

ARIZONA DEPARTMENT OF TRANSPORTATION

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ARIZONA HIGHWAY USER ORIGIN AND DESTINATION SURVEY

Final Report

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in cooperation with
U.S. Department of Transportation
Federal Highway Administration

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16. Abstract The key findings of this research are as follows: <ul style="list-style-type: none"> • 36% of Arizona residents travel outside their immediate area at least once a week. Fifteen percent of residents indicate they hardly ever or never travel outside their immediate area. • 39% out-of-state residents hardly ever visit Arizona. • 88% of commercial drivers travel outside their immediate area at least three times a week. • 80% of Arizona residents indicate in-state locations are their most frequent travel destinations. • 38% of out-of-state visitors are simply passing through the state on their way elsewhere. • 58% of commercial drivers indicate in-state locations as their most frequent travel destinations. • The most frequently traveled highway that Arizona residents is I-10. • Highways I-10 (40%) and I-40 (28%) are the most heavily traveled highways by non Arizona residents visiting the state. • Interstate 10 receives the lion's share of usage by commercial drivers (42%) followed by I-17 (13%) and US 60 (10%). 					
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METRIC (SI*) CONVERSION FACTORS

APPROXIMATE CONVERSIONS TO SI UNITS					APPROXIMATE CONVERSIONS TO SI UNITS				
Symbol	When You Know	Multiply By	To Find	Symbol	Symbol	When You Know	Multiply By	To Find	Symbol
LENGTH					LENGTH				
in	inches	2.54	centimeters	cm	mm	millimeters	0.039	inches	in
ft	feet	0.3048	meters	m	m	meters	3.28	feet	ft
yd	yards	0.914	meters	m	yd	meters	1.09	yards	yd
mi	miles	1.61	kilometers	km	km	kilometers	0.621	miles	mi
AREA					AREA				
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ft ²	square feet	0.0929	meters squared	m ²	m ²	meters squared	10.764	square feet	ft ²
yd ²	square yards	0.836	meters squared	m ²	yd ²	kilometers squared	0.39	square miles	mi ²
mi ²	square miles	2.59	kilometers squared	km ²	ha	hectares (10,000 m ²)	2.53	acres	ac
ac	acres	0.396	hectares	ha					
MASS (weight)					MASS (weight)				
oz	ounces	28.35	grams	g	g	grams	0.0353	ounces	oz
lb	pounds	0.454	kilograms	kg	kg	kilograms	2.205	pounds	lb
T	short tons (2000 lb)	0.907	megagrams	Mg	Mg	megagrams (1000 kg)	1.103	short tons	T
VOLUME					VOLUME				
fl oz	fluid ounces	29.57	milliliters	mL	mL	milliliters	0.034	fluid ounces	fl oz
gal	gallons	3.785	liters	L	L	liters	0.264	gallons	gal
ft ³	cubic feet	0.0328	meters cubed	m ³	m ³	meters cubed	35.315	cubic feet	ft ³
yd ³	cubic yards	0.765	meters cubed	m ³	m ³	meters cubed	1.308	cubic yards	yd ³
Note: Volumes greater than 1000 L shall be shown in m ³ .									
TEMPERATURE (exact)					TEMPERATURE (exact)				
°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C	°C	Celsius temperature	9/5 (then add 32)	Fahrenheit temperature	°F
These factors conform to the requirement of FHWA Order 5190.1A *SI is the symbol for the International System of Measurements									

TABLE OF CONTENTS

EXECUTIVE SUMMARY	1
INTRODUCTION	2
Arizona Resident Highway User Survey	2
Arizona Commercial Highway User Survey	4
Out-of-State Highway User Survey	5
OVERVIEW	6
General Travel Frequency	6
Trip Destinations	6
Specific Highway Usage	8
Trip Purpose	10
Travel Mode	10
SUMMARY OF THE FINDINGS	12
APPENDIX: Survey Questionnaires	31

LIST OF TABLES

	<u>page</u>
Table 1: General Travel Frequency--Arizona Residents	14
Table 2: Trip Destination--Arizona Residents	16
Table 3: Trip Destination--Arizona Residents: Detail	18
Table 4: Specific Highway Usage -- Arizona Residents	21
Table 5: Trip Purpose --Arizona Residents	22
Table 6: Travel Mode --Arizona Residents	23
Table 7: General Travel Frequency --Arizona Visitors	24
Table 8: Trip Destination --Arizona Visitors	25
Table 9: Specific Highway Usage --Arizona Visitors	26
Table 10: Trip Purpose --Arizona Visitors	27
Table 11: Travel Mode --Arizona Visitors	28
Table 12: General Travel Frequency --Arizona Commercial Drivers	29
Table 13: Trip Destination --Arizona Commercial Drivers	30
Table 14: Specific Highway Usage --Arizona Commercial Drivers	31
Table 15: Rural Highway Travel vs. Urban Highway Travel -- Arizona Commercial Drivers	32
Table 16: Gross Vehicle Weight --Arizona Commercial Drivers	32

EXECUTIVE SUMMARY

This study was commissioned by the Arizona Department of Transportation. The primary purpose of this study was to determine the trip origins and destinations of Arizona Highway users. The information contained in this report is based on a three-phased research effort consisting of: (1) an Arizona Resident Highway User Survey; (2) an Arizona Commercial User Survey, and; (3) an out-of-state Highway User Survey conducted between June and October, 1999.

The key findings of this research are as follows:

GENERAL TRAVEL FREQUENCY

- Better than one-third of **Arizona residents** (36%) indicate they travel outside their immediate area at least once a week while 29 percent do so one to two times a month and 20 percent one to three times per year. Fifteen percent of residents indicate they hardly ever or never travel outside their immediate area.
- Few **out-of-state residents** visit Arizona with any frequency with 78 percent indicating they hardly ever visit (39%) or only visit one to three times per year (39%).
- Nearly nine out of ten **commercial drivers** (88%) travel outside their immediate area at least three times a week with 24 percent doing so daily and 64 percent three to six times per week.

TRIP DESTINATIONS

- Eighty percent of **Arizona residents** indicate in-state locations are their most frequent travel destinations when they venture outside their immediate areas while 20 percent indicate out-of-state locations (17% other state, 3% Mexico). The top four counties visited overall are Maricopa (17%), Pima (13%), Coconino (11%) and Yavapai (10%).
- Thirty-eight percent of **out-of-state visitors** are simply passing through the state on their way elsewhere. The most frequently visited in-state destinations among visitors are within Maricopa (22%), Coconino (15%) and Pima (12%) counties.
- Fifty-eight percent of **commercial drivers** indicate in-state locations as their most frequent travel destinations while 42 percent indicate out-of-state locations. The top four counties visited by commercial drivers are Pima (17%), Mohave (9%), Coconino (8%), and Navajo (5%) while California is by far and away the most frequently visited out-of-state location (24%).

SPECIFIC HIGHWAY USAGE

- The most frequently traveled highway that **Arizona residents** utilize to reach their most frequently visited destinations outside their immediate area is I-10 which is utilized on nearly one-third of total trips (31%).
- Highways I-10 (40%) and I-40 (28%) are the most heavily traveled highways by **non Arizona residents visiting the state** – followed by I-19 (11%) and, I-8 (9%).
- Interstate 10 receives the lion's share of usage by **commercial drivers** (42%) followed by I-17 (13%) and US 60 (10%).

INTRODUCTION

This study was commissioned by the Arizona Department of Transportation. The primary purpose of this study was to determine the trip origins and destinations of Arizona Highway users. This information is important in determining the appropriate allocation of Arizona highway funds.

The information contained in this report is based on a three-phased research effort consisting of: (1) an Arizona Resident Highway User Survey; (2) an Arizona Commercial Highway User Survey, and; (3) an Out-of-State Highway User Survey. The specifics of each of these phases are presented on the following pages.

