

A. FHWA Vehicle Classes With Definitions

Class 1 - Motorcycles (Optional). All two- or three-wheeled motorized vehicles. Typical vehicles in this category have saddle type seats and are steered by handlebars rather than steering wheels. This category includes motorcycles, motor scooters, mopeds, motor-powered bicycles, and three-wheel motorcycles. This vehicle type may be reported at the option of the State.

Class 2 - Passenger Cars. All sedans, coupes, and station wagons manufactured primarily for the purpose of carrying passengers and including those passenger cars pulling recreational or other light trailers.

Class 3 - Other Two-Axle, Four-Tire Single Unit Vehicles. All two-axle, four-tire vehicles, other than passenger cars. Included in this classification are pickups, panels, vans, and other vehicles such as campers, motor homes, ambulances, hearses, carryalls, and minibuses. Other two-axle, four-tire single-unit vehicles pulling recreational or other light trailers are included in this classification. Because automatic vehicle classifiers have difficulty distinguishing Class 3 from Class 2, these two classes may be combined into Class 2.

Class 4 - Buses. All vehicles manufactured as traditional passenger-carrying buses with two axles and six tires or three or more axles. This category includes only traditional buses (including school buses) functioning as passenger-carrying vehicles. Modified buses should be considered to be a truck and should be appropriately classified.

Class 5 - Two-Axle, Six-Tire, Single-Unit Trucks. All vehicles on a single frame, including trucks, camping and recreational vehicles, motor homes, etc., with two axles and dual rear wheels.

Class 6 - Three-Axle Single-Unit Trucks. All vehicles on a single frame, including trucks, camping and recreational vehicles, motor homes, etc., with three axles.

Class 7 - Four or More Axle Single-Unit Trucks. All trucks on a single frame with four or more axles.

Class 8 - Four or Fewer Axle Single-Trailer Trucks. All vehicles with four or fewer axles consisting of two units, one of which is a tractor or straight truck power unit.

Class 9 - Five-Axle Single-Trailer Trucks. All five-axle vehicles consisting of two units, one of which is a tractor or straight truck power unit.

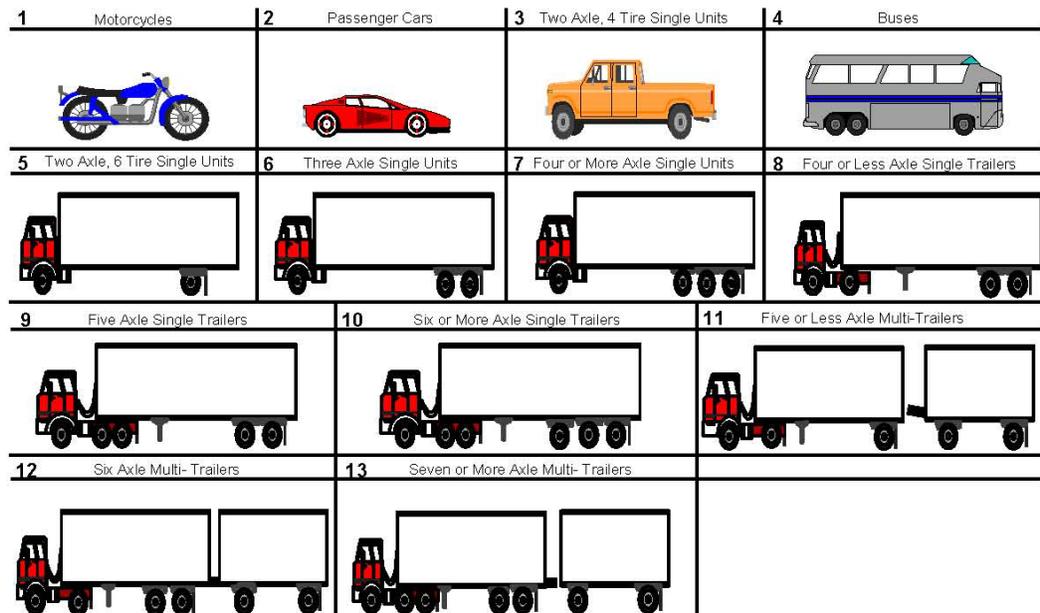
Class 10 - Six or More Axle Single-Trailer Trucks. All vehicles with six or more axles consisting of two units, one of which is a tractor or straight truck power unit.

Class 11 - Five or fewer Axle Multi-Trailer Trucks. All vehicles with five or fewer axles consisting of three or more units, one of which is a tractor or straight truck power unit.

Class 12 - Six-Axle Multi-Trailer Trucks. All six-axle vehicles consisting of three or more units, one of which is a tractor or straight truck power unit.

Class 13 - Seven or More Axle Multi-trailer Trucks. All vehicles with seven or more axles consisting of three or more units, one of which is a tractor or straight truck power unit.

Figure A.1 FHWA Vehicle Classifications



Source: 2006 NYSDOT Traffic Data Report.

B. Recruitment Letter



Sponsored by:



<FNAME> <LNAME>
<COMPANY>
<ADDRESS>
<CITY>, <ST> <ZIP>

DATE

Dear Owner/Operator OR <Mr/Mrs. LAST NAME>:

The Maricopa Association of Governments (MAG) requests your company participation in a travel survey to assess and analyze trucking behavior in the region. As a regional association of local governments and their governing officials in Maricopa County, MAG provides a focus for action on issues of regional concern including comprehensive transportation planning. MAG and transportation agencies throughout the region will use the data collected in this survey to plan transportation enhancements that will help improve traffic flow and minimize congestion.

MAG contracted with NuStats, an independent research organization, to administer this survey. The survey involves asking drivers from companies like yours – meaning, those that have a fleet of delivery or other trucking vehicles with at least two axles (six wheels) – to complete an easy to fill out one-day travel diary about the stops they make during that day. Your company was randomly selected to participate in the survey.

Your company's voluntary participation in the study is critical to the success of this project. It involves two easy steps.

1. First, if you are not the right person to make the decision on whether or not your company will participate, please forward this letter to the appropriate person then call or email Julie Wilke, NuStats Survey Manager, at 1-800-447-8287 x 2246 or jwilke@nustats.com with the name and phone number of the appropriate contact. An appropriate person may be the person who manages or works closely with your company truck drivers on a daily basis.
2. Second, await a call from a professional interviewer from NuStats with details about the study.

To best represent all companies who have trucks traveling in the region, your company's help in completing this survey is very important. We urge you to participate – the more accurate the information your company and your drivers provide, the better we can implement measures to reduce congestion.

Again, we appreciate your assistance in this important study. If you have any questions, please call Julie Wilke, NuStats Survey Manager, at 1-800-447-8287, ext. 2246 or email her at jwilke@nustats.com.

