95	10.81	13.73	19.49	13.44
	Sample Size	N = 29	N = 169	N = 112	N = 154	N = 464
	Total Trips	116	1580	1327	2779	5802
<b>TOTAL</b>	Mean	3.66	6.90	9.97	17.31	10.19
	Median	3.00	6.00	9.00	16.00	8.00
	Std Error	0.18	0.24	0.38	0.51	0.22
	95% Low	3.30	6.43	9.22	16.32	9.75
	95% High	4.01	7.38	10.71	18.31	10.62
	Sample Size	N = 296	N = 778	N = 381	N = 641	N = 2096
	Total Trips	1082	5372	3797	11098	21349

*Appendix A:*  
*Household Data*

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**Location of Participating Household By City**

N=2096	Q12 Household County		Total
	Taylor	Jones	
Total	1635 78.0%	461 22.0%	2096 100.0%
<u>Q10 City</u>			
ABILENE	1499 93.6%	65 14.1%	1564 75.8%
STAMFORD	0 0.0%	101 21.9%	101 4.9%
HAWLEY	0 0.0%	87 18.9%	87 4.2%
ANSON	0 0.0%	96 20.8%	96 4.7%
HAMLIN	0 0.0%	78 16.9%	78 3.8%
OVALO	11 0.7%	0 0.0%	11 0.5%
TRENT	5 0.3%	2 0.4%	7 0.3%
AVOCA	0 0.0%	4 0.9%	4 0.2%
MERKEL	47 2.9%	23 5.0%	70 3.4%
LUEDERS	0 0.0%	4 0.9%	4 0.2%
BUFFALO GAP	7 0.4%	0 0.0%	7 0.3%

**Location of Participating Household By City**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
<u>Q10 City (Cont.)</u>			
TYE	14 0.9%	0 0.0%	14 0.7%
JONES	0 0.0%	1 0.2%	1 0.0%
LAWN	7 0.4%	0 0.0%	7 0.3%
DYESS AFB	8 0.5%	0 0.0%	8 0.4%
WINGATE	2 0.1%	0 0.0%	2 0.1%
GOLDSBORO	1 0.1%	0 0.0%	1 0.0%

**Household Occupancy**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	1635 78.0%	461 22.0%	2096 100.0%

**Q17 Number of Persons**

1	213 13.0%	83 18.0%	296 14.1%
2	553 33.8%	225 48.8%	778 37.1%
3	320 19.6%	61 13.2%	381 18.2%
4 or More	549 33.6%	92 20.0%	641 30.6%

**Mean Household Occupancy**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Number	1635	461	2096
Percent	78.0%	22.0%	100.0%

**Q17 Number of Persons**

Mean	3.0	2.5	2.9
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**Number of Employed Persons Per Household**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	1635 78.0%	461 22.0%	2096 100.0%

**Q18 Number Employed**

0	475 29.1%	199 43.2%	674 32.2%
1	545 33.3%	123 26.7%	668 31.9%
2	485 29.7%	124 26.9%	609 29.1%
3 or More	130 8.0%	15 3.3%	145 6.9%

**Mean Number of Employed Persons Per Household**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Number	1635	461	2096
Percent	78.0%	22.0%	100.0%

**Q18 Number Employed**

Mean	1.2	0.9	1.1
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**Number of Vehicles Available**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	Taylor	Jones	
Total	1635 78.0%	461 22.0%	2096 100.0%

**Q19 Vehicles Available**

0	35 2.1%	15 3.3%	50 2.4%
1	407 24.9%	109 23.6%	516 24.6%
2	680 41.6%	191 41.4%	871 41.6%
3 or More	513 31.4%	146 31.7%	659 31.4%

**Mean Number of Vehicles Available**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	Taylor	Jones	
Number	1635	461	2096
Percent	78.0%	22.0%	100.0%

**Q19 Vehicles Available**

Mean	2.2	2.1	2.1
------	-----	-----	-----



**Number of Vehicles Owned**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	1635 78.0%	461 22.0%	2096 100.0%

**Q20 Vehicles Owned**

0	39 2.4%	16 3.5%	55 2.6%
1	417 25.5%	115 24.9%	532 25.4%
2	679 41.5%	190 41.2%	869 41.5%
3 or More	500 30.6%	140 30.4%	640 30.5%

**Mean Number of Vehicles Owned**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Number	1635	461	2096
Percent	78.0%	22.0%	100.0%

**Q20 Vehicles Owned**

Mean	2.1	2.1	2.1
------	-----	-----	-----

**Number of Bicycles Available**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	Taylor	Jones	
Total	1635 78.0%	461 22.0%	2096 100.0%

**Q21 Bikes**

0	944 57.7%	301 65.3%	1245 59.4%
1	228 13.9%	45 9.8%	273 13.0%
2	223 13.6%	60 13.0%	283 13.5%
3 or More	240 14.7%	55 11.9%	295 14.1%

**Mean Number of Bicycles Available**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	Taylor	Jones	
Number	1635	461	2096
Percent	78.0%	22.0%	100.0%

**Q21 Bikes**

Mean	1.0	0.8	1.0
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**Type of Residence**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	1635 78.0%	461 22.0%	2096 100.0%

**Q22 Residence**

Unattached Single	1495 91.4%	400 86.8%	1895 90.4%
Condo	2 0.1%	1 0.2%	3 0.1%
Duplex	22 1.3%	3 0.7%	25 1.2%
Apartment	58 3.5%	14 3.0%	72 3.4%
Mobile Home	55 3.4%	43 9.3%	98 4.7%
Other	3 0.2%	0 0.0%	3 0.1%