ARIZONA RESIDENT HIGHWAY USER SURVEY

This phase of the research consisted of 1,605 telephone interviews conducted with a cross section of licensed urban and rural Arizona drivers. A sample of this size was utilized because it allows for an accurate representation of statewide highway use patterns and allows for meaningful analysis within the state's four key geographic sub-regions: metro Phoenix, metro Tucson, rural north and rural south.

<u>GEOGRAPHIC SAMPLING AREA</u>	<u>NUMBER OF INTERVIEWS</u>
Total state	1,605
Metro Phoenix (Maricopa County)	604
Metro Tucson (Pima County)	400
Rural North (Apache, Coconino, Mohave, Navajo, Yavapai)	300
Rural South (Cochise, Gila, Graham, Greenlee, La Paz, Pinal, Santa Cruz, Yuma)	301

Respondent selection of this project phase was accomplished via a computer-generated, random digit dial telephone sample which selects households based on residential telephone prefixes and includes all unlisted and newly listed households. This methodology was selected because it ensures a randomly selected sample of households proportionately allocated throughout the sample universe.

All of the interviewing on this project phase was conducted during June and July 1999 at the Center's central location Computer-Assisted Telephone Interviewing (CATI) facility where each interviewer worked under the direct supervision of BRC supervisory personnel. All of the

interviewers who worked on this project were professional interviewers of the Center. Each had prior experience with BRC and received a thorough briefing on the particulars of this study. During the briefing, the interviewers were trained on: (a) the purpose of the study; (b) sampling procedures; (c) administration of the questions; and (d) other project-related factors. In addition, each interviewer completed a set of practice interviews to ensure that all procedures were understood and followed.

Interviewing on this project phase was conducted during an approximately equal cross-section of evening and weekend hours. This procedure was followed to ensure that all households were equally represented, regardless of work schedules. Further, during the interviewing segment of this study, up to six separate attempts, on different days and during different times of day, were made to contact each selected resident. Only after six unsuccessful attempts was a selected household substituted in the sample. Using this methodology, the full sample was completed, and partially completed interviews were not accepted nor counted toward fulfillment of the total sample quotas.

One hundred percent of the completed interviews were edited, and any containing errors of administration were pulled, the respondent re-called, and the errors corrected. In addition, 15 percent of each interviewer's work was randomly monitored to ensure its authenticity and correctness. No problems were encountered during this phase of interviewing quality control.

As the data collection segment of this project phase was being undertaken, completed interviews were turned over to BRC's in-house coding department. The coding department edited, validated and coded the interviews. Upon completion of coding, a series of validity and logic checks were run on the data to insure it was "clean." Following this procedure, the survey data was weighted so that the final study results accurately represented the true geographic distribution of Arizona's population.

<u>GEOGRAPHIC SAMPLING AREA</u>	<u>SAMPLE DISTRIBUTION</u>	
	<u>UNWEIGHTED</u>	<u>WEIGHTED</u>
Metro Phoenix	37.6%	58.9%
Metro Tucson	24.9	17.3
Rural North	18.7	11.9
Rural South	<u>18.8</u>	<u>11.9</u>
	100.0%	100.0%

When analyzing the results of this project phase, it should be kept in mind that all surveys are subject to sampling error. Sampling error, stated simply, is the difference between the results obtained from a sample and those which would be obtained by surveying the entire population under consideration. The size of sampling error varies, to some extent, with the number of interviews completed and with the division of opinion on a particular question.

An estimate of the sampling error range for this project phase is provided in the following table. The sampling error presented in the table has been calculated at the confidence level most frequently used by social scientists, the 95 percent level. The sampling error figures shown in the table are average figures that represent the maximum error for the sample bases shown (i.e., for the survey findings where the division of opinion is approximately 50%/50%). Survey

findings that show a one-sided distribution of opinion, such as 70%/30% or 90%/10%, are usually subject to slightly lower sampling tolerances than those shown in the table.

As may be seen in the table, the overall sampling error for this project phase is approximately +/- 2.5 percent when the sample is studied in total (i.e., all 1,605 cases). However, when subsets of the total sample are studied, the amount of sampling error increases based on the sample size within the subset. For example, the sampling errors for each of the four geographic sub-regions in this study are: metro Phoenix (+/-4.1%), metro Tucson (+/-5.0%), rural north (+/-5.8%), rural south (+/-5.8%).

<u>Sample Size</u>	<u>Approximate Sampling Error At A 95% Confidence Level (Plus/Minus Percentage Of Sampling Tolerance)</u>
1,600	2.5
1,200	2.9
800	3.5
400	5.0
200	7.1

ARIZONA COMMERCIAL HIGHWAY USER SURVEY

This phase of the research consists of 143 interviews conducted with a cross-section of commercial Arizona highway users located in metro Phoenix and metro Tucson. Drivers who participated in this project were interviewed via a self-administered questionnaire distributed at their place of work and were provided with a postage-paid envelope to facilitate in returning the questionnaire to BRC. The list of transportation companies that participated in this project was obtained from the Arizona Motor Transport Association and represented a sampling of small, medium and large transportation companies. The following companies participated in this project.

Conway Western Express	Hurley Transportation
Coastal Transport	Roads West
J & L Transportation	Rodeway Express
UPS	Atlas Forklift Rentals
Knight Transportation	Empire Transport
Swift Transportation	Hadley Auto Transport
Horizon Moving Systems	Safeway Stores

Interviewing on this project phase was conducted between August and October 1999. The margin of error for this project phase is approximately +/- 8.4 percent at a 95 percent confidence level.

OUT-OF-STATE HIGHWAY USER SURVEY

This phase of the research consisted of 433 intercept interviews conducted with out-of-state drivers. These interviews were conducted at the following six rest stop areas located near

Arizona's borders. The number of interviews conducted at each rest area was based on its approximate proportional distribution of total traffic at the six sites. All of the interviewing on this study phase was conducted by professional interviewers of BRC in July 1999 between the hours of 6:00 a.m. and 6:00 p.m. The margin of error for this project phase is approximately +/- 5.0 percent at a 95 percent confidence level.

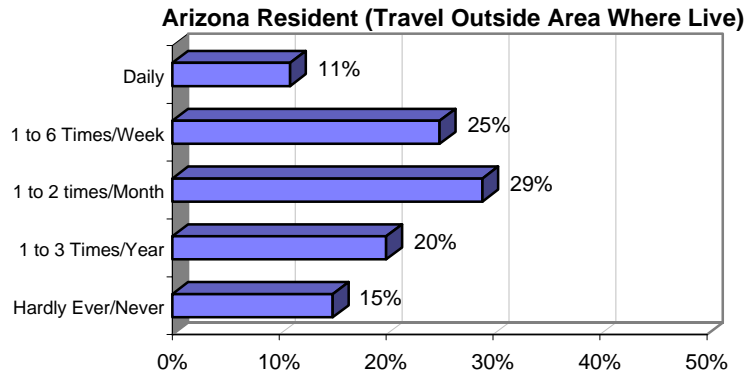
<u>INTERSTATE</u>	<u>APPROXIMATE REST AREA SITE</u>	<u>NUMBER OF INTERVIEWS</u>
New Mexico border		
I-40	Lupton	84
I-10	San Simon	58
Mexico border		
I-19	Nogales	58
California border		
I-8	Yuma	68
I-10	Ehrenberg	101
I-40	Topock (AZ side)	<u>64</u>
Total		433

The Behavior Research Center has presented all of the data germane to the basic research objectives of this project. However, if the Arizona Transportation Research Center requires additional data retrieval or interpretation, we stand ready to provide such input.