Sincerely,

Vladimir Livshits, Program Manager
Maricopa Association of Governments

C. Trip Diary Questionnaire

THANK YOU FOR YOUR PARTICIPATION!

Your help in completing this diary is very important. Results from this survey will be used by transportation agencies throughout the region to better plan for transportation improvements that will help improve traffic flow and minimize congestion. The more accurate the information you provide, the better we can implement measures to reduce congestion.

The responses you give are kept strictly confidential and are used only for research purposes.

**If you have questions or need assistance, please call
Julie Wilke of NuStats toll-free at 800-447-8287, ext. 2246**

Please return your completed diary
to your Fleet Coordinator.

Thank you!



Truck Travel Diary for:

Person completing this diary:
(If we have any questions about your travel we may contact you)

Name: _____

Phone: () -

<<Company Name>>
Truck # <<truckno>> of <<total# in fleet>>

Record your Truck Travel on:
<<Travel Day>>, <<Travel date>>



<<sample number-truckno>>

DIARY INSTRUCTIONS:

The purpose of this diary is to gather data for up to 10 stops you make in the TRUCK YOU ARE DRIVING TODAY for one work day. Please follow the instructions and example below.

Print letters/numbers clearly in upper case: Fill bubble with: ●

Step:

- 1 Truck Information:** Begin your diary by telling us about the TRUCK YOU ARE DRIVING TODAY. Fill in the date, the license plate number, truck size, number of axles and the fuel type.
- 2 Start Trip:** This is the location where you began your trip. Provide the name of the place, the complete address including the city and zip code, the type of stop, the beginning odometer reading, and the exact time you leave.
- 3 Stops #1 - 10:** Provide the exact time you arrive, the complete address or the nearest major cross streets, the type of stop, the odometer reading, and the exact time you leave.

Type of stop: Choose the code that best describes the location from the list of STOP CODES on the flap below.

- 4** Please return your completed diary to your Fleet Coordinator. Thank you!

STOP #8	STOP #9	STOP #10
I got to this stop at: [] [] : [] [] ○ am ○ pm	I got to this stop at: [] [] : [] [] ○ am ○ pm	I got to this stop at: [] [] : [] [] ○ am ○ pm
The address is: Place name _____ Address or Cross street #1 _____ Cross street #2 _____ City _____ Zip code [] [] [] [] [] []	The address is: Place name _____ Address or Cross street #1 _____ Cross street #2 _____ City _____ Zip code [] [] [] [] [] []	The address is: Place name _____ Address or Cross street #1 _____ Cross street #2 _____ City _____ Zip code [] [] [] [] [] []
Type of stop: (use STOP CODES on flap below) ○ 1 ○ 3 ○ 5 ○ 7 ○ 9 ○ 2 ○ 4 ○ 6 ○ 8 ○ 10 ○ 11 Other (describe the location): _____	Type of stop: (use STOP CODES on flap below) ○ 1 ○ 3 ○ 5 ○ 7 ○ 9 ○ 2 ○ 4 ○ 6 ○ 8 ○ 10 ○ 11 Other (describe the location): _____	Type of stop: (use STOP CODES on flap below) ○ 1 ○ 3 ○ 5 ○ 7 ○ 9 ○ 2 ○ 4 ○ 6 ○ 8 ○ 10 ○ 11 Other (describe the location): _____
Odometer reading when I arrived: [] [] [] [] [] [] [] []	Odometer reading when I arrived: [] [] [] [] [] [] [] []	Odometer reading when I arrived: [] [] [] [] [] [] [] []
I left this stop at: [] [] : [] [] ○ am ○ pm	I left this stop at: [] [] : [] [] ○ am ○ pm	I left this stop at: [] [] : [] [] ○ am ○ pm

STOP CODES: Choose the code that best describes this location

<p>Code:</p> <p>1 House/Other residential</p> <p>2 Office/Bank/Medical/Repair</p> <p>3 Government building/School/Military base/Hospital</p> <p>4 Retail/Store/Restaurant/Mall</p>	<p>Code:</p> <p>5 Construction site</p> <p>6 Warehouse/Wholesale store</p> <p>7 Industrial (e.g. manufacturing factory)</p> <p>8 Transportation Hub (e.g. port/rail/truck terminal/airport)</p>	<p>Code:</p> <p>9 Farm</p> <p>10 Mine</p> <p>11 Other (fill in the oval for code 11 and describe the location)</p>
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STOP #5 I got to this stop at:
 : am pm

The address is:
 Place name _____
 Address or Cross street #1 _____
 Cross street #2 _____
 City _____
 Zip code _____

Type of stop: (use STOP CODES on flap below)
 1 3 5 7 9
 2 4 6 8 10
 11 Other (describe the location): _____

Odometer reading when I arrived:

I left this stop at:
 : am pm

STOP #6 I got to this stop at:
 : am pm

The address is:
 Place name _____
 Address or Cross street #1 _____
 Cross street #2 _____
 City _____
 Zip code _____

Type of stop: (use STOP CODES on flap below)
 1 3 5 7 9
 2 4 6 8 10
 11 Other (describe the location): _____

Odometer reading when I arrived:

I left this stop at:
 : am pm

STOP #7 I got to this stop at:
 : am pm

The address is:
 Place name _____
 Address or Cross street #1 _____
 Cross street #2 _____
 City _____
 Zip code _____

Type of stop: (use STOP CODES on flap below)
 1 3 5 7 9
 2 4 6 8 10
 11 Other (describe the location): _____

Odometer reading when I arrived:

I left this stop at:
 : am pm

1
TRUCK INFO

Date: / /

A. License plate number of the TRUCK YOU ARE DRIVING TODAY.

B. Truck size/gross vehicle weight (Mark one only)
 Light-heavy (8,500-14,000 lbs.)
 Medium-heavy (14,001-33,000 lbs.)
 Heavy-heavy (33,001 lbs. and above)

C. Number of axles (Mark one only)
 Single-unit, 2-Axle (6 wheels)
 Single-unit 3-Axle (10 wheels)
 Single-unit 4-Axle (14 wheels)
 Semi (all tractor-trailer combinations)
 Other (specify): _____

D. Fuel type (Mark one only)
 Diesel
 Unleaded gas
 Other (specify): _____

2
START TRIP

My trip began at:
 THORN MEDICAL EQUIPMENT INC
 Place name
 17410 N COTTONWOOD DR
 Address or Cross street #1
 Cross street #2 _____
 SUN CITY
 City
 Zip code

Type of stop: (use STOP CODES on flap below)
 1 3 5 7 9
 2 4 6 8 10
 11 Other (describe the location): _____

Beginning odometer readings:

I left my starting location at:
 : am pm

3
STOP #1

I got to this stop at:
 : am pm

The address is:
 NORTH PHOENIX MEDICAL CENTER
 Place name
 6040 N 16TH AVE
 Address or Cross street #1
 Cross street #2 _____
 PHOENIX
 City
 Zip code

