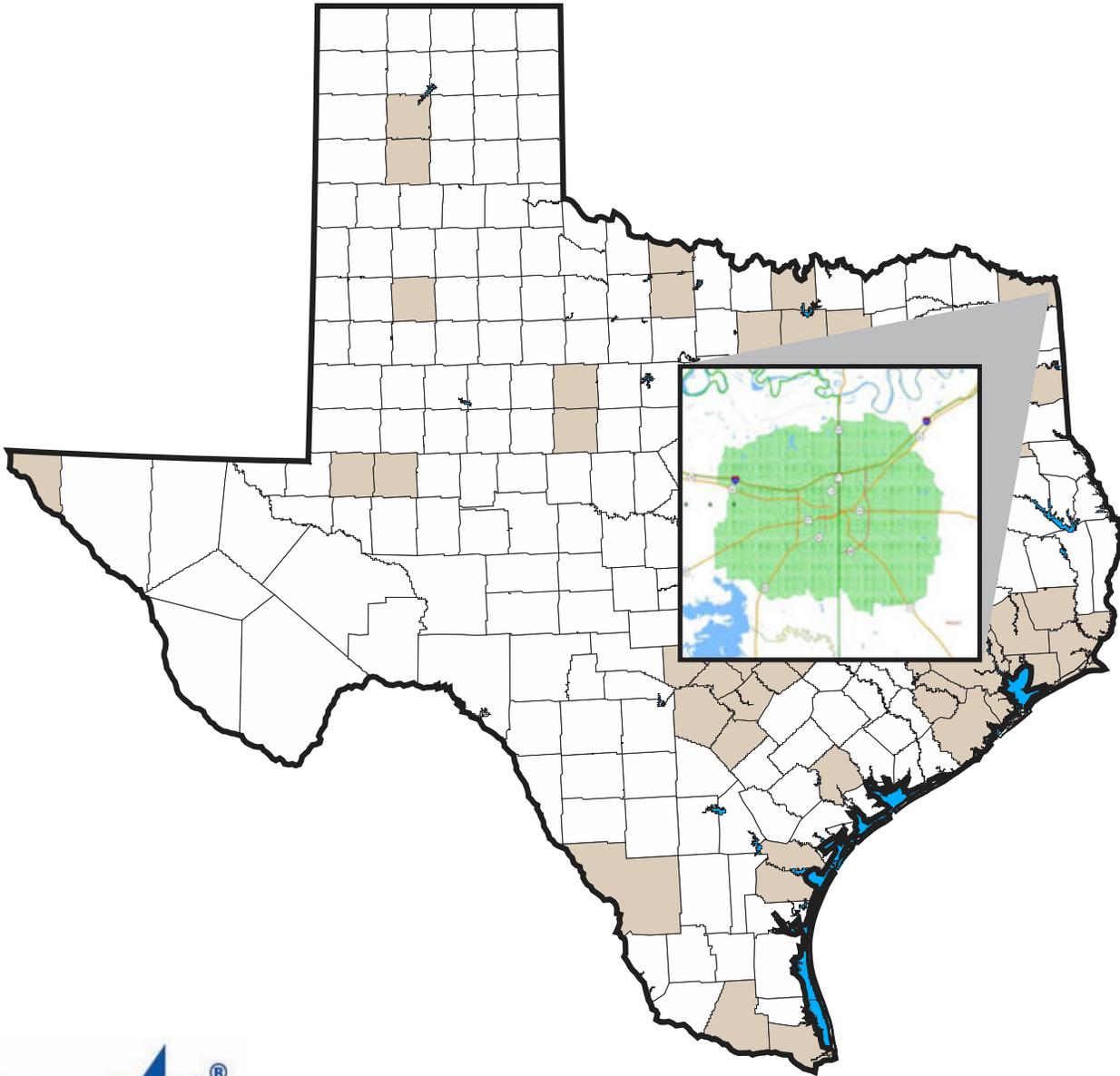


2013 Texarkana Work Place and Special Generator Travel Survey Technical Summary



Prepared by the
Texas A&M Transportation Institute
January 2018



**2013 Texarkana
Work Place and Special Generator
Travel Surveys**

TECHNICAL SUMMARY

Texas Department of Transportation Travel Survey Program

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INTRODUCTION

In 2013, the Transportation Planning and Programming (TPP) Division of the Texas Department of Transportation (TxDOT) funded the Texarkana work place and special generator travel surveys. The purpose of the survey was to collect data on the travel characteristics of employees and non-employees at basic, retail, service, and education establishments. These data would enable TxDOT, in cooperation with the Texarkana Metropolitan Planning Organization (MPO), to develop and/or update trip attraction models to forecast travel demand within the study area.

The study area is located in northeast Texas, as shown in Figure 1, and covers the Texarkana metropolitan area that includes portions of Bowie County, Texas and Miller County, Arkansas. Based on 2010 Census, the Texarkana twin cities have a combined population of 66,330. Texarkana, Texas has a total land area of 29.04 square miles, with a population density of 1,254 persons per square mile. Texarkana, Arkansas has a total land area of 41.66 square miles, with a population density of 718 persons per square mile.

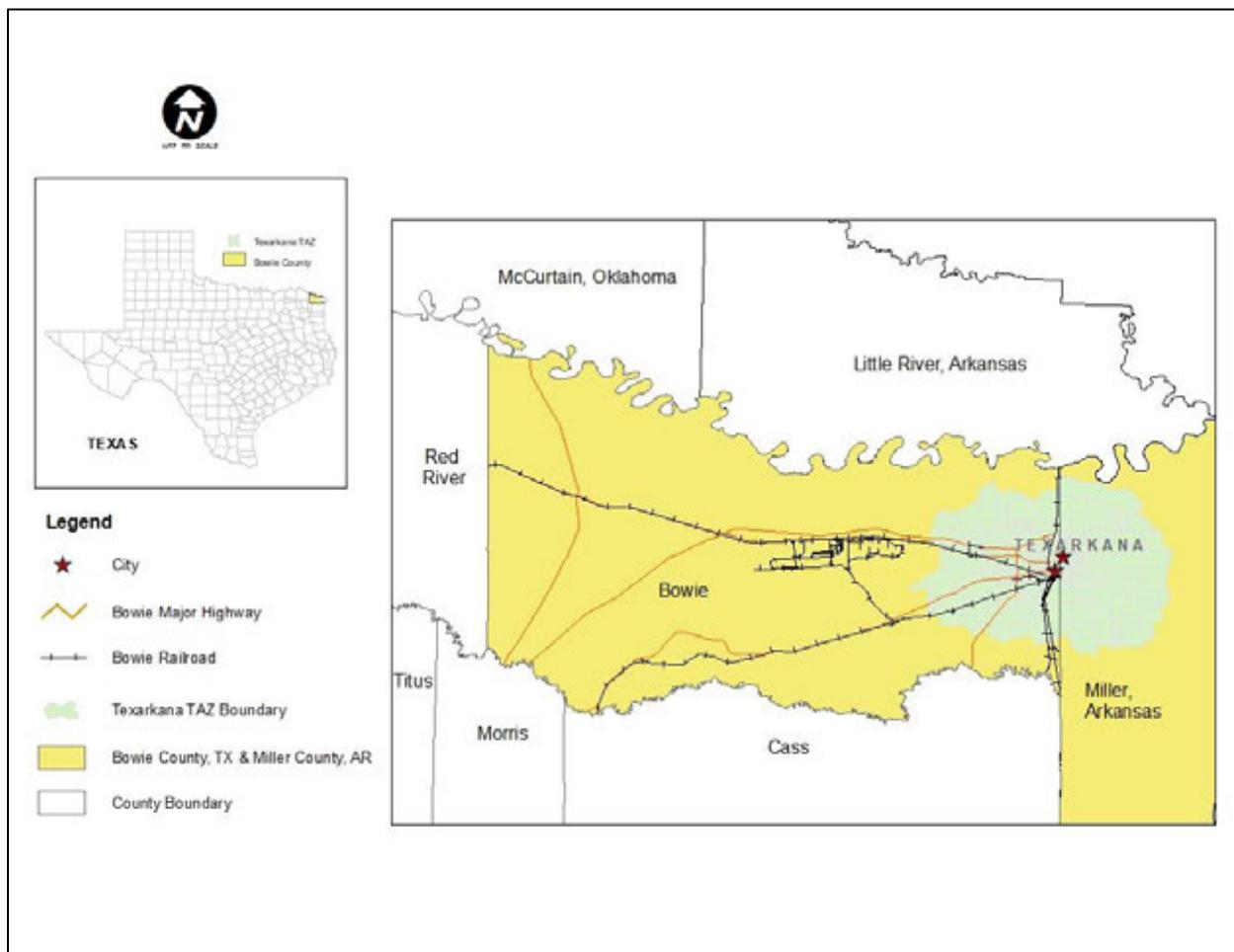


Figure 1. Texarkana Work Place Survey Area.

SURVEY METHODOLOGY

The Texarkana work place surveys were conducted during the period of September 2013 through December 2013. TxDOT contracted with Alliance Transportation Group, Inc. to conduct the surveys. The Texas A&M Transportation Institute (TTI) provided technical assistance to both TxDOT and Alliance in the effort.

The Texarkana work place survey consisted of the following four data collection efforts.

- Establishment Survey. This survey determined whether the work place was free standing (e.g., points of vehicle access and parking were clearly established and were designed to serve that work place only), or non-free standing (e.g., vehicle access points and parking were designed to serve more than one establishment). Data on total employment, number of employees at work during the travel survey day, amount of parking, number of daily deliveries, hours of operation, and other general information were collected in this survey.
- Intercept Interview Survey. This survey involved an intercept interview of persons as they entered and/or exited the establishments. All survey participants were randomly selected, and included both employees and non-employees.
- Person or Vehicle Count. This task involved counting all vehicles entering and exiting surveyed establishments during their normal operating hours using Accumulative Count Recorders (ACRs), video cameras, or manual counts. For those sites not suitable for vehicle counts, person counts were conducted using video cameras and manual counts. The counts were performed at each entrance and exit beginning a minimum of one hour prior to the location's normal operating hours and ending no later than one hour after normal operating hours.
- Commercial Vehicle (CV) Count. This task involved counting the number of commercial vehicles (CVs) accessing the establishment (i.e., making deliveries or pick-ups or other purposes) using ACRs, video cameras, or manual counts.

The surveyed establishments were classified as either full survey sites or partial survey sites, and distinguished according to their free standing or non-free standing status. Full survey sites included all the previously mentioned data collection activities, while partial survey sites only collected general information (e.g., establishment survey) and did not include intercept interview surveys. Counts were conducted at all surveyed sites.

SAMPLING PLAN AND RECRUITMENT

The sampling plan was developed based on establishment data purchased from InfoUSA and the North American Industry Classification System (NAICS) code groupings shown in Table 1.

Table 1. NAICS Groupings by Employment Type.

Employment Type	NAICS Code	Industry Group
Basic	11	Agriculture, Forestry, Fishing and Hunting
	21	Mining
	22	Utilities
	23	Construction
	31-33	Manufacturing
	42	Wholesale Trade
	48-49	Transportation and Warehousing (except 491)
	5111	Newspaper Publishers/Book Publishers/Directory Publishers
	5112	Software Publishers
	512	Motion Picture and Sound Recording (except 51213)
	5151	Radio and TV Broadcasting
	5152	TW Cable
	5173	Telecommunications Resellers
	5174	Satellite Network
	5175	Cable and Other Program Distribution
Retail	44-45	Retail trade
	51213	Motion Picture Theaters
	71	Arts, Entertainment, and Recreation
	722	Accommodation (except Hotels) and Food Services
	491	Post Offices
Service	516 - 5172	Internet Publishing and Telecommunications
	5179	Other Telecommunications
	518 - 519	Internet Service Providers and News Syndicates
	52	Finance & Insurance
	53	Real Estate, Rental, and Leasing
	54	Professional, Scientific, and Technical Services
	55-56	Company Management and Administrative Support
	6114-6116	Business, Technical, Trade, and Other Schools
	6117	Educational Support Services
	62	Health Care and Social Assistance (including Hospitals)
	721	Accommodation (Hotels)
	81	Other Service, Repair, and Maintenance
	92	Public Administration (including Justice, Public Order and Safety, i.e., Police, Fire, and Courts)
9999	Unknown	
Education	6111	Elementary and Secondary Schools
	6112-6113	Jr. Colleges, Colleges, Universities & Professional Schools

Source: TxDOT, 2004.

The Texarkana work place sampling plan sought to obtain 150 full surveys and 150 partial surveys. Table 2 shows the sampling targets by employment type and survey type.

Table 2. Sampling Targets by Employment Type and Survey Type .

Employment Type	Full Survey	Partial Survey	All Surveys
Basic	30	30	60
Retail	60	60	120
Service	45	45	90
Education	15	15	30
Total	150	150	300

The survey sample was drawn from a database containing business listings for Bowie County, and Miller County Arkansas that was purchased from InfoUSA and randomized for recruitment.

The survey sample consisted of 155 full surveys and 150 partial surveys. Full survey sites included all the previously mentioned data collection activities, while partial survey sites only collected general information (i.e., establishment survey) and did not include intercept interview surveys. Counts were conducted at all surveyed sites.

SURVEY RESULTS

The final sample of completed surveys consisted of 250 establishment surveys, 133 full and 117 partials surveys. A total of 56 establishments (22 full surveys that included 494 intercept surveys, and 33 partials) were found to be located outside the Texarkana MPO Traffic Analysis Zone (TAZ) boundary, and were therefore excluded from the analysis. Table 3 shows the distribution of full and partial surveys by employment type and establishment type.

Table 3. Distribution of Surveys by Employment Type and Establishment Type.

Employment Type	Full Survey			Partial Survey			All Surveys		
	FS ¹	NFS ¹	Total	FS ¹	NFS ¹	Total	FS ¹	NFS ¹	Total
Basic	12	3	15	14	1	15	15	15	30
Retail	32	24	56	37	14	51	56	51	107
Service	31	17	48	31	17	48	48	48	96
Education	14	-	14	3	-	3	14	3	17
Total	89	44	133	85	32	117	133	117	250

¹ FS - Free Standing, NFS – Non-Free Standing.

The full survey sites consisted of 89 free standing and 44 non-free standing establishments that reported a total employment of 1,975. A total of 953 employees and 2,199 non-employees (referred to in this report as visitors) participated in the intercept surveys. The surveyed employees represented approximately 56 percent of the total 1,701 employees estimated to be at work during the travel survey day.

The partial survey sites consisted of 85 free standing and 32 non-free standing establishments that reported a total employment of 2,531, of which 1,664 employees were estimated to be at work during the travel survey day. No intercept surveys were conducted at these sites, but general information about the establishments was collected.

The Texarkana MPO study area consisted of four area types — Central Business District (CBD), Urban, Suburban, and Rural. Area type, which is generally determined by land use activity within a Traffic Analysis Zone (TAZ), is measured based on a combination of population and employment density in the zone. The area type classification for Texarkana was based on 2010 TAZ geography, and classified using the following density ranges (persons per acre): CBD (≥ 15), Urban (≥ 10), Suburban (≥ 1) and Rural (≤ 1).

Error! Reference source not found. **shows the general locations of the surveyed establishments in the study area, color-coded by employment type and corresponding area type. Table 4 and**

Table 5. Texarkana Work Place Partial Survey Data Summary.

Area Type	Item	Basic	Retail	Service	Education	Total
CBD	Number of sites	1	3	5	-	9
	Person count	-	813	1,548	-	2,361
	Non-CV count	1,096	1,208	76	-	2,380
	CV count	6	-	22	-	28
	Total employment	35	44	80	-	159
	Employees at work	35	31	78	-	144
Urban	Number of sites	-	5	4	-	9
	Person count	-	15,678	220	-	15,898
	Non-CV count	-	1,598	834	-	2,432
	CV count	-	14	40	-	54
	Total employment	-	541	132	-	673
	Employees at work	-	148	90	-	238
Suburban	Number of sites	10	38	36	3	87
	Person count	760	12,226	3,007	-	15,993
	Non-CV count	1,216	16,255	5,942	-	23,413
	CV count	168	292	236	26	722
	Total employment	136	589	705	167	1,597
	Employees at work	125	400	516	167	1,208
Rural	Number of sites	4	5	3	-	12
	Person count	184	-	204	-	388
	Non-CV count	497	2,323	56	3,316	6,192
	CV count	88	12	2	-	102
	Total employment	42	36	24	-	102
	Employees at work	29	23	22	-	74
Total	Number of sites	15	51	48	3	117
	Person count	944	28,717	4,979	-	34,640
	Non-CV count	2,809	21,384	6,908	3,316	34,417
	CV count	262	318	300	26	906
	Total employment	213	1,210	941	167	2,531
	Employees at work	189	602	706	167	1,664

provide information on the number of sites, employee/visitor intercept surveys, actual counts of person/non-CV/CV, and employment data, by area type for each category of employment, from the full and partial surveys, respectively.

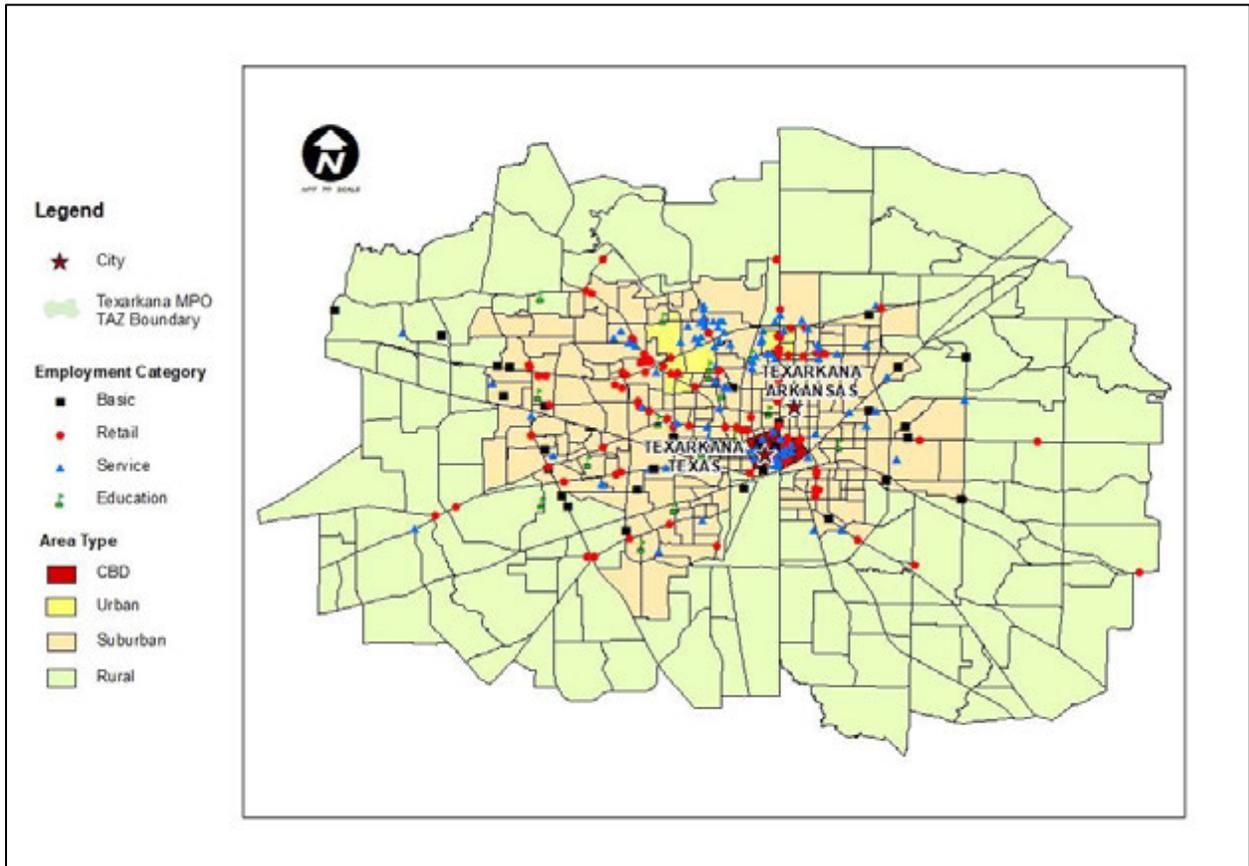


Figure 2. Texarkana Work Place Survey Locations.

Table 4. Texarkana Work Place Full Survey Data Summary.

Area Type	Item	Basic	Retail	Service	Education	Total
CBD	Number of sites	1	6	11	-	18
	Employee surveys	2	35	62	-	99
	Visitor surveys	1	51	235	-	287
	Person count	40	818	2,248	-	3,106
	Non-CV count	-	-	235	-	235
	CV count	-	-	4	-	4
	Total employment	12	83	209	-	304
	Employees at work	12	76	191	-	279
Urban	Number of sites	-	10	4	1	15
	Employee surveys	-	54	9	15	78
	Visitor surveys	-	284	10	16	310
	Person count	-	672	180	-	852
	Non-CV count	-	3,029	34	186	3,249
	CV count	-	34	-	6	40
	Total employment	-	87	21	24	132
	Employees at work	-	60	20	24	104
Suburban	Number of sites	11	32	30	10	83
	Employee surveys	50	125	208	259	642
	Visitor surveys	42	1,086	208	67	1,403
	Person count	112	6,101	1,170	-	7,383
	Non-CV count	477	9,710	1,917	5,882	17,986
	CV count	14	122	110	68	314
	Total employment	77	337	444	419	1,277
	Employees at work	71	242	377	403	1,093
Rural	Number of sites	3	8	3	3	17
	Employee surveys	15	33	10	76	134
	Visitor surveys	2	189	6	2	199
	Person count	-	168	234	-	402
	Non-CV count	208	3,014	4	1,462	4,688
	CV count	52	234	2	32	320
	Total employment	62	88	28	84	262
	Employees at work	45	84	12	84	225
Total	Number of sites	15	56	48	14	133
	Employee surveys	67	247	289	350	953
	Visitor surveys	45	1,610	459	85	2,199
	Person count	152	7,759	3,832	-	11,743
	Non-CV count	685	15,753	2,190	7,530	26,158
	CV count	66	390	116	106	678
	Total employment	151	595	702	527	1,975
	Employees at work	128	462	600	511	1,701

Table 5. Texarkana Work Place Partial Survey Data Summary.

Area Type	Item	Basic	Retail	Service	Education	Total
CBD	Number of sites	1	3	5	-	9
	Person count	-	813	1,548	-	2,361
	Non-CV count	1,096	1,208	76	-	2,380
	CV count	6	-	22	-	28
	Total employment	35	44	80	-	159
	Employees at work	35	31	78	-	144
Urban	Number of sites	-	5	4	-	9
	Person count	-	15,678	220	-	15,898
	Non-CV count	-	1,598	834	-	2,432
	CV count	-	14	40	-	54
	Total employment	-	541	132	-	673
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	Person count	760	12,226	3,007	-	15,993
	Non-CV count	1,216	16,255	5,942	-	23,413
	CV count	168	292	236	26	722
	Total employment	136	589	705	167	1,597
	Employees at work	125	400	516	167	1,208
Rural	Number of sites	4	5	3	-	12
	Person count	184	-	204	-	388
	Non-CV count	497	2,323	56	3,316	6,192
	CV count	88	12	2	-	102
	Total employment	42	36	24	-	102
	Employees at work	29	23	22	-	74
Total	Number of sites	15	51	48	3	117
	Person count	944	28,717	4,979	-	34,640
	Non-CV count	2,809	21,384	6,908	3,316	34,417
	CV count	262	318	300	26	906
	Total employment	213	1,210	941	167	2,531
	Employees at work	189	602	706	167	1,664

Trip Characteristics

This section presents the trip characteristics of persons entering or exiting the surveyed work places. Information on residency, trip purpose, mode of travel and occupancy, trip origins, and trip destinations were analyzed to measure the amount of trip attractions to the sites.

Residence

A total of 3,152 respondents (953 employees and 2,199 visitors) were surveyed at the establishments. Approximately 92 percent of the surveyed respondents were residents of the study area, of which 83 percent were from Texarkana.

Trip Purpose

Table summarizes the trip purposes of surveyed resident and non-residents at the establishments.

Table 6. Survey Trip Purposes.

Trip Purpose	Resident		Non-Resident		Total		Grand Total
	Employee	Visitor	Employee	Visitor	Employee	Visitor	
Return Home	53	100	1	0	54	100	154
Work Related	834	136	47	23	881	159	1,040
School Related	4	48	0	2	4	50	54
Social/Recreational/Visit	1	66	0	9	1	75	76
Shop	0	923	0	59	0	982	982
Eat Out	0	313	0	53	0	366	366
Personal Business	5	344	0	55	5	399	404
Pick-Up/Drop-Off Passenger	7	35	0	4	7	39	46
Change Travel Mode	0	1	0	3	0	4	4
Delivery – Pick-Up/Drop-Off	0	9	0	1	0	10	10
Other	1	14	0	1	1	15	16
Total	905	1,989	48	210	953	2199	3,152

In the analysis, the surveyed trip purposes were classified according to the following trip categories and were distinguished between those made by residents and non-residents of the Texarkana study area.

- 1) Home-based work (HBW) – when the purpose was work-related, the origin or destination was the home, and the origin or destination was located within the study area.
- 2) Home-based non-work (HBNW) – when the purpose was not work-related, the origin or destination was the home, and the origin or destination was located within the study area.
- 3) Non home-based destination (NHB-D) – when the origin was not the home, the destination was the establishment being surveyed, and the origin was located within the study area.
- 4) Non home-based origin (NHB-O) – when the reported destination when leaving the establishment being surveyed was not the home, and the destination was located within the study area.
- 5) External trip origin (EXT-O) – when the origin was outside the study area.
- 6) External trip destination (EXT-D) – when the destination was outside the study area when leaving the establishment.
- 7) Non-resident (NON-RES) – when the person making the trip to and from the establishment lived outside the study area and the origin or destination of the trip was inside the study area.

In the same manner as the resident trips, non-resident trips were also classified based on the previously mentioned trip purpose categories (1 through 6). Table 7 shows the breakdown of these trips. However, in the analysis and expansion of survey non-resident trip data, such trips are presented as one trip purpose category (NON-RES). In addition, 60 trips which were reported as “not the first store visited” at non-free standing establishments were not counted as trip attractions.

Table 7. Survey Resident and Non-Resident Trips by Purpose.