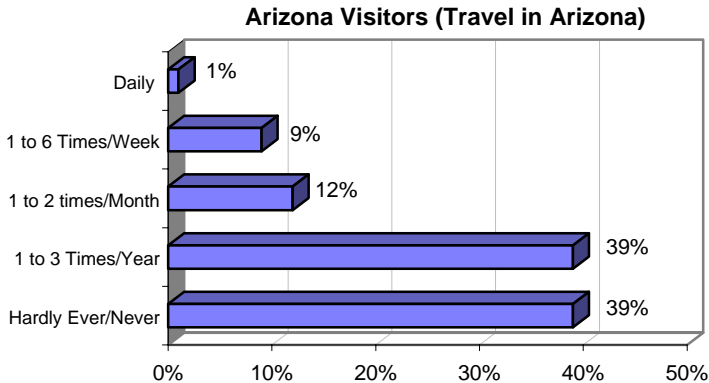
OVERVIEW

GENERAL TRAVEL FREQUENCY

Better than one-third of Arizona residents (36%) indicate they travel outside their immediate area at least once a week while 29 percent do so one to two times a month and 20 percent one to three times per year. Fifteen percent of residents indicate they hardly ever or never travel outside their immediate area. Rural residents of the state reveal much higher travel frequencies than urban residents with 61 percent of rural north residents and 48 percent of rural south residents indicating they travel outside their immediate area at least once a week.



Few out-of-state residents visit Arizona with any frequency with 78 percent indicating they hardly ever visit (39%) or only visit one to three times per year (39%). Among non-commercial visitors, the figure raises to 89 percent (45% hardly ever, 44% 1-3 times per year).

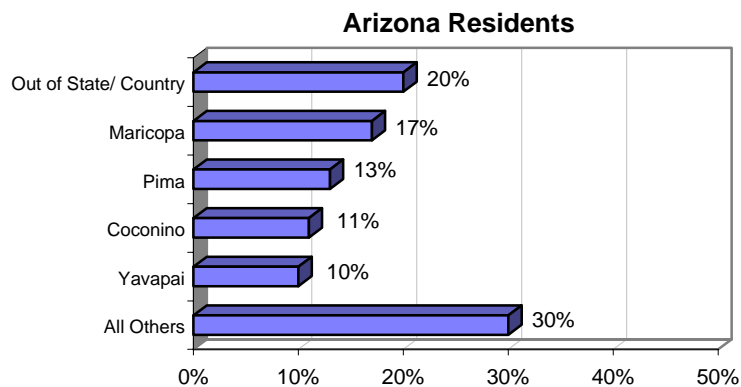


Nearly nine out of ten commercial drivers (88%) travel outside their immediate area at least three times a week with 24 percent doing so daily and 64 percent three to six times per week.

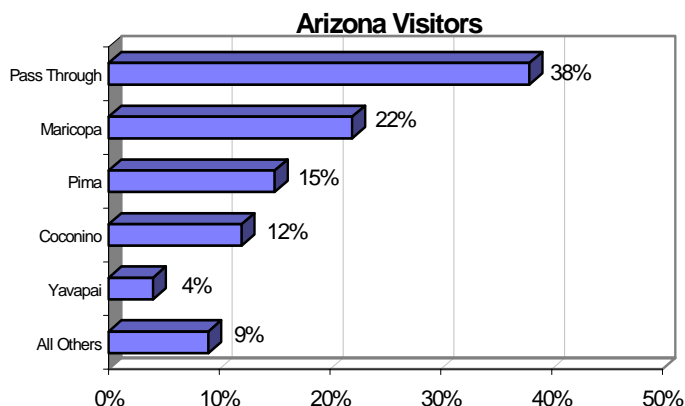
TRIP DESTINATIONS

Eighty percent of Arizona residents indicate in-state locations are their most frequent travel destinations when they venture outside their immediate areas while 20 percent indicate out-of-state locations (17% other state, 3% Mexico). The top four counties visited overall are Maricopa (17%), Pima (13%), Coconino (11%) and Yavapai (10%), however, as noted below, travel destinations vary sharply depending on ones point of origin.

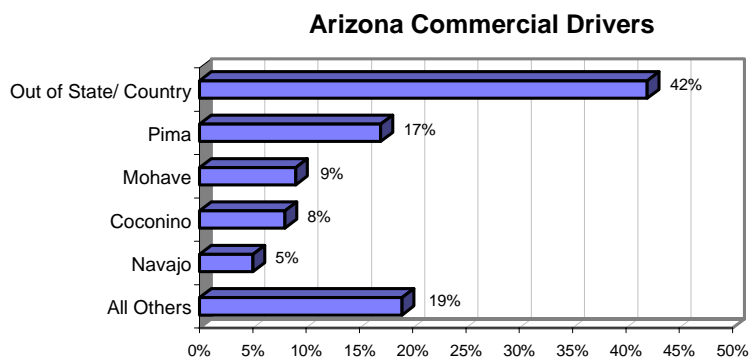
<u>TRIP ORIGIN</u>	<u>TOP DESTINATIONS</u>	<u>TRIP ORIGIN</u>	<u>TOP DESTINATIONS</u>
Maricopa County	<ul style="list-style-type: none"> - Out-of-State (30%) - Coconino (19%) - Pinal (13%) - Yavapai (12%) - Pima (8%) - Gila (6%) 	Rural North	<ul style="list-style-type: none"> - Yavapai (25%) - Out-of-State (24%) - Maricopa (20%) - Coconino (16%) - Navajo (11%)
Pima County	<ul style="list-style-type: none"> - Maricopa (34%) - Pima (24%) - Cochise (9%) - Santa Cruz (8%) - Pinal (7%) 	Rural South	<ul style="list-style-type: none"> - Pima (22%) - Maricopa (17%) - Cochise (11%) - Pinal (10%) - Yuma (9%) - Gila (7%)



Thirty-eight percent of out-of-state visitors are simply passing through the state on their way elsewhere. This figure raises to 58 percent among commercial visitors. The most frequently visited in-state destinations among visitors are within Maricopa (22%), Pima (15%) and Coconino (12%) counties.



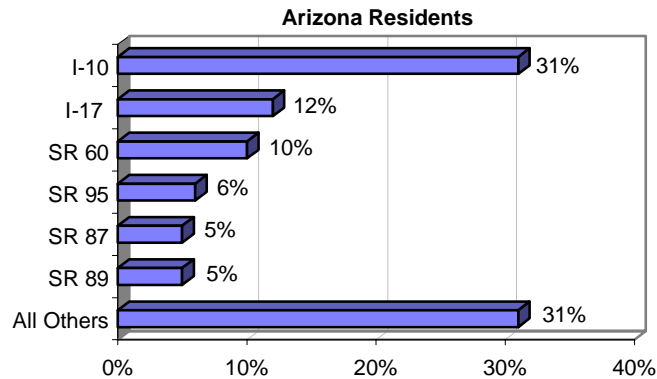
Fifty-eight percent of commercial drivers indicate in-state locations as their most frequent travel destinations while 42 percent indicate out-of-state locations. The top four counties visited by commercial drivers are Pima (17%), Mohave, (9%), Coconino (8%), and Navajo (5%) while California is by far and away the most frequently visited out-of-state location (24%).



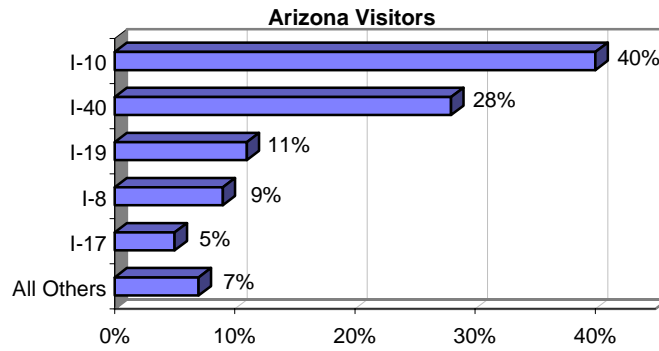
SPECIFIC HIGHWAY USAGE

The most frequently traveled highway that Arizona residents utilize to reach their most frequently visited destinations outside their immediate area is I-10 which is utilized on nearly one-third of total trips (31%). As might be expected, use of I-10 is particularly high among urban Arizona residents.