**Tenure in the AUTS Area**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	1635 78.0%	461 22.0%	2096 100.0%
<u>Q24 Tenure</u>			
Less than 1 year	48 2.9%	10 2.2%	58 2.8%
One year	51 3.1%	9 2.0%	60 2.9%
Two years	75 4.6%	19 4.1%	94 4.5%
Three years	87 5.3%	20 4.3%	107 5.1%
Four years	58 3.5%	20 4.3%	78 3.7%
Five or more	1315 80.4%	383 83.1%	1698 81.0%
Don't Know	1 0.1%	0 0.0%	1 0.0%

**Annual Household Income**

N=2096

	<u>Q12 Household County</u>		<u>Total</u>
	Taylor	Jones	
Total	1635 78.0%	461 22.0%	2096 100.0%

**Q29 Income**

Less than \$5,000	7 0.4%	4 0.9%	11 0.5%
\$5,000 to \$9,999	27 1.7%	10 2.2%	37 1.8%
\$10,000-\$14,999	81 5.0%	33 7.2%	114 5.4%
\$15,000-\$17,499	94 5.7%	17 3.7%	111 5.3%
\$17,500-\$19,999	35 2.1%	8 1.7%	43 2.1%
\$20,000-\$22,499	64 3.9%	24 5.2%	88 4.2%
\$22,500-\$24,999	40 2.4%	12 2.6%	52 2.5%
\$25,000-\$27,499	53 3.2%	15 3.3%	68 3.2%
\$27,500-\$29,999	49 3.0%	6 1.3%	55 2.6%
\$30,000-\$32,499	94 5.7%	40 8.7%	134 6.4%
\$32,500-\$34,999	49 3.0%	14 3.0%	63 3.0%

**Annual Household Income**

N=2096

	<u>Q12 Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
<u>Q29 Income (Cont.)</u>			
\$35,000-\$39,999	83 5.1%	36 7.8%	119 5.7%
\$40,000-\$44,999	92 5.6%	27 5.9%	119 5.7%
\$45,000-\$49,999	139 8.5%	22 4.8%	161 7.7%
\$50,000-\$54,999	93 5.7%	30 6.5%	123 5.9%
\$55,000-\$59,999	50 3.1%	15 3.3%	65 3.1%
\$60,000-\$64,999	63 3.9%	23 5.0%	86 4.1%
\$65,000-\$69,999	58 3.5%	13 2.8%	71 3.4%
\$70,000-\$74,999	91 5.6%	21 4.6%	112 5.3%
\$75,000-\$79,999	80 4.9%	27 5.9%	107 5.1%
\$80,000-\$99,999	104 6.4%	17 3.7%	121 5.8%
\$100,000-\$124,999	103 6.3%	30 6.5%	133 6.3%
\$125,000-\$149,999	51 3.1%	8 1.7%	59 2.8%
\$150,000-\$199,999	17 1.0%	7 1.5%	24 1.1%
\$200,000+	18 1.1%	2 0.4%	20 1.0%

**Annual Household Income for Sampling Purposes**

N=2096	Q12 Household County		Total
	Taylor	Jones	
Total	1635 78.0%	461 22.0%	2096 100.0%
<b><u>Q30 Sample HH Income</u></b>			
<\$17,500	209 12.8%	64 13.9%	273 13.0%
\$17,500K-\$32,499	335 20.5%	105 22.8%	440 21.0%
\$32,500K-\$49,999	363 22.2%	99 21.5%	462 22.0%
\$50K-\$74,999	355 21.7%	102 22.1%	457 21.8%
\$75K+	373 22.8%	91 19.7%	464 22.1%

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

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	1635 78.0%	461 22.0%	2096 100.0%
<u>Q31 Day Visitors</u>			
0	1185 72.5%	326 70.7%	1511 72.1%
1	232 14.2%	70 15.2%	302 14.4%
2	124 7.6%	35 7.6%	159 7.6%
3	48 2.9%	16 3.5%	64 3.1%
4 or More	46 2.8%	14 3.0%	60 2.9%



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

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	1635 78.0%	461 22.0%	2096 100.0%
<u>Q32 Overnight Visitors</u>			
0	1575 96.3%	439 95.2%	2014 96.1%
1	31 1.9%	11 2.4%	42 2.0%
2	16 1.0%	7 1.5%	23 1.1%
3	7 0.4%	2 0.4%	9 0.4%
4 or More	6 0.4%	2 0.4%	8 0.4%

**Are Any Vehicles Used for Deliveries?**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	Taylor	Jones	
Total	1635 78.0%	461 22.0%	2096 100.0%

**Q33 Delivery Vehicle**

Yes	130 8.0%	49 10.6%	179 8.5%
No	1505 92.0%	412 89.4%	1917 91.5%

**Number of Delivery Trucks in Household**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	Taylor	Jones	
Total	1635 78.0%	461 22.0%	2096 100.0%

**Q34 Number Delivery Driver**

0	1504 92.0%	412 89.4%	1916 91.5%
1	122 7.5%	48 10.4%	170 8.1%
2	6 0.4%	1 0.2%	7 0.3%
3	2 0.1%	0 0.0%	2 0.1%

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

N=2096	Q12 Household County		Total
	Taylor	Jones	
Total	1635 78.0%	461 22.0%	2096 100.0%

**Q35 Phone Service**

0	1617 98.9%	453 98.3%	2070 98.8%
1	14 0.9%	7 1.5%	21 1.0%
2	3 0.2%	1 0.2%	4 0.2%
3	1 0.1%	0 0.0%	1 0.0%

**On average, how long without phone**

N=2096

	Q12 Household County		Total
	Taylor	Jones	
Total	1635 78.0%	461 22.0%	2096 100.0%
<b><u>Q36 Time Without</u></b>			
Less than 1 week	9 50.0%	3 37.5%	12 46.2%
1 week-<2 weeks	5 27.8%	1 12.5%	6 23.1%
2 weeks-<1 month	1 5.6%	0 0.0%	1 3.8%
1 month-<3 month	2 11.1%	3 37.5%	5 19.2%
3 months-<6 mo	0 0.0%	1 12.5%	1 3.8%
6 months-<1 year	1 5.6%	0 0.0%	1 3.8%