Trip Purpose	Resident			Non-Resident			All Trips		
	Employee	Visitor	Total	Employee	Visitor	Total	Employee	Visitor	Total
HBW	1,193	153	1,346	0	0	0	1,193	153	1346
HBNW	113	2,399	2,512	0	0	0	113	2,399	2512
NHB-D	82	347	429	3	13	16	85	360	445
NHB -O	142	441	583	9	60	69	151	501	652
EXT-O	151	338	489	44	191	235	195	529	724
EXT-D	131	252	383	38	144	182	169	396	565
Total	1,812	3,930	5,742	94	408	502	1,906	4,338	6,244

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Table 8. Survey Trips by Purpose, Area Type and Employment Type.

Area Type	Employment Type	Trip Purpose					Total
		HBW	HBNW	NHB	EXT	NON-RES	
CBD	Basic	1	2	1	2	0	6
	Retail	68	43	33	8	12	164
	Service	96	249	117	54	78	594
	Education	0	0	0	0	0	0
Urban	Basic	0	0	0	0	0	0
	Retail	69	330	112	77	82	670
	Service	11	6	11	6	4	38
	Education	17	21	9	15	0	62
Suburban	Basic	69	30	25	28	32	184
	Retail	204	1256	437	349	136	2382
	Service	280	232	117	127	70	826
	Education	344	120	77	93	18	652
Rural	Basic	24	0	0	8	2	34
	Retail	60	215	41	78	50	444
	Service	15	6	1	0	10	32
	Education	88	2	31	27	8	156
All Area Types	Basic	94	32	26	38	34	224
	Retail	401	1,844	623	512	280	3,660
	Service	402	493	246	187	162	1,490
	Education	449	143	117	135	26	870
Total		1,346	2,512	1,012	872	502	6,244

Mode of Travel and Vehicle Occupancy

Table shows the mode of travel used by the survey participants to the work place. Approximately 89 percent of the trips to the work places were made by drivers of cars, trucks, or vans, and 7.5 percent were passengers of a vehicle. The average occupancy was estimated at 1.41 persons per vehicle.

Table 9. Survey Modes of Travel to the Work Place.

Mode	Resident		Non-Resident		All Surveys	
	Employee	Visitor	Employee	Visitor	Total	Percent of Total
Driver (car/truck/van)	838	1,758	45	174	2,815	89.31
Passenger (car/truck/van)	44	159	2	31	236	7.49
Walk	14	34	0	1	49	1.55
Bicycle	1	1	1	1	4	0.13
Transit Bus	0	6	0	0	6	0.19
School Bus	1	0	0	0	1	0.03
Taxi/Limo	0	1	0	1	2	0.06
Commercial Cargo Transport Vehicle	0	3	0	1	4	0.13
Commercial Service Vehicle	0	3	0	1	4	0.13
Motorcycle	7	15	0	0	22	0.70
Other	0	9	0	0	9	0.29
Total	905	1,989	48	210	3,152	100.00

Trip Length

Each trip in the survey, based on its reported origin location and destination location, was geocoded either to a TAZ system for the study area, or to the statewide TAZ system when the location was outside the study area (but within the state of Texas).

The TAZ structure for the Texarkana study area is in the process of being updated from the existing 2010 version. Given the lack of certainty when the update will be completed, all trips were geocoded using the 2010 TAZ geography.

After the trips were geocoded, the travel distance and travel time for each trip to the surveyed work place were estimated using the transportation network available for the Texarkana study area that provides the zone-to-zone trip lengths and travel times based on network speeds. The Texarkana network matrix only provides distances and travel time between zones (inter-zonal) and not within zones (intra-zonal).

The analyses of trip length and travel time to and from the surveyed work place pertain only to inter-zonal trips by person and auto-driver mode of travel. Person trips included all travel modes, including walking and bicycle trips. Auto-driver trips pertain to trips made by drivers of cars, trucks, and or vans, including commercial cargo and service vehicles.

Table 3 and Table 4 show the survey inter-zonal trip lengths and travel times to and from the work place within the Texarkana study area by trip purpose, respectively.

Table 3. Survey Inter-Zonal Trip Lengths to and from the Work Place.

Trip Purpose	Total Person Trips	Total Person Miles	Average Person Miles	Total Auto-Driver Trips	Total Auto-Driver Miles	Average Auto-Driver Miles
HBW	1,772	7,794	4.40	1,271	5,842	4.60
HBNW	3,742	13,989	3.74	2,101	8,150	3.88
NHB	753	2,422	3.22	439	1,496	3.41
NON-RES	496	639	1.29	88	274	3.11
Total	6,763	24,844	3.67	3,872	15,668	4.05

Table 4. Survey Inter-Zonal Trip Travel Times to and from the Work Place.

Trip Purpose	Total Person Trips	Total Person Minutes	Average Person Minutes	Total Auto-Driver Trips	Total Auto-Driver Minutes	Average Auto-Driver Minutes
HBW	1,772	12,901	7.28	1,271	9,625	7.57
HBNW	3,742	22,138	6.18	2,101	13,408	6.38
NHB	753	4,142	5.50	439	2,554	5.82
NON-RES	496	1,069	2.15	88	466	5.29
Total	6,763	41,250	6.10	3,899	26,052	6.68

COMMERCIAL VEHICLE COUNTS

The CV counts involved counting the number of cargo and service vehicles that entered and exited the surveyed establishments during the work place travel survey day. The counts were conducted using ACRs, video cameras, or manual counts. The counts were conducted at least one hour prior to, during, and no later than one hour after the location's normal operating hours. If the establishment's operating hours was 24 hours, the counts were conducted for the 24 hour period beginning at 6:00 a.m. and ending at 6:00 a.m. on the following day of the survey. A total of 1,584 CVs were counted at the surveyed establishments. Based on the total CV counts, approximately 21 percent were at basic, 45 percent were at retail, 26 percent at service, and 8 percent were at education establishments.

Error! Reference source not found. shows the distribution of CV counts by employment type, while **Figure 3. Commercial Vehicle Counts by Employment Type.**

Table 5 shows the distribution by area type and employment type for the Texarkana study area.

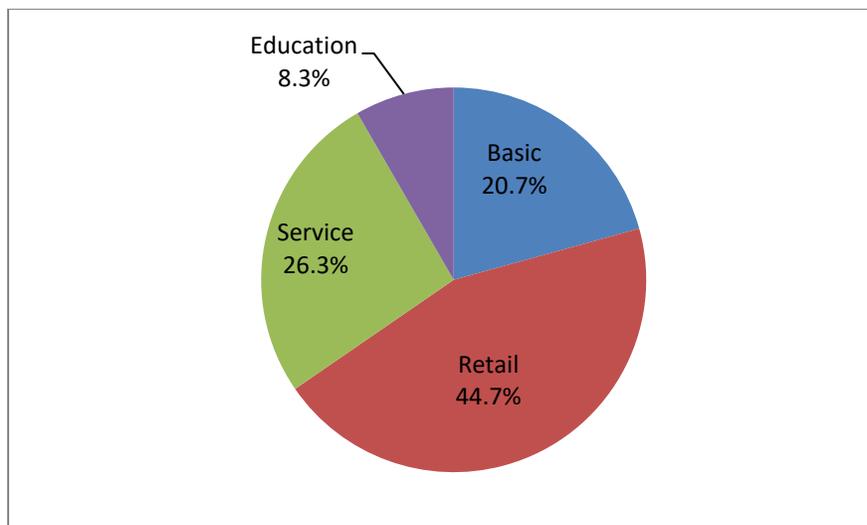


Figure 3. Commercial Vehicle Counts by Employment Type.

Table 5. Commercial Vehicle Counts by Area Type and Employment Type.

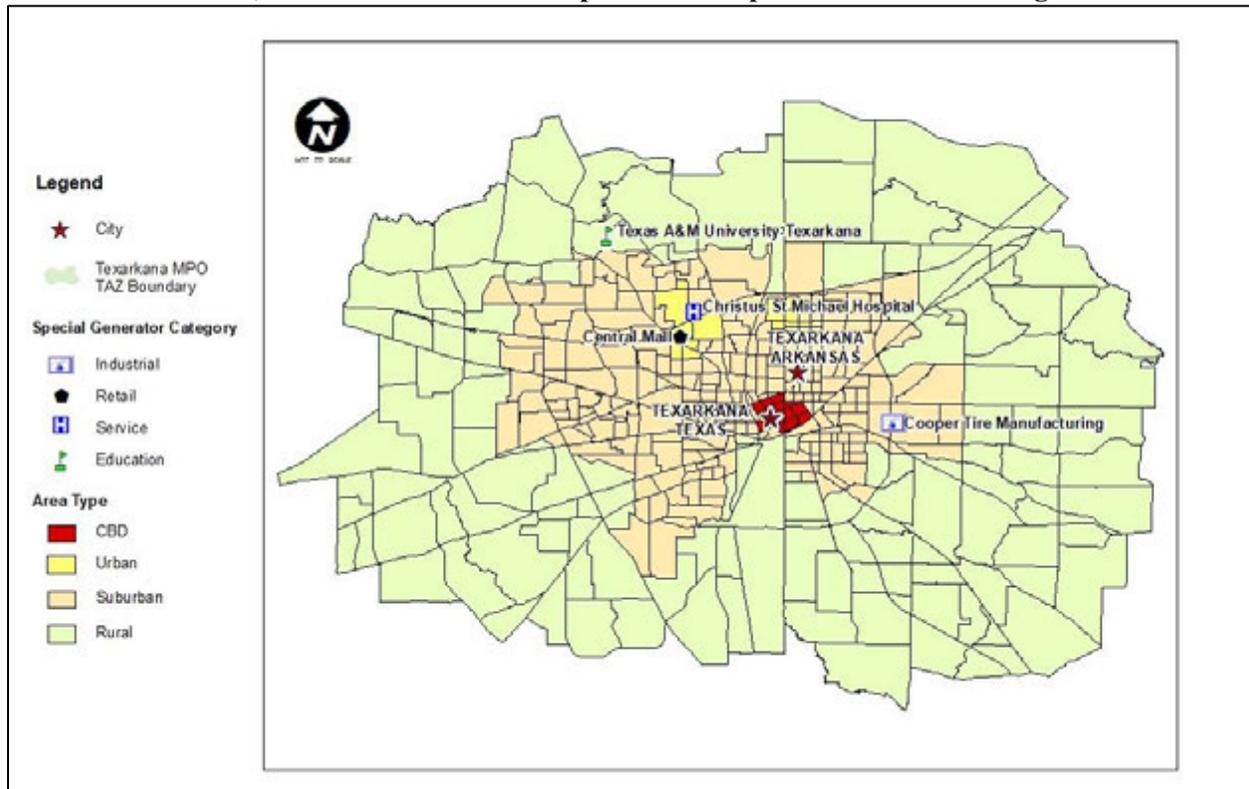
Area Type \ Employment Type	Basic	Retail	Service	Education	Total
CBD	6	-	26	-	32
Urban	-	48	40	6	94
Suburban	182	414	346	94	1,036
Rural	140	246	4	32	422

Total	328	708	416	132	1,584
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SPECIAL GENERATOR SURVEYS

Special generators are those establishments that are considered unique trip attractors. These may include major shopping centers, hospitals, colleges/universities, recreational facilities, military bases, airports, and other land use developments that have unique trip generation characteristics and therefore require modeling outside the typical travel demand modeling framework.

Four special generators were surveyed in the Texarkana study area — Texas A&M University, Central Mall, Christus St. Michael Hospital and Cooper Tire Manufacturing.



shows their locations and corresponding area types.

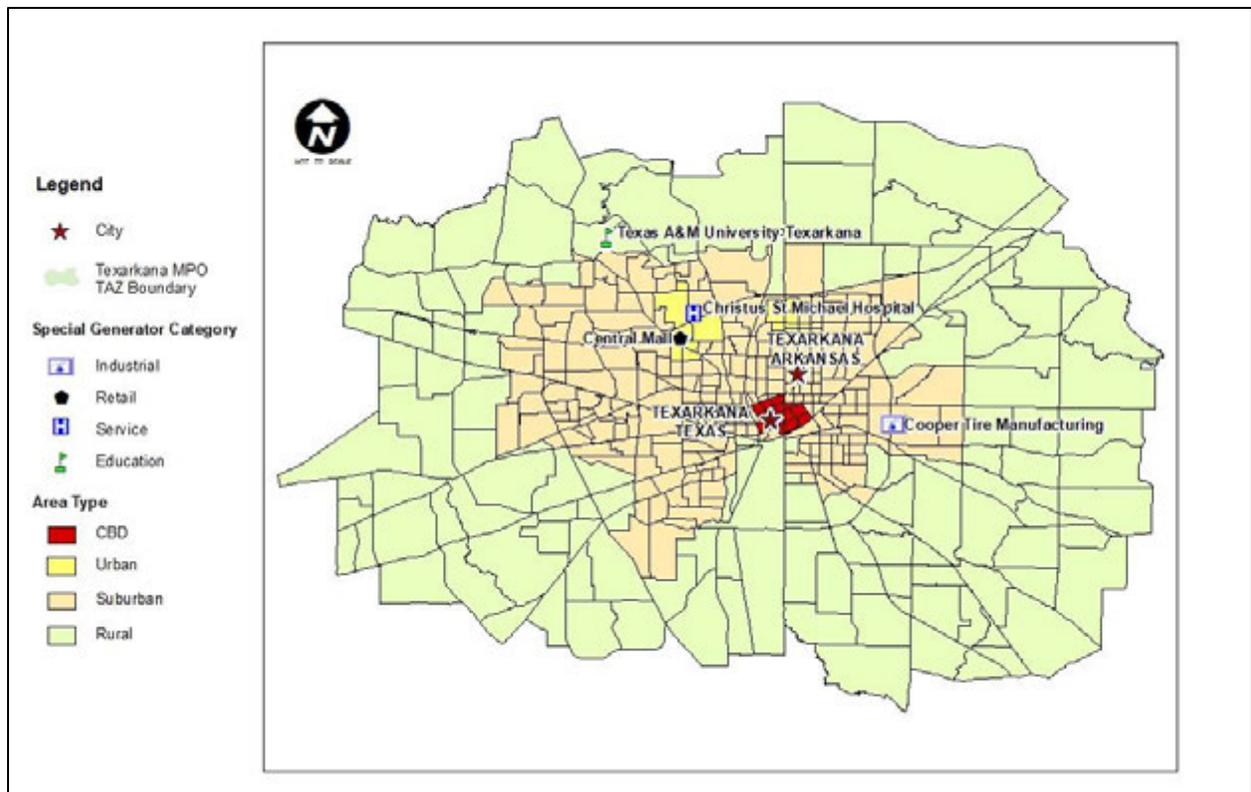


Figure 4. Texarkana Special Generators.

The methodology used to survey special generators was the same as that used for full work place surveys (see page 2 of this report). It included a general survey, an intercept survey, non-CV counts and/or person counts, and CV counts. Table 6 provides a summary of the general data collected from the special generator surveys.

Table 6. Texarkana Special Generators Data Summary.

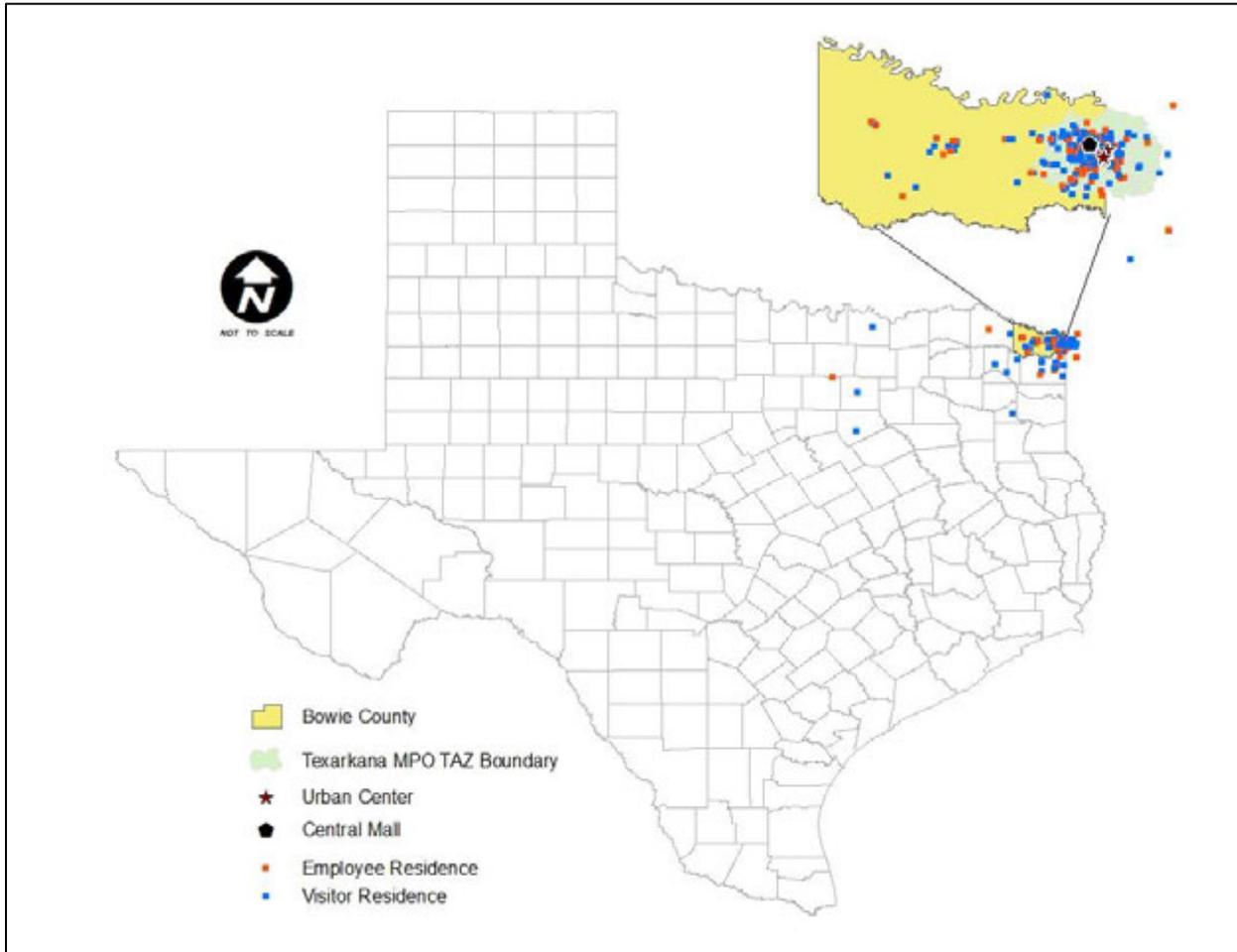
Data Elements	Texas A& M University - Texarkana	Central Mall	Christus St. Michael Hospital	Cooper Tire Manufacturing
Total Employment	200	806	1,524	1,780
Employees at Work	175	300	1100	1006
CV Counts	34	-	268	312
Non-CV Counts	2,746	-	8,182	2,784
Person Counts ¹	-	11,368	-	-
Employee Surveys	69	229	332	206
Visitor Surveys	23	350	134	7
Student Surveys	297	-	-	-
CV Surveys	-	12	5	2

The trip characteristics observed from each special generator are described by mode of travel, trip purpose, and trip length. The analyses of trip length and travel time to and from the surveyed special generator pertain only to inter-zonal trips by person and auto-driver mode of travel. Person trips included all travel modes, including walking and bicycle trips. Auto-driver trips pertain to trips made by drivers of cars, trucks, and or vans, including commercial cargo transport and service vehicles.

The results presented throughout this section were based on unexpanded survey trip data. These results significantly change after weighting is applied to the trip data during the survey expansion process.

Texas A&M University (TAMU) – Texarkana

This special generator was surveyed on November 4, 2013 and November 7, 2013. TAMU Texarkana had a reported total employment of 1,400. The total number of employees at work was estimated to be 200. A total of 297 students, 69 employees, 23 visitors participated in the survey. Vehicle counts were conducted from 7:00 a.m. to 11:00 p.m. (16 hours), with a total count of 2,746 non-CVs and 34 CVs.



shows the residence locations of the TAMU survey participants. The majority (84 percent) were residents of Texarkana.

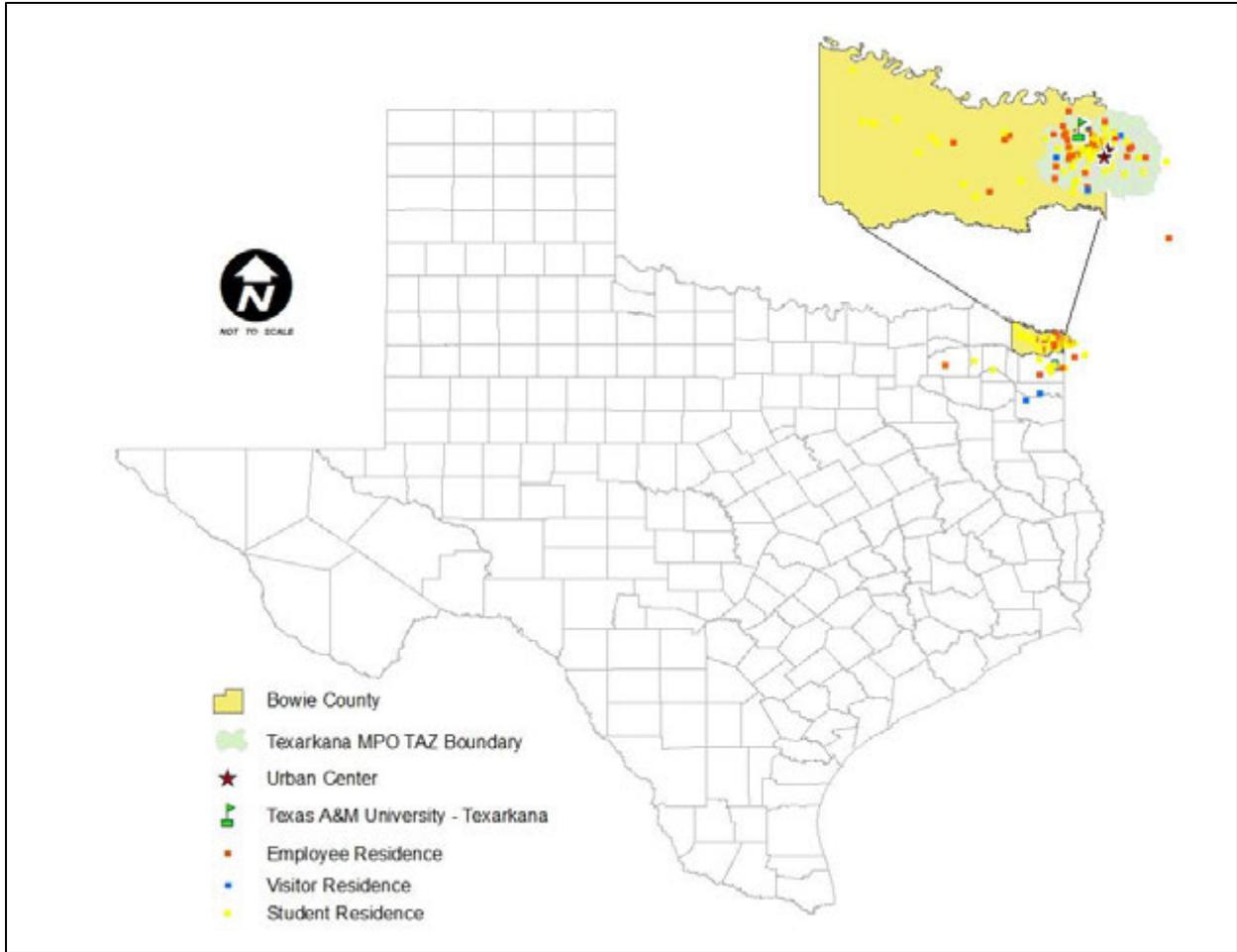


Figure 5. Residence Locations of Survey Participants at TAMU Texarkana.

Table shows the mode of travel used by survey participants traveling to and from TAMU Texarkana. Approximately 81 percent were drivers of cars, trucks, or vans, close to 5 percent were passengers, and 14 percent walked to the university. The average vehicle occupancy was 1.10 persons per vehicle.

Table 14. Survey Modes of Travel to and from TAMU Texarkana.

Mode	To TAMU	From TAMU	Total Trips	Percent of Total
Driver (car/truck/van)	311	317	628	80.72
Passenger (car/truck/van)	18	19	37	4.76
Walk	54	52	106	13.62
Refused	6	1	7	0.90
Total	389	389	778	100.00

Table shows the number and percentage of surveyed trips to and from TAMU by purpose.

Table 15. Survey Trips by Purpose to and from TAMU Texarkana.

Trip Purpose	To TAMU	From TAMU	Total Trips	Percent of Total
HBW	54	58	112	14.40
HBNW	239	192	431	55.40
NHB-D	21	0	21	2.70
NHB-O	0	65	65	8.35
EXT-O	3	0	3	0.38
EXT -D	0	2	2	0.26
NON RES	72	72	144	18.51
Total	389	389	778	100.00

Error! Reference source not found. and **Error! Reference source not found.** show the inter-zonal trip lengths and travel times by trip purpose for person and vehicle trips, respectively. The estimates for NHB trips reflected the average of NHB-D and NHB-O trips. The average trip length was 6 miles per trip. The average travel time was 10 minutes per trip.

Table 16. Survey Inter-Zonal Trip Lengths to and from TAMU by Trip Purpose.

