



# Texarkana Commercial Vehicle Travel Survey

Final Report

March 2014

Prepared for:

**Texas Department of Transportation**

**Copyright © 2014 by Alliance Transportation Group, Inc.**

*All rights reserved.*

This book or any portion thereof may not be reproduced or used in any manner whatsoever, including but not limited to digital formats, mechanical means, information storage and retrieval systems, without the express written permission of the publisher except for the use of brief quotations in a book review.

The information in this document may be confidential and/or privileged. This report is intended to be reviewed by only the individual or organization named on the cover of this report. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this electronic mail and its attachments, if any, or the information contained herein is prohibited.

Printed in the United States of America

First Printing, 2014

**Alliance Transportation Group, Inc.**  
11500 Metric Boulevard, Building M-1, Suite 150  
Austin, Texas 78758  
Phone: 512.821.2081  
Fax: 512.821.2085  
info@emailatg.com

**[www.alliance-transportation.com](http://www.alliance-transportation.com)**

# CONTENTS

---

<b>COMMERCIAL VEHICLE TRAVEL SURVEY</b>	<b>1</b>
Introduction	1
Project Commencement	1
Task A: Survey Selection, Sample, and Recruitment	2
Task B: Pilot Survey	2
Pilot Survey Methodology	2
Pilot Survey Results	2
Pilot Survey Conclusions	3
Task C: Coordinate and Conduct Surveys	3
Task D: Verify, Edit, Process, and Geocode Survey Data	3
Task E: Survey Documentation and Reporting	4

# LIST OF TABLES

Table 1: Surveys Collected.....3

# APPENDICES

APPENDIX A | Survey Instruments.....A  
APPENDIX B | List of Surveyed Businesses.....B



# COMMERCIAL VEHICLE TRAVEL SURVEY

## Introduction

As a result of ongoing efforts, the Texas Department of Transportation (TxDOT), in cooperation with local Metropolitan Planning Organizations (MPOs), is updating travel parameters for urban areas within the State of Texas. A Commercial Vehicle Travel Survey is one of the component surveys necessary to update the basic travel information for developing and calibrating the trip generation and distribution models used for transportation planning in the Texarkana urban study area.

The purpose of the Texarkana Commercial Vehicle Travel Survey is to provide data that will enable TxDOT to forecast vehicle travel demand within the urban area. These forecasts will be based in part on the following information being collected during the Commercial Vehicle Survey:

- ▶ Commercial vehicles classified by weight, size, and configuration;
- ▶ Trips per commercial vehicle by classification over a 24-hour period;
- ▶ Geocoded trip origins and destinations;
- ▶ Time of day of travel; and
- ▶ Cargo.

The Texarkana study area consists of Bowie County, Texas and Miller County, Arkansas.

## Project Commencement

TxDOT identified the Texarkana area to update commercial vehicle travel data. Alliance Transportation Group, Inc. (Alliance) was selected to perform this data collection effort. A survey implementation plan was developed and provided to TxDOT and the Texas Transportation Institute (TTI) in April 2013. The plan was reviewed and approved and survey preparation activities began.

## Task A: Survey Selection, Sample, and Recruitment

A database containing business listings for Bowie County Texas and Miller County Arkansas was purchased from InfoUSA and provided to TTI which assigned the appropriate business category to each record and randomized the database for recruitment. The randomized database was returned to Alliance where it was loaded into a computer interface in the desired random order for use in contacting candidate companies and individuals. Two issues impacted the recruitment process: verification of phone numbers and business closures.

Even though the InfoUSA data contained phone numbers, not all numbers were current or active. The business listings in the database did not always reflect the actual public company name and in some cases there were duplicated entries where the same company at the same address was listed under two different business names.

The second issue was a reflection of economic instability. While the InfoUSA database was supposedly current, there were still a number of businesses which had closed, changed names, or relocated in the period between the update of the database and the start of recruitment in 2013. In some cases recruiters were even informed that the company listed had been out of business for years and the number called was now a residential number or a different business that had been using that number for many years.

## Task B: Pilot Survey

Alliance began by conducting a pilot survey as specified in the Bid Specification document. The following describes the Pilot Survey conducted in the Texarkana area during May 2013.