**Were Vehicles Used By Non-HH Members**

N=2096	<u>Q12 Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	1635 78.0%	461 22.0%	2096 100.0%

**Q37 HH Vehicle Use by Non HH Member**

Yes	11 0.7%	4 0.9%	15 0.7%
No	1591 97.3%	442 95.9%	2033 97.0%
Zero Vehicle HH	33 2.0%	15 3.3%	48 2.3%

**HOUSEHOLD TRIP RATES--COUNTY**

<u>Q39 Total HH Trips</u>	<u>Mean</u>	<u>SD</u>	<u>N</u>	<u>Pct.</u>
For Entire Sample	10.19	10.21	2096	100.0%

**Q12 Household County**

Taylor	10.89	10.49	1635	78.0%
Jones	7.69	8.70	461	22.0%
No response	0.00	0.00	0	0.0%

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

<u>Q39 Total HH Trips</u>	<u>Mean</u>	<u>SD</u>	<u>N</u>	<u>Pct.</u>
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For Entire Sample (Missing = 0)	10.19	10.21	2096	100.0%
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**Q17 Number of Persons**

1=1	3.66	3.11	296	14.1%
2=2	6.90	6.76	778	37.1%
3=3	9.97	7.45	381	18.2%
4=4 or More	17.31	12.82	641	30.6%

**HOUSEHOLD TRIP RATES--Trips by Household Size--Jones County**

<u>Q39 Total HH Trips</u>	<u>Mean</u>	<u>SD</u>	<u>N</u>	<u>Pct.</u>
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For Entire Sample (Missing = 0)	7.69	8.70	461	100.0%
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**Q17 Number of Persons**

1=1	3.33	2.77	83	18.0%
2=2	6.33	8.75	225	48.8%
3=3	7.66	5.42	61	13.2%
4=4 or More	14.95	9.61	92	20.0%

**HOUSEHOLD TRIP RATES--Trips by Household Size--Taylor County**

<u>Q39 Total HH Trips</u>	<u>Mean</u>	<u>SD</u>	<u>N</u>	<u>Pct.</u>
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For Entire Sample (Missing = 0)	10.89	10.49	1635	100.0%
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**Q17 Number of Persons**

1=1	3.78	3.22	213	13.0%
2=2	7.14	5.74	553	33.8%
3=3	10.41	7.71	320	19.6%
4=4 or More	17.71	13.25	549	33.6%

**Total Trips Per Household: ALL AREAS**

<u>Q39 Total HH Trips</u>	<u>Number</u>	<u>Percent</u>
000	161	7.7 %
001	6	0.3 %
002	204	9.7 %
003	81	3.9 %
004	207	9.9 %
005	69	3.3 %
006	163	7.8 %
007	81	3.9 %
008	169	8.1 %
009	75	3.6 %
010	120	5.7 %
011	61	2.9 %
012	91	4.3 %
013	49	2.3 %
014	65	3.1 %
015	39	1.9 %
016	61	2.9 %
017	52	2.5 %
018	40	1.9 %
019	33	1.6 %
020	42	2.0 %
021	17	0.8 %
022	37	1.8 %
023	22	1.0 %
024	20	1.0 %
025	9	0.4 %
026	18	0.9 %
027	16	0.8 %
028	11	0.5 %
029	8	0.4 %
030	4	0.2 %
031	5	0.2 %
032	7	0.3 %
033	4	0.2 %
034	6	0.3 %
035	4	0.2 %
036	7	0.3 %
037	3	0.1 %
038	5	0.2 %
040	1	0.0 %
042	4	0.2 %
043	2	0.1 %

**Total Trips Per Household: ALL AREAS**

<u>Q39 Total HH Trips</u>	<u>Number</u>	<u>Percent</u>
044	2	0.1 %
045	2	0.1 %
046	1	0.0 %
050	2	0.1 %
051	1	0.0 %
053	1	0.0 %
054	1	0.0 %
055	2	0.1 %
064	1	0.0 %
075	1	0.0 %
094	1	0.0 %
116	1	0.0 %
220	1	0.0 %
Total	2096	100.0 %



*Appendix B:*  
*Person Data*

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**Gender**

N=6007	<u>Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	4864 81.0%	1140 19.0%	6007 100.0%

**Q6 Sex**

Male	2310 47.5%	560 49.1%	2872 47.8%
Female	2554 52.5%	580 50.9%	3135 52.2%

**Ethnicity of Survey Participants**

N=6007	<u>Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	4864 81.0%	1140 19.0%	6007 100.0%

**Q7 Ethnicity**

Black/African	339 7.0%	40 3.5%	379 6.3%
Hispanic/Mexican	658 13.5%	105 9.2%	763 12.7%
Asian/Pacific Is	37 0.8%	5 0.4%	42 0.7%
Native American	56 1.2%	4 0.4%	60 1.0%
White/Caucasian	3762 77.3%	985 86.4%	4750 79.1%
Other Group	12 0.2%	1 0.1%	13 0.2%

**Age**

N=6007

	Household County		Total
	Taylor	Jones	
Total	4864 81.0%	1140 19.0%	6007 100.0%

**Q9 Age**

4 and Under	286 5.9%	57 5.0%	343 5.7%
5 thru 9	370 7.6%	70 6.1%	440 7.3%
10 thru 14	409 8.4%	71 6.2%	480 8.0%
15 thru 19	380 7.8%	70 6.1%	451 7.5%
20 thru 29	359 7.4%	43 3.8%	402 6.7%
30 thru 39	453 9.3%	87 7.6%	540 9.0%
40 thru 49	680 14.0%	115 10.1%	795 13.2%
50 thru 64	985 20.3%	292 25.6%	1279 21.3%
65 thru 74	520 10.7%	176 15.4%	696 11.6%
75 and Over	419 8.6%	159 13.9%	578 9.6%