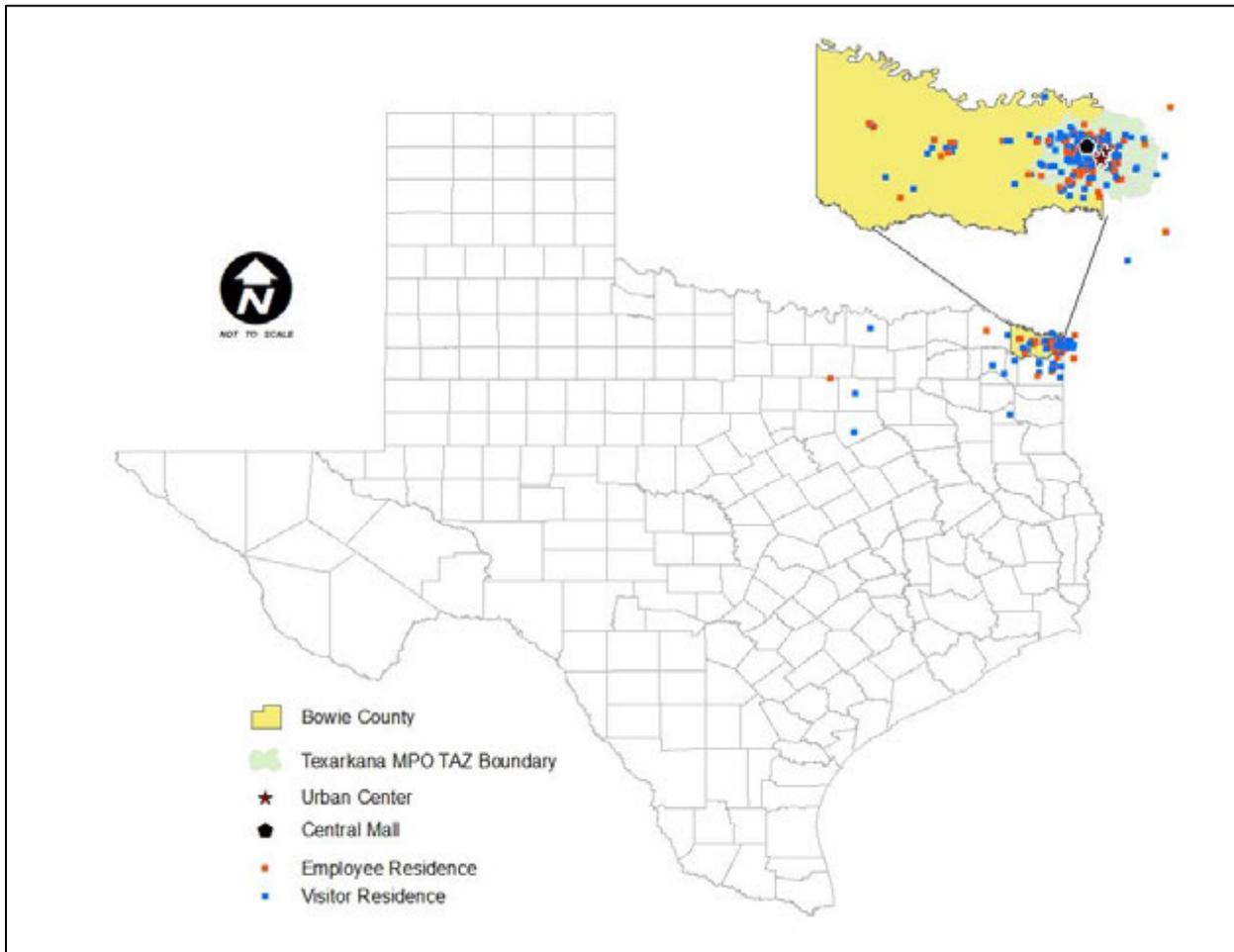
Trip Purpose	Total Person Trips	Total Person Miles	Average Person Miles	Total Auto-Driver Trips	Total Auto-Driver Miles	Average Auto-Driver Miles
HBW	115	752	6.54	111	740	6.66
HBNW	243	1,558	6.41	221	1,428	6.46
NHB	57	251	4.40	37	174	4.70
NON-RES	5	25	4.92	5	25	4.92
Total	420	2,586	6.16	374	2,366	6.33

Table 17. Survey Inter-Zonal Travel Times to and from TAMU by Trip Purpose.

Trip Purpose	Total Person Trips	Total Person Minutes	Average Person Minutes	Total Auto-Driver Trips	Total Auto-Driver Minutes	Average Auto-Driver Minutes
HBW	115	1,228	10.68	111	1,204	10.85
HBNW	243	2,565	10.56	221	2,350	10.63
NHB	57	444	7.8	37	306	8.27
NON-RES	5	43	8.7	5	43	8.7
Total	420	4,282	10.19	374	3,904	10.44

Central Mall

Central Mall had a reported total employment of 806 and 300 of its employees were estimated to be at work during the travel survey day (November 13, 2013). A total of 229 employees and 350 non-employees participated in the survey. Person counts were conducted from 8:30 a.m. to 10:30 p.m.(14 hours), with a total count of 11,368 persons.



shows the residence locations of Central Mall survey participants. Approximately 83 percent were residents of Texarkana.

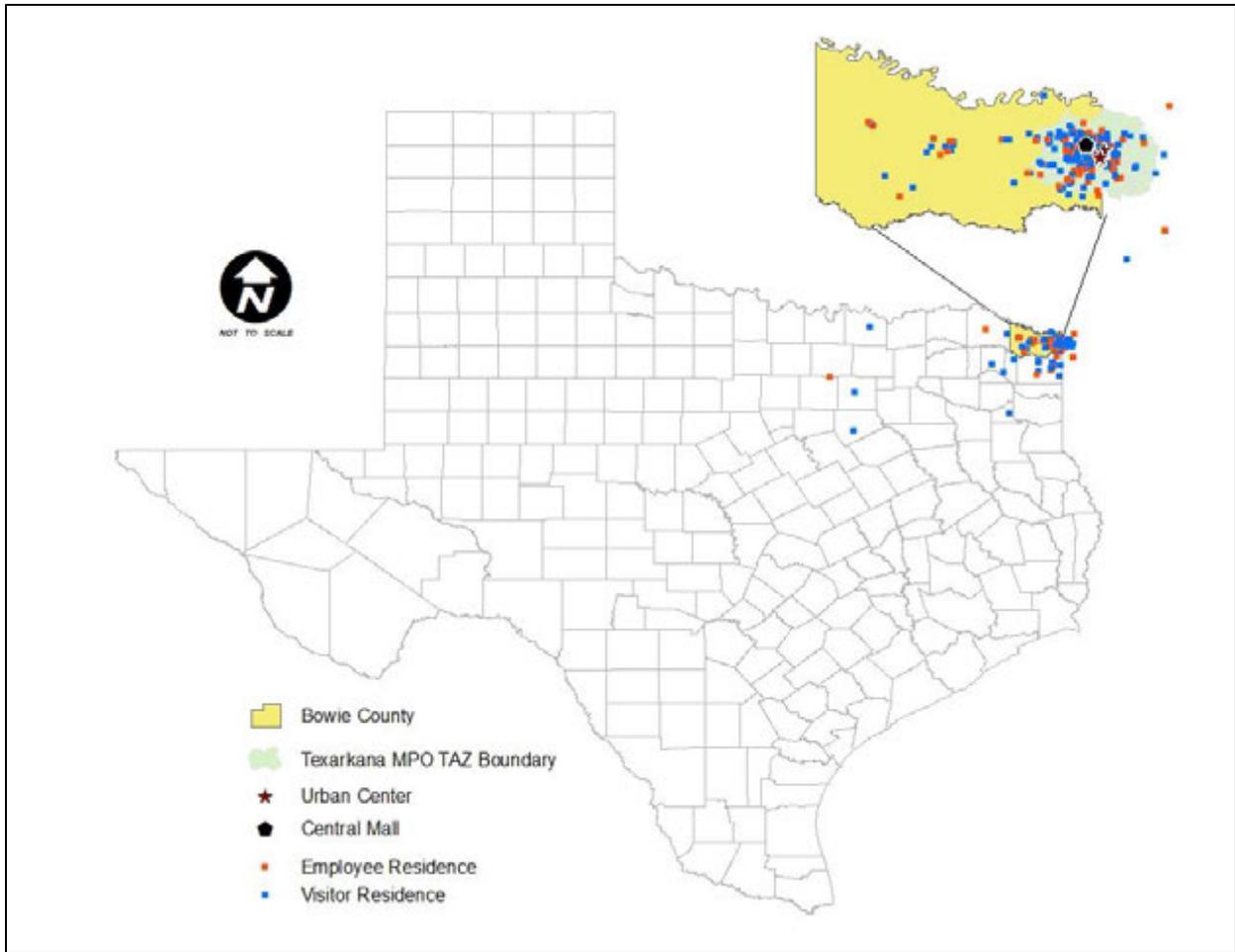


Figure 6. Residence Locations of Survey Participants at Central Mall.

Table shows the mode of travel used by the survey participants traveling to Central Mall. It was assumed that the same mode was used for departure. Approximately 89 percent were drivers of cars, trucks, or vans and 10 percent were passengers. The average vehicle occupancy was 1.40 persons per vehicle.

Table 18. Survey Modes of Travel to and from Central Mall.

Mode	To Work Place	From Work Place	Total Trips	Percent of Total
Driver (car/truck/van)	513	513	1,026	88.60
Passenger (car/truck/van)	57	57	114	9.84
Walk	4	4	8	0.69
Bicycle	2	2	4	0.35
Transit Bus	1	1	2	0.17
Commercial Service Vehicle	1	1	2	0.17
Motorcycle	1	1	2	0.17
Total	579	579	1,158	100.00

Table shows the number and percentage of surveyed trips to and from Central Mall by purpose.

Table 19. Survey Trips by Purpose to and from Central Mall.

Trip Purpose	To Work Place	From Work Place	Total Trips	Percent of Total
HBW	158	161	319	27.55
HBNW	268	251	519	44.82
NHB-D	38	0	38	3.28
NHB-O	0	53	53	4.58
EXT-O	2	0	2	0.17
EXT -D	0	1	1	0.09
NON RES	113	113	226	19.52
Total	579	579	1,158	100.00

Error! Reference source not found. and **Error! Reference source not found.** show the inter-zonal trip lengths and travel times by trip purpose for person and vehicle trips, respectively. The estimates for NHB trips reflected the average of NHB-D and NHB-O trips. The average trip length was close to 4 miles per trip. The average travel time was more than 6 minutes per trip.

Table 20. Survey Inter-Zonal Trip Lengths to and from Central Mall by Trip Purpose.

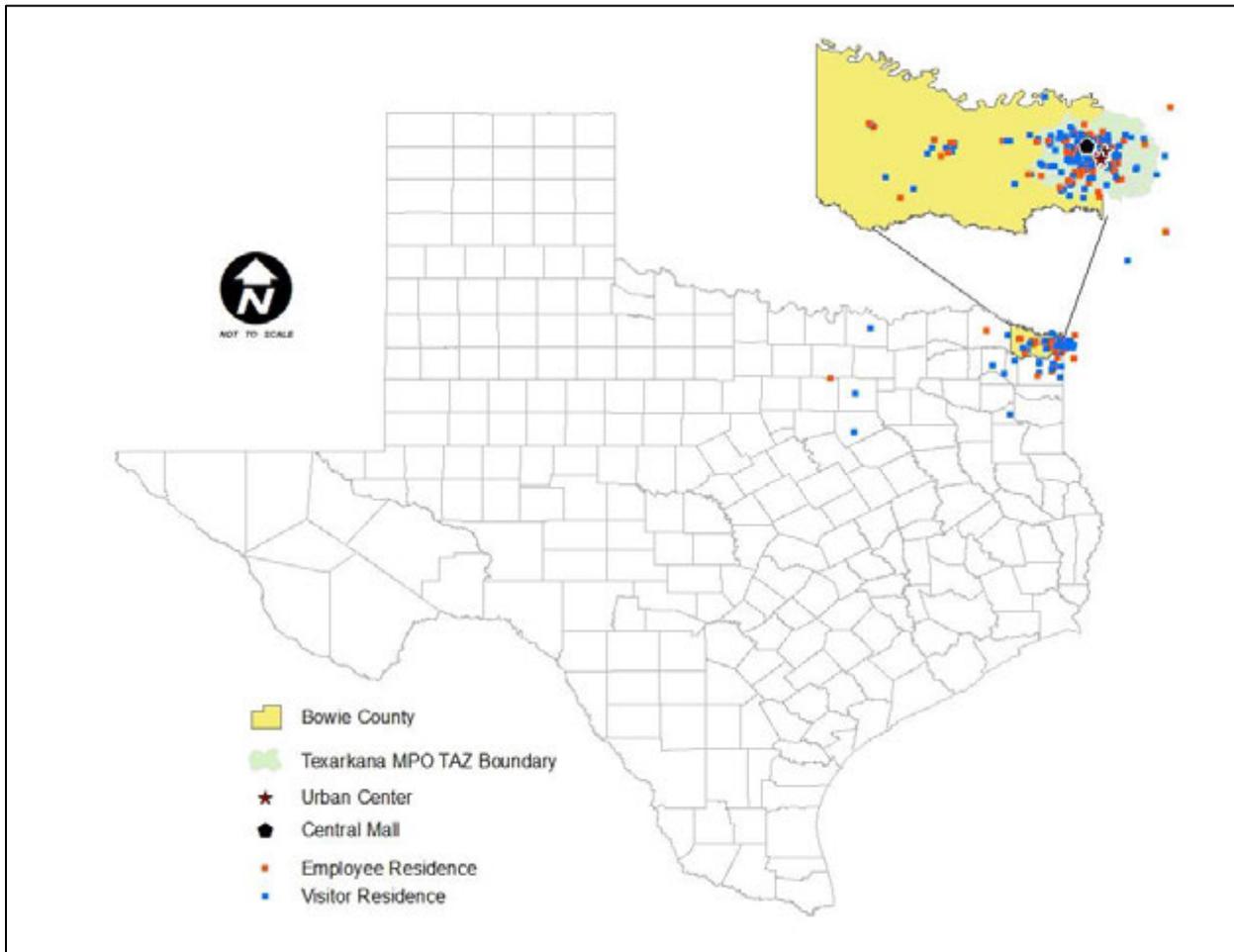
Trip Purpose	Total Person Trips	Total Person Miles	Average Person Miles	Total Auto-Driver Trips	Total Auto-Driver Miles	Average Auto-Driver Miles
HBW	375	1,485	3.96	295	1,152	3.90
HBNW	884	3,520	3.98	444	1,758	3.96
NHB	60	132	2.2	40	94	2.35
NON-RES	32	97	3.03	15	43	2.86
Total	1,351	5,234	3.87	794	3,046	3.84

Table 21. Survey Inter-Zonal Travel Times to and from Central Mall by Trip Purpose.

Trip Purpose	Total Person Trips	Total Person Minutes	Average Person Minutes	Total Auto-Driver Trips	Total Auto-Driver Minutes	Average Auto-Driver Minutes
HBW	375	2,488	6.63	295	1,947	6.60
HBNW	884	5,950	6.73	444	2,961	6.67
NHB	60	249	4.16	40	174	4.35
NON-RES	32	175	5.46	15	78	5.19
Total	1,351	8,862	6.56	794	5,161	6.50

Christus St. Michael Hospital

Christus St. Michael Hospital had a reported total employment of 1,524 and 1,000 of its employees were estimated to be at work during the travel survey day (November 4, 2013). A total of 332 employees and 134 non-employees participated in the survey. Vehicle counts were conducted from 9:00 a.m. to 10:00 p.m. (13 hours), with a total count of 8,182 non-CVs and 268 CVs.



shows the residence locations of Christus St. Michael Hospital survey participants. Approximately 84 percent were residents of Texarkana.

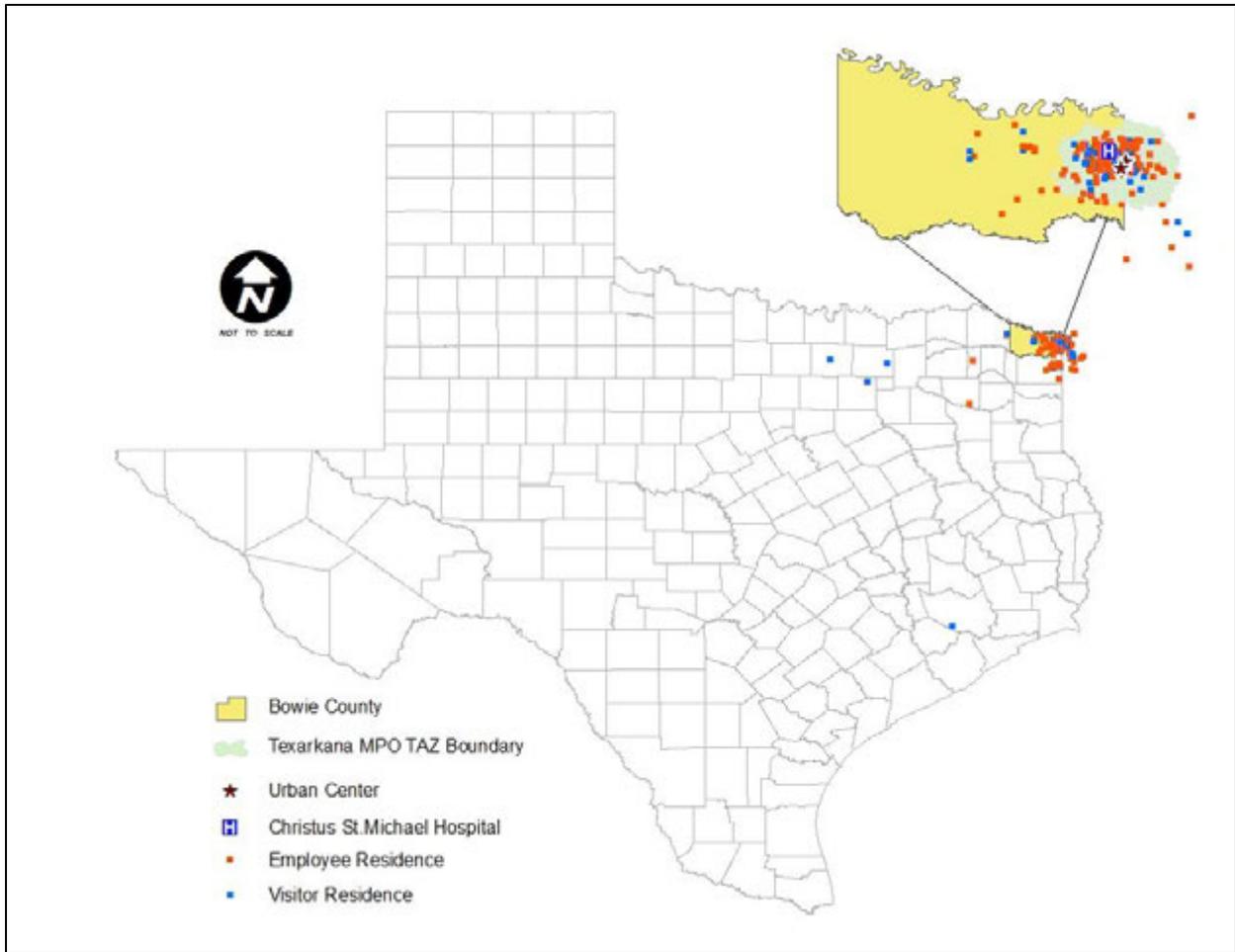


Figure 7. Residence Locations of Survey Participants at Christus St. Michael Hospital.

Table shows the mode of travel used by the survey participants to the Hospital. It was assumed that the same mode of travel was used for departure. The majority (94 percent) were drivers of cars, trucks, or vans, with an average occupancy of 1.38 persons per vehicle.

Table 22. Survey Modes of Travel to Christus St. Michael Hospital.

Mode	To Hospital	From Hospital	Total Trips	Percent of Total
Driver (car/truck/van)	439	439	878	94.21
Passenger (car/truck/van)	25	25	50	5.36
Transit Bus	2	2	4	0.43
Total	466	466	932	100.00

Table shows the number and percentage of surveyed trips to and from Christus St. Michael Hospital by purpose.

Table 23. Survey Trips by Purpose to and from Christus St. Michael Hospital.

Trip Purpose	To Hospital	From Hospital	Total Trips	Percent of Total
HBW	244	228	472	50.64
HBNW	102	105	207	22.21
NHB-D	27	0	27	2.90
NHB-O	0	36	36	3.86
EXT-O	4	0	4	0.43
EXT -D	0	8	8	0.86
NON RES	89	89	178	19.10
Total	466	466	932	100.00

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Table 24. Survey Inter-Zonal Trip Lengths to and from the Hospital by Trip Purpose.

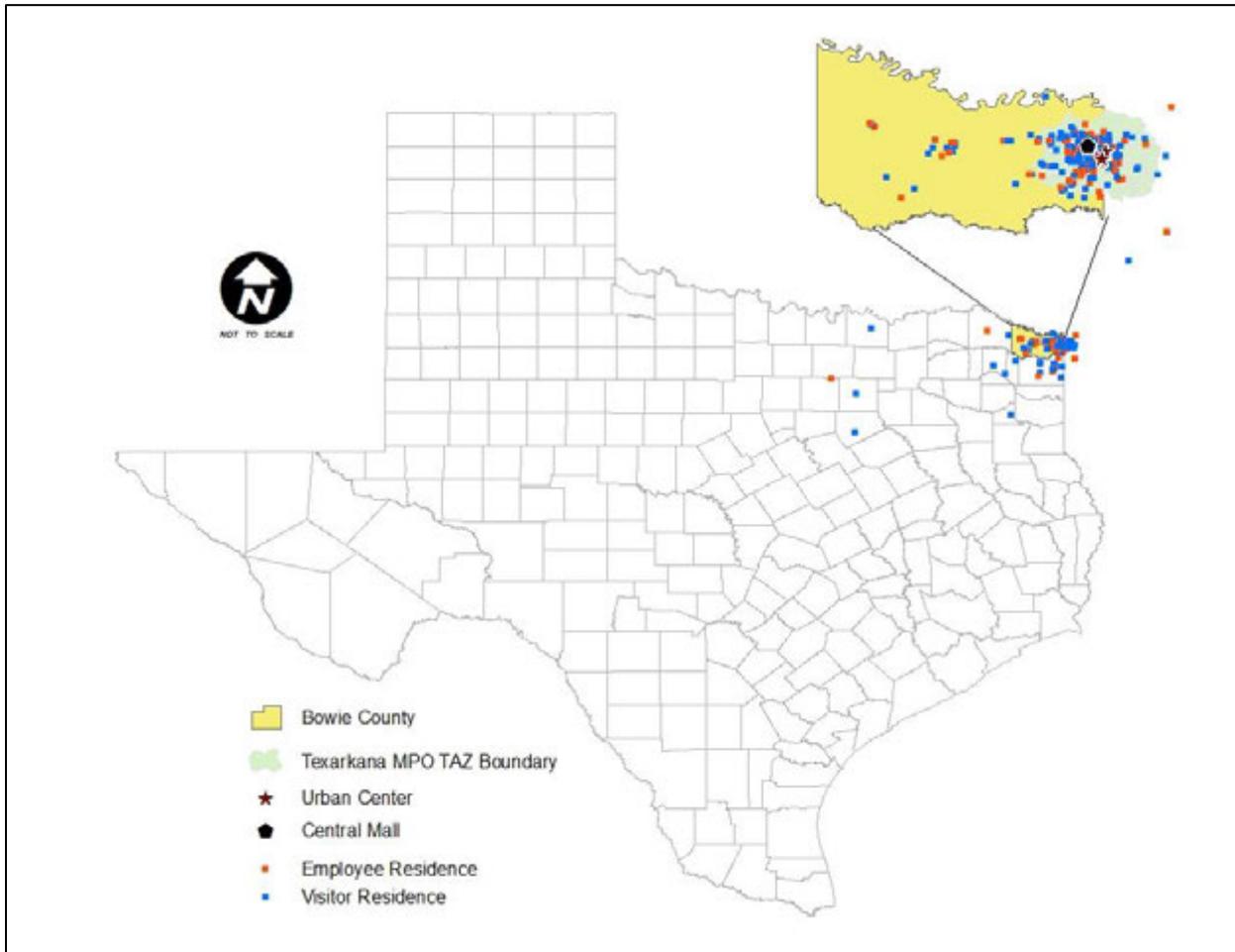
Trip Purpose	Total Person Trips	Total Person Miles	Average Person Miles	Total Auto-Driver Trips	Total Auto-Driver Miles	Average Auto-Driver Miles
HBW	540	2,533	4.69	443	2,124	4.8
HBNW	384	1,982	5.16	171	756	4.42
NHB	42	164	3.9	28	103	3.67
NON-RES	42	156	3.7	27	92	3.42
Total	1,008	4,834	4.8	669	3,076	4.60

Table 25. Survey Inter-Zonal Travel Times to and from the Hospital by Trip Purpose.

Trip Purpose	Total Person Trips	Total Person Minutes	Average Person Minutes	Total Auto-Driver Trips	Total Auto-Driver Minutes	Average Auto-Driver Minutes
HBW	540	4,048	7.5	443	3,386	7.64
HBNW	384	3,070	7.99	171	1,217	7.11
NHB	42	271	6.45	28	170	6.07
NON-RES	42	258	6.14	27	156	5.76
Total	1,008	7,647	7.59	669	4,928	7.37

Cooper Tire Manufacturing

Cooper Tire Manufacturing had a reported total employment of 1,780 and 1,006 of its employees were estimated to be at work during the travel survey day (November 13, 2013). A total of 206 employees and 7 non-employees participated in the survey. Vehicle counts were conducted from 12:00 a.m. to 12:00 p.m. the following day (24 hours). The total non-CV count amounted to of 2,784 vehicles. The total CV count was 312.



shows the residence locations of Cooper Tire Manufacturing survey participants. Approximately 76 percent were residents of Texarkana.

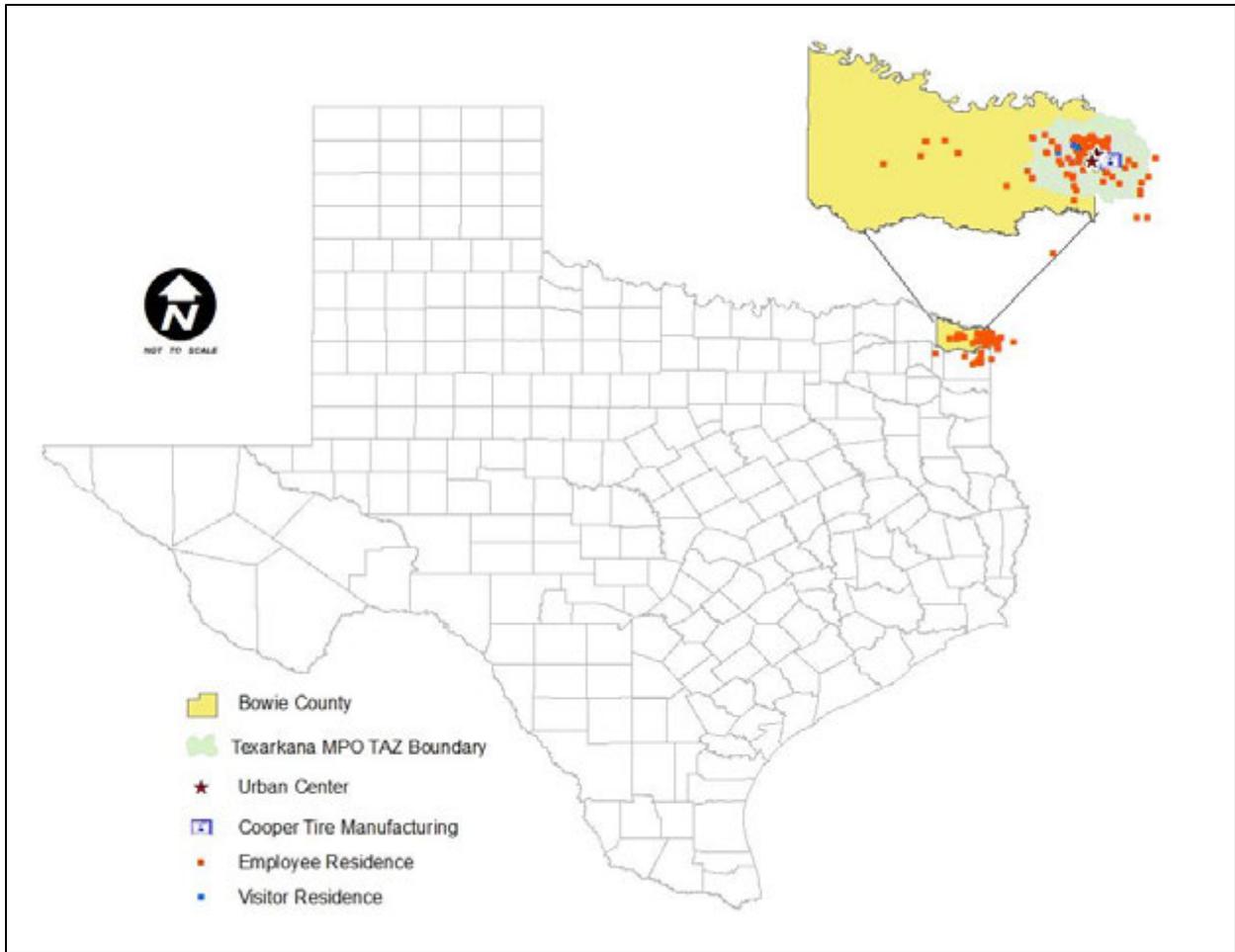


Figure 8. Residence Locations of Survey Participants at Cooper Tire Manufacturing.