### Pilot Survey Methodology

Following the approval of the implementation plan, Alliance began preparing to recruit for the Pilot Survey. Since there was adequate time remaining in the Spring 2013 data collection season, the Pilot Survey was scheduled for May 2013. Alliance conducted the following activities during April through May 2013:

- ▶ Loaded the randomized business database into the recruitment interface.
- ▶ Called firms listed in the database to obtain contact person information.
- ▶ Reproduced survey forms.

The TxDOT Bid Specification called for a Pilot Study consisting of a survey of 25 commercial vehicles. A target recruitment of 30 commercial vehicles was established for the pilot study.

Alliance conducted recruitment for the Texarkana area during May 2013. Response to recruitment was very positive. Alliance recruited and received participation agreement over a two day period for 29 commercial vehicles to complete travel logs for the Pilot Survey.

### Pilot Survey Results

Alliance collected 25 usable commercial vehicle surveys from 11 businesses for inclusion in the Pilot Study data. Based on the participation rate experienced during the Pilot Study, the over-sample rate was established at 10%. A target number of 330 commercial vehicles (165 cargo and 165 service) was established.

## Pilot Survey Conclusions

The purpose of the Pilot Survey was to test the survey instrument and data collection procedures. No changes were made to the survey instrument between the Pilot Survey and the Primary Survey.

## Task C: Coordinate and Conduct Surveys

The primary survey was conducted in the same manner as the pilot survey. Recruitment for the primary survey began in August 2013. During recruitment, a contact person was identified at each agency or company. Survey packets were delivered to contact personnel at individual homes, businesses, and companies. Survey packet materials are provided in **Appendix A**. Survey personnel then made calls to confirm completion of the survey materials and arranged for the return of the survey packets. Recruitment of Cargo vehicles was more difficult than Service vehicles which was consistent with the typical experience from previous survey efforts in other areas. The greatest challenge during the data collection effort was the constant shortfall of vehicle participation promised to actual participation. The process of recruiting replacement vehicles/businesses as participating businesses dropped out or returned fewer vehicle surveys than promised, resulted in the final 18 cargo vehicles not traveling until the beginning of the Spring 2014 data collection season.

In total, Alliance collected 313 usable surveys combined from 132 participating workplaces as shown in **Table 1**. Although all surveys were provided to TxDOT, only 150 Cargo and 150 Service were submitted toward the bid specification requirements. The difference between "Total Trips" and "Travel Log Trips" is due to the fact that only the first 19 stops were recorded to the travel log for each vehicle - four vehicles had more than 19 stops. A complete list of surveys collected by site is provided in **Appendix B**.

**Table 1: Surveys Collected**

Vehicle Type	Usable Surveys Collected	Total Trips	Travel Log Trips	Zero Trip Vehicles
Cargo	154	954	932	10
Service	145	806	784	6
Service with Cargo	14	102	102	0
Grand Total	313	1,862	1,818	16

## Task D: Verify, Edit, Process, and Geocode Survey Data

Prior to survey data editing, TTI delivered the Excel Edit Check Templates to Alliance. Edit checks were incorporated into Alliance's survey data entry interface. Once data entry was completed, the database was checked for completeness and additional data checks were performed.

The geocoding was performed using a Geographic Information System (GIS) in latitude and longitude format. The bid specification required that 90% be geocoded to latitude and longitude. Alliance provided geocoded data which exceeded the minimum levels specified in the bid.



## **Task E: Survey Documentation and Reporting**

As required in the Bid Document, this report documents all activities necessary to complete this workplace survey effort. The major challenge encountered during this project was completion of specific data elements by the respondents. This was addressed through diligent survey review and follow-up calls to retrieve missing information.



# APPENDIX A | Survey Instruments

---



August 1, 2013

Dear Participant:

The Texas Department of Transportation (TxDOT) is conducting a Commercial Vehicle Travel Survey (CVS) to study the levels and impacts of travel on roads and highways throughout Bowie and Miller Counties. This study will be used to update information for the Texarkana MPO study area which includes both Bowie County Texas and Miller County Arkansas.