Type of stop: (use STOP CODES on flap below)
 1 3 5 7 9
 2 4 6 8 10
 11 Other (describe the location): _____

Odometer reading when I arrived:

I left this stop at:
 : am pm

If you need assistance, please call : Julie Wilke of NuStats toll-free at 800-447-8287, ext. 2246

Begin on next page →

<p>TRUCK INFO</p> <p>Date: <input type="text"/>/ <input type="text"/>/ <input type="text"/></p> <p>A. License plate number of the TRUCK YOU ARE DRIVING TODAY.</p> <p><input type="text"/></p> <p>B. Truck size/gross vehicle weight (mark one only)</p> <p><input type="radio"/> Light-heavy (8,500-14,000 lbs.)</p> <p><input type="radio"/> Medium-heavy (14,001-33,000 lbs.)</p> <p><input type="radio"/> Heavy-heavy (33,001 lbs. and above)</p> <p>C. Number of axles (mark one only)</p> <p><input type="radio"/> Single unit 2-Axle (6 wheels)</p> <p><input type="radio"/> Single unit 3-Axle (10 wheels)</p> <p><input type="radio"/> Single unit 4-Axle (14 wheels)</p> <p><input type="radio"/> Semi (all tractor-trailer combinations)</p> <p><input type="radio"/> Other (specify): _____</p> <p>D. Fuel type (mark one only)</p> <p><input type="radio"/> Diesel</p> <p><input type="radio"/> Unleaded gas</p> <p><input type="radio"/> Other (specify): _____</p>	<p>START TRIP</p> <p>My trip began at:</p> <p>Place name _____</p> <p>Address or Cross street #1 _____</p> <p>Cross street #2 _____</p> <p>City _____</p> <p>Zip code <input type="text"/></p> <p>Type of stop: (use STOP CODES on flap below)</p> <p><input type="radio"/> 1 <input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> 7 <input type="radio"/> 9</p> <p><input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/> 10</p> <p><input type="radio"/> 11 Other (describe the location): _____</p> <p>Beginning odometer reading:</p> <p><input type="text"/></p> <p>I left my starting location at:</p> <p><input type="text"/> : <input type="text"/> <input type="radio"/> am <input type="radio"/> pm</p>	<p>STOP #1</p> <p>I got to this stop at:</p> <p><input type="text"/> : <input type="text"/> <input type="radio"/> am <input type="radio"/> pm</p> <p>The address is:</p> <p>Place name _____</p> <p>Address or Cross street #1 _____</p> <p>Cross street #2 _____</p> <p>City _____</p> <p>Zip code <input type="text"/></p> <p>Type of stop: (use STOP CODES on flap below)</p> <p><input type="radio"/> 1 <input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> 7 <input type="radio"/> 9</p> <p><input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/> 10</p> <p><input type="radio"/> 11 Other (describe the location): _____</p> <p>Odometer reading when I arrived:</p> <p><input type="text"/></p> <p>I left this stop at:</p> <p><input type="text"/> : <input type="text"/> <input type="radio"/> am <input type="radio"/> pm</p>
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<p>STOP #2</p> <p>I got to this stop at:</p> <p><input type="text"/> : <input type="text"/> <input type="radio"/> am <input type="radio"/> pm</p> <p>The address is:</p> <p>Place name _____</p> <p>Address or Cross street #1 _____</p> <p>Cross street #2 _____</p> <p>City _____</p> <p>Zip code <input type="text"/></p> <p>Type of stop: (use STOP CODES on flap below)</p> <p><input type="radio"/> 1 <input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> 7 <input type="radio"/> 9</p> <p><input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/> 10</p> <p><input type="radio"/> 11 Other (describe the location): _____</p> <p>Odometer reading when I arrived:</p> <p><input type="text"/></p> <p>I left this stop at:</p> <p><input type="text"/> : <input type="text"/> <input type="radio"/> am <input type="radio"/> pm</p>	<p>STOP #3</p> <p>I got to this stop at:</p> <p><input type="text"/> : <input type="text"/> <input type="radio"/> am <input type="radio"/> pm</p> <p>The address is:</p> <p>Place name _____</p> <p>Address or Cross street #1 _____</p> <p>Cross street #2 _____</p> <p>City _____</p> <p>Zip code <input type="text"/></p> <p>Type of stop: (use STOP CODES on flap below)</p> <p><input type="radio"/> 1 <input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> 7 <input type="radio"/> 9</p> <p><input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/> 10</p> <p><input type="radio"/> 11 Other (describe the location): _____</p> <p>Odometer reading when I arrived:</p> <p><input type="text"/></p> <p>I left this stop at:</p> <p><input type="text"/> : <input type="text"/> <input type="radio"/> am <input type="radio"/> pm</p>	<p>STOP #4</p> <p>I got to this stop at:</p> <p><input type="text"/> : <input type="text"/> <input type="radio"/> am <input type="radio"/> pm</p> <p>The address is:</p> <p>Place name _____</p> <p>Address or Cross street #1 _____</p> <p>Cross street #2 _____</p> <p>City _____</p> <p>Zip code <input type="text"/></p> <p>Type of stop: (use STOP CODES on flap below)</p> <p><input type="radio"/> 1 <input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> 7 <input type="radio"/> 9</p> <p><input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 6 <input type="radio"/> 8 <input type="radio"/> 10</p> <p><input type="radio"/> 11 Other (describe the location): _____</p> <p>Odometer reading when I arrived:</p> <p><input type="text"/></p> <p>I left this stop at:</p> <p><input type="text"/> : <input type="text"/> <input type="radio"/> am <input type="radio"/> pm</p>
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D. CATI Survey Script

Maricopa Association of Governments
2007 Truck Survey
CSI-07-114 Screener
March 29, 2007

NOTE TO PROGRAMMER: NEED TO SAVE ALL DATA

INTRODUCTION

INTRO1 Hello, this is ____ with Northwest Research Group. We are working with the Maricopa Association of Governments to reduce traffic congestion and help improve efficient movement of goods in Maricopa County. Your company's input is critical to the success of the project. [AS NEEDED: For example, with input like yours, MAG conducted a Freeway Bottleneck Study where they ranked projects to improve freeway bottlenecks.]

May I please speak with the transportation manager or person responsible for providing assignments to drivers? [IF RESPONDENT SAYS COMPANY DOES NOT OWN TRUCKS: May I please speak to the person responsible for arranging truck shipments to or from this facility?]

- 1 YES [**SKIP TO INTRO2**]
- 2 NOT AVAILABLE AT THIS TIME [**SCHEDULE CALLBACK AND LEAVE MESSAGE**]
- 3 NO [SPECIFY REASON FOR REFUSAL: _____] [**SKIPTO THANK5**]
- 9 DON'T KNOW/REFUSED [SPECIFY REASON FOR REFUSAL: _____] [**SKIP TO THANK5**]

Today/Tonight we are inviting companies located in Maricopa County to participate in this study. Results from this research will directly impact decisions for transportation improvements in the Phoenix area.