Table shows the mode of travel used by the survey participants traveling to Cooper Tire Manufacturing. It was assumed that the same mode of travel was used for departure. The majority (95 percent) were drivers of cars, trucks, or vans, with an average occupancy of 1.14 persons per vehicle.

Table 26. Survey Modes of Travel to and from Cooper Tire Manufacturing.

Mode	To Work Place	From Work Place	Total Trips	Percent of Total
Driver (car/truck/van)	202	202	404	94.84
Passenger (car/truck/van)	11	11	22	5.16
Total	213	213	426	100.0

Table shows the number and percentage of surveyed trips to and from Cooper Tire Manufacturing by purpose.

Table 27. Survey Trips by Purposes to and from Cooper Tire Manufacturing.

Trip Purpose	To Work Place	From Work Place	Total Trips	Percent of Total
HBW	137	134	271	63.6
HBNW	4	4	8	1.9
NHB-D	2	0	2	0.5
NHB-O	0	5	5	1.2
EXT-O	1	0	1	0.2
EXT -D	0	1	1	0.2
NON RES	69	69	138	32.4
Total	213	213	426	100.0

Error! Reference source not found. and **Error! Reference source not found.** show the inter-zonal trip lengths and travel times by trip purpose for person and vehicle trips, respectively. The estimates for NHB trips reflect the average of NHB-D and NHB-O trips. The average trip length was around 6 miles per trip. The average travel time was more than 10 minutes per trip.

Table 28. Survey Inter-Zonal Trip Lengths to and from Cooper Tire Manufacturing by Trip Purpose.

Trip Purpose	Total Person Trips	Total Person Miles	Average Person Miles	Total Auto-Driver Trips	Total Auto-Driver Miles	Average Auto-Driver Miles
HBW	285	1,737	6.09	259	1,623	6.27
HBNW	12	60	5.00	6	23	3.76
NHB	5	32	6.32	4	24	5.93
NON-RES	7	47	6.74	5	31	6.24
Total	309	1,876	6.07	274	1,701	6.21

Table 29. Survey Inter-Zonal Travel Times to and from Cooper Tire Manufacturing by Trip Purpose.

Trip Purpose	Total Person Trips	Total Person Minutes	Average Person Minutes	Total Auto-Driver Trips	Total Auto-Driver Minutes	Average Auto-Driver Minutes
HBW	285	2,956	10.37	259	2,739	10.58
HBNW	12	109	9.12	6	45	7.42
NHB	5	53	10.63	4	40	9.93
NON-RES	7	78	11.19	5	52	10.50
Total	309	3,197	10.35	274	2,876	10.50

TRAVEL OPTIONS

The Texarkana work place and special generator intercept surveys included questions on how often the survey participants travel to the Austin-San Antonio, Dallas-Fort Worth, and Houston areas, and if they would use rail to travel to these areas should passenger rail service were available. Figure 9 provides an overview of the survey responses.

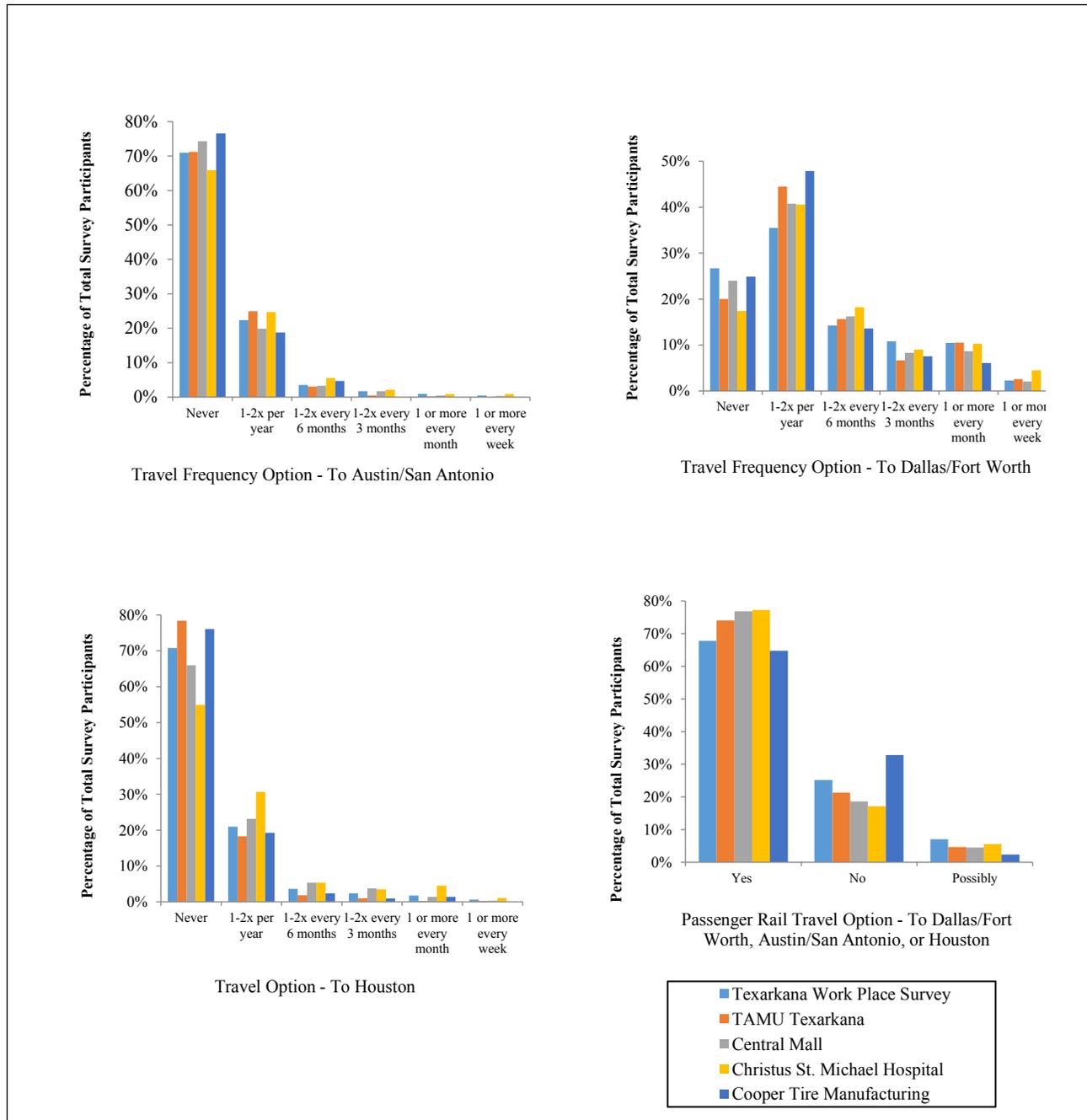


Figure 9. Frequency of Travel and Use of Rail Options.

DATA EXPANSION

The expansion of work place and special generator survey data involved a series of procedures. This section provides a general description of the expansion process.

The full survey trip data were aggregated by site and then linked with the employment and count data collected from the establishment survey. The person and vehicle counts at each site were used to expand the survey trip data. The total trips were counted separately for employees and visitors at free-standing and non-freestanding establishments, and distinguished between residents and non-residents of the Texarkana study area. The total trips were classified by purpose, both from the origin to the work place and from the work place to the next destination, and summed as person trips (all travel modes, including walking and bicycle trips) and auto-driver trips (all trips by drivers and passengers of cars, trucks, and vans, including commercial cargo transport and service vehicles) for each trip purpose category.

The survey employee trips were expanded first to estimate the total employee person trips and employee auto-driver trips by purpose. The process involved dividing the survey employee trips for each category purpose by the number of employee surveys and then multiplying this number by the total number of employees reported to be at work during the survey day. The expanded employee person/auto-driver trips were subtracted from the total person/vehicle count at the site to yield the total visitor person/auto-driver trips to the site.

The survey visitor person/auto-driver trips were used to establish the proportion of visitor trips for each trip purpose category. These percentages were applied to the total estimated visitor trips to yield the visitor person/auto-driver trips by purpose. The average visitor vehicle occupancy rates were based on the auto-driver mode of travel and were calculated for each trip purpose. These occupancy rates were used to convert the expanded visitor person trips to auto-driver trips, or visitor auto-driver trips to person trips, depending on whether a vehicle count or a person count was conducted at the site.

After the data were expanded for each site, the results were aggregated by employment category and area type. The results from the full survey sites were then used to estimate the number of employee and visitor trips by purpose and employment category at the partial survey sites. The person and vehicle counts at each partial survey site were used to expand the trip estimates. Table provides the expanded data summary by area and employment types for the Texarkana Work Place surveys.

Table 30. Texarkana Work Place Survey Expanded Data Summary by Area Type and Employment Type.

Area Type	Item	Basic	Retail	Service	Education	Total
CBD	Number of sites	2	9	16	-	27
	Total employment	1,137	3,059	4,535	-	8,731
	Employees at work	1,137	2,408	2,724	-	6,269
	Total person count	6	-	26	-	32
	Total vehicle count	47	127	289	-	463
	Total CV count	47	107	269	-	423
Urban	Number of sites	-	15	8	1	24
	Total employment	-	23,398	507	236	24,141
	Employees at work	-	15,325	488	187	16,000
	Total person count	-	48	40	6	94
	Total vehicle count	-	628	153	24	805
	Total CV count	-	208	110	24	342
Suburban	Number of sites	21	70	66	13	170
	Total employment	2,912	57,736	13,924	7,551	82,123
	Employees at work	2,439	38,494	10,901	5,884	57,718
	Total person count	182	414	346	94	1,036
	Total vehicle count	213	926	1,149	586	2,874
	Total CV count	196	642	893	570	2,301
Rural	Number of sites	7	13	6	3	29
	Total employment	898	7,108	547	6,846	15,399
	Employees at work	893	5,483	402	4,779	11,557
	Total person count	140	246	4	32	422
	Total vehicle count	104	124	52	84	364
	Total CV count	74	107	34	84	299
Total	Number of sites	30	107	96	17	250
	Total employment	4,947	91,301	19,513	14,633	130,394
	Employees at work	4,469	61,710	14,515	10,850	91,544
	Total person count	328	708	416	132	1,584
	Total vehicle count	364	1,805	1,643	694	4,506
	Total CV count	317	1,064	1,306	678	3,365

Table 31 and Table 32 provide the expanded person and auto-driver trips by purpose, respectively, by area type for each category of employment. The total number of trips by trip purpose were then divided by the total employment (in Table) to develop the attraction rates (in Table and

Table). The total expanded trips do not include the external trips and “not first store” trips to the surveyed work places.

Table 31. Texarkana Work Place Survey Person Trips by Purpose, Area Type, and Employment Type.

BASIC Trip Purpose		HBW	HBNW	NHB	NONRES	Total Person Trips
Area Type						
CBD		24	47	24	-	95
Urban		-	-	-	-	-
Suburban		388	741	642	708	2,479
Rural		122	-	-	14	136
Total		534	788	666	722	2,710
RETAIL Trip Purpose		HBW	HBNW	NHB	NONRES	Total Person Trips
Area Type						
CBD		1,220	930	510	148	2,808
Urban		559	14,033	3,671	2,659	20,922
Suburban		1,860	32,609	10,022	3,278	47,769
Rural		276	4,082	713	957	6,028
Total		3,915	51,654	14,916	7,042	77,527
SERVICE Trip Purpose		HBW	HBNW	NHB	NONRES	Total Person Trips
Area Type						
CBD		471	2,301	901	550	4,223
Urban		130	129	106	48	413
Suburban		2,160	5,676	2,278	1,572	11,686
Rural		51	291	3	202	547
Total		2,812	8,397	3,288	2,372	16,869
EDUCATION Trip Purpose		HBW	HBNW	NHB	NONRES	Total Person Trips
Area Type						
CBD		-	-	-	-	-
Urban		39	63	55	-	157
Suburban		1,106	8,314	1,115	637	11,172
Rural		99	217	2,406	8	2,730
Total		1,244	8,594	3,576	645	14,059

Table 32. Texarkana Work Place Survey Auto-Driver Trips by Purpose, Area Type, and Employment Type.

BASIC Trip Purpose		HBW	HBNW	NHB	NONRES	Total Auto-Driver Trips
Area Type						
CBD		24	47	24	-	95
Urban		-	-	-	-	-
Suburban		388	699	403	585	2,075
Rural		117	-	-	14	131
Total		529	746	427	599	2,301
RETAIL Trip Purpose		HBW	HBNW	NHB	NONRES	Total Auto-Driver Trips
Area Type						
CBD		1,220	440	354	94	2,108
Urban		559	9,165	2,343	-	12,067
Suburban		1,860	20,850	7,068	2,057	31,835
Rural		276	3,099	583	564	4,522
Total		3,915	33,554	10,348	2,715	50,532
SERVICE Trip Purpose		HBW	HBNW	NHB	NONRES	Total Auto-Driver Trips
Area Type						
CBD		417	1,041	703	311	2,472
Urban		130	129	77	-	336
Suburban		1,979	4,164	2,034	1,105	9,282
Rural		44	245	3	110	402
Total		2,570	5,579	2,817	1,526	12,492
EDUCATION Trip Purpose		HBW	HBNW	NHB	NONRES	Total Auto-Driver Trips
Area Type						
CBD		-	-	-	-	-
Urban		37	63	25	-	125
Suburban		1,028	6,185	892	637	8,742
Rural		99	108	1,220	8	1,435
Total		1,164	6,356	2,137	645	10,302

Table and

Table show the survey person and auto-driver trip attraction rates by purpose by area type for each category of employment, respectively. The NHB trips were divided by two to represent the average of NHB origin and destination trips. The NON-RES trips were divided by two to develop a rate for non-resident trip attractions. The external trips were removed from the analysis because these trips were estimated using the external survey and input to the travel demand model directly.

Table 33. Texarkana Work Place Survey Person Trip Attraction Rates.

Trip Purpose	Area Type	Person Trips Per Employee			
		Basic	Retail	Service	Education
HBW	CBD	0.511	9.606	1.630	0.000
	Urban	0.000	0.890	0.850	1.625
	Suburban	1.822	2.009	1.880	1.887
	Rural	1.173	2.226	0.981	1.179
HBNW	CBD	1.000	7.323	7.962	0.000
	Urban	0.000	22.346	0.843	2.625
	Suburban	3.479	35.215	4.940	14.188
	Rural	0.000	32.919	5.596	2.583
NHB	CBD	0.260	2.008	1.559	0.000
	Urban	0.000	2.923	0.346	1.146
	Suburban	1.507	5.411	0.991	0.951
	Rural	0.000	2.875	0.029	14.321
NON-RES	CBD	0.000	0.583	0.952	0.000
	Urban	0.000	2.117	0.157	0.000
	Suburban	1.662	1.770	0.684	0.544
	Rural	0.067	3.859	1.942	0.048

Note: Attraction rates represent observed rates.

Table 34. Texarkana Work Place Survey Auto-Driver Trip Attraction Rates.

Trip Purpose	Area Type	Auto-Driver Trips Per Employee			
		Basic	Retail	Service	Education
HBW	CBD	0.511	9.606	1.443	0.000
	Urban	0.000	0.890	0.850	1.542
	Suburban	1.822	2.009	1.722	1.754
	Rural	1.125	2.226	0.846	1.179
HBNW	CBD	1.000	3.465	3.602	0.000
	Urban	0.000	14.594	0.843	2.625
	Suburban	3.282	22.516	3.624	10.555
	Rural	0.000	24.992	4.712	1.286
NHB	CBD	0.255	1.394	1.216	0.000
	Urban	0.000	1.865	0.252	0.521
	Suburban	0.946	3.816	0.885	0.761
	Rural	0.000	2.351	0.029	7.262
NON-RES	CBD	0.000	0.370	0.538	0.000
	Urban	0.000	0.000	0.000	0.000
	Suburban	1.373	1.111	0.481	0.544
	Rural	0.067	2.274	1.058	0.048

Note: Attraction rates represent observed rates.

The CV counts taken at each site were aggregated by area type and employment type, and then divided by the total employment, and then divided by two to develop a trip attraction rate for CV travel. Table shows the survey CV trip attraction rates by area type.

Table 35. Texarkana Work Place Survey CV Trip Attraction Rates.

Area Type	CV Trips Per Employee			
	Basic	Retail	Service	Education
CBD	0.053	0.165	0.037	0.080
Urban	0.379	0.029	0.107	0.086
Suburban	0.355	0.172	0.124	0.055
Rural	0.560	0.762	0.032	0.132

Note: Attraction rates represent observed rates, with adjustments.

Table shows the total trip person and auto-driver trip attraction estimates by purpose for each Texarkana special generator. The expansion procedures used were similar to the full work place survey sites. The attraction rates were developed by dividing the expanded trips by purpose by the reported total employment at the special generator. The external trips were removed from the analysis. The NHB trips represented the average of the NHB origin and destination trips. The NON-RES trips were divided by two to develop a rate for non-resident trip attractions. The CV count at the special generator was divided by two to develop a rate for CV trip attractions.

Table 36. Texarkana Special Generator Survey Trip Attractions and Rates.

Trip Purpose	Texas A&M University - Texarkana			
	Total Person Trips	Total Person Trips per Employee	Total Auto-Driver Trips	Total Auto-Driver Trips Per Employee
HBW	319	1.594	301	1.504
HBNW	1,752	8.760	1,603	8.016
NHB	172	0.861	158	0.790
NON-RES	274	1.370	254	1.270
CV	-	-	17	0.085
Trip Purpose	Central Mall			
	Total Person Trips	Total Person Trips per Employee	Total Auto-Driver Trips	Total Auto-Driver Trips Per Employee
HBW	967	1.199	776	0.963
HBNW	6,816	8.456	4,803	5.959
NHB	552	0.685	420	0.521
NON-RES	1,218	1.511	827	1.026
CV	-	-	-	-
Trip Purpose	Christus St. Michael Hospital			
	Total Person Trips	Total Person Trips per Employee	Total Auto-Driver Trips	Total Auto-Driver Trips Per Employee
HBW	4,982	3.269	3,682	2.416
HBNW	2,578	1.692	1,824	1.197
NHB	440	0.289	307	0.201
NON-RES	1,332	0.874	970	0.636
CV	-	-	134	0.088
Trip Purpose	Cooper Tire Manufacturing			
	Total Person Trips	Total Person Trips per Employee	Total Auto-Driver Trips	Total Auto-Driver Trips Per Employee
HBW	1,481	0.832	1,381	0.776
HBNW	197	0.111	145	0.082
NHB	175	0.098	133	0.075
NON-RES	574	0.322	491	0.276
CV	-	-	156	0.088

Model Rate Development

The work place survey data must be converted into recommended attraction rates to be used as inputs to the travel demand model. Attraction rates, defined as the estimated number of attractions per employee, were developed for each trip purpose, area type, and employment type. The NHB origin and destination trips were combined and divided by two to develop an attraction rate for NHB trips. The NON-RES trips were divided by two to develop an attraction rate for non-resident travel.

Table and

Table 38 show the total person and auto-driver trip attraction rates by purpose and employment type for all area types, as calculated from the survey trip data, respectively.

Table 37. Texarkana Work Place Survey Total Person Trip Attraction Rates.

Employment Type	HBW	HBNW	NHB	NON-RES
Basic	1.467	2.165	0.915	0.992
Retail	2.169	28.617	4.132	1.951
Service	1.712	5.111	1.001	0.722
Education (K to12)	1.793	12.383	2.576	0.465

Table 38. Texarkana Work Place Survey Total Auto-Driver Trip Attraction Rates.

Employment Type	HBW	HBNW	NHB	NON-RES
Basic	1.453	2.049	0.587	0.823
Retail	2.169	18.589	2.866	1.203
Service	1.564	3.396	0.857	0.479
Education (K to12)	1.677	9.159	1.540	0.465

The next step in model rate development involved applying the survey attraction rates to the overall employment estimates for the study area. **Error! Not a valid bookmark self-reference.** provides the employment estimates for Texarkana MPO study area that was used to estimate the total trip attractions and to develop the attraction rates by employment type and area type. Since the employment estimates were not available by area type, the percentage distribution of employment by area type from the work place surveys were used as basis for the Basic, Retail and Service establishments. For Education, the

geocoded locations of 23 schools in Texarkana were used as basis for distributing the estimated employment by area type.

Table 39. Total Employment in the Texarkana Study Area by Employment Type and Area Type.

Area Type	Total Employment				Total
	Basic	Retail	Service	Education (K-12)	
CBD	835	601	2,784	-	4,220
Urban	234	2,518	1,892	235	4,879
Suburban	7,550	9,214	17,866	3,519	38,150
Rural	2973	630	1622	1,642	6867
Total	11,592	12,963	24,164	5,396	54,115

Source: Texas Workforce Commission, 2011.

Table and

Table show the estimated total person and auto-driver trip attractions to Texarkana by employment type and trip purpose, respectively.

Table 40. Total Person Trip Attractions by Employment Type and Trip Purpose.

Employment Type	HBW	HBNW	NHB	NON-RES	Total
Basic	17,005	25,097	10,607	11,499	64,208
Retail	28,117	370,962	53,563	25,291	477,933
Service	41,369	123,502	24,188	17,446	206,506
Education (K to12)	9,675	66,819	13,900	2,509	92,903
Total	96,166	586,380	102,258	56,746	841,549

Table 41. Total Auto-Driver Trip Attractions by Employment Type and Trip Purpose.

Employment Type	HBW	HBNW	NHB	NON-RES	Total
Basic	16,843	23,752	6,805	9,540	56,940
Retail	28,117	240,969	37,152	15,594	321,832
Service	37,793	82,061	20,709	11,575	152,137
Education (K to12)	9,049	49,422	8,310	2,509	69,290
Total	91,802	396,204	72,975	39,218	600,199

Table 42 and Table 43 show the person and auto-driver attraction rates by employment type and area type for each category of trip purpose. **Error! Not a valid bookmark self-reference.** shows the CV trip estimates by employment type.

Table 42. Texarkana Person Trip Attraction Rates.

Trip Purpose	Area Type	Person Trips Per Employee			
		Basic	Retail	Service	Education
HBW	CBD	0.492	9.671	1.632	1.793
	Urban	1.467	0.896	0.851	1.755
	Suburban	1.753	2.023	1.882	2.038
	Rural	1.129	2.241	0.982	1.273
HBNW	CBD	0.926	6.693	8.120	12.383
	Urban	2.165	20.424	0.860	3.201
	Suburban	3.222	32.186	5.038	17.304
	Rural	2.165	30.087	5.707	3.150
NHB	CBD	0.238	1.786	1.658	2.576
	Urban	0.915	2.599	0.368	0.587
	Suburban	1.379	4.812	1.054	0.487
	Rural	0.915	2.557	0.031	7.336
NON-RES	CBD	0.992	0.604	0.907	0.465
	Urban	0.992	2.192	0.150	0.465
	Suburban	1.499	1.833	0.651	0.685
	Rural	0.060	3.997	1.850	0.060

Note: Attraction rates were developed based on 2011 total employment estimates for Texarkana. Those area types where the trip rates were null as a result of the sampling or zero employment were replaced by the average attraction rate for that particular employment category.

Table 43. Texarkana Auto-Driver Trip Attraction Rates.

Trip Purpose	Area Type	Auto-Driver Trips Per Employee			
		Basic	Retail	Service	Education
HBW	CBD	0.491	9.671	1.444	1.677
	Urban	1.453	0.896	0.851	1.647
	Suburban	1.751	2.023	1.723	1.874
	Rural	1.081	2.241	0.847	1.260
HBNW	CBD	0.925	3.186	3.518	9.159
	Urban	2.049	13.421	0.823	3.201
	Suburban	3.044	20.706	3.540	13.083
	Rural	2.049	22.983	4.603	1.601
NHB	CBD	0.236	1.228	1.277	1.540
	Urban	0.587	1.643	0.265	0.294
	Suburban	0.875	3.361	0.929	0.429
	Rural	0.587	2.071	0.030	4.098
NON-RES	CBD	0.823	0.381	0.514	0.465
	Urban	0.823	1.334	0.150	0.465
	Suburban	1.240	1.143	0.460	0.685
	Rural	0.060	2.340	1.012	0.060

Note: Attraction rates were developed based on 2011 total employment estimates for Texarkana. Those area types where the trip rates were null as a result of the sampling or zero employment were replaced by the average attraction rate for that particular employment category.

Table 44. Texarkana Work Place Survey CV Trip Estimates by Employment Type.

Employment Type	Total CV Trip Attraction Rates	Total CV Trip Attractions
Basic	0.379	4,389
Retail	0.165	2,135
Service	0.106	2,569
Education	0.080	431
Total	0.176	9,524

The estimated total trip attractions from the work place survey were then compared with the estimated total trip productions from the household survey. **Error! Not a valid bookmark self-reference.** provides the trip estimates from the work place, household, and commercial vehicle travel surveys conducted in the Texarkana study area. The results show significant differences between the number of HBNW trips from the work place survey, compared to these same estimates from the household survey, specifically in the retail establishments which generated the most number of attraction. The CV trip estimate from the work place survey was approximately 12 percent of the total CV trip estimate from the commercial vehicle survey.