Good information on daily travel patterns helps transportation planners and public officials make better use of scarce resources and develop strategies for wise transportation investments. Your participation is important to meet these goals.

The Texas Department of Transportation (TxDOT) has hired Alliance Transportation Group to conduct this important study. **The information provided will only be used in combination with data from other participants, and will be used for research purposes only.** The survey involves completing a travel log for your company vehicle(s) for **one** day of travel.

Participation is voluntary, but is highly encouraged and would be greatly appreciated. Your help is important because the results of this work will be used in planning and prioritizing transportation improvement projects to improve local mobility.

We appreciate your taking the time to help with this very important study. If you have any comments or concerns about the study, please call Trey Gamble of Alliance Transportation Group at (888) 859-0487, the Atlanta District TxDOT Office, or the Texarkana MPO:

Marcus Sandifer  
TxDOT Atlanta District PIO  
(903) 799-1306  
Marcus.Sandifer@txdot.gov

Roger Burtchell  
Texarkana MPO  
(903) 798-3927  
Burtchell@txkusa.org

Sincerely,

A handwritten signature in black ink, appearing to read "Trey Gamble", is written over a white background.

Trey Gamble, P.E.  
Senior Transportation Engineer  
Alliance Transportation Group, Inc.  
(512) 821-2081  
(888) 859-0487  
tgamble@emailatg.com



**Commercial Vehicle Survey Instrument – English Instructions**

**COMMERCIAL VEHICLE SURVEY INSTRUCTIONS**

Thank you for participating in this important effort. Your information will help local and state officials make decisions to improve future transportation.

If you have any questions after you review this package, one of our survey specialists will be available to help. Questions about how to answer a specific question on the travel log during your travel day can be answered by calling toll free: 888-859-0487

---

Instructions for completing the survey:

1. Read the form entitled “Part 2: Trip Information” and call us if you need any clarification or have any questions.
2. Please keep all of the survey information for your vehicle together:
  - a. Commercial Vehicle Survey Part 1: Vehicle Information
  - b. Commercial Vehicle Survey Part 2: Trip Information
  - c. Commercial Vehicle Survey Map (if provided)
  - d. Commercial Vehicle Survey Instructions
3. Fill out the sheet entitled:  
COMMERCIAL VEHICLE SURVEY  
PART 1: VEHICLE INFORMATION
4. Fill out the top of the sheet titled:  
COMMERCIAL VEHICLE SURVEY  
PART 2: TRIP INFORMATION
5. As you make each stop, fill out a numbered section about that trip. Please, include any personal stops for lunch, restroom or other reasons. If you have more than 19 stops, indicate the number of additional stops at the bottom of the last page. At the end of the day, be sure to fill out the total number of stops at the end of PART 1 of the survey.
6. If a map has been provided, at each stop draw a point on the COMMERCIAL VEHICLE SURVEY MAP showing where the stop was made and put a number next to the point that corresponds to the number of the location in “Part 2: Trip Information”.
7. Turn in all sheets from the survey packet at the end of the day. An employee from Alliance will contact you the day after your assigned travel day to arrange the return of the packets.

Record 20

**COMMERCIAL VEHICLE SURVEY  
PART 1: VEHICLE INFORMATION**

(Please fill out this form, even if the information requested has been provided elsewhere.)

<b>Official Use</b>	Company ID #: _____	Vehicle ID #: _____	NAICS Code: _____
---------------------	---------------------	---------------------	-------------------

Travel Day: \_\_\_\_\_  
Month / Day / Year

Vehicle License Plate #: \_\_\_\_\_

Company or Name of Owner (name on registration):

\_\_\_\_\_

Company Address:

\_\_\_\_\_

(Street Address or Names of Nearest Intersecting Streets)

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Company - Type of Place (see options below): \_\_\_\_\_

Vehicle Info: Make: \_\_\_\_\_ Model: \_\_\_\_\_ Year: \_\_\_\_\_

- Vehicle Type (Primary Use) 1)  Cargo / Freight Transport Vehicle  
 2)  Service Vehicle (vehicle used PRIMARILY for non-cargo transport purposes)  
 3)  Cargo Delivery and Commercial Service Vehicle