Please join the more than 500 other companies who are committed to helping the Maricopa Association of Governments with this important research effort.

Your input will remain strictly confidential. This call may be monitored and/or recorded for quality control purposes.

[AS NEEDED: Let me assure you that this is not a sales call. Northwest Research Group does not sell any type of consumer products or services. We are conducting this study only to provide data on travel in the region which will help plan for and improve the traffic conditions in the region. Everything you say will remain strictly anonymous. None of your company's or your personal information will be released and your name and telephone number will not end up on any list as a result of your participation.]

[PRESS ANY KEY TO CONTINUE]

INTRO2 Hello, this is ____ with Northwest Research Group. We are working with the Maricopa Association of Governments to improve the traffic congestion in Maricopa County. Your input is critical to the success of the project. Today/Tonight we are inviting companies that operate in Maricopa County to participate in this study. Results from this research will directly impact decisions for transportation improvements in the Phoenix area – that is, within Maricopa, Pinal, and Yavapai Counties. Your input will remain strictly confidential. This call may be monitored and/or recorded for quality control purposes.

[IF NEEDED: The survey should only take no more than 10 minutes of your time. I completely understand that you are extremely busy and because we value your input we have made this survey available to complete online. Would you rather complete this survey online? OK great I will just need to ask you a few questions to determine your eligibility and then I will get your email address.]

SCREENER

- Q1 How many inbound truck deliveries does your facility receive on a peak day?
____ **[ENTER NUMBER] [IF Q1 = 0 SKIP TO Q2]**
888 DON'T KNOW [May I speak with someone who does know?(INTRO2)] **[SKIP TO Q2]**
999 REFUSED **[SKIP TO THANK8]**

- INB2 About what percentage of inbound truck shipments that arrive at this facility...?
[READ EACH CATEGORY AND RECORD PERCENT]
___% come from destinations within the Maricopa region – that is from within Maricopa, Pinal, and Yavapai Counties?
___% and how about shipments that come from outside the Maricopa region? **[IF INB2B EQ 100% SKIP TO Q2]**
888 DON'T KNOW
999 REFUSED

- Q1A Of these inbound deliveries within Maricopa, Pinal, and Yavapai Counties, what **percentage** of these trucks are...?

[NOTE TO INTERVIEWER: RE-READ QUESTION EVERY TIME.]

- ___% Heavy, that is 3+ axles and 6+ tires. **[IF NECESSARY: COMBINATION UNIT COMCL. VEHICLE]**
___% Medium, that is 2+ axles and 6+ tires. **[IF NECESSARY: SINGLE UNIT COMMERCIAL VEHICLE]**
___% Light, that is 2 axles and 6 tires. **[IF NECESSARY- VEHICLE WITH DUAL TIRES]**
777 NO TRUCKS IN ABOVE CATEGORIES
888 DON'T KNOW [May I speak with someone who does know?(INTRO2)]
999 REFUSED **[SKIP TO THANK8]**

[MUST ADD UP TO 100%]

- Q1B **[IF LIGHT TRUCKS EQ 100%]** What percentage of these trucks are pick-up trucks?
% PICKUP
888 DON'T KNOW [May I speak with someone who does know?(INTRO2)]
999 REFUSED **[SKIP TO THANK8]**

- Q2 How many outbound truck deliveries does your facility send out on a peak day?
____ **[ENTER NUMBER] [IF Q2 = 0 SKIP TO Q3]**
888 DON'T KNOW [May I speak with someone who does know?(INTRO2)] **[IF Q1 = 888 AND Q2 = 888 THANK8]**
999 REFUSED **[SKIP TO THANK8]**

[IF Q1 = 0 AND Q2 = 0 THEN THANK30]

- OUTNEW About what percentage of your outbound truck shipments ...?
[READ EACH CATEGORY AND RECORD PERCENT]
___% travel to destinations within the Maricopa region – that is from within Maricopa, Pinal,

and Yavapai Counties?

- ___% and how about shipments go outside the Maricopa region? **[IF INB2B EQ 100% AND OUTNEW EQ 100% -- THANK AND TERMINATE]**
- 888 DON'T KNOW
- 999 REFUSED

Q2A Of these outbound deliveries within Maricopa, Pinal, and Yavapai Counties, what **percentage** of these trucks are...?

[NOTE TO INTERVIEWER: RE-READ QUESTION EVERY TIME]

- ___% Heavy, that is 3+ axles and 6+ tires. **[IF NECESSARY: COMBINATION UNIT COMCL. VEHICLE]**
- ___% Medium, that is 2+ axles and 6+ tires. **[IF NECESSARY: SINGLE UNIT COMMERCIAL VEHICLE]**
- ___% Light, that is 2 axles and 6 tires. **[IF NECESSARY- VEHICLE WITH DUAL TIRES]**
- 777 NO TRUCKS IN ABOVE CATEGORIES
- 888 DON'T KNOW **[May I speak with someone who does know?(INTRO2)]**
- 999 REFUSED **[SKIP TO THANK8]**

[MUST ADD UP TO 100%]

[IF Q1A = 777 AND Q2A = 777 THEN THANK31]

[IF Q1 = 0 AND ALL OF Q2A = 777 THEN THANK31]

[IF ALL OF Q1A = 777 AND Q2 = 0 THEN THANK31]

- Q2B **[IF LIGHT TRUCKS EQ 100%]** What percentage of these trucks are pick-up trucks?
- % PICKUP
 - 888 DON'T KNOW **[May I speak with someone who does know?(INTRO2)]**
 - 999 REFUSED **[SKIP TO THANK8]**

[IF Q1B EQ 100% AND Q2B EQ 100% THANK AND TERMINATE – I.E., NO ONE SHOULD ONLY BE DRIVING PICK-UP]

- Q3 Of these inbound and outbound trucks, about what percent does your company own?
- _____ **[ENTER PERCENT] [ALLOW 0, IF ALL / 100% SKIP TO OUTINT]**
 - 888 DON'T KNOW
 - 999 REFUSED

- Q4 Of these inbound and outbound trucks, about what percentage does your company subcontract? **[IF NECESSARY: How many are owned/operated by another company?]**
- _____ **[ENTER PERCENT] [ALLOW 0, IF 0 SKIP TO OUTINT]**
 - 888 DON'T KNOW **[SKIP TO OUTINT]**
 - 999 REFUSED **[SKIP TO THANK8]**

[IF Q3 AND Q4 = 0 THANK32]

**QUALIFIED RESPONDENTS CONTINUE FROM HERE:
TO QUALIFY RESPONDENTS MUST OWN OR OPERATE 1 OR MORE FHWA CLASS 5 PLUS
VEHICLES THAT MAKE SHIPMENTS OUT OF OR COME INTO THEIR FACILITY FROM
DESTINATIONS WITHIN MARICOPA, PINAL, AND YAVAPAI COUNTIES**

Q5A To verify, is the address of your facility **[IMPORT FROM SAMPLE AND READ**

COMPLETELY]?