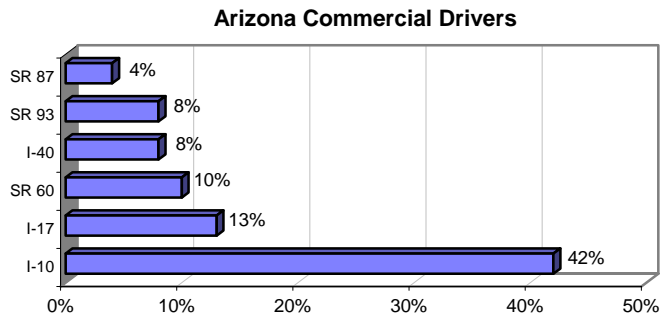
<u>TRIP ORIGIN</u>	<u>TOP ROUTES</u>	<u>TRIP ORIGIN</u>	<u>TOP ROUTES</u>
Maricopa County	- I-10 (42%) - I-17 (24%) - SR87 (11%) - US 60 (10%)	Rural North	- SR89 (19%) - I-17 (18%) - I-40 (12%) - SR69 (9%) - SR95(7%)
Pima County	- I-10 (65%) - I-19 (18%) - SR77 (8%)	Rural South	- I-10 (25%) - US60 (19%) - SR95 (13%) - I-8 (7%)



Highways I-10 (40%) and I-40 (28%) are the most heavily traveled highways by non-Arizona residents visiting the state B followed by I-19 (11%) and, I-8 (9%).

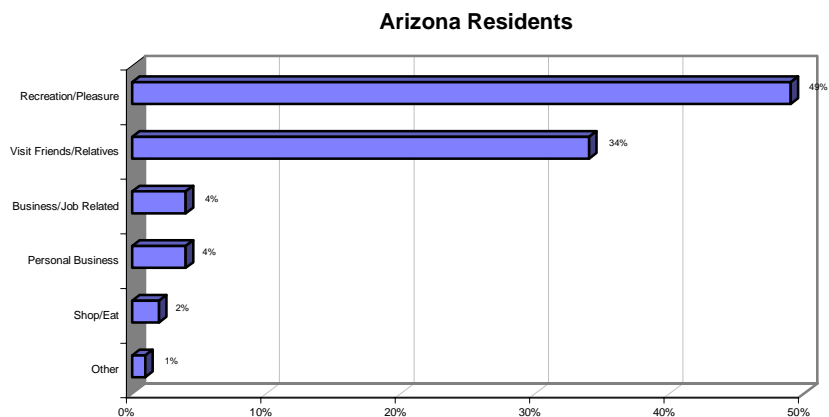


Interstate 10 receives the lion's share of usage by commercial drivers (42%) followed by I-17 (13%) and US 60 (10%).

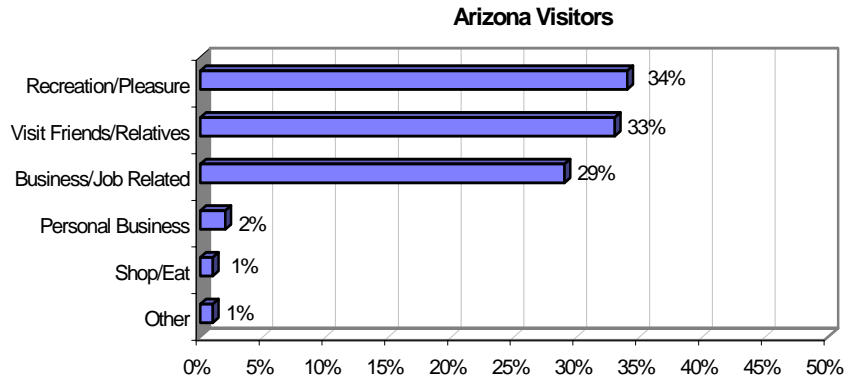


TRIP PURPOSE

By far and away the primary reasons that Arizona residents travel outside their immediate area are for recreation or pleasure (49%) or to visit friends or relatives (34%). In comparison, only 17 percent travel for business or job related reasons. Rural residents are far more likely than urban residents to travel for business or job related reasons (rural north 29%, rural south 27%).

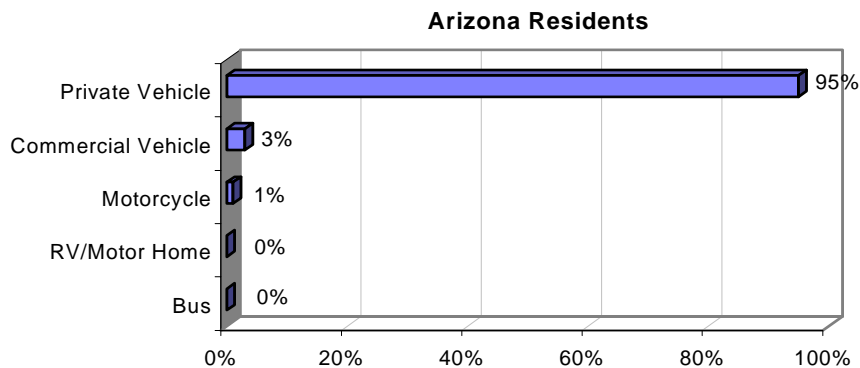


The primary reasons out-of-state visitors come to Arizona is to visit friends or relatives (34%) or for recreation purposes (33%). Among non-commercial visitors, these figures rise to 43 percent for visiting friends and relatives and 41 percent for recreation or pleasure.

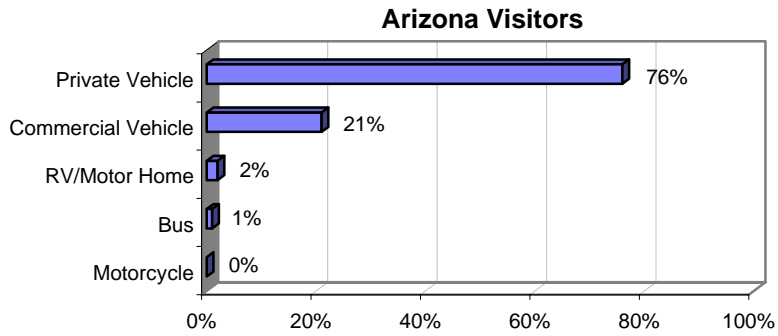


TRAVEL MODE

Ninety-five percent of Arizona residents use a private vehicle when traveling outside their immediate area. This pattern is consistent regardless of where their trip originates.



Seventy-six percent of out-of-state visitors come to Arizona in a private vehicle while 21 percent travel in a commercial vehicle. Among non-commercial visitors, the private vehicle percentage rises to 94 percent.



SUMMARY OF THE FINDINGS

ARIZONA RESIDENTS - TRAVEL PATTERNS

GENERAL TRAVEL FREQUENCY (TABLE 1)

Better than one-third of Arizona residents (36%) indicate they travel outside their immediate area at least once a week while 29 percent do so one to two times a month and 20 percent one to three times per year. Fifteen percent of residents indicate they hardly ever or never travel outside their immediate area. Rural residents of the state reveal much higher travel frequencies than urban residents with 61 percent of rural north residents and 48 percent of rural south residents indicating they travel outside their immediate area at least once a week. In comparison, only 32 percent of Maricopa County and 26 percent of Pima County residents travel outside their respective metro areas at least once a week.

TABLE 1: GENERAL TRAVEL FREQUENCY --
ARIZONA RESIDENTS

“How often, if ever, do you drive outside (the metro Phoenix/the metro Tucson/your local community) or area?”