**Licensed Driver Status**

N=6007	<u>Household County</u>		<u>Total</u>
	Taylor	Jones	
Total	4864 81.0%	1140 19.0%	6007 100.0%

**Q10 Licensed Driver**

Yes	3357 69.0%	867 76.1%	4227 70.4%
No	1507 31.0%	273 23.9%	1780 29.6%

**Employment Status**

N=6007	<u>Household County</u>		<u>Total</u>
	Taylor	Jones	
Total	4864 81.0%	1140 19.0%	6007 100.0%

**Q11 Employed**

Yes	1926 39.6%	416 36.5%	2343 39.0%
No	2938 60.4%	724 63.5%	3664 61.0%

**Type of Employment**

N=2343

	<u>Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	1926 82.2%	416 17.8%	2343 100.0%

**Q12 Employment Status**

Full time-30+	1407 73.1%	302 72.6%	1710 73.0%
Part time-less than 30	260 13.5%	39 9.4%	299 12.8%
Self-Employed Full-Time	186 9.7%	58 13.9%	244 10.4%
Self-Employed Part-Time	73 3.8%	17 4.1%	90 3.8%

**Hours Employed Per Week**

N=2343	Household County		Total
	Taylor	Jones	
Total	1926 82.2%	416 17.8%	2343 100.0%
<u>Q13 Hours</u>			
1-10 Hours	41 2.1%	11 2.6%	52 2.2%
11-20 Hours	202 10.5%	32 7.7%	234 10.0%
21-30 Hours	169 8.8%	36 8.7%	205 8.7%
31-35 Hours	58 3.0%	12 2.9%	70 3.0%
36-40 Hours	1141 59.2%	264 63.5%	1406 60.0%
41 or More Hours	315 16.4%	61 14.7%	376 16.0%

**Reasons Not Employed**

N=3664

	Household County		Total
	Taylor	Jones	
Total	2938 80.2%	724 19.8%	3664 100.0%

**Q14 Not Employed**

Retired	860 30.3%	325 45.5%	1185 33.4%
Disability	245 8.6%	60 8.4%	305 8.6%
Homemaker	259 9.1%	49 6.9%	309 8.7%
Looking for work	120 4.2%	26 3.6%	146 4.1%
Not looking for work	45 1.6%	6 0.8%	51 1.4%
Student	1223 43.1%	223 31.2%	1447 40.7%
Other	83 2.9%	26 3.6%	109 3.1%

**Delivery Drivers**

N=2343	<u>Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	1926 82.2%	416 17.8%	2343 100.0%
<u>Q16 Delivery</u>			
Yes	140 7.3%	49 11.8%	190 8.1%
No	1786 92.7%	367 88.2%	2153 91.9%

**Work Schedule**

N=2343	<u>Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	1926 82.2%	416 17.8%	2343 100.0%
<u>Q17 Flex Time</u>			
Flexible/ Variable	648 33.7%	149 35.8%	798 34.1%
Fixed/ Unchanging	1277 66.3%	267 64.2%	1544 65.9%



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

N=2343	<u>Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	1926 82.2%	416 17.8%	2343 100.0%
<u>Q18 Job</u>			
Yes, more than one job	90 4.7%	26 6.3%	116 5.0%
No	1836 95.3%	390 93.8%	2227 95.0%

**Primary Workplace Type**

N=2343	Household County		Total
	Taylor	Jones	
Total	1926 82.2%	416 17.8%	2343 100.0%

**Q20 Workplace Type**

Office Non-government	345 17.9%	66 15.9%	411 17.5%
Office Government	235 12.2%	47 11.3%	282 12.0%
Retail/Shopping/gas	242 12.6%	38 9.1%	280 12.0%
Industrial/Mfg/warehouse	159 8.3%	42 10.1%	202 8.6%
Medical	250 13.0%	60 14.4%	310 13.2%
Education/Day Care/K-12	205 10.6%	49 11.8%	254 10.8%
Education-College/trade school	94 4.9%	8 1.9%	102 4.4%
Residential	198 10.3%	59 14.2%	257 11.0%
Airport	11 0.6%	2 0.5%	13 0.6%
Eating Establishment	96 5.0%	12 2.9%	108 4.6%
Other	91 4.7%	33 7.9%	124 5.3%

**Percentage of Employed Participants Who Have a Home Office**

N=2343	Household County		Total
	Taylor	Jones	
Total	1926 82.2%	416 17.8%	2343 100.0%

**Q22 Home Office**

Yes	173 9.0%	44 10.6%	217 9.3%
No	1753 91.0%	372 89.4%	2126 90.7%

**Percentage of Employed Participants Who Telecommute**

N=2343	Household County		Total
	Taylor	Jones	
Total	1926 82.2%	416 17.8%	2343 100.0%

**Q23 Telecommute**

Yes	168 8.7%	45 10.8%	213 9.1%
No	1758 91.3%	371 89.2%	2130 90.9%

**County Where Employed**

N=2343

	<u>Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	1926 82.2%	416 17.8%	2343 100.0%

**Q26 Workplace County**

Taylor	1806 93.8%	154 37.0%	1961 83.7%
Jones	58 3.0%	240 57.7%	298 12.7%
Wichita	2 0.1%	0 0.0%	2 0.1%
Other	60 3.1%	22 5.3%	82 3.5%

**Days Worked Per Week**

N=2343

	<u>Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	1926 82.2%	416 17.8%	2343 100.0%