- Vehicle Fuel: 1)  Unleaded Gas 2)  Diesel 3)  Propane 4)  Natural Gas  
 5)  Electric 6)  Gas/Electric Hybrid 96)  Other (specify) \_\_\_\_\_

- Vehicle Classification:
- |                                                         |                                                                     |
|---------------------------------------------------------|---------------------------------------------------------------------|
| 1) <input type="checkbox"/> Passenger Car               | 5) <input type="checkbox"/> Single Unit 2-axle (6 wheels)           |
| 2) <input type="checkbox"/> Pick-up                     | 6) <input type="checkbox"/> Single Unit 3-axle (10 wheels)          |
| 3) <input type="checkbox"/> Van (Cargo or Minivan)      | 7) <input type="checkbox"/> Single Unit 4-axle (14 wheels)          |
| 4) <input type="checkbox"/> Sport Utility Vehicle (SUV) | 8) <input type="checkbox"/> Semi (all Tractor-Trailer combinations) |
|                                                         | 96) <input type="checkbox"/> Other _____                            |

Gross Vehicle Weight (including trailer): \_\_\_\_\_ pounds

Odometer Reading at beginning of travel day: \_\_\_\_\_ Total Number of Stops on travel day: \_\_\_\_\_

PLACE OPTIONS		
(1) Office Building (Non-Government)	(6) Education (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) Education (12 <sup>th</sup> grade or less)	(10) Intermodal Facility	

**COMMERCIAL VEHICLE SURVEY  
PART 2: TRIP INFORMATION**

Vehicle Plate #: \_\_\_\_\_

The place my travel began today was:

Work / Base Location (Company address)  Other Location (Please describe): \_\_\_\_\_

Type of Place (Specify Type of Place 1-13 or 96 using the Place options below): \_\_\_\_\_

\_\_\_\_\_  
(Street Address or Names of Nearest Intersecting Streets) TRAVEL DATE: \_\_\_\_\_  
Month / Day / Year

\_\_\_\_\_  
(City, State, Zip Code) DEPARTURE TIME: \_\_\_\_\_ am/pm

When you left the above location was your vehicle:  Fully Loaded  Partially Loaded  Empty  Not Applicable (Service Vehicle)

If loaded, what is the total weight in pounds of the cargo being transported? (Please provide an estimate if unsure of exact weight): \_\_\_\_\_ pounds

**RECORD EVERY PLACE YOU GO, INCLUDING BRIEF STOPS**

	Record the following information about each place. Location: Address including City, State, and Zip Code or Names of Nearest Intersecting Streets or Landmark	Is this the Work/Base Location for this vehicle? <input type="checkbox"/> - Yes <input type="checkbox"/> - No	What Type of Place is this? (See Place Options below)	What Time did you Arrive and Depart this location? (Record exact times)	What Activity are you doing at this location? (See Activity Options below)	If transporting cargo, what is the Cargo? (If HAZMAT also enter Placard #)	If transporting cargo, enter Cargo Weight (Pounds)
<b>PLACE 1</b>		<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			_____ Delivered _____ Picked Up
<b>PLACE 2</b>		<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			_____ Delivered _____ Picked Up
<b>PLACE 3</b>		<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			_____ Delivered _____ Picked Up

PLACE OPTIONS			ACTIVITY OPTIONS		
(1) Office Building (Non Government)	(6) Education (college, trade, etc)	(11) Warehouse	(1) Base Location / Return to Base Location	(4) Deliver Cargo	(7) Government Related Service
(2) Retail / Shopping	(7) Government Office / Building	(12) Distribution Center	(2) Vehicle Maintenance (fuel, oil, etc)	(5) Pick up Cargo	(8) Installation / Maintenance / Repair Service
(3) Industrial / Manufacturing	(8) Residential	(13) Construction Site	(3) Driver Needs (lunch, restroom, etc)	(6) Deliver and Pick up Cargo	(9) Sales / Professional Service
(4) Medical / Hospital	(9) Airport	(96) Other (specify)			(96) Other Activity (specify)
(5) Education (12 <sup>th</sup> grade or less)	(10) Intermodal Facility				