	PLACE OF RESIDENCE				
	TOTAL	Maricopa	Pima	Rural North	Rural South
Daily	11%	11%	6%	17%	14%
3 to 6 times per week	10	8	8	18	12
1 to 2 times per week	15	13	12	26	22
1 to 2 times per month	29	29	32	24	25
1 to 3 times per year	20	22	26	7	14
Hardly ever/never	<u>15</u>	<u>17</u>	<u>16</u>	<u>8</u>	<u>13</u>
	100%	100%	100%	100%	100%

TRIP DESTINATIONS (TABLES 2-3)

Eighty percent of Arizona residents indicate in-state locations are their most frequent travel destinations when they venture outside their immediate areas while 20 percent indicate out-of-state locations (17% other state, 3% Mexico). The top four counties visited overall are Maricopa (17%), Pima (13%), Coconino (11%) and Yavapai (10%), however, as noted below, travel destinations vary sharply depending on ones point of origin.

<u>TRIP ORIGIN</u>	<u>TOP DESTINATIONS</u>
Maricopa County	<ul style="list-style-type: none"> - Out-of-State (28%) - Coconino (19%) - Pinal (13%) - Yavapai (12%) - Pima (8%) - Gila (6%)
Pima County	<ul style="list-style-type: none"> - Maricopa (34%) - Pima (24%) - Cochise (9%) - Santa Cruz (8%) - Pinal (7%)
Rural North	<ul style="list-style-type: none"> - Yavapai (25%) - Out-of-State (24%) - Maricopa (20%) - Coconino (16%) - Navajo (11%)
Rural South	<ul style="list-style-type: none"> - Pima (22%) - Maricopa (17%) - Cochise (11%) - Pinal (10%) - Yuma (9%) - Gila (7%)

TABLE 2: TRIP DESTINATION --
ARIZONA RESIDENTS

“When you travel outside (the metro Phoenix/the metro Tucson/your local community or) area, where do you most often go?”

“How many times per year do you travel there?”

“And where do you go second most often when you travel outside (the metro Phoenix/the metro Tucson/your local community or) area?”

“How many times per year do you travel there?”

<u>TRIP DESTINATION</u>	<u>TRIP ORIGIN</u>				
	<u>TOTAL</u>	Maricopa	Pima	Rural North	Rural South
Maricopa	17%	6%	34%	20%	17%
Pima	13	8	24	1	22
Coconino	11	19	6	16	*
Yavapai	10	12	*	25	*
Pinal	8	13	7	*	10
Cochise	5	*	9	0	11
Gila	5	6	4	*	7
Navajo	4	2	1	11	2
Yuma	3	1	*	*	9
Santa Cruz	2	1	8	0	1
Mohave	2	3	0	3	*
Graham	1	0	*	*	5
Apache	*	*	*	1	0
La Paz	*	*	*	*	*
Greenlee	*	0	*	*	*
Other State	17	28	6	24	8
Mexico	<u>3</u>	<u>2</u>	<u>1</u>	<u>*</u>	<u>7</u>
	101%	101%	100%	102%	100%

*Indicates % less than .5
Totals may not equal 100% due to rounding

NOTE: Table percentages are based on locations visited and frequency of visits per year (Q2x2a, Q3x3a) for “most often” and “second most often” visited destinations.

When trip destinations are analyzed by specific areas visited, the following locations receive the highest visitation levels overall: metro Phoenix (14%), metro Tucson (9%), Prescott (8%), California (8%), Flagstaff (6%). Again, the specific areas visited vary sharply depending on one's point of origin.

<u>TRIP ORIGIN</u>	<u>TOP DESTINATIONS</u>
Maricopa County	<ul style="list-style-type: none"> - California (16%) - Flagstaff (14%) - Prescott (10%) - Metro Tucson (8%) - Payson area (4%)
Pima County	<ul style="list-style-type: none"> - Metro Phoenix (34%) - Rural Pima (21%) - Nogales (7%)
Rural North	<ul style="list-style-type: none"> - Prescott (20%) - Metro Phoenix (18%) - New Mexico (9%) - Show Low (9%) - Flagstaff (8%) - Nevada (6%)
Rural South	<ul style="list-style-type: none"> - Metro Tucson (20%) - Metro Phoenix (15%) - Yuma area (9%) - Sierra Vista (7%) - Mexico (7%)

TABLE 3: TRIP DESTINATION --
ARIZONA RESIDENTS: DETAIL

TRIP DESTINATION	TRIP ORIGIN				
	TOTAL	Maricopa	Pima	Rural North	Rural South
MARICOPA	17%	6%	34%	20%	17%
Metro Phoenix	14	1	34	18	15
Rural	3	5	*	2	2
PIMA	13	8	24	1	22
Metro Tucson	9	8	3	1	20
Rural	4	*	21	0	2
COCONINO	11	19	6	16	*
Flagstaff	6	14	1	8	*
Sedona	3	2	1	8	0
Other	2	3	4	*	*
YAVAPAI	10	12	*	25	*
Prescott	8	10	*	20	*
Other	2	2	0	5	*
PINAL	8	13	7	*	10
Casa Grande area	3	3	1	0	6
Other	5	10	6	*	4
COCHISE	5	*	9	0	11
Sierra Vista	2	*	1	0	7
Bisbee	1	*	3	0	*
Other	2	*	5	0	4
GILA	5	6	4	*	7
Payson area	4	4	4	*	6
Other	1	2	*	*	1
NAVAJO	4	2	1	11	2
Show Low area	3	2	1	9	2
Other	1	*	0	2	0

(CONTINUED)

(CONT) TABLE 3: TRIP DESTINATION --
ARIZONA RESIDENTS: DETAIL

<u>TRIP DESTINATION</u>	<u>TRIP ORIGIN</u>				
	<u>TOTAL</u>	<u>Maricopa</u>	<u>Pima</u>	<u>Rural North</u>	<u>Rural South</u>
YUMA	3%	1%	*%	*%	9%
Yuma area	3	1	*	*	9
SANTA CRUZ	2	1	8	0	1
Nogales	2	1	7	0	1
Other	*	0	1	0	0
MOHAVE	2	3	0	3	*
Lake Havasu City	1	3	0	*	*
Other Mohave	1	0	0	3	*
GRAHAM	1	0	*	*	5
APACHE	*	*	*	1	0
LA PAZ	*	*	*	*	*
GREENLEE	*	0	*	*	*
OTHER STATE	17	28	6	24	8
California	8	16	2	5	5
New Mexico	3	1	1	9	2
Nevada	2	2	1	6	*
Colorado	1	1	1	3	*
Other	3	8	1	1	1
MEXICO	<u>3</u>	<u>2</u>	<u>1</u>	<u>*</u>	<u>7</u>
	101%	101%	100%	102%	100%

*Indicates % less than .5
Totals may not equal 100% due to rounding

NOTE: Table percentages are based on locations visited and frequency of visits per year (Q2x2a, Q3x3a) for "most often" and "second most often" visited destinations.

SPECIFIC HIGHWAY USAGE (TABLE 4)

The most frequently traveled highway that Arizona residents utilize to reach their most frequently visited destinations outside their immediate area is I-10 which is utilized on nearly one-third of total trips (31%). As might be expected, use of I-10 is particularly high among urban Arizona residents.

<u>TRIP ORIGIN</u>	<u>TOP ROUTES</u>
Maricopa County	- I-10 (42%) - I-17 (24%) - SR87 (11%) - US 60 (10%)
Pima County	- I-10 (65%) - I-19 (18%) - SR77 (8%)
Rural North	- SR89 (19%) - I-17 (18%) - I-40 (12%) - SR69 (9%) - SR95 (7%)
Rural South	- I-10 (25%) - US60 (19%) - SR95 (13%) - I-8 (7%)

TABLE 4: SPECIFIC HIGHWAY
USAGE -- ARIZONA RESIDENTS

“Which highway or route do you normally use to reach that location?”