Table 45. Travel Estimates from the Texarkana Travel Surveys.

Trip Purpose	Work Place Survey (2013)		Household Survey (2014)		Commercial Vehicle Survey (2013)
	Person Trips	Auto-Driver Trips	Person Trips	Auto-Driver	Vehicle Trips
HBW	96,166	91,802	61,966	56,175	-
HBNW Retail	370,962	240,969	74,399	51,645	-
HBNW Other	148,599	105,813	72,904	48,981	-
HBNW Education (K to 12)	66,819	49,422	57,401	19,729	-
NHB	102,258	72,975	107,780	76,232	-
NON-RES	56,746	39,218	-	-	-
CV	-	9,524	-	-	78,869

The attraction rates by trip purpose from the work place survey required some adjustments to balance the aggregate estimates of trip attractions with the aggregate estimates of trip productions from the household survey and total CV trips from the commercial vehicle survey. The balancing factors for HBW and HBNW person/auto-driver trips were calculated by dividing the number of person/auto-driver trips from the household survey with the number of person/auto-driver trips from the work place survey for HBW and HBNW trips, respectively.

The NHB destination and origin trips from the work place survey were summed and averaged to reflect trip attractions and matched with the NHB trips from the household survey.

The NON-RES trips from the work place survey were calculated, summed, and divided by the total employment. The resulting rates were applied to the employment data to develop an estimate of the total internal trips made by persons that did not live in the study area. The total non-resident trips from the Texarkana work place and special generators survey, when converted to trip productions and attractions,

yield an estimate of 56,746 person trips and 39,218 auto-driver trips. These estimates are recommended for use in the travel demand model for non-resident travel.

Table 46 and Table 47 provide the balanced trip production/attraction rates by employment type and trip purpose.

Table 46. Balanced Person Trip Production/Attraction Rates by Employment Type and Trip Purpose.

Employment Type	HBW	HBNW	NHB	NON-RES
Basic	0.945	1.062	0.964	0.992
Retail	1.398	5.739	4.355	1.951
Service	1.103	2.508	1.055	0.722
Education (K to12)	1.155	10.638	2.715	0.465

Table 47. Balanced Auto-Driver Trip Production/Attraction Rates by Employment Type and Trip Purpose.

Employment Type	HBW	HBNW	NHB	NON-RES
Basic	0.889	0.948	0.613	0.823
Retail	1.327	3.984	2.994	1.203
Service	0.957	1.572	0.895	0.479
Education (K to12)	1.026	3.656	1.609	0.465

Table 48 and Table 49 present the balanced trip production/attraction rates by employment type and area type, including rates per household. The attraction rates per household were developed from the 2014 Texarkana Household Survey, based on the total trip attractions to residential land use by trip purpose divided by the total number of households. These rates were assumed to be the same across all area types.

The CBD rates for education facilities represented the overall average attraction rate for this employment category. This ensures that if future education employment is allocated to the CBD, the model will still be applicable. It is recognized that trip rate smoothing across area types for each category of employment may be necessary to achieve more reasonable trip attraction rates for modeling.

Table 48. Balanced Person Trip Production/Attraction Rates.

Trip Purpose	Area Type	Person Trips				
		Per Basic Employee	Per Retail Employee	Per Service Employee	Per Education Employee	Per Household
HBW	CBD	0.311	6.230	1.052	1.155	0.029
	Urban	0.928	0.577	0.548	1.131	0.029
	Suburban	1.107	1.303	1.213	1.313	0.029
	Rural	0.713	1.444	0.633	0.820	0.029
HBNW Retail	CBD		1.343			0.000
	Urban		4.096			0.000
	Suburban		6.455			0.000
	Rural		6.034			0.000
HBNW Other	CBD	0.354		3.984		0.442
	Urban	0.825		0.422		0.442
	Suburban	1.233		2.472		0.442
	Rural	0.846		2.800		0.442
HBNW School	CBD				10.638	0.000
	Urban				2.750	0.000
	Suburban				14.865	0.000
	Rural				2.706	0.000
NHB	CBD	0.195	1.882	1.747	2.715	0.305
	Urban	0.753	2.739	0.388	0.619	0.305
	Suburban	1.134	5.071	1.111	0.513	0.305
	Rural	0.768	2.696	0.033	7.733	0.305
NON-RES	CBD	0.908	0.604	0.906	0.465	0.000
	Urban	0.907	2.192	0.151	0.465	0.000
	Suburban	1.373	1.833	0.651	0.685	0.000
	Rural	0.055	3.997	1.850	0.060	0.000

Note: Attraction rates represent balanced and adjusted rates to match the trip production estimates from the 2014 Texarkana Household Travel Survey. CBD rates for education represent overall average rate for this employment category.

Table 49. Balanced Auto-Driver Trip Production/Attraction Rates.

Trip Purpose	Area Type	Auto-Driver Trips				
		Per Basic Employee	Per Retail Employee	Per Service Employee	Per Education Employee	Per Household
HBW	CBD	0.295	5.917	0.884	1.026	0.024
	Urban	0.872	0.548	0.521	1.008	0.024
	Suburban	1.050	1.238	1.055	1.147	0.024
	Rural	0.648	1.371	0.519	0.771	0.024
HBNW Retail	CBD		0.682			0.000
	Urban		2.876			0.000
	Suburban		4.438			0.000
	Rural		4.926			0.000
HBNW Other	CBD	0.334		1.629		0.284
	Urban	0.740		0.381		0.284
	Suburban	1.099		1.639		0.284
	Rural	0.755		2.130		0.284
HBNW School	CBD				3.656	0.000
	Urban				1.299	0.000
	Suburban				5.223	0.000
	Rural				0.636	0.000
NHB	CBD	0.193	1.283	1.334	1.609	0.209
	Urban	0.479	1.716	0.277	0.307	0.209
	Suburban	0.713	3.511	0.971	0.448	0.209
	Rural	0.488	2.163	0.031	4.282	0.209
NON-RES	CBD	0.753	0.381	0.514	0.465	0.000
	Urban	0.753	1.333	0.150	0.465	0.000
	Suburban	1.135	1.143	0.460	0.685	0.000
	Rural	0.055	2.340	1.012	0.060	0.000

Note: Attraction rates represent balanced and adjusted rates to match the trip production estimates from the 2014 Texarkana Household Travel Survey. CBD rates for education represent overall average rate for this employment category.

Error! Reference source not found. shows the balanced commercial vehicle attraction rates, including CV rates per household, by area type and employment type. Trip balancing was performed to match the CV trip attractions from the work place survey with the total CV trip estimates from 2013 Texarkana Commercial Vehicle Survey. The CV rate per household was held constant across area types.

Table 50. Texarkana Commercial Vehicle Attraction Rates.

Area Type	Commercial Vehicle Trips				
	Per Basic Employee	Per Retail Employee	Per Service Employee	Per Education Employee	Per Household
CBD	0.432	1.364	0.306	0.661	0.558
Urban	3.135	0.231	0.889	0.715	0.558
Suburban	2.882	1.359	1.025	0.458	0.558
Rural	4.543	6.031	0.262	1.090	0.558
All Area Types	3.135	1.364	0.880	0.661	0.558

Note: Attraction rates represent balanced and adjusted rates to match the total CV trip estimates from the 2013 Texarkana Commercial Vehicle Survey.

SURVEY SUMMARY

The TxDOT TPP Division funded the Texarkana work place and special generator surveys in 2013. The surveys collected data on the travel characteristics of employees and non-employees at basic, retail, service, and education establishments. These data are used for updating and forecasting travel demand within the Texarkana MOP modeling area.

The work place survey consisted of four data collection efforts, which involved a general establishment survey, an intercept interview survey, a person or vehicle count, and a CV count. The surveyed establishments were classified as either full survey sites or partial survey sites. The full survey sites consisted of 133 establishments, with a total reported employment of 1,975, of which 86 percent were reported to be at work during the travel survey day. A total of 953 employees and 2,199 non-employees/visitors participated in the intercept interviews. The partial survey sites consisted of 117 establishments, with total reported employment of 2,531, of which 66 percent were reported to be at work during the survey day. The partial sites did not include intercept interview surveys. The survey findings indicated that approximately 130,400 persons and 91,500 non-CVs were traveling to and from the surveyed establishments during the travel survey period. There were 1,584 CVs counted at the surveyed establishments during their normal operating hours.

The special generator survey consisted of Texas A&M University-Texarkana, Central Mall, Christus St. Michael Hospital, and Cooper Tire Manufacturing. The data collection efforts for the special generator survey were similar to the work place survey.

The expansion of work place and special generator survey data involved a series of procedures to develop the trip rate estimates for each trip purpose category based on employment and count data. In the final analysis, the aggregate estimates of trip attractions from the 2013 Texarkana Work Place and Special Generator University Surveys were compared with the aggregate estimates of trip productions from the 2014 Texarkana Household Travel Surveys. Adjustments and balancing factors were applied to match the total trip attractions with the total trip productions. The developed trip attraction rates represent balanced, adjusted, and unsmoothed rates.

The total non-resident trip attractions amounted to approximately 56,746 person trips and 39,218 auto-driver trips. The CV trip attraction rates were developed to match the total 78,869 internal trip estimates from the 2013 Texarkana Commercial Vehicle Travel Surveys.

Adjustments made to the observed trip rates are highly sensitive to the amount of employment and distribution of employment. It is anticipated that the developed trip attraction rates will require smoothing and further adjustments during the calibration phase of the travel demand model for the Texarkana study area once updated employment estimates are made available for use and modeling.

**APPENDIX A:
WORK PLACE TRAVEL SURVEY FORMS**

TEXARKANA
WORK PLACE RECRUITMENT AND GENERAL SURVEY
Form A

SAMPLE NUMBER: _____ RECRUITER: _____
DATE: ____/____/____ COMPANY NAME: _____
ADDRESS: _____
CONTACT NAME / POSITION: _____ / _____
COMPANY PHONE: _____ FAX NUMBER: _____
EMPLOYMENT TYPE: _____ EMAIL: _____

Hello, my name is _____ from (vendor name). We are working with the Texas Department of Transportation to collect travel data at area businesses. May I speak to the owner or manager, please?

(If you have to call back, get):

The manager or owner's name: _____

And, a good time to call back: _____

(If you are transferred to the owner or manager, repeat):

Hello, my name is _____ from (vendor name). We are working with the Texas Department of Transportation to collect travel data at area businesses. Your business has been randomly selected to participate in this data collection effort because TxDOT needs information about where traffic is being generated. Do you have time for me to explain how the data collection would work? It will take about 3 minutes.

If yes, continue. If NO, when can I call back? _____

If a refusal, ask if they can provide some information to assist in this study, if yes ask preliminary questions, if no thank them.

- For one single day, we would have a person outside of your business, a discrete distance away from your business. After visitors and employees leave your business, we would ask them politely to answer a few questions about where they came from and where they are going to.

Would you be willing to participate in this data collection effort?

If yes, ask:

We'll need to coordinate with someone at your workplace on the survey day. Should we coordinate with you or is there someone else you would like us coordinate with on the day of the survey?

(Name: _____). Then ask the Preliminary Questions.

If no, ask: I just explained the longer version of our data collection effort. Would you be willing to allow us to just place traffic counters at the entrances to your business? In this case no one would ask your visitors or employees any questions, but we could still get data on the amount of traffic your business generates each day.

If the answer is yes,

We'll need to coordinate with someone at your workplace on the survey day. Should we coordinate with you or is there someone else you would like us coordinate with on the day of the survey?

(Name: _____). Tell them that we will call them back in a couple of days to let them know the day we will be there to perform the counts. Thank them and ask the Preliminary Questions.

Texarkana Workplace Recruitment and General Survey Form A (English) - Continued

If they have agreed to participate in the survey, tell them you need to get some preliminary information from them to assist in planning the data collection effort at their location.

If they did not agree to participate in the survey, tell them they can assist the study by answering a few questions about their business and where it is located.

PRELIMINARY QUESTIONS

First, let me verify your address (**front page**).

1. How many full and part time employees are located at your site? EMPLOYEES _____ #

2. On a typical week day, how many persons visit this location? VISITORS _____ #

3. On a typical week day, how many employees do you have working at this location? _____ #

4. What are your hours of operation? FROM _____ am/pm, TO _____ am/pm

5. Are you in a shopping center or in an office building? _____.

If yes, are any other companies in the shopping center or office building?

Yes No (circle one)

6. Does the building you are in have its own parking lot? Yes No (circle one)

Is this parking shared between your business and other businesses? Yes No (circle one)

Do people use your parking lot **or driveway** as a cut through to access other businesses?

Yes No (circle one)

7. How many deliveries are made at this location on an average day? _____ #

8. What are the delivery hours? FROM _____:_____ am/pm, TO _____:_____ am/pm

9. As part of the survey, it is important that we survey persons from all entry and exit points to the building. Do you have a special door for deliveries or for employees?

Yes No (circle one)

10. How many vehicles are owned and/or leased by your company for business use in this area? _____ #

How many of these are:

_____ passenger car or sport utility vehicle

_____ pickup truck

_____ van used for cargo delivery or pickup

_____ van used as a service vehicle

If not one of the above categories, how many of these are:

_____ cargo transport vehicles

_____ vehicles used for service or other business purposes

Thank you very much. We will call you in a day or two to schedule an exact date for the data collection. If you have any questions about the survey, please don't hesitate to call _____ at ###-####.

Texarkana Workplace Recruitment and General Survey Form A (English) - Continued

CALL DISPOSITION LOG

Company Name: _____

Keep a record of the calls made to this company below. Indicate if it is an initial call, a call back, a reminder call, a follow-up call, or a form retrieval call. Record notes about what happened during the call.

DATE	CALLS
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

**TEXARKANA WORK PLACE
INTERCEPT TRAVEL SURVEY**

Record 10

Free Standing Work Place

Form B

Survey Area: _____

Site #: _____

Date: ____/____/____

Interviewer: _____

Employment Type: _____

Address: _____

Location: _____

<u>Questions</u>	<u>Person 1</u>	<u>Person 2</u>
Time interview began	_____ am / _____ pm	_____ am / _____ pm
Time interview ended	_____ am / _____ pm	_____ am / _____ pm
1. Do you work in this building or at this location?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. In what city or county do you live?		
3a. Is that in Bowie or Miller counties? (If YES, go to question 4)	a. <input type="checkbox"/> Yes (Go to 4) <input type="checkbox"/> No (Go to 3b)	a. <input type="checkbox"/> Yes (Go to 4) <input type="checkbox"/> No (Go to 3b)
3b. If NO, which roadway did you use to enter the area? (airport is an option)	b. _____	b. _____
4. What is your home address or the names of the nearest two intersecting streets?	_____ _____ (Address or nearest intersection)	_____ _____ (Address or nearest intersection)
5a. Did you travel here directly from your home with no stops? (If YES, go to Question 7)	a. <input type="checkbox"/> Yes (Go to 7) <input type="checkbox"/> No (Go to 5b)	a. <input type="checkbox"/> Yes (Go to 7) <input type="checkbox"/> No (Go to 5b)
5b. If NO, where did you start the trip that brought you here?	b. _____ (Address or nearest intersection)	b. _____ (Address or nearest intersection)
6a. Is that location in:	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name)	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name)
6b. If outside of Bowie and Miller counties, what street or highway were you on when you entered the Texarkana area?	_____ b. _____	_____ b. _____
7. What approximate time did you arrive at this location today?	_____ am / _____ pm	_____ am / _____ pm
8. How did you arrive here today? (Choose from Arrival Options)	Arrival Option #: _____ Other: _____	Arrival Option #: _____ Other: _____
Arrival Options: 1) Driver (car/truck/van) 5) Transit Bus 9) Commercial Service Vehicle 2) Passenger (car/truck/van) 6) School Bus 10) Motorcycle 3) Walk 7) Taxi/Paid Limousine 96) Other (Specify) 4) Bicycle 8) Commercial Cargo Transport Vehicle 99) Refused		
9a. If car/truck/van, ask: How many people, including you, were in the vehicle?	a) # of People _____	a) # of People _____
9b. If bus, ask: What fare did you pay?	b) Fare \$ _____.	b) Fare \$ _____.

Texarkana Work Place Intercept Survey, Record 10, Form B - Continued

<u>Questions</u>	<u>Person 1</u>	<u>Person 2</u>
10. What is the reason for coming here today? (Choose from Trip Purpose Options)	Trip Purpose Option #: _____ Other: _____	Trip Purpose Option #: _____ Other: _____
Trip Purpose Options: 1) Return Home 2) Work Related 3) School 4) Social/Recreational/Visit 5) Shop 6) Eat Out 7) Personal Business 8) Pick Up/Drop Off Passenger 9) Change Travel Mode 10) Delivery - Pick Up/Drop Off Cargo 96) Other (Specify) 99) Refused		
11. When you leave here are you going straight home with no stops?	<input type="checkbox"/> Yes (Go to 14) <input type="checkbox"/> No (Go to 12)	<input type="checkbox"/> Yes (Go to 14) <input type="checkbox"/> No (Go to 12)
12. What is the address of the place you will be going?	_____ _____ (Address or nearest intersection)	_____ _____ (Address or nearest intersection)
13a. Is that location in: 13b. If outside of Bowie and Miller counties, what street or highway will you be on when you leave this area?	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name) _____ b. _____	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name) _____ b. _____
14. How often do you travel to the Austin-San Antonio area?	<input type="checkbox"/> Never <input type="checkbox"/> 1 - 2 times per year <input type="checkbox"/> 1 - 2 times every 6 months <input type="checkbox"/> 1 - 2 times every 3 months <input type="checkbox"/> 1 or more times every month <input type="checkbox"/> 1 or more times every week	<input type="checkbox"/> Never <input type="checkbox"/> 1 - 2 times per year <input type="checkbox"/> 1 - 2 times every 6 months <input type="checkbox"/> 1 - 2 times every 3 months <input type="checkbox"/> 1 or more times every month <input type="checkbox"/> 1 or more times every week
15. How often do you travel to the Dallas-Ft. Worth area?	<input type="checkbox"/> Never <input type="checkbox"/> 1 - 2 times per year <input type="checkbox"/> 1 - 2 times every 6 months <input type="checkbox"/> 1 - 2 times every 3 months <input type="checkbox"/> 1 or more times every month <input type="checkbox"/> 1 or more times every week	<input type="checkbox"/> Never <input type="checkbox"/> 1 - 2 times per year <input type="checkbox"/> 1 - 2 times every 6 months <input type="checkbox"/> 1 - 2 times every 3 months <input type="checkbox"/> 1 or more times every month <input type="checkbox"/> 1 or more times every week
16. How often do you travel to the Houston area?	<input type="checkbox"/> Never <input type="checkbox"/> 1 - 2 times per year <input type="checkbox"/> 1 - 2 times every 6 months <input type="checkbox"/> 1 - 2 times every 3 months <input type="checkbox"/> 1 or more times every month <input type="checkbox"/> 1 or more times every week	<input type="checkbox"/> Never <input type="checkbox"/> 1 - 2 times per year <input type="checkbox"/> 1 - 2 times every 6 months <input type="checkbox"/> 1 - 2 times every 3 months <input type="checkbox"/> 1 or more times every month <input type="checkbox"/> 1 or more times every week
17. If passenger rail service were available to Dallas-Ft. Worth, Austin-San Antonio or to Houston, would you use rail to travel to these areas?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Possibly	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Possibly

**TEXARKANA WORK PLACE
INTERCEPT TRAVEL SURVEY**

Record 11

Non-Free Standing Work Place

Form C

Survey Area: _____

Site #: _____

Date: ____/____/____

Interviewer: _____

Employment Type: _____

Address: _____

Location: _____

<u>Questions</u>	<u>Person 1</u>	<u>Person 2</u>
Time interview began	_____ am / _____ pm	_____ am / _____ pm
Time interview ended	_____ am / _____ pm	_____ am / _____ pm
1. Do you work in this building or at this location?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. In what city or county do you live?		
3a. Is that in Tom Green county? (if YES, go to Question 4) 3b. If NO, which roadway did you use to enter the area? (airport is an option)	a. <input type="checkbox"/> Yes (Go to 4) <input type="checkbox"/> No (Go to 3b) b. _____	a. <input type="checkbox"/> Yes (Go to 4) <input type="checkbox"/> No (Go to 3b) b. _____
4. What is your home address or the names of the nearest two intersecting streets?	_____ _____ (Address or nearest intersection)	_____ _____ (Address or nearest intersection)
5a. Did you travel here directly from your home with no stops? (if YES, go to Question 7) 5b. If NO, where did you start the trip that brought you here?	a. <input type="checkbox"/> Yes (Go to 7) <input type="checkbox"/> No (Go to 5b) b. _____ (Address or nearest intersection)	a. <input type="checkbox"/> Yes (Go to 7) <input type="checkbox"/> No (Go to 5b) b. _____ (Address or nearest intersection)
6a. Is that location in: 6b. If outside of Bowie and Miller counties, what street or highway were you on when you entered the Texarkana area?	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name) _____ b. _____	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name) _____ b. _____
7. What approximate time did you arrive at this location today?	_____ am / _____ pm	_____ am / _____ pm
8. How did you arrive here today? (Choose from Arrival Options)	Arrival Option #: _____ Other: _____	Arrival Option #: _____ Other: _____
Arrival Options: 1) Driver (car/truck/van) 5) Transit Bus 9) Commercial Service Vehicle 2) Passenger (car/truck/van) 6) School Bus 10) Motorcycle 3) Walk 7) Taxi/Paid Limousine 96) Other (Specify) 4) Bicycle 8) Commercial Cargo Transport Vehicle 99) Refused		
9a. If car/truck/van, ask: How many people, including you, were in the vehicle? 9b. If bus, ask: What fare did you pay?	a) # of People _____ b) Fare \$ _____.	a) # of People _____ b) Fare \$ _____.

TEXARKANA

Record CV

WORK PLACE AND SPECIAL GENERATOR COMMERCIAL VEHICLE SURVEY

Form D

Work Place Site # or Special Generator: _____ Date: _____ / _____ / _____

Interviewer: _____

<i>Questions</i>	<i>Vehicle 1</i>	<i>Vehicle 2</i>																																																
1. Time interview began	_____ am / _____ pm	_____ am / _____ pm																																																
2. Time interview ended	_____ am / _____ pm	_____ am / _____ pm																																																
3. Number of People in vehicle																																																		
4. Standard Vehicle Class (Choose from Vehicle Class Options)																																																		
<p>Vehicle Class Options</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">1) Passenger Car</td> <td style="width: 33%;">4) Sport Utility Vehicle (SUV)</td> <td style="width: 33%;">7) Single Unit 4-axle (14 wheels)</td> </tr> <tr> <td>2) Pickup</td> <td>5) Single Unit 2-axle (6 wheels)</td> <td>8) Semi (all tractor-trailer combinations)</td> </tr> <tr> <td>3) Van (cargo or mini)</td> <td>6) Single Unit 3-axle (10 wheels)</td> <td>96) Other (Specify)</td> </tr> </table>			1) Passenger Car	4) Sport Utility Vehicle (SUV)	7) Single Unit 4-axle (14 wheels)	2) Pickup	5) Single Unit 2-axle (6 wheels)	8) Semi (all tractor-trailer combinations)	3) Van (cargo or mini)	6) Single Unit 3-axle (10 wheels)	96) Other (Specify)																																							
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5. Vehicle Type (primary use)	<input type="checkbox"/> Cargo Transport <input type="checkbox"/> Service	<input type="checkbox"/> Cargo Transport <input type="checkbox"/> Service																																																
6. What is the cargo being delivered? (Choose from Cargo Options)	Option # _____ (If coded 96, enter name of cargo) _____	Option # _____ (If coded 96, enter name of cargo) _____																																																
<table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left; width: 35%;"><u>Cargo Options</u></th> <th style="text-align: left;"><u>Description</u></th> </tr> </thead> <tbody> <tr><td>1) Farm Products</td><td>Livestock, fertilizer, dirt, landscaping, etc.</td></tr> <tr><td>2) Forest Products</td><td>Trees, sod, etc.</td></tr> <tr><td>3) Marine Products</td><td>Fresh fish, seafood, etc.</td></tr> <tr><td>4) Metals and Minerals</td><td>Crude petroleum, natural gas, propane, metals, gypsum, ores, etc.</td></tr> <tr><td>5) Food, Health, and Beauty Products</td><td>Assorted food products, cosmetics, etc.</td></tr> <tr><td>6) Tobacco Products</td><td>Cigarettes, cigars, chewing tobacco</td></tr> <tr><td>7) Textiles</td><td>Clothing, linens, etc.</td></tr> <tr><td>8) Wood Products</td><td>Lumber, paper, cardboard, wood pulp, etc.</td></tr> <tr><td>9) Printed Matter</td><td>Newspapers, magazines, books, etc.</td></tr> <tr><td>10) Chemical Products</td><td>Soaps, paints, household or industrial chemicals, etc.</td></tr> <tr><td>11) Refined Petroleum or Coal Products</td><td>Gasoline, etc.</td></tr> <tr><td>12) Rubber, Plastic, and Styrofoam Products</td><td>Finished products of rubber, plastic, or styrofoam</td></tr> <tr><td>13) Clay, Concrete, Glass, or Stone</td><td>Finished products of clay, concrete, glass, or stone</td></tr> <tr><td>14) Manufactured Goods/Equipment</td><td>Miscellaneous products, such as machinery, appliances, furniture, etc.</td></tr> <tr><td>15) Wastes</td><td>Waste products including scrap and recyclable materials</td></tr> <tr><td>16) Miscellaneous Shipments</td><td>U.S. mail, U.P.S., Federal Express, and other mixed cargo</td></tr> <tr><td>17) Hazardous Materials</td><td>Hazardous chemicals and substances</td></tr> <tr><td>18) Transportation</td><td>Automobiles, Heavy Equipment, etc.</td></tr> <tr><td>19) Empty</td><td>Empty (including empty shipping containers)</td></tr> <tr><td>20) No cargo delivered or picked up</td><td></td></tr> <tr><td>96) Other</td><td>Unclassified Cargo - Cargo not falling within one of the above. Record name of cargo</td></tr> <tr><td>98) Unknown</td><td></td></tr> <tr><td>99) Refused</td><td></td></tr> </tbody> </table>			<u>Cargo Options</u>	<u>Description</u>	1) Farm Products	Livestock, fertilizer, dirt, landscaping, etc.	2) Forest Products	Trees, sod, etc.	3) Marine Products	Fresh fish, seafood, etc.	4) Metals and Minerals	Crude petroleum, natural gas, propane, metals, gypsum, ores, etc.	5) Food, Health, and Beauty Products	Assorted food products, cosmetics, etc.	6) Tobacco Products	Cigarettes, cigars, chewing tobacco	7) Textiles	Clothing, linens, etc.	8) Wood Products	Lumber, paper, cardboard, wood pulp, etc.	9) Printed Matter	Newspapers, magazines, books, etc.	10) Chemical Products	Soaps, paints, household or industrial chemicals, etc.	11) Refined Petroleum or Coal Products	Gasoline, etc.	12) Rubber, Plastic, and Styrofoam Products	Finished products of rubber, plastic, or styrofoam	13) Clay, Concrete, Glass, or Stone	Finished products of clay, concrete, glass, or stone	14) Manufactured Goods/Equipment	Miscellaneous products, such as machinery, appliances, furniture, etc.	15) Wastes	Waste products including scrap and recyclable materials	16) Miscellaneous Shipments	U.S. mail, U.P.S., Federal Express, and other mixed cargo	17) Hazardous Materials	Hazardous chemicals and substances	18) Transportation	Automobiles, Heavy Equipment, etc.	19) Empty	Empty (including empty shipping containers)	20) No cargo delivered or picked up		96) Other	Unclassified Cargo - Cargo not falling within one of the above. Record name of cargo	98) Unknown		99) Refused	
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7. What is the weight of the cargo being delivered in pounds?	Weight _____ <input type="checkbox"/> No cargo delivered	Weight _____ <input type="checkbox"/> No cargo delivered																																																
8. What is the cargo being picked up? (Choose from Cargo Options above)	Option # _____ (If coded 96, enter name of cargo) _____	Option # _____ (If coded 96, enter name of cargo) _____																																																
9. What is the weight of the cargo being picked up in pounds?	Weight _____ <input type="checkbox"/> No cargo picked up	Weight _____ <input type="checkbox"/> No cargo picked up																																																

Texarkana Workplace and Special Generator Commercial Vehicle Survey, Record CV, Form D - Continued

Questions	Vehicle 1	Vehicle 2
10. What is your reason for coming here today? (Choose from Trip Purpose Options)	_____ (Trip Purpose Option #)	_____ (Trip Purpose Option #)
11a. What is the address of the last place you got into your vehicle? (Address or nearest two intersecting streets) 11b. What type of place was that location? (Choose from Type of Place Options)	a. _____ _____ b. Type of Place Option # _____	a. _____ _____ b. Type of Place Option # _____
12a. Is that location in: 12b. If outside of Bowie and Miller counties, what street or highway were you on when you entered the area?	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name) _____ b. _____	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name) _____ b. _____
13. What was your purpose for being at that location? (Choose from Trip Purpose Options above)	_____ (Trip Purpose Option #)	_____ (Trip Purpose Option #)
14. What approximate time did you leave that location?	_____ am / _____ pm	_____ am / _____ pm
15a. What is the address of the place you will be going when you leave? (place/address or nearest intersection/city) 15b. What type of place is that location? (Choose from Type of Place Options)	a. _____ _____ b. Type of Place Option # _____	a. _____ _____ b. Type of Place Option # _____
16a. Is that location in: 16b. If outside Tom Green County, what street or highway will you be on when you leave the study area?	a. <input type="checkbox"/> Tom Green County <input type="checkbox"/> Other county (enter name) _____ b. _____	a. <input type="checkbox"/> Tom Green County <input type="checkbox"/> Other county (enter name) _____ b. _____
17. What is your purpose for traveling to your next destination? (Choose from Trip Purpose Options)	_____ (Trip Purpose Option #)	_____ (Trip Purpose Option #)
Thank them for their time and participation.		