**Q32 Days Worked**

1 Day	13 0.7%	5 1.2%	18 0.8%
2 Days	53 2.8%	18 4.3%	71 3.0%
3 Days	132 6.9%	21 5.0%	153 6.5%
4 Days	141 7.3%	39 9.4%	180 7.7%
5 Days	1363 70.8%	267 64.2%	1631 69.6%
6 Days	147 7.6%	29 7.0%	176 7.5%
7 Days	77 4.0%	37 8.9%	114 4.9%

**Days Worked at Home**

N=2343

	Household County		Total
	Taylor	Jones	
Total	1926 82.2%	416 17.8%	2343 100.0%

**Q33 Work at Home**

Did not work at home	1758 91.3%	368 88.5%	2127 90.8%
1 Day	21 1.1%	3 0.7%	24 1.0%
2 Days	12 0.6%	8 1.9%	20 0.9%
3 Days	16 0.8%	5 1.2%	21 0.9%
4 Days	12 0.6%	4 1.0%	16 0.7%
5 Days	66 3.4%	11 2.6%	77 3.3%
6 Days	11 0.6%	4 1.0%	15 0.6%
7 Days	29 1.5%	13 3.1%	42 1.8%
Refused	1 0.1%	0 0.0%	1 0.0%

**Second Workplace Type**

N=116	Household County		Total
	Taylor	Jones	
Total	90 77.6%	26 22.4%	116 100.0%

**Q34 Second Job Type**

Office Non-government	17 18.9%	3 11.5%	20 17.2%
Office Government	3 3.3%	2 7.7%	5 4.3%
Retail/Shopping	8 8.9%	3 11.5%	11 9.5%
Industrial/Mfg	2 2.2%	1 3.8%	3 2.6%
Medical	12 13.3%	1 3.8%	13 11.2%
Education/K-12	4 4.4%	1 3.8%	5 4.3%
Education-College	3 3.3%	0 0.0%	3 2.6%
Residential	15 16.7%	8 30.8%	23 19.8%
Airport	1 1.1%	0 0.0%	1 0.9%
Eating Establish	6 6.7%	0 0.0%	6 5.2%
Other	17 18.9%	5 19.2%	22 19.0%

**Secondary Job Status**

N=116	<u>Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	90 77.6%	26 22.4%	116 100.0%

**Q36 Second Job Employment Status**

Full Time	2 2.2%	1 3.8%	3 2.6%
Part Time	59 65.6%	10 38.5%	69 59.5%
Self-Employed Full-Time	1 1.1%	1 3.8%	2 1.7%
Self-Employed Part-Time	26 28.9%	12 46.2%	38 32.8%
Refused	2 2.2%	2 7.7%	4 3.4%



**Primary Occupation**

N=2343

	<u>Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	1926 82.2%	416 17.8%	2343 100.0%

**Q38 Primary Occupation**

Management, professional, related	746 38.7%	148 35.6%	894 38.2%
Service	716 37.2%	156 37.5%	872 37.2%
Sales and Office	241 12.5%	34 8.2%	276 11.8%
Farming/Fishing/forestry	30 1.6%	23 5.5%	53 2.3%
Construction	115 6.0%	30 7.2%	145 6.2%
Production/ Transportation	78 4.0%	25 6.0%	103 4.4%

**Primary Industry**

N=2343

	<u>Household County</u>		<u>Total</u>
	Taylor	Jones	
Total	1926 82.2%	416 17.8%	2343 100.0%

**Q39 Primary Industry**

Agriculture	45 2.3%	30 7.2%	75 3.2%
Construction	91 4.7%	25 6.0%	116 5.0%
Manufacturing	73 3.8%	19 4.6%	92 3.9%
Wholesale trade	29 1.5%	4 1.0%	34 1.5%
Retail trade	236 12.3%	38 9.1%	274 11.7%
Transportation	100 5.2%	31 7.5%	131 5.6%
Information	24 1.2%	0 0.0%	24 1.0%
Finance/Insurance	110 5.7%	18 4.3%	128 5.5%
Professional	240 12.5%	56 13.5%	296 12.6%
Education/Health	592 30.7%	118 28.4%	710 30.3%
Arts/Entertainment	129 6.7%	13 3.1%	142 6.1%

**Primary Industry**

N=2343

<u>Household County</u>		<u>Total</u>
<u>Taylor</u>	<u>Jones</u>	

**Q39 Primary Industry (Cont.)**

Other services	199 10.3%	37 8.9%	236 10.1%
Public Admin	58 3.0%	26 6.3%	84 3.6%
Refused	0 0.0%	1 0.2%	1 0.0%

**Secondary Occupation**

N=116	<u>Household County</u>		<u>Total</u>
	Taylor	Jones	
Total	90 77.6%	26 22.4%	116 100.0%

**Q40 Secondary Occupation**

Management	32 35.6%	9 34.6%	41 35.3%
Service	45 50.0%	5 19.2%	50 43.1%
Sales and Office	7 7.8%	3 11.5%	10 8.6%
Farming/Fishing	3 3.3%	5 19.2%	8 6.9%
Construction	1 1.1%	3 11.5%	4 3.4%
Production/Trans	1 1.1%	0 0.0%	1 0.9%
Refused	1 1.1%	1 3.8%	2 1.7%

**Secondary Industry**

N=116	Household County		Total
	Taylor	Jones	
Total	90 77.6%	26 22.4%	116 100.0%
<b><u>Q41 Secondary Industry</u></b>			
Agriculture	4 4.4%	5 19.2%	9 7.8%
Construction	0 0.0%	1 3.8%	1 0.9%
Wholesale trade	2 2.2%	1 3.8%	3 2.6%
Retail trade	9 10.0%	0 0.0%	9 7.8%
Transportation	2 2.2%	0 0.0%	2 1.7%
Information	2 2.2%	0 0.0%	2 1.7%
Finance/Insurance	7 7.8%	3 11.5%	10 8.6%
Professional/scientific	2 2.2%	4 15.4%	6 5.2%
Education/Health	25 27.8%	0 0.0%	25 21.6%
Arts/Entertainment	14 15.6%	1 3.8%	15 12.9%
Other services	21 23.3%	9 34.6%	30 25.9%