<u>HIGHWAYS</u>	<u>TRIP ORIGIN</u>				
	<u>TOTAL</u>	<u>Maricopa</u>	<u>Pima</u>	<u>Rural North</u>	<u>Rural South</u>
I-10	31%	42%	65%	2%	25%
I-17	12	24	1	18	*
60	10	10	*	3	19
95	6	3	*	7	13
87	5	11	*	2	5
89	5	3	*	19	*
I-19	4	*	18	0	4
I-40	3	1	*	12	*
I-8	3	1	*	*	7
77	2	0	8	5	1
69	2	1	0	9	0
191	2	0	0	4	5
90	2	0	*	0	5
93	1	1	*	3	*
80	1	*	*	0	2
260	1	*	0	3	1
70	1	0	0	*	3
84	1	*	0	0	2
92	1	0	0	0	2
264	1	0	0	3	0
179	1	*	0	3	0
86	*	0	3	0	0
All others	<u>5</u> 100%	<u>1</u> 100%	<u>5</u> 100%	<u>6</u> 100%	<u>6</u> 100%

*Indicated % less than .5

NOTE: Table percentages are based on locations visited and frequency of visits per year (Q2x2a, Q3x3a) for “most often” and “second most often” visited destinations.

TRIP PURPOSE (TABLE 5)

By far and away the primary reasons that Arizona residents travel outside their immediate area are for recreation or pleasure (49%) or to visit friends or relatives (34%). In comparison, only 17 percent travel for business or job related reasons. Note, however, that rural residents are far more likely than urban residents to travel for business or job related reasons (rural north 29%, rural south 27%).

TABLE 5: TRIP PURPOSE --
ARIZONA RESIDENTS

“When you travel to that location, is it normally for business, recreation, to visit friends or relatives or for some other reason?”

<u>TRIP</u> <u>PURPOSE</u>	<u>TRIP ORIGIN</u>				
	<u>TOTAL</u>	<u>Maricopa</u>	<u>Pima</u>	<u>Rural North</u>	<u>Rural South</u>
Recreation/pleasures	49%	58%	47%	32%	37%
Visit friends/relatives	34	31	37	40	36
Business/job related	17	12	15	29	27
Personal business	4	1	1	5	5
Shop/eat meal	2	*	2	5	5
School	*	*	0	1	*
Serve passenger	<u>*</u>	<u>0</u>	<u>*</u>	<u>0</u>	<u>0</u>
	107%	103%	102%	112%	110%

Totals exceed 100% due to multiple trip purposes

*Indicates % less than .5

TRAVEL MODE (TABLE 6)

Ninety-five percent of Arizona residents use a private vehicle when traveling outside their immediate area. This pattern is consistent regardless of where their trip originates.

TABLE 6: TRAVEL MODE --
ARIZONA RESIDENTS

“And when you travel to that location, what type of vehicle do you typically drive or ride in?”

<u>TRAVEL MODE</u>	TOTAL	<u>TRIP ORIGIN</u>			
		Maricopa	Pima	Rural North	Rural South
Private vehicle (car, van, light truck)	95%	94%	97%	96%	97%
Commercial vehicle	3	4	3	2	1
Motorcycle	1	1	*	1	1
RV/motor home	*	*	*	1	1
Bus	*	<u>1</u>	<u>*</u>	<u>0</u>	<u>0</u>
	100%	100%	100%	100%	100%

*Indicates % less than .5

ARIZONA VISITORS TRAVEL PATTERNS

GENERAL TRAVEL FREQUENCY (TABLE 7)

Few non-residents visit Arizona with any frequency with 78 percent indicating they hardly ever visit (39%) or only visit one to three times per year (39%). Among non-commercial visitors, the figure raises to 89 percent (45% hardly ever, 44% 1-3 times per year). Also notice in Table 7 that visitors who enter through the Nogales entry point tend to visit with more frequency than visitors entering through the other entry points studied.

**TABLE 7: GENERAL TRAVEL FREQUENCY --
ARIZONA VISITORS**

“How often do you travel in Arizona?”

	ENTRY POINT							VISITOR TYPE	
	TOTAL	Lupton	San Simon	No-gales	Yuma	Ehren-berg	To-pock	Non-Com-mercial	Com-mercial
Daily	1%	0%	0%	2%	3%	1%	0%	*%	3%
3 to 6 times per week	2	2	2	5	3	1	0	1	6
1 to 2 times per week	7	4	5	12	7	6	13	3	27
1 to 2 times per month	12	5	8	19	15	13	13	7	29
1 to 3 times per year	39	27	33	46	44	44	38	44	18
Hardly ever	<u>39</u>	<u>62</u>	<u>52</u>	<u>16</u>	<u>28</u>	<u>35</u>	<u>38</u>	<u>45</u>	<u>17</u>
	100%	100%	100%	100%	100%	100%	100%	100%	100%

*Indicates % less than .5

TRIP DESTINATIONS (TABLE 8)

Thirty-eight percent of non-resident Arizona visitors are simply passing through the state on their way elsewhere. This figure raises to 58 percent among commercial visitors. The most frequently visited in-state destinations among visitors are within Maricopa (22%), Coconino (15%) and Pima (12%) counties.

TABLE 8: TRIP DESTINATION --
ARIZONA VISITORS

“When you travel in Arizona, where do you most often go?”

<u>Destination</u>	<u>ENTRY POINT</u>							<u>VISITOR TYPE</u>	
	<u>TOTAL</u>	<u>Lupton</u>	<u>San Simon</u>	<u>No-gales</u>	<u>Yuma</u>	<u>Ehren-Berg</u>	<u>To-pock</u>	<u>Non-Com-mercial</u>	<u>Com-mercial</u>
Maricopa	22%	14%	22%	17%	34%	34%	8%	21%	27%
Coconino	15	37	14	3	6	4	23	18	2
Pima	12	5	19	48	7	4	0	15	4
Mohave	4	4	0	0	4	2	13	4	4
Santa Cruz	2	0	0	12	2	0	0	2	2
Yavapai	2	0	0	0	0	5	3	2	0
Pinal	2	0	2	2	3	3	0	2	1
Cochise	1	0	3	2	0	1	0	1	0
Yuma	1	0	0	2	4	0	0	1	2
Navajo	1	1	0	0	3	0	2	1	0
Apache	*	1	0	0	2	0	0	*	1
La Paz	*	1	0	0	0	1	0	*	1
Graham	*	0	0	0	2	0	0	*	0
Pass through	<u>38</u> 100%	<u>37</u> 100%	<u>40</u> 100%	<u>14</u> 100%	<u>34</u> 100%	<u>46</u> 100%	<u>51</u> 100%	<u>33</u> 100%	<u>58</u> 100%

*Indicates % less than .5

SPECIFIC HIGHWAY USAGE (TABLE 9)

Highways I-10 (40%) and I-40 (28%) are the most heavily traveled highways by non-Arizona residents visiting the state B particularly commercial visitors (I-10 45%, I-40 30%).

TABLE 9: SPECIFIC HIGHWAY USAGE --
ARIZONA VISITORS

“Which highway or route do you normally use to reach that location?”

<u>Highways</u>	<u>ENTRY POINT</u>							<u>VISITOR TYPE</u>	
	<u>TOTAL</u>	<u>Lupton</u>	<u>San Simon</u>	<u>No-gales</u>	<u>Yuma</u>	<u>Ehren-Berg</u>	<u>To-pock</u>	<u>Non-Com-mercial</u>	<u>Com-mercial</u>
I-10	40%	4%	79%	25%	42%	81%	9%	40%	45%
I-40	28	67	11	1	7	5	82	25	30
I-19	11	2	0	69	2	2	0	12	6
I-8	9	0	0	5	44	0	0	9	10
I-17	5	9	6	0	2	5	3	4	5
64	3	14	2	0	0	2	0	4	0
60	1	2	0	0	1	4	0	2	0
95	1	0	0	0	0	1	4	1	1
All others	<u>2</u>	<u>2</u>	<u>2</u>	<u>0</u>	<u>4</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>3</u>
	100%	100%	100%	100%	100%	100%	100%	100%	100%

Totals may exceed 100% due to rounding

TRIP PURPOSE (TABLE 10)

The primary reasons non-commercial Arizona visitors come to Arizona is to visit friends or relatives (43%) or for recreation or pleasure (41%). Only 11 percent travel to Arizona for business or job related reasons.