Trip Purpose Options

- | | | |
|--|---|---------------------|
| 1) Base location/Return to base location | 4) Delivery and Pick Up | 7) To home |
| 2) Delivery | 5) Maintenance | 8) Buy gas/fuel |
| 3) Pickup | 6) Driver Needs (lunch, restroom, etc.) | 96) Other (Specify) |
| | | 99) Refused |

Type of Place Options

- | | | |
|---|---------------------------------------|-------------------------|
| 1) Office Building | 6) Educational (College, Trade, etc.) | 11) Warehouse |
| 2) Retail / Shopping | 7) Government Office/Building | 12) Distribution Center |
| 3) Industrial/Manufacturing | 8) Residential | 13) Construction Site |
| 4) Medical / Hospital | 9) Airport | 96) Other (Specify) |
| 5) Educational (12 th grade or less) | 10) Intermodal Facility | 99) Refused |

SPECIAL GENERATOR INTERCEPT SURVEY

Form B

Date: ____ / ____ / ____

Survey Area: _____

Interviewer: _____ Location on Campus: _____

<u>Questions</u>	<u>Person 1</u>	<u>Person 2</u>
Time interview began	_____ am / _____ pm	_____ am / _____ pm
Time interview ended	_____ am / _____ pm	_____ am / _____ pm
1. Are you a student here?	<input type="checkbox"/> Yes (Go to 2) <input type="checkbox"/> No (Go to 3)	<input type="checkbox"/> Yes (Go to 2) <input type="checkbox"/> No (Go to 3)
2. Do you live on campus?	<input type="checkbox"/> Yes (Terminate Interview) <input type="checkbox"/> No (Go to 3)	<input type="checkbox"/> Yes (Terminate Interview) <input type="checkbox"/> No (Go to 3)
3. Do you work here at the college/university or are you visiting the college/university?	<input type="checkbox"/> Employee <input type="checkbox"/> Visitor	<input type="checkbox"/> Employee <input type="checkbox"/> Visitor
4. In what city or town do you live?	_____	_____
5. Is that in Bowie or Miller counties?	<input type="checkbox"/> Yes (Go to 7) <input type="checkbox"/> No (Go to 6)	<input type="checkbox"/> Yes (Go to 7) <input type="checkbox"/> No (Go to 6)
If they live outside Bowie and Miller counties, ask: 6. Which roadway did you use to enter the Texarkana area? (airport is an option)	_____ _____	_____ _____
If they live in Bowie or Miller county, ask: 7. What is your home address or nearest two intersecting streets?	_____ _____ (Address or nearest intersection)	_____ _____ (Address or nearest intersection)
8. How did you arrive here at the college/university today? (Choose from Arrival Options)	Arrival Option # _____ Other _____	Arrival Option # _____ Other _____
Arrival Options: 1) Driver (car/truck/van) 5) Transit Bus 9) Commercial Service Vehicle 2) Passenger (car/truck/van) 6) School Bus 10) Motorcycle 3) Walk 7) Taxi/Paid Limousine 96) Other (Specify) 4) Bicycle 8) Commercial Cargo Transport Vehicle 99) Refused		
9a. If arrival was by car/truck/van, how many people, including you, were in the vehicle when you arrived at the college/university? 9b. Where did you park?	a. # of People _____ b. 1) On-Campus 2) Off Campus Parking Lot 3) Off Campus in Street Designated Parking Spot 96) Other (specify) _____	a. # of People _____ b. 1) On-Campus 2) Off Campus Parking Lot 3) Off Campus in Street Designated Parking Spot 96) Other (specify) _____
10a. Did you travel directly from your home to the college/university with no stops? 10b. If NO, where did you start the trip that brought you to the college/university?	a. <input type="checkbox"/> Yes (Go to 12) <input type="checkbox"/> No (Go to 10b) b. _____ _____ (Address or nearest intersection)	a. <input type="checkbox"/> Yes (Go to 12) <input type="checkbox"/> No (Go to 10b) b. _____ _____ (Address or nearest intersection)
11a. Is that location in: 11b. If outside of Bowie and Miller counties, what street or highway were you on when you entered the Texarkana area?	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name) _____ b. _____	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name) _____ b. _____

SPECIAL GENERATOR INTERCEPT SURVEY

Form B

Date: ____ / ____ / ____

Survey Area: _____

Interviewer: _____ Location at Mall: _____

<u>Questions</u>	<u>Person 1</u>	<u>Person 2</u>
Time interview began	_____ am / _____ pm	_____ am / _____ pm
Time interview ended	_____ am / _____ pm	_____ am / _____ pm
1. Do you work in this Mall?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. In what city or town do you live?		
3a. Is that in Bowie or Miller county? (If YES, go to question 4) 3b. If NO, which roadway did you use to enter the Texarkana area? (airport is an option)	a. <input type="checkbox"/> Yes (Go to 4) <input type="checkbox"/> No (Go to 3b) b. _____	a. <input type="checkbox"/> Yes (Go to 4) <input type="checkbox"/> No (Go to 3b) b. _____
4. What is your home address or nearest two intersecting streets?	_____ _____ (Address or nearest intersection)	_____ _____ (Address or nearest intersection)
5a. Did you travel directly from your home to the Mall with no stops? 5b. If NO, where did you start the trip that brought you to the Mall?	a. <input type="checkbox"/> Yes (Go to 7) <input type="checkbox"/> No (Go to 5b) b. _____ _____ (Address or nearest intersection)	a. <input type="checkbox"/> Yes (Go to 7) <input type="checkbox"/> No (Go to 5b) b. _____ _____ (Address or nearest intersection)
6a. Is that location in: 6b. If outside of Bowie and Miller counties, what street or highway were you on when you entered the Texarkana area?	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name) _____ b. _____	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name) _____ b. _____
7. What approximate time did you arrive at the Mall today?	_____ am / _____ pm	_____ am / _____ pm
8. How did you arrive at the Mall today? (Choose from Arrival Options)	Arrival Option # _____ Other _____	Arrival Option # _____ Other _____
Arrival Options: 1) Driver (car/truck/van) 5) Transit Bus 9) Commercial Service Vehicle 2) Passenger (car/truck/van) 6) School Bus 10) Motorcycle 3) Walk 7) Taxi/Paid Limousine 96) Other (Specify) 4) Bicycle 8) Commercial Cargo Transport Vehicle 99) Refused		
9a. If car/truck/van, ask: How many people, including you, were in the vehicle? 9b. If bus, ask: What fare did you pay?	a. # of People _____ b. Fare \$ _____	a. # of People _____ b. Fare \$ _____

CHRISTUS ST. MICHAEL'S HOSPITAL
SPECIAL GENERATOR INTERCEPT SURVEY

Form B

Date: ____ / ____ / ____

Survey Area: _____

Interviewer: _____ Location on Medical Center Campus: _____

<u>Questions</u>	<u>Person 1</u>	<u>Person 2</u>
Time interview began	_____ am / _____ pm	_____ am / _____ pm
Time interview ended	_____ am / _____ pm	_____ am / _____ pm
1. Do you work in this building or at this location?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. In what city or town do you live?		
3a. Is that in Bowie or Miller county? (If YES, go to question 4) 3b. If NO, which roadway did you use to enter the Texarkana area? (airport is an option)	a. <input type="checkbox"/> Yes (Go to 4) <input type="checkbox"/> No (Go to 3b) b. _____	a. <input type="checkbox"/> Yes (Go to 4) <input type="checkbox"/> No (Go to 3b) b. _____
4. What is your home address or nearest two intersecting streets?	_____ _____ (Address or nearest intersection)	_____ _____ (Address or nearest intersection)
5a. Did you travel directly from your home to the Medical Center with no stops? 5b. If NO, where did you start the trip that brought you to the Medical Center?	a. <input type="checkbox"/> Yes (Go to 7) <input type="checkbox"/> No (Go to 5b) b. _____ _____ (Address or nearest intersection)	a. <input type="checkbox"/> Yes (Go to 7) <input type="checkbox"/> No (Go to 5b) b. _____ _____ (Address or nearest intersection)
6a. Is that location in: 6b. If outside of Bowie and Miller counties, what street or highway were you on when you entered the Texarkana area?	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name) _____ b. _____	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name) _____ b. _____
7. What approximate time did you arrive at the Medical Center today?	_____ am / _____ pm	_____ am / _____ pm
8. How did you arrive at the Medical Center today? (Choose from Arrival Options)	Arrival Option # _____ Other _____	Arrival Option # _____ Other _____
Arrival Options: 1) Driver (car/truck/van) 5) Transit Bus 9) Commercial Service Vehicle 2) Passenger (car/truck/van) 6) School Bus 10) Motorcycle 3) Walk 7) Taxi/Paid Limousine 96) Other (Specify) 4) Bicycle 8) Commercial Cargo Transport Vehicle 99) Refused		
9a. If car/truck/van, ask: How many people, including you, were in the vehicle? 9b. If bus, ask: What fare did you pay?	a. # of People _____ b. Fare \$ _____	a. # of People _____ b. Fare \$ _____

COOPER TIRE MANUFACTURING
SPECIAL GENERATOR INTERCEPT SURVEY

Form B

Date: ____ / ____ / ____

Survey Area: _____

Interviewer: _____ Location at Special Generator: _____

<u>Questions</u>	<u>Person 1</u>	<u>Person 2</u>
Time interview began	_____ am / _____ pm	_____ am / _____ pm
Time interview ended	_____ am / _____ pm	_____ am / _____ pm
1. Do you work in this location?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
2. In what city or town do you live?		
3a. Is that in Bowie or Miller county? (If YES, go to question 4) 3b. If NO, which roadway did you use to enter the Texarkana area? (airport is an option)	a. <input type="checkbox"/> Yes (Go to 4) <input type="checkbox"/> No (Go to 3b) b. _____	a. <input type="checkbox"/> Yes (Go to 4) <input type="checkbox"/> No (Go to 3b) b. _____
4. What is your home address or nearest two intersecting streets?	_____ _____ (Address or nearest intersection)	_____ _____ (Address or nearest intersection)
5a. Did you travel directly from your home to this location with no stops? 5b. If NO, where did you start the trip that brought you to this location?	a. <input type="checkbox"/> Yes (Go to 7) <input type="checkbox"/> No (Go to 5b) b. _____ _____ (Address or nearest intersection)	a. <input type="checkbox"/> Yes (Go to 7) <input type="checkbox"/> No (Go to 5b) b. _____ _____ (Address or nearest intersection)
6a. Is that location in: 6b. If outside of Bowie and Miller counties, what street or highway were you on when you entered the Texarkana area?	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name) _____ b. _____	a. <input type="checkbox"/> Bowie County <input type="checkbox"/> Miller County <input type="checkbox"/> Other county (enter name) _____ b. _____
7. What approximate time did you arrive here today?	_____ am / _____ pm	_____ am / _____ pm
8. How did you arrive here today? (Choose from Arrival Options)	Arrival Option # _____ Other _____	Arrival Option # _____ Other _____
Arrival Options: 11) Driver (car/truck/van) 15) Transit Bus 19) Commercial Service Vehicle 12) Passenger (car/truck/van) 16) School Bus 20) Motorcycle 13) Walk 17) Taxi/Paid Limousine 97) Other (Specify) 14) Bicycle 18) Commercial Cargo Transport Vehicle 99) Refused		
9a. If car/truck/van, ask: How many people, including you, were in the vehicle? 9b. If bus, ask: What fare did you pay?	a. # of People _____ b. Fare \$ _____	a. # of People _____ b. Fare \$ _____

**APPENDIX B:
ASCII FILE FORMATS**

Texarkana Work Place Survey Recruitment and General Work Place Information, Form A Format

This file contains establishment information, call disposition results, and count data collected using Form A, Work Place Recruitment and General Survey, Record 9. The data are in an ASCII data file format.

<u>Item</u>	<u>Type</u>	<u>Description</u>
1. Record Type	Alphanum. LJ	Code indicating type of record. Here it should be 9.
2. Contact Month	Numeric RJ	Month work place was contacted.
3. Contact Day	Numeric RJ	Day of month work place was contacted.
4. Contact Year	Numeric RJ	Year work place was contacted.
5. Site Number	Numeric RJ	Unique non - zero number assigned to each work place.
6. NAICS Code	Numeric RJ	North American Industrial Classification System code of the workplace.
7. Work Place Name	Alphanum. LJ	Name of work place.
8. Work Place Address	Alphanum. LJ	Address of work place.
9. Work Place City	Alphanum. LJ	City where work place is located.
10. Work Place State	Alphanum. LJ	State where work place is located.
11. Work Place Zip Code	Numeric RJ	Zip code for work place.
12. Work Place County	Numeric RJ	Code indicating county in which work place is located: 1-Bowie County 2-Miller County.
13. Work Place Longitude	Numeric RJ	Longitude of work place location. Those locations within the study area but unknown should be coded 888.888888. All work places must be within the study area.
14. Work Place Latitude	Numeric RJ	Latitude of work place location. Those locations within the study area but unknown should be coded 888.888888. All work places must be within the study area.
15. Work Place Study Area	Alphanum. LJ	Code indicating study area in which company/operator is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. All work places must be within the study area.
16. Work Place Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone where work place is located. If unknown but in the study area, it should be coded 88888. All work places must be within the study area.
17. Employment Type	Numeric RJ	Code indicating the type of employment at the workplace. See code descriptions.
18. Other Employment Type	Alphanum. LJ	If employment type is coded as 96 - Other, this field contains a description of the employment type.
19. Employment Sector	Numeric RJ	Code indicating the sector of employment at the work place. 1 - Basic, 2 - Retail, 3 - Service, 4 - Education, 96 - Other
20. Other Employment Sector	Alphanum. LJ	If employment sector is coded as other, this field contains a description of the employment type.
21. Work Place Phone No.	Alphanum. LJ	Phone number of work place.
22. Number of Attempts	Numeric RJ	Number of attempts made to contact work place.
23. Call Disposition Code	Numeric RJ	Code indicating final result of call attempts. See code definitions.
24. Other Call Disposition	Alphanum. LJ	If call disposition code is "other", this field contains a description of the call disposition.
25. Recruitment	Numeric RJ	Code indicating results of recruitment attempts. 1 - Full Survey, 2 - Partial Survey, 3 - Refusal w/Data, 4 - Refusal w/No data, 5 - Contact never made - no data
26. Total Employment	Numeric RJ	Total number of full and part time employees at this location.
27. Estimated No. of Visitors	Numeric RJ	Estimated average number of visitors to the work place on a typical weekday.
28. Estimated No. Employees	Numeric RJ	Average number of employees at work on a typical weekday.
29. Begin Operations	Numeric RJ	Normal time (military) operations begin at work place.
30. End Operations	Numeric RJ	Normal time (military) operations end at work place.

Texarkana Work Place Survey Recruitment and General Work Place Information, Form A Format – Continued.

<u>Item</u>	<u>Type</u>	<u>Description</u>
31. Workplace Type	Numeric RJ	Code indicating the type of workplace. 1 - Free Standing, 2 - Non - Free Standing
32. Location Code	Numeric RJ	Code indicating type of location. 1 - Shopping Center or Office Building, 2 - Other
33. Others at Location	Numeric RJ	Code indicating if other businesses are located at the same location. 1 - Yes, 2 - No
34. Parking	Numeric RJ	Code indicating if work place has its own parking. 1 - Yes, 2 - No
35. Cut Thru Traffic	Numeric RJ	Code indicating if traffic cuts through parking lot to access other businesses. 1 - Yes, 2 - No
36. Estimate of Deliveries	Numeric RJ	Estimated number of deliveries on an average week day.
37. From Delivery Hours	Numeric RJ	Beginning time for deliveries in military time.
38. To Deliver Hours	Numeric RJ	Ending time for deliveries in military time.
39. Special Access	Numeric RJ	Code indicating if special access is provided for deliveries or employees. 1 - Yes, 2 - No
40. Business Vehicles	Numeric RJ	Total Number of vehicles owned or leased by work place for business purposes (all types of vehicles).
41. Cars/SUVs	Numeric RJ	Number of cars and SUVs owned or leased by work place for business purposes.
42. Pickup Trucks	Numeric RJ	Number of pickup trucks owned or leased by work place for business purposes.
43. Cargo Vans	Numeric RJ	Number of vans owned or leased by work place used for delivery or pick up of cargo.
44. Service Vans	Numeric RJ	Number of vans owned or leased by work place used for commercial service or other purposes.
45. Cargo Vehicles	Numeric RJ	Number of cargo transport vehicles owned or leased by work place for business purposes that do not fall into the other categories.
46. Service Vehicles	Numeric RJ	Number of service vehicles owned or leased by work place for business purposes that do not fall into the other categories.
47. Survey Month	Numeric RJ	Month work place was surveyed.
48. Survey Day	Numeric RJ	Day of month work place was surveyed.
49. Survey Year	Numeric RJ	Year work place was surveyed.
50. Employees at Work	Numeric RJ	Total number of employees at work on the day that the travel survey was conducted.
51. Count of Deliveries	Numeric RJ	Total number of delivery persons making deliveries or pick - ups at workplace on survey day beginning 1 hour before and ending 1 hour after operations. Count is for 24 - hours if workpalce is open 24 hours.
52. Count of Persons	Numeric RJ	Total number of persons counted entering and exiting the workplace beginning 1 hour before and ending 1 hour after operations. Count is for 24 - hours if workplace is open 24 hours.
53. Count of Passenger Vehicles	Numeric RJ	Total number of passenger vehicles counted entering and exiting the workplace beginning 1 hour before and ending 1 hour after operations. Count is for 24 hours if workplace is open 24 hours.
54. Count of Commercial Vehicles	Numeric RJ	Total number of commercial vehicles (excluding school buses) counted entering and exiting the workplace beginning 1 hour before and ending 1 hour after operations. Count is for 24 hours if workplace is open 24 hours.
55. Count of School Buses	Numeric RJ	Total number of school buses counted entering and exiting the workplace beginning 1 hour before and ending 1 hour after operations. Count is for 24 hours if workplace is open 24 hours.
56. ACR Counts	Numeric RJ	Code indicating if passenger vehicle and commercial vehicle counts were obtained from Accumulative Count Recorders. 1 - Yes, 2 - No
31. Workplace Type	Numeric RJ	Code indicating the type of workplace. 1 - Free Standing, 2 - Non - Free Standing
32. Location Code	Numeric RJ	Code indicating type of location. 1 - Shopping Center or Office Building, 2 - Other
33. Others at Location	Numeric RJ	Code indicating if other businesses are located at the same location. 1 - Yes, 2 - No
34. Parking	Numeric RJ	Code indicating if work place has its own parking. 1 - Yes, 2 - No

Texarkana Non-Free Workplace Intercept Survey, Form B Format

This file contains the travel data for employees and visitors surveyed at free standing work places using Form B, Intercept Travel Survey, Record 10. The data are in an ASCII data file format.

<u>Item</u>	<u>Type</u>	<u>Description</u>
1. Record Type	Alphanum. LJ	Code which indicates the type of record. Here it should be 10.
2. Month	Numeric RJ	Month workplace was surveyed.
3. Day	Numeric RJ	Day of the month workplace was surveyed.
4. Year	Numeric RJ	Year work place was surveyed.
5. Site Number	Numeric RJ	Unique non-zero number assigned to the work place where these interviews were conducted.
6. Form Number	Numeric RJ	Survey form number which contains raw survey data.
7. Person Number	Numeric RJ	Number of person being interviewed. This corresponds to the column number on the interview form.
8. Time Began	Numeric RJ	Time interview began. Military time
9. Time Ended	Numeric RJ	Time interview ended. Military time
10. Person Interviewed	Numeric RJ	Code indicating if person being interviewed is an employee or a visitor. 1 - Employee, 2 - Visitor
11. Residence	Alphanum. LJ	Name of city, county or country (if not in U.S.) where person lives.
12. Residence Code	Numeric RJ	Code indicating if residence is located in the study area that the work place is located in. 1 - Yes, 2 - No, 98 - Unknown, 99 - Refused
13. Home Entry Facility	Alphanum. LJ	If person does not live in the study area the special generator is located in, this field should contain the name of the street/highway/bridge the person was on when they entered the study area. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE). If person stayed over night, this field should be blank. Note that airport is a valid entry.
14. Home Entry Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone number associated with the street/highway/bridge person was on when they entered the study area the work place is located. If person lives in study area, this field should be blank.
15. Home Address	Alphanum. LJ	Address where respondent lives. If person gives nearest intersecting streets, both street names are listed here.
16. Home City	Alphanum. LJ	City (or nearest city/town) where respondent lives.
17. Home State	Alphanum. LJ	State where respondent lives.
18. Home Zip	Numeric RJ	Zip code where respondent lives.
19. Home County	Numeric RJ	Code indicating county where respondent's home is. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
20. Home - County Other	Alphanum. LJ	If county location is coded as other, this field should contain the name of the county where location is.
21. Home Study Area	Alphanum. LJ	Code indicating study area in which home address is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If home address is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.
22. Home Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone number of home address. If in the study area being surveyed but location unknown, it should be coded 88888. Locations in Mexico should be coded 77777 and addresses outside of the study area being surveyed, but within Texas should be coded using the Statewide Zone System. Unknown locations outside of the study area being surveyed but within the state of Texas should be coded 66666. Addresses outside of Texas and Mexico should be coded using 99999.
23. Home Longitude	Numeric RJ	Longitude of home address. If within the study area being surveyed but unknown, it should be coded 888.888888. If outside the study area being surveyed but within Texas and unknown, it should be coded as 666.666666. Locations in Mexico should be coded 777.777777 and addresses outside of Texas and Mexico should be coded 999.999999.

Texarkana Free Standing Work Place Intercept Survey, Form B Format – Continued.