**Secondary Industry**

N=116

	<u>Household County</u>		<u>Total</u>
	Taylor	Jones	

**Q41 Secondary Industry (Cont.)**

Public Administration	1 1.1%	1 3.8%	2 1.7%
Refused	1 1.1%	1 3.8%	2 1.7%

**Student Status**

N=6007

	<u>Household County</u>		<u>Total</u>
	Taylor	Jones	

Total	4864 81.0%	1140 19.0%	6007 100.0%
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**Q42 Student Status**

Yes	1385 28.5%	234 20.5%	1620 27.0%
No	3479 71.5%	906 79.5%	4387 73.0%

**School Type**

N=1620

	Household County		Total
	Taylor	Jones	
Total	1385 85.5%	234 14.5%	1620 100.0%

**Q43 School Type**

Day Care/Pre-school	102 7.4%	22 9.4%	124 7.7%
K-12th	1032 74.5%	193 82.5%	1226 75.7%
Post Secondary/college/ trade	200 14.4%	19 8.1%	219 13.5%
Other	51 3.7%	0 0.0%	51 3.1%

**Number of Days Used Bike in Past Week**

N=6007

	Household County		Total
	Taylor	Jones	
Total	4864 81.0%	1140 19.0%	6007 100.0%

**Q46 Bike Use**

00	4493 92.4%	1036 90.9%	5532 92.1%
01	89 1.8%	27 2.4%	116 1.9%
02	113 2.3%	28 2.5%	141 2.3%
03	53 1.1%	8 0.7%	61 1.0%
04	41 0.8%	5 0.4%	46 0.8%
05	23 0.5%	3 0.3%	26 0.4%
06	5 0.1%	3 0.3%	8 0.1%
07	47 1.0%	30 2.6%	77 1.3%



**Purpose for Using Bike**

N=475

	<u>Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	371 78.1%	104 21.9%	475 100.0%

**Q47 Bike Purpose**

Work	1 0.3%	3 2.9%	4 0.8%
School	7 1.9%	1 1.0%	8 1.7%
Shopping	3 0.8%	0 0.0%	3 0.6%
Visiting	2 0.5%	0 0.0%	2 0.4%
Recreation/exercise	354 95.4%	100 96.2%	454 95.6%
Don't Know	4 1.1%	0 0.0%	4 0.8%

**Disability Status**

N=6007	<u>Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	4864 81.0%	1140 19.0%	6007 100.0%

**Q48 Disability**

Yes	345 7.1%	94 8.2%	439 7.3%
No	4519 92.9%	1046 91.8%	5568 92.7%

**Travel on Designated Travel Day**

N=6007	<u>Household County</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	4864 81.0%	1140 19.0%	6007 100.0%

**Q49 Travel**

Yes	4046 83.2%	875 76.8%	4924 82.0%
No	726 14.9%	240 21.1%	966 16.1%
Out of area	92 1.9%	25 2.2%	117 1.9%

*Appendix C:*  
*Vehicle Data*

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**Type of Vehicle**

N=4498

	county		Total
	Taylor	Jones	
Total	3522 78.3%	974 21.7%	4498 100.0%

**Q4 Type of Vehicle**

Motorcycle	59 1.7%	10 1.0%	69 1.5%
Car	1445 41.0%	330 33.9%	1775 39.5%
Van	277 7.9%	46 4.7%	324 7.2%
Sport Utility	703 20.0%	162 16.6%	865 19.2%
Pickup Truck	1024 29.1%	416 42.7%	1441 32.0%
Cargo Van	3 0.1%	4 0.4%	7 0.2%
Commercial Cargo Transport Vehicle	4 0.1%	6 0.6%	10 0.2%
Commercial Service Vehicle	5 0.1%	0 0.0%	5 0.1%
Other	2 0.1%	0 0.0%	2 0.0%

**Year of Vehicle**

<u>Q6 Year</u>	<u>Number</u>	<u>Percent</u>
1930	1	0.0 %
1940	1	0.0 %
1946	2	0.0 %
1947	2	0.0 %
1950	1	0.0 %
1951	1	0.0 %
1953	1	0.0 %
1954	1	0.0 %
1955	1	0.0 %
1957	1	0.0 %
1960	2	0.0 %
1961	2	0.0 %
1962	1	0.0 %
1963	3	0.1 %
1964	3	0.1 %
1965	4	0.1 %
1966	1	0.0 %
1967	1	0.0 %
1968	3	0.1 %
1969	6	0.1 %
1970	3	0.1 %
1971	6	0.1 %
1972	7	0.2 %
1973	6	0.1 %
1974	4	0.1 %
1975	4	0.1 %
1976	7	0.2 %
1977	4	0.1 %
1978	8	0.2 %
1979	10	0.2 %
1980	7	0.2 %
1981	13	0.3 %
1982	11	0.2 %
1983	7	0.2 %
1984	19	0.4 %
1985	12	0.3 %
1986	17	0.4 %
1987	24	0.5 %
1988	16	0.4 %
1989	39	0.9 %
1990	41	0.9 %
1991	54	1.2 %
1992	52	1.2 %
1993	57	1.3 %
1994	77	1.7 %
1995	118	2.6 %
1996	137	3.0 %
1997	141	3.1 %
1998	138	3.1 %
1999	165	3.7 %
2000	261	5.8 %
2001	246	5.5 %
2002	268	6.0 %
2003	257	5.7 %
2004	279	6.2 %
2005	249	5.5 %
2006	295	6.6 %