TABLE 10: TRIP PURPOSE --
ARIZONA VISITORS

“When you travel to that location, is it normally for business, recreation, to visit friends or relatives or for some other reason?”

<u>Trip Purpose</u>	<u>VISITOR TYPE</u>		
	<u>TOTAL</u>	<u>Non Com- mercial</u>	<u>Com- mercial</u>
Visiting friends/relatives	34%	43%	0%
Recreation/pleasure	33	41	2
Business/job-related	29	11	97
Moving	2	2	1
Personal business	1	2	0
Service passenger	1	2	0
Shop/eat meal	*	*	0
	<u>100%</u>	<u>100%</u>	<u>100%</u>

Totals exceed 100% due to rounding
*Indicates % less than .5

TRAVEL MODE (TABLE 11)

Ninety-four percent of non-commercial visitors come to Arizona in a private vehicle.

TABLE 11: TRAVEL MODE --
ARIZONA VISITORS

“And when you travel to that location, what type of vehicle do you typically drive or ride in?”

<u>Travel Mode</u>	<u>VISITOR TYPE</u>		
	<u>TOTAL</u>	<u>Non Com-mercial</u>	<u>Com-mercial</u>
Private vehicle (car, van, light truck)	76%	94%	4%
Commercial vehicle	21	2	96
RV/motor home	2	3	0
Bus	1	1	0
Motorcylce	*	*	0
	100%	100%	100%

Totals exceed 100% due to rounding
*Indicates % less than .5

ARIZONA COMMERCIAL DRIVERS -- TRAVEL PATTERNS

GENERAL TRAVEL FREQUENCY (TABLE 12)

Nearly nine out of ten commercial drivers (88%) travel outside their immediate area at least three times a week with 24 percent doing so daily and 64 percent three to six times per week.

TABLE 12: GENERAL TRAVEL FREQUENCY --
ARIZONA COMMERCIAL DRIVERS

“How often, if ever, do you drive outside the (metro Phoenix/Tucson) area for your work?”

Daily	24%
3 to 6 times per week	64
1 to 2 times per week	6
1 to 2 times per month	4
1 to 3 times per year	0
Hardly ever/never	<u>2</u>
	100%

TRIP DESTINATIONS (TABLE 13)

Fifty-eight percent of commercial drivers indicate in-state locations as their most frequent travel destinations while 42 percent indicate out-of-state locations. The top four counties visited by commercial drivers are Pima (17%), Mohave (9%), Coconino (8%), and Navajo (5%) while California is by far and away the most frequently visited location out-of-state.

TABLE 13: TRIP DESTINATION --
ARIZONA COMMERCIAL DRIVERS

“When you travel outside the metro (Phoenix/Tucson) area for work, where do you most often go?”

“And where do you go second most often when you travel outside the metro (Phoenix/Tucson) area for your work?”

<u>IN-STATE</u>	<u>58%</u>
Pima	17
Mohave	9
Coconino	8
Navajo	5
Maricopa	4
Yavapai	4
Cochise	4
Graham	3
Gila	1
Yuma	1
La Paz	1
Pinal	*
Santa Cruz	*
Greenlee	*
<u>OUT-OF- STATE</u>	<u>42</u>
California	24
New Mexico	5
Nevada	5
Texas	3
Other	<u>5</u>
	100%

*Indicates % less than .5

SPECIFIC HIGHWAY USAGE (TABLE 14)

Interstate 10 receives the lion's share of usage by commercial drivers (42%) followed by I-17 (13%) and US 60 (10%).

TABLE 14: SPECIFIC HIGHWAY USAGE --
ARIZONA COMMERCIAL DRIVERS

"Which highway or route do you normally use to reach that location?"

I-10	42%
I-17	13
60	10
I-40	8
93	8
87	4
70	2
95	2
I-8	2
260	2
89	1
85	1
I-19	1
77	1
69	1
All others	<u>2</u>
	100%

RURAL VS. URBAN HIGHWAY TRAVEL (TABLE 15)

Seventy percent of commercial drivers indicate that 50 percent or more of the miles they drive for work are on rural highways as opposed to urban highways with 57 percent indicating that 75 percent or more of their miles are on rural highways. On average, 78 percent of all miles are driven on rural highways.

TABLE 15: RURAL HIGHWAY TRAVEL
VS. URBAN HIGHWAY TRAVEL -- ARIZONA
COMMERCIAL DRIVERS

“What percentage of the miles you drive for your work are on rural highways and roads as opposed to urban highways and streets?”

Under 10	8%
10 to 24	12
25 to 49	10
50 to 74	13
75 or more	<u>57</u>
	100%
 MEDIAN % ON RURAL HIGHWAYS	 78%

GROSS VEHICLE WEIGHT (TABLE 16)

Better than eight out of ten commercial drives (82%) indicate they typically utilize an 80,000 pound vehicle in their work.

TABLE 16: GROSS VEHICLE WEIGHT --
ARIZONA COMMERCIAL DRIVERS

“What is the registered gross weight of the vehicle you typically use for your work?”

Under 30,000	8%
30,000 to 79,000	10
80,000	<u>82</u>
	100%

**APPENDIX: Survey
Questionnaires**

Hello, my name is _____ and I'm with the Behavior Research Center of Arizona. We're conducting a study on transportation issues in Arizona and I'd like to speak with you for a few minutes.

A. Are you a licensed driver?

IF YES: CONTINUE

IF NO: ASK TO SPEAK WITH LICENSED DRIVER IN HOUSEHOLD AND START AT BEGINNING. IF NOT AVAILABLE, ARRANGE CALLBACK

1. To begin, how often, if ever, do you drive outside the metro (Phoenix/Tucson) area?

Every day...01
Six times a week...02
Five times a week...03
Four times a week...04
Three times a week...05
Two times a week...06
About once a week...07
A couple times a month...08
About once a month...09
A few times a year...10
About once a year...11
Hardly ever...12

2. When you travel outside the metro (Phoenix/Tucson) area, where do you most often go? (INDICATE SPECIFIC CITY, TOWN OR AREA)

2a. How many times per year do you travel there?

NUMBER: / / / /

2b. Which highway or route do you normally use to reach that location? (IF RESPONDENT DOESN'T RECALL THE HIGHWAY NUMBER, ASK THEM WHICH TOWNS THEY PASS THROUGH ON THEIR TRIP)

2c. When you travel to that location, is it normally for business, recreation, to visit friends or relatives or for some other reason?

Business or job related...1
Recreation or pleasure...2
Visiting friends or relatives...3
Other (SPECIFY)

2d. And when you travel to that location, what type of vehicle do you typically drive or ride in?

Private vehicle (car, van, light truck)...1
Motorcycle...2
Bicycle...3
Bus...4
Commercial vehicle...5
Other (SPECIFY)

3. And where do you go second most often when you travel outside the metro (Phoenix/Tucson) area? (INDICATE SPECIFIC CITY, TOWN OR AREA)

3a. How many times per year do you travel there?

NUMBER: / / / /

3b. Which highway or route do you normally use to reach that location? (IF RESPONDENT DOESN'T RECALL THE HIGHWAY NUMBER, ASK THEM WHICH TOWNS THEY PASS THROUGH ON THEIR TRIP)

3c. When you travel to that location, is it normally for business, recreation, to visit friends or relatives or for some other reason?