1 YES

2 NO

Q5b [IF Q5A EQ 2] What is the correct address of your facility

_____ STREET
_____ CITY
_____ STATE
_____ ZIPCODE

[IF QUALIFIED RESPONDENT INDICATES THAT THEY ARE UNABLE TO COMPLETE THE SURVEY AT THIS TIME OR ARE TOO BUSY TO COMPLETE THE SURVEY BY TELEPHONE, ASK QONL. GIVE AS OPTION ONLY IF THEY WILL NOT DO BY TELEPHONE AT THE TIME YOU HAVE THEM ON THE PHONE.]

QONL Do you wish to finish this survey online?

1 YES [**SKIP TO QONL1**]

2 CONTINUE ON THE PHONE [**SKIP TO Q3**]

QONL1 So that I can send you a link to the online version, what is your email?

___ ENTER EMAIL

888 DON'T KNOW [**SKIP TO Q3**]

999 REFUSED [**SKIP TO Q3**]

QONL2 I entered _____ for your email is that correct?

1 YES [**SKIP TO THANK44**]

2 NO [**SKIP TO QONL1**]

OUTBOUND SHIPMENTS
[ALL OUT QUESTIONS IF Q2 GT 0]

OUTINT For the next couple questions I want you to think about your outbound truck trips from your facility to destinations in Maricopa, Pinal, and Yavapai Counties?

OUT1 Now thinking only about the commodities / goods that you ship from your facility to destinations in Maricopa, Pinal, and Yavapai Counties, which of the following best describes the **primary** commodity or good you ship?

[READ LIST AND ACCEPT ONE RESPONSE]

1 Raw agricultural & animal products (I.E. CROPS, LIVESTOCK, ANIMAL FEED)

2 Food products, alcohol, & tobacco
(I.E. MEAT, BAKERY PRODUCTS, DAIRY PRODUCTS)

3 Forestry, wood, and paper products (I.E. LOGS, LUMBER, PAPER, NOT FURNITURE)

4 Chemicals & chemical products (I.E. FERTILIZERS, PHARMACEUTICALS)

5 Petroleum products (I.E. PLASTICS & RUBBER GASOLINE, FUEL OIL)

6 Mining materials (I.E. COAL, SAND, GRAVEL, ORE CRUDE PETROLEUM)

7 Manufactured metal & mineral products
(I.E. METAL BARS, PIPES, CONCRETE, CEMENT, BRICKS)

8 Other manufactured products or equipment
(I.E. FURNITURE, TOOLS, ELECTRONICS, VEHICLES)

9 Waste, refuse, recycling

(I.E. HAZARDOUS WASTE, TRASH RECYCLABLE PRODUCTS)

- 10 Miscellaneous (I.E. MAIL & COURIER, MIXED FREIGHT)
- 666 NONE
- 777 OTHER SPECIFY
- 888 DON'T KNOW
- 999 REFUSED

OUT1A What other commodities / goods do you ship from your facility to destinations within Maricopa, Pinal, and Yavapai Counties?

[READ LIST AND CHECK ALL THAT APPLY]

- 1 Raw agricultural & animal products (I.E. CROPS, LIVESTOCK, ANIMAL FEED)
- 2 Food products, alcohol, & tobacco
(I.E. MEAT, BAKERY PRODUCTS, DAIRY PRODUCTS)
- 3 Forestry, wood, and paper products (I.E. LOGS, LUMBER, PAPER, NOT FURNITURE)
- 4 Chemicals & chemical products (I.E. FERTILIZERS, PHARMACEUTICALS)
- 5 Petroleum products (I.E. PLASTICS & RUBBER GASOLINE, FUEL OIL)
- 6 Mining materials (I.E. COAL, SAND, GRAVEL, ORE CRUDE PETROLEUM)
- 7 Manufactured metal & mineral products
(I.E. METAL BARS, PIPES, CONCRETE, CEMENT, BRICKS)
- 8 Other manufactured products or equipment
(I.E. FURNITURE, TOOLS, ELECTRONICS, VEHICLES)
- 9 Waste, refuse, recycling
(I.E. HAZARDOUS WASTE, TRASH RECYCLABLE PRODUCTS)
- 10 Miscellaneous (I.E. MAIL & COURIER, MIXED FREIGHT)
- 666 NONE
- 777 OTHER SPECIFY
- 888 DON'T KNOW
- 999 REFUSED

OUT2 What percentage of your outbound truck shipments to destinations in Maricopa, Pinal, and Yavapai Counties are linked trips – that is, a trip that makes multiple stops within the region before returning to your facility?

- ___% OF MULTIPLE STOPS
- 888 DON'T KNOW
- 999 REFUSED

OUT2A **[IF OUT2 NE 0, 888, 999]** For a typical trip with multiple stops, what is the typical number of stops?

- ___ TYPICAL NUMBER OF STOPS
- 888 DON'T KNOW
- 999 REFUSED

OUT3A **[IF IN Q2A % OF HEAVY TRUCKS NE 0%]** Measured from your facility, about what percentage of the outbound trips made by your Heavy or Combination Unit Commercial Vehicles **[AS NEEDED: 3 plus axles and 6 plus tires]** travel...?

Out3AA About what percentage of the outbound trips made by your Heavy or Combination Unit Commercial Vehicles **[AS NEEDED: 3 plus axles and 6 plus tires]** go out of your facility between the hours of?

OUT3B **[IF IN Q2A % OF MEDIUM TRUCKS NE 0%]** Measured from your facility, about what percentage of the outbound trips made by your Medium or Single Unit Commercial

Vehicles and your Vehicles with Dual Tires [AS NEEDED: 2 plus axles and 6 plus tires and those with 2 axles and 6 tires] travel...?

Out3BB_ About what percentage of the outbound trips made by your Medium or Single Unit Commercial Vehicles and your Vehicles with Dual Tires [AS NEEDED: 2 plus axles and 6 plus tires and those with 2 axles and 6 tires] go out of your facility between the hours of?