**Year of Vehicle**

<u>Q6 Year</u>	<u>Number</u>	<u>Percent</u>
2007	310	6.9 %
2008	285	6.3 %
2009	230	5.1 %
2010	180	4.0 %
2011	38	0.8 %
Dont Know	358	8.0 %
<u>Refused</u>	0	0.0 %
Total	4498	100.0 %

**Make of Vehicle**

N=4498

	county		Total
	Taylor	Jones	
Total	3522 78.3%	974 21.7%	4498 100.0%
<b><u>Q7 Make</u></b>			
Acura	10 0.3%	0 0.0%	10 0.2%
BMW	5 0.1%	2 0.2%	7 0.2%
Buick	149 4.2%	47 4.8%	196 4.4%
Cadillac	63 1.8%	16 1.6%	79 1.8%
Chevrolet	790 22.4%	307 31.5%	1098 24.4%
Chrysler	82 2.3%	24 2.5%	106 2.4%
Dodge	272 7.7%	92 9.4%	364 8.1%
Ford	578 16.4%	178 18.3%	756 16.8%
Geo	4 0.1%	0 0.0%	4 0.1%
GMC	158 4.5%	35 3.6%	193 4.3%
Harley Davidson	30 0.9%	4 0.4%	34 0.8%

**Make of Vehicle**

N=4498

	county		Total
	Taylor	Jones	
<u>Q7 Make (Cont.)</u>			
Honda	195 5.5%	23 2.4%	218 4.8%
Hyundai	48 1.4%	7 0.7%	55 1.2%
Infiniti	6 0.2%	0 0.0%	6 0.1%
Isuzu	8 0.2%	3 0.3%	11 0.2%
Jeep	74 2.1%	15 1.5%	89 2.0%
Kawasaki	5 0.1%	1 0.1%	6 0.1%
KIA	18 0.5%	1 0.1%	19 0.4%
Lexus	24 0.7%	3 0.3%	27 0.6%
Lincoln	51 1.4%	18 1.8%	69 1.5%
Mazda	50 1.4%	10 1.0%	60 1.3%
Mercury	55 1.6%	16 1.6%	72 1.6%
Mercedes-Benz	12 0.3%	2 0.2%	14 0.3%



**Make of Vehicle**

N=4498

	county		Total
	Taylor	Jones	
<u>Q7 Make (Cont.)</u>			
Mitsubishi	29 0.8%	4 0.4%	33 0.7%
Nissan/Datsun	136 3.9%	24 2.5%	160 3.6%
Oldsmobile	51 1.4%	17 1.7%	68 1.5%
Plymouth	13 0.4%	2 0.2%	15 0.3%
Pontiac	67 1.9%	11 1.1%	78 1.7%
Porsche	4 0.1%	1 0.1%	5 0.1%
Range/Land Rover	0 0.0%	1 0.1%	1 0.0%
Saturn	40 1.1%	10 1.0%	50 1.1%
Subaru	6 0.2%	2 0.2%	8 0.2%
Suzuki	10 0.3%	1 0.1%	11 0.2%
Toyota	292 8.3%	59 6.1%	351 7.8%
Volkswagon	57 1.6%	9 0.9%	66 1.5%

**Make of Vehicle**

N=4498

	county		Total
	Taylor	Jones	
<u>Q7 Make (Cont.)</u>			
Volvo	5 0.1%	0 0.0%	5 0.1%
Yamaha	3 0.1%	1 0.1%	4 0.1%
Daewoo	1 0.0%	0 0.0%	1 0.0%
Freightliner	2 0.1%	0 0.0%	2 0.0%
Intl Harvester	0 0.0%	3 0.3%	3 0.1%
Other Make Motor	3 0.1%	0 0.0%	3 0.1%
Other	4 0.1%	0 0.0%	4 0.1%
Don't Know	112 3.2%	25 2.6%	137 3.0%

**Type of Fuel Used**

N=4498

	<u>county</u>		<u>Total</u>
	<u>Taylor</u>	<u>Jones</u>	
Total	3522 78.3%	974 21.7%	4498 100.0%

**Q10 Type of Fuel**

Gasoline	3419 97.1%	917 94.1%	4338 96.4%
Diesel	97 2.8%	56 5.7%	153 3.4%
Natural Gas	1 0.0%	0 0.0%	1 0.0%
Gas/Electric	5 0.1%	1 0.1%	6 0.1%

**Percentage of Vehicles Used for Commercial Purposes**

N=4498	county		Total
	Taylor	Jones	
Total	3522 78.3%	974 21.7%	4498 100.0%
<u>Q12 Commercial Use</u>			
Yes	130 3.7%	43 4.4%	173 3.8%
No	3392 96.3%	930 95.5%	4324 96.1%
Refused	0 0.0%	1 0.1%	1 0.0%

*Appendix D:*  
***Recruitment Script***

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**Texas Department of Transportation  
2010 Abilene Regional Household Activity/Travel Survey  
Recruitment Interview**

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**INTRO**

READ: “This is [YOUR NAME]. I’m calling for the (speak slow and clear for name recognition) Texas Department of Transportation.. We are not selling anything. The reason I am calling is that we need input from residents to plan transportation improvements in the Abilene 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)

**OTHER TIME** 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 completely confidential.”

**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 Taylor (GO TO PURPOSE)
- 02 Jones (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 Abilene 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) <b>(Go to V8)</b>
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)
--

**HOUSEHOLD INFORMATION FILE - continued**

**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 Abilene 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 Abilene 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 \$17,499

04 - \$50,000 to \$74,999

98 – Don't Know

02 - \$17,500 to \$32,499

05 - \$75,000+

99 – Refused

03 - \$32,500 to \$49,999

**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 Abilene 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
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**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 Abilene 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 GPSEDETAILS)
- 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***

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**Texas Department of Transportation  
2010 Abilene Area Household Activity/Travel Survey  
Retrieval Script**

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**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 not 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 not 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

## **STUDENT ISSUES**

### **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 Taylor (GO TO PURPOSE)  
02 Jones (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 Taylor (GO TO PURPOSE)
- 02 Jones (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

XX

**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 Taylor (GO TO PURPOSE)
- 02 Jones (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

<b>PROGRAMMER NOTE: REPEAT T8 Thru T49 Until ALL TRIPS ARE REPORTED</b>
---

**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*

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Abilene

METROPOLITAN PLANNING ORGANIZATION  
Urban Transportation Study

## Abilene Regional Household Activity/Travel Survey

---

Greetings:

The Texas Department of Transportation (TxDOT), in cooperation with the Abilene Metropolitan Planning Organization (MPO), is conducting a survey of more than 2,000 households in Taylor and Jones counties 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,

A handwritten signature in cursive script that reads "Charlie Hall".