<u>Item</u>	<u>Type</u>	<u>Description</u>
24. Home Latitude	Numeric RJ	Latitude of home address. If within the study area being surveyed, but unknown it should be coded 888.888888. If outside the study area being surveyed but within Texas and unknown it should be coded as 666.666666. Locations in Mexico should be coded 777.777777 and addresses outside of Texas and Mexico should be coded 999.999999.
25. Origin Code	Numeric RJ	Code indicating origin of trip. 1 - Home, 2 - Other
26. Origin Address	Alphanum. LJ	Origin address. If person gives nearest intersecting streets, both street names are listed here.
27. Origin City	Alphanum. LJ	Origin city.
28. Origin State	Alphanum. LJ	Origin state.
29. Origin Zip	Numeric RJ	Origin zip code.
30. Origin County	Numeric RJ	Code indicating county where trip originated. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
31. Other Origin County	Alphanum. LJ	If county origin/location is coded as "other", this field contains the name of the county or location.
32. Origin Study Area	Alphanum. LJ	Code indicating study area in which trip origin is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If trip origin is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.
33. Origin Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone where trip originated. Locations in Mexico should be coded 77777. Locations outside of these study areas, but within Texas should be coded to the state zone system. Unknown zone numbers in the study area the work place is located should be coded as 88888. Unknown zone numbers outside of the study area the work place is located but within Texas should be coded as 66666. Locations outside Texas and not in Mexico should be coded as 99999.
34. Origin Longitude	Numeric RJ	Longitude of location trip originated from. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in the study area the work place is located, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
35. Origin Latitude	Numeric RJ	Latitude of location trip originated from. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in the study area the work place is located, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
36. Entry Facility	Alphanum. LJ	If origin is outside the study area the work place is located in, this field should contain the name of the bridge, street, or highway used to enter the study area. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE).
37. Entry Study Area	Alphanum. LJ	If origin is outside of the study area, this field should contain a code indicating the study area where the bridge, street, or highway used to enter is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area.
38. Entry External Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. If origin is outside the study area in which the work place is located, this field should contain the external station number associated with the bridge, street, or highway used to enter the study area.
39. Arrival Hour	Numeric RJ	Hour person arrived at this site. This hour should be in military time.
40. Arrival Minute	Numeric RJ	Minute person arrived at this site.
41. Mode	Numeric RJ	Code indicating mode of travel to this location. See definitions below.
42. Other Mode	Alphanum. LJ	If mode is coded "other", this field should contain a description of the mode.
43. Number Persons	Numeric RJ	If car/truck/van, this is the number of persons in the vehicle including the person being interviewed. This field is blank for all other modes.
44. Fare	Numeric RJ	If mode of travel was bus, this is the fare paid in dollars and cents.
45. Trip Purpose	Numeric RJ	Code indicating purpose of trip. See code definitions below.
46. Other Purpose	Alphanum. LJ	If purpose is coded as "other", this contains description of the purpose.
47. Depart Destination	Numeric RJ	Code indicating destination when person departs from this site. 1 - Home, 2 - Other
48. Destination Address	Alphanum. LJ	Destination address or cross streets.
49. Destination City	Alphanum. LJ	Destination city.
50. Destination State	Alphanum. LJ	Destination state.
51. Destination Zip	Numeric RJ	Destination zip code.
52. Destination County	Numeric RJ	Code indicating county of trip destination. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused

Texarkana Free Standing Work Place Intercept Survey, Form B Format – Continued.

<u>Item</u>	<u>Type</u>	<u>Description</u>
53. Other Destination County	Alphanum. LJ	If county destination/location is coded as "other", this field contains the name of the county or location.
54. Destination Study Area	Alphanum. LJ	Code indicating study area of trip destination. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If trip origin is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.
55. Destination Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone where individual is going when they leave this location. Locations in Mexico should be coded 77777. Locations not in a study area county, but within Texas should be coded to the state zone system. Unknown zone numbers in the study area the work place is located should be coded as 88888. Unknown zone numbers not in the study area the work place is located but within Texas should be coded as 66666. Locations outside Texas and not in Mexico should be coded as 99999.
56. Destination Longitude	Numeric RJ	Longitude of destination location. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in study area the work place is located in, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
57. Destination Latitude	Numeric RJ	Latitude of destination location. If address is in Mexico, this should be coded 777.777777. If address is outside Texas and Mexico, this should be coded 999.999999. If unknown but in study area the work place is located in, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
58. Exit Facility	Alphanum. LJ	If destination is outside of the study area the work place is located in, this field should contain the name of the bridge, street, or highway used to leave the study area. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE).
59. Exit Study Area	Alphanum. LJ	If destination is outside of the study area, this field should contain a code indicating the study area where the bridge, street, or highway used to exit is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area.
60. Exit External Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. If destination is outside the study area the work place is located in, this field should contain the external station number associated with the bridge, street, or highway used to exit the study area.
61. Travel to Austin - San Antonio	Numeric RJ	Code indicating frequency of travel to Austin - San Antonio. See options below.
62. Travel to Dallas - Ft. Worth	Numeric RJ	Code indicating frequency of travel to Dallas - Ft. Worth. See options below.
63. Travel to Houston	Numeric RJ	Code indicating frequency of travel to Houston. See options below.
64. Passenger Rail to Dallas - Ft. Worth, Austin - San Antonio or Houston	Numeric RJ	Code indicating whether respondent would use passenger rail service to Dallas - Ft. Worth, Austin - San Antonio or Houston. 1 - Yes, 2 - No, 3 - Possibly

MODE OF TRANSPORTATION CODES

- 1 - Driver (car/truck/van)
- 2 - Passenger (car/truck/van)
- 3 - Walk
- 4 - Bicycle
- 5 - Transit Bus
- 6 - School Bus
- 7 - Taxi/Limo
- 8 - Commercial Cargo Transport Vehicle
- 9 - Commercial Service Vehicle
- 10 - Motorcycle
- 96 - Other
- 99 - Refused

FREQUENCY OF TRAVEL OPTIONS

- 1 - Never
- 2 - 1 to 2 times per year
- 3 - 1 to 2 times every 6 months
- 4 - 1 to 2 times every 3 months
- 5 - 1 or more times every month
- 6 - 1 or more times every week
- 99 - Refused

Texarkana Non-Free Workplace Intercept Survey, Form C Format

This file contains the travel data for employees and visitors surveyed at non-free standing work places using Form C, Intercept Travel Survey. The data are in an ASCII data file format.

<u>Item</u>	<u>Type</u>	<u>Description</u>
1. Record Type	Alphanum. LJ	Code which indicates the type of record. Here it should be 11.
2. Month	Numeric RJ	Month workplace was surveyed.
3. Day	Numeric RJ	Day of the month workplace was surveyed.
4. Year	Numeric RJ	Year work place was surveyed.
5. Site Number	Numeric RJ	Unique non - zero number assigned to the work place where these interviews were conducted.
6. Form Number	Numeric RJ	Survey form number which contains raw survey data.
7. Person Number	Numeric RJ	Number of person being interviewed. This corresponds to the column number on the interview form.
8. Time Began	Numeric RJ	Time interview began. Military time
9. Time Ended	Numeric RJ	Time interview ended. Military time
10. Person Interviewed	Numeric RJ	Code indicating if person being interviewed is an employee or a visitor. 1 - Employee, 2 - Visitor
11. Residence	Alphanum. LJ	Name of city, county or country (if not in U.S.) where person lives.
12. Residence Code	Numeric RJ	Code indicating if residence is located inside the study area that the work place is located in. 1 - Yes, 2 - No, 98 - Unknown, 99 - Refused
13. Home Entry Facility	Alphanum. LJ	If person does not live in the study area the special generator is located in, this field should contain the name of the street/highway/bridge the person was on when they entered the study area. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE). If person stayed over night, this field should be blank. Note that airport is a valid entry.
14. Home Entry Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone number associated with the street/highway/bridge person was on when they entered the study area the work place is located. If person lives in study area, this field should be blank.
15. Home Address	Alphanum. LJ	Address where respondent lives. If person gives nearest intersecting streets, both street names are listed here.
16. Home City	Alphanum. LJ	City where respondent lives.
17. Home State	Alphanum. LJ	State where respondent lives.
18. Home Zip	Numeric RJ	Zip code where respondent lives.
19. Home County	Numeric RJ	Code indicating county where respondent's home is. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
20. Home - Other County	Alphanum. LJ	If county location is coded as other, this field should contain the name of the county where location is.
21. Home Study Area	Alphanum. LJ	Code indicating study area in which home address is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If home address is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.
22. Home Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone number of home address. If in the study area being surveyed but location unknown, it should be coded 88888. Locations in Mexico should be coded 77777 and addresses outside of the study area being surveyed, but within Texas should be coded using the Statewide Zone System. Unknown locations outside of the study area being surveyed but within the state of Texas should be coded 66666. Addresses outside of Texas and Mexico should be coded using 99999.
23. Home Longitude	Numeric RJ	Longitude of home address. If within the study area being surveyed but unknown, it should be coded 888.888888. If outside the study area being surveyed but within Texas and unknown, it should be coded as 666.666666. Locations in Mexico should be coded 777.777777 and addresses outside of Texas and Mexico should be coded 999.999999.

Texarkana Non- Free Standing Work Place Intercept Survey, Form C Format – Continued.

<u>Item</u>	<u>Type</u>	<u>Description</u>
24. Home Latitude	Numeric RJ	Latitude of home address. If within the study area being surveyed, but unknown it should be coded 888.888888. If outside the study area being surveyed but within Texas and unknown it should be coded as 666.666666. Locations in Mexico should be coded 777.777777 and addresses outside of Texas and Mexico should be coded 999.999999.
25. Origin Code	Numeric RJ	Code indicating origin of trip. 1 - Home, 2 - Other
26. Origin Address	Alphanum. LJ	Origin address. If person gives nearest intersecting streets, both street names are listed here.
27. Origin City	Alphanum. LJ	Origin city.
28. Origin State	Alphanum. LJ	Origin state.
29. Origin Zip	Numeric RJ	Origin zip code.
30. Origin County	Numeric RJ	Code indicating county where trip originated. 1 - Bowie County, 2- Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
31. Other Origin County	Alphanum. LJ	If county origin/location is coded as "other", this field contains the name of the county or location.
32. Origin Study Area	Alphanum. LJ	Code indicating study area in which trip origin is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If trip origin is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.
33. Origin Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone where trip originated. Locations in Mexico should be coded 77777. Locations outside of these study areas, but within Texas should be coded to the state zone system. Unknown zone numbers in the study area the work place is located should be coded as 88888. Unknown zone numbers outside of the study area the work place is located but within Texas should be coded as 66666. Locations outside Texas and not in Mexico should be coded as 99999.
34. Origin Longitude	Numeric RJ	Longitude of location trip originated from. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in the study area the work place is located, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
35. Origin Latitude	Numeric RJ	Latitude of location trip originated from. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in the study area the work place is located, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
36. Entry Facility	Alphanum. LJ	If origin is outside the study area the work place is located in, this field should contain the name of the bridge, street, or highway used to enter the study area.
37. Entry Study Area	Alphanum. LJ	If origin is outside of the study area, this field should contain a code indicating the study area where the bridge, street, or highway used to enter is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area.
38. Entry External Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. If origin is outside the study area in which the work place is located, this field should contain the external station number associated with the bridge, street, or highway used to enter the study area. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE).
39. Arrival Hour	Numeric RJ	Hour person arrived at this site. This hour should be in military time.
40. Arrival Minute	Numeric RJ	Minute person arrived at this site.
41. Mode	Numeric RJ	Code indicating mode of travel to this location. See definitions below.
42. Other Mode	Alphanum. LJ	If mode is coded "other", this field should contain a description of the mode.
43. Number Persons	Numeric RJ	If car/truck/van, this is the number of persons in the vehicle including the person being interviewed. This field is blank for all other modes.
44. Fare	Numeric RJ	If mode of travel was bus, this is the fare paid in dollars and cents.
45. Trip Purpose	Numeric RJ	Code indicating purpose of trip. See code definitions below.

Texarkana Non- Free Standing Work Place Intercept Survey, Form C Format – Continued.

Item	Type	Description
46. Other Purpose	Alphanum. LJ	If purpose is coded as “other”, this contains description of the purpose.
47. First Store	Numeric RJ	Code indicating if this store/work place is the first visited in the location since arriving. 1 - Yes, 2 - No, 98 - Unknown, 99 - Refused
48. Number Visited	Numeric RJ	Number of stores/work places visited in this location including this establishment.
49. More Visits	Numeric RJ	Number of additional stores/work places in this location person plans on visiting during this trip.
50. Depart Destination	Numeric RJ	Code indicating destination when person departs from this site. 1 - Home, 2 - Other
51. Destination Address	Alphanum. LJ	Destination address or cross streets.
52. Destination City	Alphanum. LJ	Destination city.
53. Destination State	Alphanum. LJ	Destination state.
54. Destination Zip	Numeric RJ	Destination zip code.
55. Destination County	Numeric RJ	Code indicating county of trip destination. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
56. Other Destination County	Alphanum. LJ	If county destination/location is coded as "other", this field contains the name of the county or location.
57. Destination Study Area	Alphanum. LJ	Code indicating study area of trip destination. Use ‘TA’ to indicate the Texarkana-Bowie/Miller County study area. If trip origin is outside the study area being surveyed but within Texas, this field should be coded ‘TX’. If location is outside Texas, ‘XX’ should be coded in this field.
58. Destination Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone where individual is going when they leave this location. Locations in Mexico should be coded 77777. Locations not in a study area county, but within Texas should be coded to the state zone system. Unknown zone numbers in the study area the work place is located should be coded as 88888. Unknown zone numbers not in the study area the work place is located but within Texas should be coded as 66666. Locations outside Texas and not in Mexico should be coded as 99999.
59. Destination Longitude	Numeric RJ	Longitude of destination location. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in study area the work place is located in, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
60. Destination Latitude	Numeric RJ	Latitude of destination location. If address is in Mexico, this should be coded 777.777777. If address is outside Texas and Mexico, this should be coded 999.999999. If unknown but in study area the work place is located in, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
61. Exit Facility	Alphanum. LJ	If destination is outside of the study area the work place is located in, this field should contain the name of the bridge, street, or highway used to leave the study area. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE).
62. Exit Study Area	Alphanum. LJ	If destination is outside of the study area, this field should contain a code indicating the study area where the bridge, street, or highway used to exit is located. Use ‘TA’ to indicate the Texarkana-Bowie/Miller County study area.
63. Exit External Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. If destination is outside the study area the work place is located in, this field should contain the external station number associated with the bridge, street, or highway used to exit the study area.
64. Travel to Austin - San Antonio	Numeric RJ	Code indicating frequency of travel to Austin - San Antonio. See options below.
65. Travel to Dallas - Ft. Worth	Numeric RJ	Code indicating frequency of travel to Dallas - Ft. Worth. See options below.
66. Travel to Houston	Numeric RJ	Code indicating frequency of travel to Houston. See options below.
67. Passenger Rail to Dallas - Ft. Worth, Austin - San Antonio or Houston	Numeric RJ	Code indicating whether respondent would use passenger rail service to Dallas - Ft. Worth, Austin - San Antonio or Houston. 1 - Yes, 2 - No, 3 - Possibly

Texarkana Non- Free Standing Work Place Intercept Survey, Form C Format – Continued.

MODE OF TRANSPORTATION CODES	FREQUENCY OF TRAVEL OPTIONS
1 - Driver (car/truck/van)	1 - Never
2 - Passenger (car/truck/van)	2 - 1 to 2 times per year
3 - Walk	3 - 1 to 2 times every 6 months
4 - Bicycle	4 - 1 to 2 times every 3 months
5 - Transit Bus	5 - 1 or more times every month
6 - School Bus	6 - 1 or more times every week
7 - Taxi/Limo	99 - Refused
8 - Commercial Cargo Transport Vehicle	
9 - Commercial Service Vehicle	
10 - Motorcycle	
96 - Other	
99 - Refused	

**Texarkana Work Place and Special Generator
Commercial Vehicle Driver Intercept Survey, Form D Format**

This file contains the travel data for commercial vehicles surveyed at work places and special generators, using Form D, Intercept Travel Survey, Record Type CV. The data are in an ASCII data file format.

<u>Item</u>	<u>Type</u>	<u>Description</u>
1. Record Type	Numeric RJ	Code which indicates the type of record, here it should be CV.
2. Month	Numeric RJ	Month workplace was surveyed.
3. Day	Numeric RJ	Day of the month workplace was surveyed.
4. Year	Numeric RJ	Year work place was surveyed.
5. Site Number	Numeric RJ	Non - zero number assigned to the workplace.
6. Interviewer	Alphanum. LJ	Name of person conducting survey interview.
7. Form Number	Numeric RJ	Number of survey form.
8. Truck Number	Numeric RJ	Truck number surveyed. This should correspond to the column number of the survey form used to collect the data.
9. Time Began	Numeric RJ	Time interview began. Military time
10. Time Ended	Numeric RJ	Time interview ended. Military time
11. Occupancy	Numeric RJ	Number of people in vehicle.
12. Vehicle Classification	Numeric RJ	Code indicating the classification of the vehicle. See below for code descriptions.
13. Other Classification	Alphanum. LJ	If vehicle classification is coded as "other", this field should contain the description recorded on the survey form for vehicle.
14. Type of Vehicle	Numeric RJ	Code indicating type of commercial vehicle. Use 1 for cargo transport vehicle and 2 for service vehicle (i.e. all others besides cargo transport).
15. Delivery Cargo	Numeric RJ	Cargo being delivered to work place. See code definitions below. If no cargo is being delivered, code 20 should be entered.
16. Unclassified Delivery Cargo	Alphanum. LJ	If delivery cargo is coded as unclassified (#19) in the previous field, this field should contain the name of the cargo being delivered.
17. Delivery Cargo Weight	Numeric RJ	Weight in pounds of cargo being delivered.
18. Pick - up Cargo	Numeric RJ	Cargo being picked up at work place. See code definitions below. If no cargo is being picked up, code 20 should be entered.
19. Unclassified Pick Up Cargo	Alphanum. LJ	If pick up cargo is coded as unclassified (#19) in the previous field, this field should contain the name of the cargo being picked up.
20. Pick Up Cargo Weight	Numeric RJ	Weight in pounds of cargo being picked up.
21. Trip Purpose	Numeric RJ	Purpose of trip. See code descriptions below.
22. Other Trip Purpose	Alphanum. LJ	If purpose is coded as "other", this contains description of the purpose.
23. Origin Type of Place	Numeric RJ	Code indicating type of place at origin of trip. See type of place codes below.
24. Other Origin Type of Place	Alphanum. LJ	If Origin Type of Place is coded as 96 - Other, this field contains a description of the type of place.
25. Origin Street Address	Alphanum. LJ	Street address of last place person got into vehicle before traveling to this workplace.
26. Origin City	Alphanum. LJ	Origin city.
27. Origin State	Alphanum. LJ	Origin state.
28. Origin Zip	Numeric RJ	Origin zip code.
29. County of Origin	Numeric RJ	Code indicating county where trip originated. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
30. Other Origin County	Alphanum. LJ	If county of origin is coded as "other", this field contains the name of the county or location.
31. Origin Study Area	Alphanum. LJ	Code indicating study area in which trip originated is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If trip origin is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.

Texarkana Work Place and Special Generator Commercial Vehicle Driver Intercept Survey, Form D Format – Continued.

<u>Item</u>	<u>Type</u>	<u>Description</u>
32. Origin Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone where trip originated. Locations in Mexico should be coded 77777. Locations outside of these study areas, but within Texas should be coded to the state zone system. Unknown zone numbers in the study area the work place is located should be coded as 88888. Unknown zone numbers outside of the study area the work place is located but within Texas should be coded as 66666. Locations outside Texas and not in Mexico should be coded as 99999.
33. Origin Longitude	Numeric RJ	Longitude of location trip originated from. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in study area, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
34. Origin Latitude	Numeric RJ	Latitude of location trip originated from. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in study area, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
35. Entry Facility	Alphanum. LJ	If origin is outside of the study area, this field should contain the name of the bridge, street, or highway used to enter the study area based on location being surveyed. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE).
36. Entry Study Area	Alphanum. LJ	If origin is outside of the study area, this field should contain a code indicating the study area where the bridge, street, or highway used to enter is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area.
37. Entry External Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. If origin is outside the study area, this field should contain the external station number associated with the bridge, street, or highway used to enter the study area.
38. Origin Purpose	Numeric RJ	Purpose for being at origin address where this trip originated. See code definitions below.
39. Other Origin Purpose	Alphanum. LJ	If the origin purpose is coded as "other", this is a description of that purpose.
40. Hour Departed	Numeric RJ	Hour vehicle departed from origin address. This time should be in military time.
41. Minute Departed	Numeric RJ	Minute vehicle departed from origin address.
42. Destination Type of Place	Numeric RJ	Type of place at destination. See type of place codes.
43. Other Destination Type of Place	Alphanum. LJ	If Destination Type of Place is coded as 96 - Other, this field contains a description of the type of place.
44. Destination Street Address	Alphanum. LJ	Street address of location vehicle will be going when it leaves this workplace.
45. Destination City	Alphanum. LJ	Destination city.
46. Destination State	Alphanum. LJ	Destination state.
47. Destination Zip	Numeric RJ	Destination zip code.
48. Destination County	Numeric RJ	Code indicating county where trip originated. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
49. Other Destination County	Alphanum. LJ	If county of destination is coded as "other", this field contains the name of the county or location.
50. Destination Study Area	Alphanum. LJ	Code indicating study area of trip destination. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If trip origin is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.
51. Destination Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone where individual is going when they leave this location. Locations in Mexico should be coded 77777. Locations not in a study area county, but within Texas should be coded to the state zone system. Unknown zone numbers in the study area the work place is located should be coded as 88888. Unknown zone numbers not in the study area the work place is located but within Texas should be coded as 66666. Locations outside Texas and not in Mexico should be coded as 99999.
52. Destination Longitude	Numeric RJ	Longitude of destination location. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in study area, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.

Texarkana Work Place and Special Generator Commercial Vehicle Driver Intercept Survey, Form D Format – Continued.

<u>Item</u>	<u>Type</u>	<u>Description</u>
53. Destination Latitude	Numeric RJ	Latitude of destination location. If address is in Mexico, this should be coded 777.777777. If address is outside Texas and Mexico, this should be coded 999.999999. If unknown but in study area, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
54. Exit Facility	Alphanum. LJ	If destination is outside the study area, this field should contain the name of the bridge, street, or highway used to leave the study area based on location being surveyed. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE).
55. Exit Study Area	Alphanum. LJ	If destination is outside of the study area, this field should contain a code indicating the study area where the bridge, street, or highway used to exit is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. Leave blank - to be completed by TxDOT or TTI. If destination is outside the study area, this field should contain the external station number associated with the bridge, street, or highway used to leave the study area.
56. Exit External Zone	Numeric RJ	Purpose for traveling to the next destination. See below for code definitions.
57. Destination Purpose	Numeric RJ	
58. Other Destination Purpose	Alphanum. LJ	If the destination purpose is coded as "other", this is a description of that purpose.

VEHICLE CLASSIFICATION CODES

TRIP PURPOSE - COMMERCIAL VEHICLE OPTIONS

1 - Passenger Car	1 - Base Location/ Return to Base Location
2 - Pick - up	2 - Vehicle Maintenance (fuel, oil, etc)
3 - Van (cargo or mini)	3 - Driver Needs (lunch, etc)
4 - Sport Utility Vehicle (SUV)	4 - Delivery of Cargo
5 - Single Unit 2 - axle (6 wheels)	5 - Pick up Cargo
6 - Single Unit 3 - axle (10 wheels)	6 - Deliver and Pick up Cargo
7 - Single Unit 4 - axle (14 wheels)	7 - Government Service
8 - Semi (tractor - trailer combination)	8 - Installation/Maintenance/Repair Service
96 - Other	9 - Sales/Professional Service
	96 - Other Cargo or Service Activity (specify)
	99 - Refused

TYPE OF PLACE CODES

VEHICLE CARGO CODES

1 - Office Building	1 - Farm Products	12 - Rubber, Plastic, and Styrofoam Products
2 - Retail/Shopping	2 - Forest Products	13 - Clay, Concrete, Glass, or Stone
3 - Industrial/Manufacturing	3 - Marine Products	14 - Manufactured Goods/Equip.
4 - Medical/Hospital	4 - Metals and Minerals	15 - Wastes
5 - Educational (12th grade or less)	5 - Food, Health, and Beauty Products	16 - Miscellaneous Shipments
6 - Educational (College, Trade, etc.)	6 - Tobacco Products	17 - Hazardous Materials
7 - Government Office/Building	7 - Textiles	18 - Transportation
8 - Residential	8 - Wood Products	19 - Empty
9 - Airport	9 - Printed Matter	20 - No cargo delivery/pick up
10 - Intermodal Facility	10 - Chemical Products	96 - Other - Unclassified Cargo
11 - Warehouse	11 - Refined Petroleum or Coal Products	98 - Unknown
12 - Distribution Center		
13 - Construction Site		
96 - Other (specify)		
99 - Refused		

Texarkana Work Place Survey, University/ College Special Generator Intercept Survey, Form B Format

This file contains the travel data for employees and visitors surveyed at the special generator using Form B, Intercept Travel Survey, University/College, Record Type SU. The data are in an ASCII data file format.

<u>Item</u>	<u>Type</u>	<u>Description</u>
1. Record Type	Alphanum. LJ	Code which indicates the type of record. Here it should be SU.
2. Month	Numeric RJ	Month workplace was surveyed.
3. Day	Numeric RJ	Day of the month workplace was surveyed.
4. Year	Numeric RJ	Year work place was surveyed.
5. Name of Generator	Alphanum. LJ	Name of special generator that was surveyed.
6. Campus Location	Alphanum. LJ	Location on campus where interviews are being conducted.
7. Site Number	Numeric RJ	Unique non - zero number assigned to the university where these interviews were conducted.
8. Form Number	Numeric RJ	Survey form number which contains raw survey data.
9. Person Number	Numeric RJ	Number of person being interviewed. This corresponds to the column number on the interview form.
10. Time Began	Numeric RJ	Time interview began. Military time
11. Time Ended	Numeric RJ	Time interview ended. Military time
12. Person Interviewed	Numeric RJ	Code indicating if person being interviewed is a student, employee or a visitor. 1 - Student, 2 - Employee, 3 - Visitor
13. Campus Resident	Numeric RJ	Code indicating if person lives on campus. 1 - Yes, 2 - No
14. Residence	Alphanum. LJ	Name of city, county or country (if not in U.S.) where person lives.
15. Residence Code	Numeric RJ	Code indicating if residence is located inside the study area that the special generator is located in. 1 - Yes, 2 - No, 98 - Unknown, 99 - Refused
16. Home Entry Facility	Alphanum. LJ	If person does not live in the study area the special generator is located in, this field should contain the name of the street/highway/bridge the person was on when they entered the study area. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE). If person stayed over night, this field should be blank. Note that airport is a valid entry.
17. Home Entry Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone number associated with the street/highway/bridge person was on when they entered the study area the work place is located. If person lives in study area, this field should be blank.
18. Home Address	Alphanum. LJ	Address where respondent lives. If person gives nearest intersecting streets, both street names are listed here.
19. Home City	Alphanum. LJ	City where respondent lives.
20. Home State	Alphanum. LJ	State where respondent lives.
21. Home Zip	Numeric RJ	Zip code where respondent lives.
22. Home County	Numeric RJ	Code indicating county where respondent's home is. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
23. Home - Other County	Alphanum. LJ	If county location is coded as other, this field should contain the name of the county where location is.
24. Home Study Area	Alphanum. LJ	Code indicating study area in which home address is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If home address is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.
25. Home Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone number of home address. If in the study area being surveyed but location unknown, it should be coded 88888. Locations in Mexico should be coded 77777 and addresses outside of the study area being surveyed, but within Texas should be coded using the Statewide Zone System. Unknown locations outside of the study area being surveyed but within the state of Texas should be coded 66666. Addresses outside of Texas and Mexico should be coded using 99999.

Texarkana University/College Special Generator Intercept Survey, Form B Format – Continued.