[RESPONSE CATEGORIES FOR OUT3A TO OUT3B] READ EACH CATEGORY AND RECORD PERCENT]

- ___% 0 – 5 miles?
- ___% 6 – 10 miles?
- ___% 11 – 15 miles?
- ___% 16 – 20 miles?
- ___% 21 – 30 miles?
- ___% 31 – 50 miles?
- ___% 51+ miles?
- 888 DON'T KNOW
- 999 REFUSED

[MUST ADD UP TO 100%]

[RESPONSE CATEGORIES FOR OUT3A TO OUT3BB] READ EACH CATEGORY AND RECORD PERCENT]

- ___% 0 – 5 miles?
- ___ % AM Peak period - 6 AM to 9 AM
- ___ % Midday - 9AM to 3PM
- ___ % PM Peak Period - 3 PM to 6 PM
- ___ % -Night - 6 PM to next day 6AM
- 888 DON'T KNOW
- 999 REFUSED

[MUST ADD UP TO 100%]

DIS1 About how many destinations does your facility ship to within Maricopa, Pinal, and Yavapai Counties?

- 0 NONE [SKIPTO
- 1 Less than 5
- 2 5 to 10
- 3 11 to 25
- 4 26 to 50
- 5 50 or more
- 888 DON'T KNOW

[THE FOLLOWING TWO QUESTIONS WILL BE ASKED FOR EACH COMMODITY THEY SHIP.]

DIS01A_ALT_ Thinking about your outbound shipments of [INSERT COMMODITY TYPE], what percent of shipments from your facility to destinations within Maricopa, Pinal, and Yavapai Counties are going to each of the following types of facilities?

- ___ % House/Other residential
- ___ % Office/Bank/Medical/Repair
- ___ % Government building/School/Military base/Hospital
- ___ % Retail/Store/Restaurant/Mall

- ___ % Construction site
- ___ % Warehouse/Wholesale store
- ___ % Industrial (e.g. manufacturing factory)
- ___ % Transportation Hub (e.g. port/rail/truck terminal/airport)
- ___ % Farm
- ___ % Mine
- ___ % Other (describe the location)
- 888 DON'T KNOW
- 999 REFUSED

[MUST ADD UP TO 100%]

DISO2A About how many outbound shipments of **[INSERT COMMODITY TYPE]**, leave your facility in a given day?

- ___ ENTER NUMBER OF OUTBOUND SHIPMENTS
- 888 DON'T KNOW
- 999 REFUSED

DISO2A.1 Of those outbound shipments of **[INSERT COMMODITY TYPE]**, what is the average payload in pounds?

- 1 Less than 10,000 lbs
- 2 10,001 lbs to 25,000 lbs
- 3 25,001 lbs to 50,000 lbs
- 4 50,001 lbs to 75,000 lbs
- 5 75,001 lbs to 100,000 lbs
- 6 Greater than 100,000 lbs
- 888 DON'T KNOW
- 999 REFUSED

DISO2B About how many outbound shipments of **[INSERT COMMODITY TYPE]**, leave your facility in a given day?

- ___ ENTER NUMBER OF OUTBOUND SHIPMENTS
- 888 DON'T KNOW
- 999 REFUSED

DISO2B.1 Of those outbound shipments of **[INSERT COMMODITY TYPE]**, what is the average payload in pounds?

- 1 Less than 10,000 lbs
- 2 10,001 lbs to 25,000 lbs
- 3 25,001 lbs to 50,000 lbs
- 4 50,001 lbs to 75,000 lbs
- 5 75,001 lbs to 100,000 lbs
- 6 Greater than 100,000 lbs
- 888 DON'T KNOW
- 999 REFUSED

**INBOUND SHIPMENTS
[ALL INB IF Q1 GT 0]**

INBINT For the next couple questions I want you to think about your inbound truck trips originate from within Maricopa, Pinal, and Yavapai Counties.

INB1 Thinking only about the commodities / goods that you receive at your facility that originate from within Maricopa, Pinal, and Yavapai Counties, which of the following best describes the **primary** commodity or good that you receive?

[READ LIST AND ACCEPT ONE RESPONSE]

- 1 Raw agricultural & animal products (I.E. CROPS, LIVESTOCK, ANIMAL FEED)
- 2 Food products, alcohol, & tobacco
(I.E. MEAT, BAKERY PRODUCTS, DAIRY PRODUCTS)
- 3 Forestry, wood, and paper products (I.E. LOGS, LUMBER, PAPER, NOT FURNITURE)
- 4 Chemicals & chemical products (I.E. FERTILIZERS, PHARMACEUTICALS)
- 5 Petroleum products (I.E. PLASTICS & RUBBER GASOLINE, FUEL OIL)
- 6 Mining materials (I.E. COAL, SAND, GRAVEL, ORE CRUDE PETROLEUM)
- 7 Manufactured metal & mineral products
(I.E. METAL BARS, PIPES, CONCRETE, CEMENT, BRICKS)
- 8 Other manufactured products or equipment
(I.E. FURNITURE, TOOLS, ELECTRONICS, VEHICLES)
- 9 Waste, refuse, recycling
(I.E. HAZARDOUS WASTE, TRASH RECYCLABLE PRODUCTS)
- 10 Miscellaneous (I.E. MAIL & COURIER, MIXED FREIGHT)
- 666 NONE
- 777 OTHER SPECIFY
- 888 DON'T KNOW
- 999 REFUSED

INB1A What other commodities / goods do you receive at your facility that originate within Maricopa, Pinal, and Yavapai Counties?

[READ LIST AND CHECK ALL THAT APPLY]

- 1 Raw agricultural & animal products (I.E. CROPS, LIVESTOCK, ANIMAL FEED)
- 2 Food products, alcohol, & tobacco
(I.E. MEAT, BAKERY PRODUCTS, DAIRY PRODUCTS)
- 3 Forestry, wood, and paper products (I.E. LOGS, LUMBER, PAPER, NOT FURNITURE)
- 4 Chemicals & chemical products (I.E. FERTILIZERS, PHARMACEUTICALS)
- 5 Petroleum products (I.E. PLASTICS & RUBBER GASOLINE, FUEL OIL)
- 6 Mining materials (I.E. COAL, SAND, GRAVEL, ORE CRUDE PETROLEUM)
- 7 Manufactured metal & mineral products
(I.E. METAL BARS, PIPES, CONCRETE, CEMENT, BRICKS)
- 8 Other manufactured products or equipment
(I.E. FURNITURE, TOOLS, ELECTRONICS, VEHICLES)
- 9 Waste, refuse, recycling
(I.E. HAZARDOUS WASTE, TRASH RECYCLABLE PRODUCTS)
- 10 Miscellaneous (I.E. MAIL & COURIER, MIXED FREIGHT)
- 666 NONE
- 777 OTHER SPECIFY
- 888 DON'T KNOW
- 999 REFUSED

INB3AA About what percentage of the inbound shipments you receive on Heavy or Combination Unit Commercial Vehicles [AS NEEDED: 3 plus axles and 6 plus tires] arrive at your facility between the hours of?

INB3B [IF IN Q1A % OF MEDIUM TRUCKS NE 0%] Measured from your facility, about what percentage of the outbound trips made by your Medium or Single Unit Commercial

Vehicles and your Vehicles with Dual Tires [AS NEEDED: 2 plus axles and 6 plus tires and those with 2 axles and 6 tires] travel...?