Charlie Hall  
Travel Survey Program Manager  
Texas Department of Transportation



Abilene

METROPOLITAN PLANNING ORGANIZATION  
Urban Transportation Study

## Abilene Regional Household Activity/Travel Survey

---

Dear Abilene Area Resident:

**Thank you for agreeing to take part in the Household Activity/Travel Survey for the Abilene area.** ETC Institute, a survey research firm, is currently administering this important survey on behalf of the Texas Department of Transportation and the Abilene 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 Abilene 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](mailto: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 **field trip while at school**, 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 travel day begins at 3:00 am on the day shown on the orange card and goes until 3:00 am the next day. (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 whenever possible** 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 123 W. Main St not 123 Main.**
- **If 2 or more persons in the household travel together, the trip should appear on each person's travel diaries.**

## **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  No If YES: where did you park? \_\_\_\_\_

## 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  No If YES: where did you park? \_\_\_\_\_

## 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

\_\_\_\_\_ County \_\_\_\_\_ State  
City

Zip Code (if known)

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

Yes  No If YES: where did you park? \_\_\_\_\_

## 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

\_\_\_\_\_ County \_\_\_\_\_ State  
City

Zip Code (if known)

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

Yes  No If YES: where did you park? \_\_\_\_\_

## 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

\_\_\_\_\_ County \_\_\_\_\_ State  
City

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

\_\_\_\_\_ County \_\_\_\_\_ State  
City

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? \_\_\_\_\_

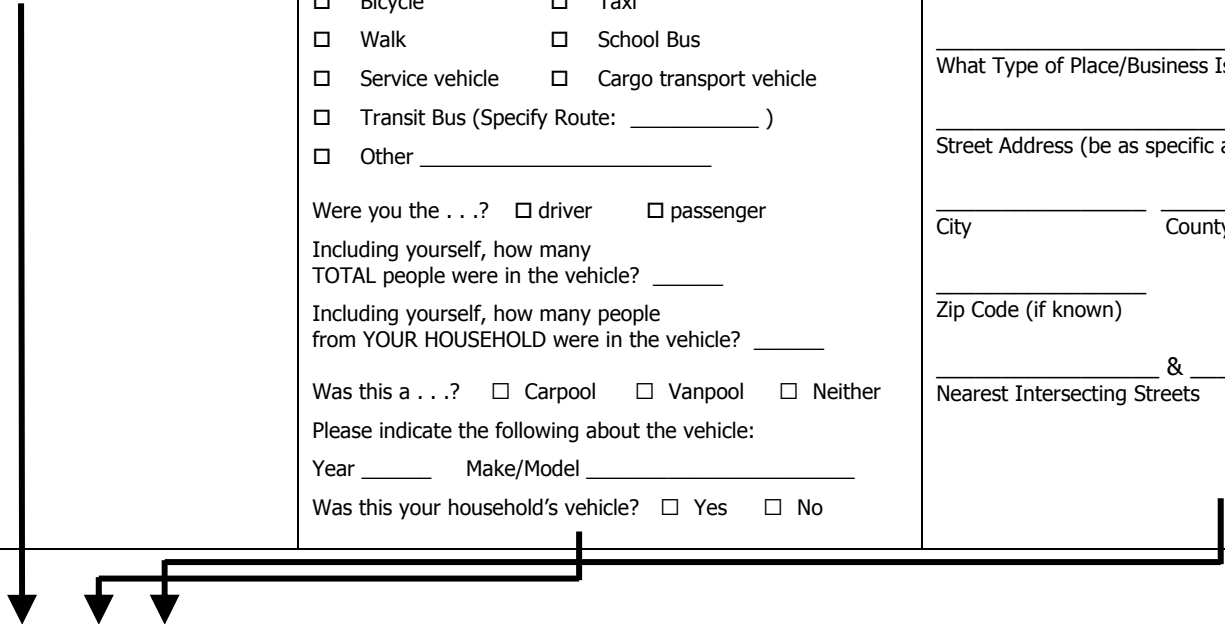
What Type of Place/Business Is This? \_\_\_\_\_

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?

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  No If YES: where did you park? \_\_\_\_\_

## 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 **ALL locations you traveled to, what you did, and how you got there**, 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, **try to record as much detail about the address as possible**. 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 not 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

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

**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  No If YES: where did you park? \_\_\_\_\_

**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 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 Abilene Regional  
HOUSEHOLD ACTIVITY/TRAVEL SURVEY**



Abilene



METROPOLITAN PLANNING ORGANIZATION  
Urban Transportation Study



Abilene

METROPOLITAN PLANNING ORGANIZATION  
Urban Transportation Study

## *Abilene Regional Household Activity/Travel Survey*

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Greetings:

On behalf of the Texas Department of Transportation and the Abilene Metropolitan Planning Organization (MPO), ETC Institute would like to thank you for your participation in the 2010 Abilene 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 Abilene area.

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

Sincerely,

Chris Tatham  
Project Manager  
ETC Institute