<u>Item</u>	<u>Type</u>	<u>Description</u>
26. Home Longitude	Numeric RJ	Longitude of home address. If within the study area being surveyed, but unknown it should be coded 888.888888. If outside the study area being surveyed but within Texas and unknown it should be coded as 666.666666. Locations in Mexico should be coded 777.777777 and addresses outside of Texas and Mexico should be coded 999.999999.
27. Home Latitude	Numeric RJ	Latitude of home address. If within the study area being surveyed, but unknown it should be coded 888.888888. If outside the study area being surveyed but within Texas and unknown it should be coded as 666.666666. Locations in Mexico should be coded 777.777777 and addresses outside of Texas and Mexico should be coded 999.999999.
28. Origin Code	Numeric RJ	Code indicating origin of trip. 1 - Home, 2 - Other
29. Origin Address	Alphanum. LJ	Origin address. If person gives nearest intersecting streets, both street names are listed here.
30. Origin City	Alphanum. LJ	Origin city.
31. Origin State	Alphanum. LJ	Origin state.
32. Origin Zip	Numeric RJ	Origin zip code.
33. Origin County	Numeric RJ	Code indicating county where trip originated. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
34. Other Origin County	Alphanum. LJ	If county origin/location is coded as "other", this field contains the name of the county or location.
35. Origin Study Area	Alphanum. LJ	Code indicating study area in which trip origin is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If trip origin is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.
36. Origin Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone where trip originated. Locations in Mexico should be coded 77777. Locations outside of these study areas, but within Texas should be coded to the state zone system. Unknown zone numbers in the study area the work place is located should be coded as 88888. Unknown zone numbers outside of the study area the work place is located but within Texas should be coded as 66666. Locations outside Texas and not in Mexico should be coded as 99999.
37. Origin Longitude	Numeric RJ	Longitude of location trip originated from. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in the study area the work place is located, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
38. Origin Latitude	Numeric RJ	Latitude of location trip originated from. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in the study area the work place is located in, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
39. Entry Facility	Alphanum. LJ	If origin is outside the study area the work place is located in, this field should contain the name of the bridge, street, or highway used to enter the study area. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE).
40. Entry Study Area	Alphanum. LJ	If origin is outside of the study area, this field should contain a code indicating the study area where the bridge, street, or highway used to enter is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area.
41. Entry External Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. If origin is outside the study area in which the work place is located, this field should contain the external station number associated with the bridge, street, or highway used to enter the study area.
42. Arrival Hour	Numeric RJ	Hour person arrived at this site. This hour should be in military time.
43. Arrival Minute	Numeric RJ	Minute person arrived at this site.
44. Arrival Mode	Numeric RJ	Code indicating mode of travel to this location. See definitions below.
45. Other Arrival Mode	Alphanum. LJ	If mode is coded "other", this field should contain a description of the mode.

Texarkana University/College Special Generator Intercept Survey, Form B Format – Continued.

<u>Item</u>	<u>Type</u>	<u>Description</u>
46. Number Persons	Numeric RJ	If car/truck/van, this is the number of persons in the vehicle including the person being interviewed. This field is blank for all other modes.
47. Fare	Numeric RJ	If mode of travel was bus, this is the fare paid in dollars and cents.
48. Park Location	Numeric RJ	Code indicating where person parked. See code definitions below.
49. Other Parking	Alphanum. LJ	If parking location is coded as other, this field contains description of where person parked.
50. Trip Purpose	Numeric RJ	Code indicating purpose of trip. See code definitions below.
51. Other Purpose	Alphanum. LJ	If purpose is coded as "other", this contains description of the purpose.
52. Departure Mode	Numeric RJ	Code indicating mode of departure from this site. See definitions below.
53. Departure Mode Other	Alphanum. LJ	If departure mode is coded "other", this field should contain a description of the mode.
54. Depart Destination	Numeric RJ	Code indicating destination when person departs from this site. 1 - Home, 2 - Other
55. Destination Address	Alphanum. LJ	Destination address or cross streets.
56. Destination City	Alphanum. LJ	Destination city.
57. Destination State	Alphanum. LJ	Destination state.
58. Destination Zip	Numeric RJ	Destination zip code.
59. Destination County	Numeric RJ	Code indicating county of trip destination. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
60. Other Destination County	Alphanum. LJ	If county destination/location is coded as "other", this field contains the name of the county or location.
61. Destination Study Area	Alphanum. LJ	Code indicating study area of trip destination. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If trip origin is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.
62. Destination Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone where individual is going when they leave this location. Locations in Mexico should be coded 77777. Locations not in a study area county, but within Texas should be coded to the state zone system. Unknown zone numbers in the study area the work place is located should be coded as 88888. Unknown zone numbers not in the study area the work place is located but within Texas should be coded as 66666. Locations outside Texas and not in Mexico should be coded as 99999.
63. Destination Longitude	Numeric RJ	Longitude of destination location. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in study area the work place is located in, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
64. Destination Latitude	Numeric RJ	Latitude of destination location. If address is in Mexico, this should be coded 777.777777. If address is outside Texas and Mexico, this should be coded 999.999999. If unknown but in study area the work place is located in, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
65. Exit Facility	Alphanum. LJ	If destination is outside of the study area the work place is located in, this field should contain the name of the bridge, street, or highway used to leave the study area. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE).
66. Exit Study Area	Alphanum. LJ	If destination is outside of the study area, this field should contain a code indicating the study area where the bridge, street, or highway used to exit is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area.
67. Exit External Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. If destination is outside the study area the work place is located in, this field should contain the external station number associated with the bridge, street, or highway used to exit the study area.
68. Travel to Austin - San Antonio	Numeric RJ	Code indicating frequency of travel to Austin - San Antonio. See options below.
69. Travel to Dallas - Ft. Worth	Numeric RJ	Code indicating frequency of travel to Dallas - Ft. Worth. See options below.
70. Travel to Houston	Numeric RJ	Code indicating frequency of travel to Houston. See options below.
71. Passenger Rail to Dallas - Ft. Worth, Austin - San Antonio or Houston	Numeric RJ	Code indicating whether respondent would use passenger rail service to Dallas - Ft. Worth, Austin - San Antonio or Houston. 1 - Yes, 2 - No, 3 - Possibly

Texarkana University/College Special Generator Intercept Survey, Form B Format – Continued.

MODE OF TRANSPORTATION CODES

- 1 - Driver (car/truck/van)
- 2 - Passenger (car/truck/van)
- 3 - Walk
- 4 - Bicycle
- 5 - Transit Bus
- 6 - School Bus
- 7 - Taxi/Limo
- 8 - Commercial Cargo Transport Vehicle
- 9 - Commercial Service Vehicle
- 10 - Motorcycle
- 96 - Other
- 99 - Refused

FREQUENCY OF TRAVEL OPTIONS

- 1 - Never
- 2 - 1 to 2 times per year
- 3 - 1 to 2 times every 6 months
- 4 - 1 to 2 times every 3 months
- 5 - 1 or more times every month
- 6 - 1 or more times every week
- 99 - Refused

PARK LOCATION CODES

- 1 - On - Campus
- 2 - Off Campus Parking Lot
- 3 - Off Campus in Street Designated Parking Spot
- 96 - Other
- 99 - Refused

Texarkana Mall/Shopping/Mixed Use Special Generator Intercept Survey, Form B Format

This file contains the travel data for employees and visitors surveyed at special generators using Form B, Intercept Travel Survey, Mall/Shopping Center/Mixed Use, Record Type SM. The data are in an ASCII data file format.

<u>Item</u>	<u>Type</u>	<u>Description</u>
1. Record Type	Alphanum. LJ	Code which indicates the type of record. Here it should be SM.
2. Month	Numeric RJ	Month workplace was surveyed.
3. Day	Numeric RJ	Day of the month workplace was surveyed.
4. Year	Numeric RJ	Year work place was surveyed.
5. Name of Generator	Alphanum. LJ	Name of special generator that was surveyed.
6. Location of Interview	Alphanum. LJ	Location in special generator where interviews were conducted.
7. Site Number	Numeric RJ	Unique non - zero number assigned to the establishment where these interviews were conducted.
8. Form Number	Numeric RJ	Survey form number which contains raw survey data.
9. Person Number	Numeric RJ	Number of person being interviewed. This corresponds to the column number on the interview form.
10. Time Began	Numeric RJ	Time interview began. Military time
11. Time Ended	Numeric RJ	Time interview ended. Military time
12. Person Interviewed	Numeric RJ	Code indicating if person being interviewed is an employee or a visitor. 1 - Employee, 2 - Visitor
13. Residence	Alphanum. LJ	Name of city, county or country (if not in U.S.) where person lives.
14. Residence Code	Numeric RJ	Code indicating if residence is located inside the study area that the special generator is located in. 1 - Yes, 2 - No, 98 - Unknown, 99 - Refused
15. Home Entry Facility	Alphanum. LJ	If person does not live in the study area the special generator is located in, this field should contain the name of the street/highway/bridge the person was on when they entered the study area. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE). If person stayed over night, this field should be blank. Note that airport is a valid entry.
16. Home Entry Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone number associated with the street/highway/bridge person was on when they entered the study area the work place is located. If person lives in study area, this field should be blank.
17. Home Address	Alphanum. LJ	Address where respondent lives. If person gives nearest intersecting streets, both street names are listed here.
18. Home City	Alphanum. LJ	City where respondent lives.
19. Home State	Alphanum. LJ	State where respondent lives.
20. Home Zip	Numeric RJ	Zip code where respondent lives.
21. Home County	Numeric RJ	Code indicating county where respondent's home is. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
22. Home - County Other	Alphanum. LJ	If county location is coded as other, this field should contain the name of the county where location is.
23. Home Study Area	Alphanum. LJ	Code indicating study area in which home address is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If home address is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.
24. Home Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone number of home address. If in the study area being surveyed but location unknown, it should be coded 88888. Locations in Mexico should be coded 77777 and addresses outside of the study area being surveyed, but within Texas should be coded using the Statewide Zone System. Unknown locations outside of the study area being surveyed but within the state of Texas should be coded 66666. Addresses outside of Texas and Mexico should be coded using 99999.

Texarkana Mall/Shopping/Mixed Use Special Generator Intercept Survey, Form B Format – Continued.

<u>Item</u>	<u>Type</u>	<u>Description</u>
25. Home Longitude	Numeric RJ	Longitude of home address. If within the study area being surveyed, but unknown it should be coded 888.888888. If outside the study area being surveyed but within Texas and unknown it should be coded as 666.666666. Locations in Mexico should be coded 777.777777 and addresses outside of Texas and Mexico should be coded 999.999999.
26. Home Latitude	Numeric RJ	Latitude of home address. If within the study area being surveyed, but unknown it should be coded 888.888888. If outside the study area being surveyed but within Texas and unknown it should be coded as 666.666666. Locations in Mexico should be coded 777.777777 and addresses outside of Texas and Mexico should be coded 999.999999.
27. Origin Code	Numeric RJ	Code indicating origin of trip. 1 - Home, 2 - Other
28. Origin Address	Alphanum. LJ	Origin address. If person gives nearest intersecting streets, both street names are listed here.
29. Origin City	Alphanum. LJ	Origin city.
30. Origin State	Alphanum. LJ	Origin state.
31. Origin Zip	Numeric RJ	Origin zip code.
32. Origin County	Numeric RJ	Code indicating county where trip originated. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
33. Other Origin County	Alphanum. LJ	If county origin/location is coded as "other", this field contains the name of the county or location.
34. Origin Study Area	Alphanum. LJ	Code indicating study area in which trip origin is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If trip origin is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.
35. Origin Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone where trip originated. Locations in Mexico should be coded 77777. Locations outside of these study areas, but within Texas should be coded to the state zone system. Unknown zone numbers in the study area the work place is located should be coded as 88888. Unknown zone numbers outside of the study area the work place is located but within Texas should be coded as 66666. Locations outside Texas and not in Mexico should be coded as 99999.
36. Origin Longitude	Numeric RJ	Longitude of location trip originated from. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in the study area the work place is located, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
37. Origin Latitude	Numeric RJ	Latitude of location trip originated from. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in the study area the work place is located in, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
38. Entry Facility	Alphanum. LJ	If origin is outside the study area the work place is located in, this field should contain the name of the bridge, street, or highway used to enter the study area. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE).
39. Entry Study Area	Alphanum. LJ	If origin is outside of the study area, this field should contain a code indicating the study area where the bridge, street, or highway used to enter is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area.
40. Entry External Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. If origin is outside the study area in which the work place is located, this field should contain the external station number associated with the bridge, street, or highway used to enter the study area.
41. Arrival Hour	Numeric RJ	Hour person arrived at this site. This hour should be in military time.
42. Arrival Minute	Numeric RJ	Minute person arrived at this site.
43. Arrival Mode	Numeric RJ	Code indicating mode of travel to this location. See definitions below.
44. Other Arrival Mode	Alphanum. LJ	If mode is coded "other", this field should contain a description of the mode.

Texarkana Mall/Shopping/Mixed Use Special Generator Intercept Survey, Form B Format – Continued.

<u>Item</u>	<u>Type</u>	<u>Description</u>
45. Number Persons	Numeric RJ	If car/truck/van, this is the number of persons in the vehicle including the person being interviewed. This field is blank for all other modes.
46. Fare	Numeric RJ	If mode of travel was bus, this is the fare paid in dollars and cents.
47. Trip Purpose	Numeric RJ	Code indicating purpose of trip. See code definitions below.
48. Other Purpose	Alphanum. LJ	If purpose is coded as "other", this contains description of the purpose.
49. Depart Destination	Numeric RJ	Code indicating destination when person departs from this site: 1 - Home, 2 - Other.
50. Destination Address	Alphanum. LJ	Destination address or cross streets.
51. Destination City	Alphanum. LJ	Destination city.
52. Destination State	Alphanum. LJ	Destination state.
53. Destination Zip	Numeric RJ	Destination zip code.
54. Destination County	Numeric RJ	Code indicating county of trip destination. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
55. Other Destination County	Alphanum. LJ	If county destination/location is coded as "other", this field contains the name of the county or location.
56. Destination Study Area	Alphanum. LJ	Code indicating study area of trip destination. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If trip origin is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.
57. Destination Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone where individual is going when they leave this location. Locations in Mexico should be coded 77777. Locations not in a study area county, but within Texas should be coded to the state zone system. Unknown zone numbers in the study area the work place is located should be coded as 88888. Unknown zone numbers not in the study area the work place is located but within Texas should be coded as 66666. Locations outside Texas and not in Mexico should be coded as 99999.
58. Destination Longitude	Numeric RJ	Longitude of destination location. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in study area the work place is located in, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
59. Destination Latitude	Numeric RJ	Latitude of destination location. If address is in Mexico, this should be coded 777.777777. If address is outside Texas and Mexico, this should be coded 999.999999. If unknown but in study area the work place is located in, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
60. Exit Facility	Alphanum. LJ	If destination is outside of the study area the work place is located in, this field should contain the name of the bridge, street, or highway used to leave the study area. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE).
61. Exit Study Area	Alphanum. LJ	If destination is outside of the study area, this field should contain a code indicating the study area where the bridge, street, or highway used to exit is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area.
62. Exit External Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. If destination is outside the study area the work place is located in, this field should contain the external station number associated with the bridge, street, or highway used to exit the study area.
63. Travel to Austin - San Antonio	Numeric RJ	Code indicating frequency of travel to Austin - San Antonio. See options below.
64. Travel to Dallas - Ft. Worth	Numeric RJ	Code indicating frequency of travel to Dallas - Ft. Worth. See options below.
65. Travel to Houston	Numeric RJ	Code indicating frequency of travel to Houston. See options below.
66. Passenger Rail to Dallas - Ft. Worth, Austin - San Antonio or Houston	Numeric RJ	Code indicating whether respondent would use passenger rail service to Dallas - Ft. Worth, Austin - San Antonio or Houston. 1 - Yes, 2 - No, 3 - Possibly

Texarkana Mall/Shopping/Mixed Use Special Generator Intercept Survey, Form B Format – Continued.

MODE OF TRANSPORTATION CODES

- 1 - Driver (car/truck/van)
- 2 - Passenger (car/truck/van)
- 3 - Walk
- 4 - Bicycle
- 5 - Transit Bus
- 6 - School Bus
- 7 - Taxi/Limo
- 8 - Commercial Cargo Transport Vehicle
- 9 - Commercial Service Vehicle
- 10 - Motorcycle
- 96 - Other
- 99 - Refused

FREQUENCY OF TRAVEL OPTIONS

- 1 - Never
- 2 - 1 to 2 times per year
- 3 - 1 to 2 times every 6 months
- 4 - 1 to 2 times every 3 months
- 5 - 1 or more times every month
- 6 - 1 or more times every week
- 99 - Refused

Texarkana Hospital/Medical Center Special Generator Intercept Survey, Form B Format

This file contains the travel data for employees and visitors surveyed at special generators using Form B, Intercept Travel Survey, Hospital/Medical Center, Record Type SH. The data are in an ASCII data file format.

<u>Item</u>	<u>Type</u>	<u>Description</u>
1. Record Type	Alphanum. LJ	Code which indicates the type of record. Here it should be SH.
2. Month	Numeric RJ	Month workplace was surveyed.
3. Day	Numeric RJ	Day of the month workplace was surveyed.
4. Year	Numeric RJ	Year work place was surveyed.
5. Name of Generator	Alphanum. LJ	Name of special generator that was surveyed.
6. Location of Interview	Alphanum. LJ	Location in special generator where interviews were conducted.
7. Site Number	Numeric RJ	Unique non - zero number assigned to the establishment where these interviews were conducted.
8. Form Number	Numeric RJ	Survey form number which contains raw survey data.
9. Person Number	Numeric RJ	Number of person being interviewed. This corresponds to the column number on the interview form.
10. Time Began	Numeric RJ	Time interview began. Military time
11. Time Ended	Numeric RJ	Time interview ended. Military time
12. Person Interviewed	Numeric RJ	Code indicating if person being interviewed is an employee or a visitor. 1 - Employee, 2 - Visitor
13. Residence	Alphanum. LJ	Name of city, county or country (if not in U.S.) where person lives.
14. Residence Code	Numeric RJ	Code indicating if residence is located inside the study area that the special generator is located in. 1 - Yes, 2 - No, 98 - Unknown, 99 - Refused
15. Home Entry Facility	Alphanum. LJ	If person does not live in the study area the special generator is located in, this field should contain the name of the street/highway/bridge the person was on when they entered the study area. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE). If person stayed over night, this field should be blank. Note that airport is a valid entry.
16. Home Entry Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone number associated with the street/highway/bridge person was on when they entered the study area the work place is located. If person lives in study area, this field should be blank.
17. Home Address	Alphanum. LJ	Address where respondent lives. If person gives nearest intersecting streets, both street names are listed here.
18. Home City	Alphanum. LJ	City where respondent lives.
19. Home State	Alphanum. LJ	State where respondent lives.
20. Home Zip	Numeric RJ	Zip code where respondent lives.
21. Home County	Numeric RJ	Code indicating county where respondent's home is. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
22. Home - Other County	Alphanum. LJ	If county location is coded as other, this field should contain the name of the county where location is.
23. Home Study Area	Alphanum. LJ	Code indicating study area in which home address is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If home address is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.
24. Home Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone number of home address. If in the study area being surveyed but location unknown, it should be coded 88888. Locations in Mexico should be coded 77777 and addresses outside of the study area being surveyed, but within Texas should be coded using the Statewide Zone System. Unknown locations outside of the study area being surveyed but within the state of Texas should be coded 66666. Addresses outside of Texas and Mexico should be coded using 99999.

Texarkana Hospital/Medical Center Special Generator Intercept Survey, Form B Format – Continued.

<u>Item</u>	<u>Type</u>	<u>Description</u>
25. Home Longitude	Numeric RJ	Longitude of home address. If within the study area being surveyed, but unknown it should be coded 888.888888. If outside the study area being surveyed but within Texas and unknown it should be coded as 666.666666. Locations in Mexico should be coded 777.777777 and addresses outside of Texas and Mexico should be coded 999.999999.
26. Home Latitude	Numeric RJ	Latitude of home address. If within the study area being surveyed, but unknown it should be coded 888.888888. If outside the study area being surveyed but within Texas and unknown it should be coded as 666.666666. Locations in Mexico should be coded 777.777777 and addresses outside of Texas and Mexico should be coded 999.999999.
27. Origin Code	Numeric RJ	Code indicating origin of trip. 1 - Home, 2 - Other
28. Origin Address	Alphanum. LJ	Origin address. If person gives nearest intersecting streets, both street names are listed here.
29. Origin City	Alphanum. LJ	Origin city.
30. Origin State	Alphanum. LJ	Origin state.
31. Origin Zip	Numeric RJ	Origin zip code.
32. Origin County	Numeric RJ	Code indicating county where trip originated. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
33. Other Origin County	Alphanum. LJ	If county origin/location is coded as "other", this field contains the name of the county or location.
34. Origin Study Area	Alphanum. LJ	Code indicating study area in which trip origin is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If trip origin is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.
35. Origin Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone where trip originated. Locations in Mexico should be coded 77777. Locations outside of these study areas, but within Texas should be coded to the state zone system. Unknown zone numbers in the study area the work place is located should be coded as 88888. Unknown zone numbers outside of the study area the work place is located but within Texas should be coded as 66666. Locations outside Texas and not in Mexico should be coded as 99999.
36. Origin Longitude	Numeric RJ	Longitude of location trip originated from. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in the study area the work place is located, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
37. Origin Latitude	Numeric RJ	Latitude of location trip originated from. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in the study area the work place is located in, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
38. Entry Facility	Alphanum. LJ	If origin is outside the study area the work place is located in, this field should contain the name of the bridge, street, or highway used to enter the study area. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE).
39. Entry Study Area	Alphanum. LJ	If origin is outside of the study area, this field should contain a code indicating the study area where the bridge, street, or highway used to enter is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area.
40. Entry External Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. If origin is outside the study area in which the work place is located, this field should contain the external station number associated with the bridge, street, or highway used to enter the study area.
41. Arrival Hour	Numeric RJ	Hour person arrived at this site. This hour should be in military time.
42. Arrival Minute	Numeric RJ	Minute person arrived at this site.
43. Arrival Mode	Numeric RJ	Code indicating mode of travel to this location. See definitions below.

Texarkana Hospital/Medical Center Special Generator Intercept Survey, Form B Format – Continued.

<u>Item</u>	<u>Type</u>	<u>Description</u>
44. Other Arrival Mode	Alphanum. LJ	If mode is coded "other", this field should contain a description of the mode.
45. Number Persons	Numeric RJ	If car/truck/van, this is the number of persons in the vehicle including the person being interviewed. This field is blank for all other modes.
46. Fare	Numeric RJ	If mode of travel was bus, this is the fare paid in dollars and cents.
47. Trip Purpose	Numeric RJ	Code indicating purpose of trip. See code definitions below.
48. Other Purpose	Alphanum. LJ	If purpose is coded as "other", this contains description of the purpose.
49. Depart Destination	Numeric RJ	Code indicating destination when person departs from this site. 1 - Home, 2 - Other
50. Destination Address	Alphanum. LJ	Destination address or cross streets.
51. Destination City	Alphanum. LJ	Destination city.
52. Destination State	Alphanum. LJ	Destination state.
53. Destination Zip	Numeric RJ	Destination zip code.
54. Destination County	Numeric RJ	Code indicating county of trip destination. 1 - Bowie County, 2 - Miller County, 96 - Other (enter name of county in next field), 98 - Unknown, 99 - Refused
55. Other Destination County	Alphanum. LJ	If county destination/location is coded as "other", this field contains the name of the county or location.
56. Destination Study Area	Alphanum. LJ	Code indicating study area of trip destination. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area. If trip origin is outside the study area being surveyed but within Texas, this field should be coded 'TX'. If location is outside Texas, 'XX' should be coded in this field.
57. Destination Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. Zone where individual is going when they leave this location. Locations in Mexico should be coded 77777. Locations not in a study area county, but within Texas should be coded to the state zone system. Unknown zone numbers in the study area the work place is located should be coded as 88888. Unknown zone numbers not in the study area the work place is located but within Texas should be coded as 66666. Locations outside Texas and not in Mexico should be coded as 99999.
58. Destination Longitude	Numeric RJ	Longitude of destination location. If location is in Mexico, this should be coded 777.777777. If location is outside Texas and Mexico, this should be coded 999.999999. If unknown but in study area the work place is located in, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
59. Destination Latitude	Numeric RJ	Latitude of destination location. If address is in Mexico, this should be coded 777.777777. If address is outside Texas and Mexico, this should be coded 999.999999. If unknown but in study area the work place is located in, it should be coded 888.888888. If unknown but in Texas, it should be coded as 666.666666.
60. Exit Facility	Alphanum. LJ	If destination is outside of the study area the work place is located in, this field should contain the name of the bridge, street, or highway used to leave the study area. After the facility name, please indicate the side of the study area that the facility is on (N,S,E,W,NE,SE,SW,NE).
61. Exit Study Area	Alphanum. LJ	If destination is outside of the study area, this field should contain a code indicating the study area where the bridge, street, or highway used to exit is located. Use 'TA' to indicate the Texarkana-Bowie/Miller County study area.
62. Exit External Zone	Numeric RJ	Leave blank - to be completed by TxDOT or TTI. If destination is outside the study area the work place is located in, this field should contain the external station number associated with the bridge, street, or highway used to exit the study area.
63. Travel to Austin - San Antonio	Numeric RJ	Code indicating frequency of travel to Austin - San Antonio. See options below.
64. Travel to Dallas - Ft. Worth	Numeric RJ	Code indicating frequency of travel to Dallas - Ft. Worth. See options below.
65. Travel to Houston	Numeric RJ	Code indicating frequency of travel to Houston. See options below.
66. Passenger Rail to Dallas - Ft. Worth, Austin - San Antonio or Houston	Numeric RJ	Code indicating whether respondent would use passenger rail service to Dallas - Ft. Worth, Austin - San Antonio or Houston. 1 - Yes, 2 - No, 3 - Possibly

Texarkana Hospital/Medical Center Special Generator Intercept Survey, Form B Format – Continued.

MODE OF TRANSPORTATION CODES	FREQUENCY OF TRAVEL OPTIONS
1 - Driver (car/truck/van)	1 - Never
2 - Passenger (car/truck/van)	2 - 1 to 2 times per year
3 - Walk	3 - 1 to 2 times every 6 months
4 - Bicycle	4 - 1 to 2 times every 3 months
5 - Transit Bus	5 - 1 or more times every month
6 - School Bus	6 - 1 or more times every week
7 - Taxi/Limo	99 - Refused
8 - Commercial Cargo Transport Vehicle	
9 - Commercial Service Vehicle	
10 - Motorcycle	
96 - Other	
99 - Refused	