Record 21

**Commercial Vehicle Survey – Trip Information**  
(continued)

Vehicle Plate #: \_\_\_\_\_

PLACE 4  
PLACE 5  
PLACE 6  
PLACE 7  
PLACE 8  
PLACE 9

Record the following information about each place. Location: Address including City, State, and Zip Code or Names of Nearest Intersecting Streets or Landmark	Is this the Work/Base Location for this vehicle?	What Type of Place is this? (See Place Options below)	What Time did you Arrive and Depart this location? (Record exact times)	What Activity are you doing at this location? (See Activity Options below)	If transporting cargo, what is the Cargo? (If HAZMAT also enter Placard #)	If transporting cargo, enter Cargo Weight (Pounds)
	<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			_____ Delivered _____ Picked Up
	<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			_____ Delivered _____ Picked Up
	<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			_____ Delivered _____ Picked Up
	<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			_____ Delivered _____ Picked Up
	<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			_____ Delivered _____ Picked Up
	<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			_____ Delivered _____ Picked Up
	<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			_____ Delivered _____ Picked Up

PLACE OPTIONS			ACTIVITY OPTIONS		
(1) Office Building (Non Government)	(6) Education (college, trade, etc)	(11) Warehouse	(1) Base Location / Return to Base Location	(4) Deliver Cargo	(7) Government Related Service
(2) Retail / Shopping	(7) Government Office / Building	(12) Distribution Center	(2) Vehicle Maintenance (fuel, oil, etc)	(5) Pick up Cargo	(8) Installation / Maintenance / Repair Service
(3) Industrial / Manufacturing	(8) Residential	(13) Construction Site	(3) Driver Needs (lunch, restroom, etc)	(6) Deliver and Pick up Cargo	(9) Sales / Professional Service
(4) Medical / Hospital	(9) Airport	(96) Other (specify)			(96) Other Activity (specify)
(5) Education (12 <sup>th</sup> grade or less)	(10) Intermodal Facility				

**Commercial Vehicle Survey – Trip Information**  
(continued)

Vehicle Plate #: \_\_\_\_\_

PLACE 10  
PLACE 11  
PLACE 12  
PLACE 13  
PLACE 14

Record the following information about each place. Location: Address including City, State, and Zip Code or Names of Nearest Intersecting Streets or Landmark	Is this the Work/Base Location for this vehicle?	What Type of Place is this? (See Place Options below)	What Time did you Arrive and Depart this location? (Record exact times)	What Activity are you doing at this location? (See Activity Options below)	If transporting cargo, what is the Cargo? (If HAZMAT also enter Placard #)	If transporting cargo, enter Cargo Weight (Pounds)
	<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			Delivered Picked Up
	<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			Delivered Picked Up
	<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			Delivered Picked Up
	<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			Delivered Picked Up
	<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			Delivered Picked Up

PLACE OPTIONS			ACTIVITY OPTIONS		
(1) Office Building (Non Government)	(6) Education (college, trade, etc)	(11) Warehouse	(1) Base Location / Return to Base Location	(4) Deliver Cargo	(7) Government Related Service
(2) Retail / Shopping	(7) Government Office / Building	(12) Distribution Center	(2) Vehicle Maintenance (fuel, oil, etc)	(5) Pick up Cargo	(8) Installation / Maintenance / Repair Service
(3) Industrial / Manufacturing	(8) Residential	(13) Construction Site	(3) Driver Needs (lunch, restroom, etc)	(6) Deliver and Pick up Cargo	(9) Sales / Professional Service
(4) Medical / Hospital	(9) Airport	(96) Other (specify)			(96) Other Activity (specify)
(5) Education (12 <sup>th</sup> grade or less)	(10) Intermodal Facility				