INB3BB_About what percentage of the inbound shipments you receive on Medium or Single Unit Commercial Vehicles and your Vehicles with Dual Tires [AS NEEDED: 2 plus axles and 6 plus tires and those with 2 axles and 6 tires] arrive at your facility between the hours of?

[RESPONSE CATEGORIES FOR INB3A TO INB3B] READ EACH CATEGORY AND RECORD PERCENT]

- ___% 0 – 5 miles?
- ___% 6 – 10 miles?
- ___% 11 – 15 miles?
- ___% 16 – 20 miles?
- ___% 21 – 30 miles?
- ___% 31 – 50 miles?
- ___% 51+ miles?
- 888 DON'T KNOW
- 999 REFUSED

[MUST ADD UP TO 100%]

[RESPONSE CATEGORIES FOR INB3AATO INB3BB] READ EACH CATEGORY AND RECORD PERCENT]

- ___% 0 – 5 miles?
- ___ % AM Peak period - 6 AM to 9 AM
- ___ % Midday - 9AM to 3PM
- ___ % PM Peak Period - 3 PM to 6 PM
- ___ % -Night - 6 PM to next day 6AM
- 888 DON'T KNOW
- 999 REFUSED

[MUST ADD UP TO 100%]

[THE FOLLOWING TWO QUESTIONS WILL BE ASKED FOR EACH COMMODITY THEY RECIEVE.]

DIS01A_1Thinking about your inbound shipments of **[INSERT COMMODITY TYPE]**, what percent of shipments coming into your facility from origins within Maricopa, Pinal, and Yavapai Counties have come from each of the following types of facilities?

- ___ % House/Other residential
- ___ % Office/Bank/Medical/Repair
- ___ % Government building/School/Military base/Hospital
- ___ % Retail/Store/Restaurant/Mall
- ___ % Construction site
- ___ % Warehouse/Wholesale store
- ___ % Industrial (e.g. manufacturing factory)
- ___ % Transportation Hub (e.g. port/rail/truck terminal/airport)
- ___ % Farm
- ___ % Mine
- ___ % Other (describe the location)
- 888 DON'T KNOW
- 999 REFUSED

[MUST ADD UP TO 100%]

DISI2A About how many inbound shipments of **[INSERT COMMODITY TYPE]**, do you receive in a given day?

- ___ ENTER NUMBER OF OUTBOUND SHIPMENTS
- 888 DON'T KNOW
- 999 REFUSED

DISI2A.1 Of those inbound shipments of **[INSERT COMMODITY TYPE]**, what is the average payload in pounds?

- 1 Less than 10,000 lbs
- 2 10,001 lbs to 25,000 lbs
- 3 25,001 lbs to 50,000 lbs
- 4 50,001 lbs to 75,000 lbs
- 5 75,001 lbs to 100,000 lbs
- 6 Greater than 100,000 lbs
- 888 DON'T KNOW
- 999 REFUSED

DISI2B About how many inbound shipments of **[INSERT COMMODITY TYPE]**, do you receive in a given day?

- ___ ENTER NUMBER OF OUTBOUND SHIPMENTS
- 888 DON'T KNOW
- 999 REFUSED

DISI2B.1 Of those inbound shipments of **[INSERT COMMODITY TYPE]**, what is the average payload in pounds?

- 1 Less than 10,000 lbs
- 2 10,001 lbs to 25,000 lbs
- 3 25,001 lbs to 50,000 lbs
- 4 50,001 lbs to 75,000 lbs
- 5 75,001 lbs to 100,000 lbs
- 6 Greater than 100,000 lbs
- 888 DON'T KNOW
- 999 REFUSED

[ASK FOR EVERY COMMODITY THEY PUT INB1A; AS DISI2C, DISI2C.1 ETC.]

[ALL]

DIS 13 What percentage of trucks coming into and going out of your facility come in and leave loaded?

- ___% ENTER PERCENTAGE TRUCKS COME IN AND LEAVE LOADED
- 888 DON'T KNOW
- 999 REFUSED

FIRM INFORMATION

FACINT Finally, I am going to ask you a couple questions regarding your facility.

FAC1 Which of the following best describes your business?

- 1 Manufacturing
- 2 Wholesale Trade
- 3 Transportation and Warehousing
- 4 SOMETHING ELSE [SPECIFY]
- 888 DON'T KNOW
- 999 REFUSED

FAC1C **[IIF FAC1 = 1]** What type of industry is your company in?

- 1 AEROSPACE & AVIATION
- 2 AGRICULTURE & FOOD PROCESSING
- 3 BIO INDUSTRY
- 4 PLASTICS & ADVANCED COMPOSITES
- 5 HIGH-TECH
- 6 MINING & PRIMARY METALS
- 7 TRANSPORTATION & DISTRIBUTION
- 8 SUPPLIER INDUSTRIES [SPECIFY]
- 9 DEVELOPMENT INDUSTRIES [SPECIFY]
- 10 OTHER BASIC INDUSTRIES [SPECIFY]
- 888 DON'T KNOW
- 999 REFUSED

FAC2 How many employees are at your facility?

- ___ Enter number
- 999 999 OR MORE
- 8888 DON'T KNOW
- 9999 REFUSED

FAC2A **[IF FAC2 GT 999]** To the best of your knowledge which of the following categories best describes the number of employees at your facility?

- 1 Less than 5
- 2 5 to 10
- 3 11 to 25
- 4 26 to 100
- 5 101 to 500
- 6 500 to 999
- 7 1000 or <ore
- 888 DON'T KNOW
- 999 REFUSED

FAC2A Of that total how many are truck drivers?

- ___ ENTER NUMBER OF DRIVERS
- 888 DON'T KNOW
- 999 REFUSED

FAC3 What is the approximate square footage of your facility?

- 1 Less than 1,000
- 2 1,000 to 4,999
- 3 5,000 to 9,999
- 4 10,000 to 19,999
- 5 20,000 to 29,999
- 6 30,000 to 49,999
- 7 50,000 or more
- 888 DON'T KNOW
- 999 REFUSED

FAC4 What is your facility's operating hours on...?

- _____ Monday through Friday
- _____ The weekends
- 888 DON'T KNOW
- 999 REFUSED

FAC5 About how many destinations does your facility ship to within Maricopa, Pinal, and Yavapai Counties ?

- 1 Less than 5 **[SKIP TO FAC5B]**
- 2 5 to 10
- 3 11 to 25
- 4 26 to 50
- 5 50 or more
- 888 DON'T KNOW
- 999 REFUSED

[ALL]

GPSINT A lot of companies have been providing GPS logs or dispatch logs to us which has turned out to be very helpful with our modeling.

GPS1 Does your company keep GPS or dispatch logs?

- 1 YES BOTH
- 2 YES GPS LOGS
- 3 YES DISPATCH LOGS
- 4 NO **[SKIP TO THANK1]**
- 888 DON'T KNOW **[SKIP TO THANK1]**
- 999 REFUSED **[SKIP TO THANK1]**

GPS2 Would you be able to provide us with a copy of those from a peak day at our cost? **[IF NECESSARY: MAG will not be able to associate the dispatch logs with your company's name, etc.]**

- 1 YES
- 2 NO **[SKIP TO THANK1]**
- 888 DON'T KNOW **[SKIP TO THANK1]**
- 999 REFUSED **[SKIP TO THANK1]**

GPS3 Great, would you be able to email, fax, or send those to us? We will pay for postage / long distance.

- 1 EMAIL **[SKIP TO GPS4]**

- 2 FAX [**SKIP TO GPS5**]
- 3 MAIL [**SKIP TO GPS6**]
- 888 DON'T KNOW [**SKIP TO THANK1**]
- 999 REFUSED [**SKIP TO THANK1**]

GPS4 The email address you can send those to is dmattingley@nwrq.com. I would also like to get your email to send you a reminder. What is your email?

- ___ ENTER EMAIL
- 888 DON'T KNOW [**SKIP TO THANK2**]
- 999 REFUSED [**SKIP TO THANK2**]

GPS4A I entered _____ for your email is that correct?

- 1 YES [**SKIP TO THANK2**]
- 2 NO [**SKIP TO GPS4**]

GPS5 The fax number is (208) 364-0181, please fax those as soon as possible. May I get your email to follow up with you?

- ___ ENTER EMAIL
- 2 NO / DON'T HAVE ONE [**SKIP TO THANK2**]
- 888 DON'T KNOW [**SKIP TO THANK2**]
- 999 REFUSED [**SKIP TO THANK2**]

GPS5A I entered _____ for your email is that correct?

- 1 YES [**SKIP TO THANK2**]
- 2 NO [**SKIP TO GPS5**]

GPS6 The address you can send those to is Northwest Research Group, 225 North 9th Suite 200, in Boise, Idaho. Zip code is 83702. May I please get your email to follow up with you?

- ___ ENTER EMAIL
- 2 NO / DON'T HAVE ONE [**SKIP TO THANK2**]
- 888 DON'T KNOW [**SKIP TO THANK2**]
- 999 REFUSED [**SKIP TO THANK2**]

GPS6A I entered _____ for your email is that correct?

- 1 YES [**SKIP TO THANK2**]
- 2 NO [**SKIP TO GPS6**]

THANK YOU

For Completed Recruits:

- THANK1 Those are all of the questions I have. Thank you very much for participating in the Truck Survey. **[DISPOS = 40]**
- THANK2 Those are all of the questions I have. Thank you very much for participating in the Truck Survey. We will call or email you in a couple days to remind you to send those GPS or electronic dispatch records. **[DISPOS = 40]**
- THANK3 Thank you for your time, but we have completed the number of participants we need in your category. We appreciate your cooperation. Have a good day/night.
- THANK30 Thank you for your time, but we can not complete this survey as you don't have any outbound or inbound truck trips.
- THANK31 Thank you for your time, but we are completing this survey with companies who have inbound or outbound trucks larger than 2 axles and 4 tires.
- THANK32 Thank you for your time, but we are completing this survey with companies who either own, lease, or subcontract the trucks that make their inbound and outbound trips.
- THANK44 Thank you for your time, I will send you the link to complete the survey online right away.
- THANK00 Thank you for your time, but we have completed the number of participants we need in your category. We appreciate your cooperation. Have a good day/night.

For Refusals:

- THANK5 Thank you for your time today. Have a good day / night **[INITIAL REFUSAL; DISPOS=5]**
- THANK8 Thank you for your time, but we cannot continue without that information. Have a good day/night. **[SCREENER REFUSAL; DISPOS=8]**
- THANK19 Thank you for your time today. Have a good day/night. **[REFUSED SURVEY PARTICIPATION IN INTRO 1; DISPOS=19]**

Answering Machine:

Hello, this is _____ with Northwest Research Group, an independent opinion research firm calling on behalf of the Maricopa Association of Governments. Today/Tonight we are conducting a survey that will help MAG reduce traffic congestion and promote efficient movement of goods. Let me assure you this is not a sales call.

We will try to reach you at a more convenient time but in the meantime you can reach us toll-free at 1-866-461-0700. Please visit us on the web at www.nwrg.com. Thank you very much for your time and have a nice day/evening.

DISPOSITIONS

Disp#	Disposition	Display Type	Property	Incidence
		P/S/I/H	A/B/C/N/R/F	D/B/I
01	No Answer	P	A	D
02	Busy	P	B	D
03	Answering Machine	P	A	D
04	Message Left	H	A	B
05	Possible Disconnect	P	R	D
06	Targeted Respondent Not Available	S	F	D
07	Residential Number / Not a Business	P	F	D
08				
09	Spanish Language Barrier	S	F	D
10	Language Barrier (Other)	S	F	D
11	Other Communication Barrier	S	F	D
12	Require Supervisor Attention	S	F	D
13	Initial Refusal	S	R	D
14	Final Refusal	S	F	D
15	Never Call - SUPERVISOR	H	N	D
16	Screener Refusal	H	F	D
17	No Call List Mention	S	F	D
18	Privacy Manager	P	R	D
19	Refused Survey Participation (INTRO2)	H	F	D
20				
21	Callback Introduction	S	C	D
22	Interview In Progress	I	C	I
23	Mid-Terminate - SUPERVISOR	I	R	I
30	NQ- No Trucks In / Out (Q1 & Q2 = 0)	H	F	B
31	NQ – All Trucks In / Out = Light (Q1A & Q2A = 100% Light)	H	F	B
32	NQ - Don't own or subcontract trucks	H	F	B
33	NQ – ALL SHIPMENTS IN AND ALL SHIPMENTS OUT FROM OUTSIDE REGION	H	F	B
40	Complete	H	F	B
41	OQ – Medium	H	F	B
42	OQ – Heavy	H	F	B
43		H	F	B
44	Qualified send online version	H	F	B
45		H	F	B
46		H	F	B
47		H	F	B
48		H	F	B
49		H	F	B
50		H	F	B
51		H	F	B

Display Type:

P = Pre-Screener – First Screen With Contact Info (Prior To Contact With Respondent)
 S = Screener – After First Screen, Before QAL (After Contact With Respondent)
 I = Interview – Between QAL and CPL
 H = Hidden – Not Available To Interviewer

Property:

A = Answering Machine / No Answer
 B = Busy
 C = Callback
 N = Never Call
 R = Refusal
 F = Final

Incidence:

D = Don't include
 B = Base only
 I = Include

E. Geocoded Surveys