**Commercial Vehicle Survey – Trip Information**  
(continued)

Vehicle Plate #: \_\_\_\_\_

	Record the following information about each place.  Location: Address including City, State, and Zip Code or Names of Nearest Intersecting Streets or Landmark	Is this the Work/Base Location for this vehicle?  <input type="checkbox"/> - Yes <input type="checkbox"/> - No	What Type of Place is this? (See Place Options below)	What Time did you Arrive and Depart this location? (Record exact times)	What Activity are you doing at this location? (See Activity Options below)	If transporting cargo, what is the Cargo? (If HAZMAT also enter Placard #)	If transporting cargo, enter Cargo Weight (Pounds)
PLACE 15		<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			Delivered Picked Up
PLACE 16		<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			Delivered Picked Up
PLACE 17		<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			Delivered Picked Up
PLACE 18		<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			Delivered Picked Up
PLACE 19		<input type="checkbox"/> - Yes <input type="checkbox"/> - No		Arrive: _____ am/pm Depart: _____ am/pm			Delivered Picked Up

PLACE OPTIONS			ACTIVITY OPTIONS		
(1) Office Building (Non Government)	(6) Education (college, trade, etc)	(11) Warehouse	(1) Base Location / Return to Base Location	(4) Deliver Cargo	(7) Government Related Service
(2) Retail / Shopping	(7) Government Office / Building	(12) Distribution Center	(2) Vehicle Maintenance (fuel, oil, etc)	(5) Pick up Cargo	(8) Installation / Maintenance / Repair Service
(3) Industrial / Manufacturing	(8) Residential	(13) Construction Site	(3) Driver Needs (lunch, restroom, etc)	(6) Deliver and Pick up Cargo	(9) Sales / Professional Service
(4) Medical / Hospital	(9) Airport	(96) Other (specify)			(96) Other Activity (specify)
(5) Education (12 <sup>th</sup> grade or less)	(10) Intermodal Facility				



# **APPENDIX B | List of Surveyed Businesses**

---

Company ID	Cargo	Service	Service with Cargo	Total Vehicles	Zero Trip Vehicles	Total Trips	Trips per Vehicle	Trips per Traveling Vehicle
42		1		1		4	4.0	4.0
43			1	1		3	3.0	3.0
59		5		5		28	5.6	5.6
73	2			2	1	1	0.5	1.0
82		1		1		2	2.0	2.0
150			1	1		6	6.0	6.0
211		2		2		8	4.0	4.0
241		1		1		7	7.0	7.0
295		1		1		28	28.0	28.0
407		3		3		9	3.0	3.0
500		2		2		7	3.5	3.5
538		1		1		2	2.0	2.0
543		1		1		7	7.0	7.0
554		4	1	5		23	4.6	4.6
575		1		1		4	4.0	4.0
630		1		1		32	32.0	32.0
639		3		3		16	5.3	5.3
661		6	1	7		35	5.0	5.0
721			2	2		10	5.0	5.0
730		2		2		6	3.0	3.0
792	1			1		3	3.0	3.0
847	1			1		5	5.0	5.0
973		2		2		10	5.0	5.0
1071		4		4		40	10.0	10.0
1096	2	3		5		25	5.0	5.0
1142	3			3		20	6.7	6.7
1165		1		1		6	6.0	6.0
1229	5			5		32	6.4	6.4
1279	1			1		3	3.0	3.0
1313	1			1		3	3.0	3.0
1366	1			1		6	6.0	6.0
1464		1		1		8	8.0	8.0
1507		3	1	4		34	8.5	8.5
1590	1			1		2	2.0	2.0
1602	4			4		27	6.8	6.8
1640			1	1		5	5.0	5.0
1651		4		4		16	4.0	4.0
1663	5			5		24	4.8	4.8
1707		3		3		14	4.7	4.7

Company ID	Cargo	Service	Service with Cargo	Total Vehicles	Zero Trip Vehicles	Total Trips	Trips per Vehicle	Trips per Traveling Vehicle
1720		1		1		8	8.0	8.0
1753		5		5		29	5.8	5.8
1828	5			5		50	10.0	10.0
1831		2	1	3	1	8	2.7	4.0
1875		5		5		21	4.2	4.2
1909		1		1	1	0	0.0	
1915	1			1		3	3.0	3.0
1932	5			5		37	7.4	7.4
1997		1		1	1	0	0.0	
2040		1		1		10	10.0	10.0
2088	1			1		2	2.0	2.0
2097		4		4	1	20	5.0	6.7
2101	3			3		26	8.7	8.7
2115		3		3		23	7.7	7.7
2180		1		1		5	5.0	5.0
2185	1			1		8	8.0	8.0
2273	2			2	1	3	1.5	3.0
2361		1		1		8	8.0	8.0
2387	2			2		14	7.0	7.0
2408		5		5		15	3.0	3.0
2422	1			1		5	5.0	5.0
2431		1		1		2	2.0	2.0
2463		1		1		2	2.0	2.0
2525	5			5		43	8.6	8.6
2541		1		1		3	3.0	3.0
2616		5		5		26	5.2	5.2
2717		1	1	2		11	5.5	5.5
2769	2			2		9	4.5	4.5
2900	5			5		24	4.8	4.8
2923	1			1		6	6.0	6.0
2944		4		4		26	6.5	6.5
2948		2		2	1	7	3.5	7.0
3086			1	1		7	7.0	7.0
3179		1		1		2	2.0	2.0
3203		1		1		5	5.0	5.0
3224	2			2		11	5.5	5.5
3227		1		1		3	3.0	3.0
3236		5		5		40	8.0	8.0
3321		2		2		9	4.5	4.5

Company ID	Cargo	Service	Service with Cargo	Total Vehicles	Zero Trip Vehicles	Total Trips	Trips per Vehicle	Trips per Traveling Vehicle
3339		1		1		2	2.0	2.0
3366		2		2		17	8.5	8.5
3394		1		1		2	2.0	2.0
3417	1			1		3	3.0	3.0
3419	2			2	1	5	2.5	5.0
3549	4			4	2	5	1.3	2.5
3596	1			1		2	2.0	2.0
3642	1			1		6	6.0	6.0
3720	1			1		3	3.0	3.0
3730	1			1	1	0	0.0	
3732	1			1		10	10.0	10.0
3778			1	1		8	8.0	8.0
3824		1		1		7	7.0	7.0
4005	3	2		5	2	21	4.2	7.0
4008	1			1		2	2.0	2.0
4110	1			1		5	5.0	5.0
4263		1		1		10	10.0	10.0
4450	1			1		5	5.0	5.0
4474		2		2		10	5.0	5.0
4524	4	1		5		46	9.2	9.2
4553	2			2		14	7.0	7.0
4558	1			1		6	6.0	6.0
4617		2		2		4	2.0	2.0
4642		1		1		7	7.0	7.0
4667	1			1		8	8.0	8.0
4679		5		5		45	9.0	9.0
4797	5			5		13	2.6	2.6
4837	2			2		36	18.0	18.0
4858	1			1		3	3.0	3.0
5011	1			1		7	7.0	7.0
5013	1			1		2	2.0	2.0
5109	2			2		17	8.5	8.5
5130	5			5		9	1.8	1.8
5170	3		2	5		53	10.6	10.6
5196	3			3		11	3.7	3.7
5406	3			3		28	9.3	9.3
5411	1			1		7	7.0	7.0
5416		1		1		3	3.0	3.0
5578		3		3	1	6	2.0	3.0

Company ID	Cargo	Service	Service with Cargo	Total Vehicles	Zero Trip Vehicles	Total Trips	Trips per Vehicle	Trips per Traveling Vehicle
5614	1			1		4	4.0	4.0
5624	5			5		74	14.8	14.8
5630	3			3		11	3.7	3.7
5858	3			3		14	4.7	4.7
5949	3			3		9	3.0	3.0
6029	1			1	1	0	0.0	
6093	5			5		56	11.2	11.2
6200	4			4	1	35	8.8	11.7
6277		5		5		31	6.2	6.2
6322	5			5		12	2.4	2.4
6433		1		1		4	4.0	4.0
6754	5			5		16	3.2	3.2
6781		5		5		37	7.4	7.4
6792	1			1		39	39.0	39.0
7484	2			2		20	10.0	10.0
<b>Grand Total</b>	154	145	14	313	16	1,862	5.9	6.3