Business or job related...1
Recreation or pleasure...2
Visiting friends or relatives...3
Other (SPECIFY)

3d. And when you travel to that location, what type of vehicle do you typically drive or ride in?

Private vehicle (car, van, light truck)...1
Motorcycle...2
Bicycle...3
Bus...4
Commercial vehicle...5
Other (SPECIFY)

4. And finally, which of the following best describes your age? (READ EACH)

Under 25...1

25 to 34...2

35 to 44...3

45 to 54...4

55 to 64...5

65 or over...6

(DON'T READ) Refused...7

Thank you very much, that completes this interview. We very much appreciate your help on this project. Have a nice (day/evening).

NAME: _____ PHONE #: () _____

ADMINISTRATIVE DATA:

INTERVIEWER NAME: _____ #: _____

VALIDATED BY: _____ # _____

CODED BY: _____ # _____

FROM SAMPLE: _____ COUNTY: _____

OBSERVED DATA: _____ GENDER: Male...1
Female...2

Hello, my name is _____ and I'm with the Behavior Research Center of Arizona. We're conducting a study on transportation issues in Arizona and I'd like to speak with you for a few minutes.

A. Are you a licensed driver?

IF YES: CONTINUE

IF NO: ASK TO SPEAK WITH LICENSED DRIVER IN HOUSEHOLD AND START AT BEGINNING. IF NOT AVAILABLE, ARRANGE CALLBACK

1. To begin, how often, if ever, do you drive outside your local community or area?
- Every day...01
Six times a week...02
Five times a week...03
Four times a week...04
Three times a week...05
Two times a week...06
About once a week...07
A couple times a month...08
About once a month...09
A few times a year...10
About once a year...11
Hardly ever...12
2. When you travel outside your local community or area, where do you go most often go? (INDICATE SPECIFIC CITY, TOWN OR AREA)
- _____
- 2a. How many times per year do you travel there? NUMBER: / / / /
- 2b. Which highway or route do you normally use to reach that location? (IF RESPONDENT DOESN'T RECALL THE HIGHWAY NUMBER, ASK THEM WHICH TOWNS THEY PASS THROUGH ON THEIR TRIP)
- _____
- 2c. When you travel to that location, is it normally for business, recreation, to visit friends or relatives or for some other reason?
- Business or job related...1
Recreation or pleasure...2
Visiting friends or relatives...3
_____ Other (SPECIFY)
- 2d. And when you travel to that location, what type of vehicle do you typically drive or ride in?
- Private vehicle (car, van, light truck)...1
Motorcycle...2
Bicycle...3
Bus...4
Commercial vehicle...5
_____ Other (SPECIFY)
3. And where do you go second most often when you travel outside your local community or area? (INDICATE SPECIFIC CITY, TOWN OR AREA)
- _____
- 3a. How many times per year do you travel there? NUMBER: / / / /
- 3b. Which highway or route do you normally use to reach that location? (IF RESPONDENT DOESN'T RECALL THE HIGHWAY NUMBER, ASK THEM WHICH TOWNS THEY PASS THROUGH ON THEIR TRIP)
- _____
- 3c. When you travel to that location, is it normally for business, recreation, to visit friends or relatives or for some other reason?
- Business or job related...1
Recreation or pleasure...2
Visiting friends or relatives...3
_____ Other (SPECIFY)
- 3d. And when you travel to that location, what type of vehicle do you typically drive or ride in?
- Private vehicle (car, van, light truck)...1
Motorcycle...2
Bicycle...3
Bus...4
Commercial vehicle...5
_____ Other (SPECIFY)

4. And finally, which of the following best describes your age? (READ EACH)

Under 25...1

25 to 34...2

35 to 44...3

45 to 54...4

55 to 64...5

65 or over...6

(DON'T READ) Refused...7

Thank you very much, that completes this interview. We very much appreciate your help on this project. Have a nice (day/evening).

NAME: _____ PHONE #: () _____

ADMINISTRATIVE DATA:

INTERVIEWER NAME: _____ #: _____

VALIDATED BY: _____ # _____

CODED BY: _____ # _____

FROM SAMPLE: _____ COUNTY: _____

OBSERVED DATA: _____ GENDER: Male...1
Female...2

Hello, my name is _____ and I'm with the Behavior Research Center. We're conducting a very brief study among travelers for the Arizona Department of Transportation and I'd like to speak with you for just a few moments.

1. To begin, how often do you travel in Arizona?
- Every day...01
Six times a week...02
Five times a week...03
Four times a week...04
Three times a week...05
Two times a week...06
About once a week...07
A couple times a month...08
About once a month...09
A few times a year...10
About once a year...11
Hardly ever...12
2. When you travel in Arizona, where do you most often go? (INDICATE SPECIFIC CITY, TOWN OR AREA. IF JUST PASSING THROUGH SPECIFY FINAL DESTINATION)
- _____
3. Which highway or route do you normally use to reach that location? (IF RESPONDENT DOESN'T RECALL THE HIGHWAY NUMBER, ASK THEM WHICH TOWNS THEY PASS THROUGH ON THEIR TRIP)
- _____
4. When you travel to that location, is it normally for business, recreation, to visit friends or relatives or for some other reason?
- Business or job related...1
Recreations or pleasure...2
Visiting friends or relatives...3
Other (SPECIFY)...4
5. And when you travel to that location, what type of vehicle do you typically drive or ride in?
- Private vehicle, (car, van, light truck)...1
Motorcycle...2
Bicycle...3
Bus...4
Commercial vehicle...5
Other (SPECIFY)...4
6. And finally, which of the following best describes your age? (READ EACH)
- Under 25...1
25 to 34...2
35 to 44...3
45 to 54...4
55 to 64...5
55 or over...6
(DON'T READ) Refused...7

Thank you very much, that completes this interview. We very much appreciate your help on this project. In case we have any additional questions about your trip to Arizona, could I please get your name and home phone number so we could give you a call once you get back home, if needed?

NAME: _____ PHONE: () _____

ADMINISTRATIVE DATA:

INTERVIEWER NAME: _____ #: _____

CODED BY: _____ #: _____

OBSERVED DATA:

LOCATION: Lupton...1
San Simon...2
Nogales...3
Yuma...4
Ehrenberg...5
Topock...6

STATE: _____

GENDER: Male...1
Female...2

VEHICLE TYPE: Passenger...1
Commercial truck...2

ARIZONA COMMERCIAL HIGHWAY USER SURVEY

1. How often, if ever, do you drive outside the metro Phoenix area for your work? (CHECK ONE BOX ONLY)

- Every day... 01
- Six times a week... 02
- Five times a week... 03
- Four times a week... 04
- Three times a week... 05
- Two times a week... 06
- About once a week... 07
- A couple times a month... 08
- About once a month... 09
- A few times a year... 10
- About once a year... 11
- Hardly ever... 12

2. When you travel outside the metro Phoenix area for your work, where do you most often go? (INDICATE SPECIFIC CITY, TOWN OR AREA)

2a. Which highway or route do you normally use to reach that location? If you do not recall the highway number, please indicate which towns you pass through on your trip.

3. And where do you go second most often when you travel outside the metro Phoenix area for your work? (INDICATE SPECIFIC CITY, TOWN OR AREA)

3a. Which highway or route do you normally use to reach that location? If you do not recall the highway number, please indicate which towns you pass through on your trip.

4. What percentage of the miles you drive for your work are on rural highways and roads as opposed to urban highways and streets?

PERCENT: / / / /

5. What is the registered gross weight of the vehicle you typically use for your work?

WEIGHT: / / / / / /

THANK YOU VERY MUCH FOR YOUR HELP!

IF THE POSTAGE-FREE RETURN ENVELOPE HAS BECOME SEPARATED FROM THIS QUESTIONNAIRE, PLEASE RETURN THE COMPLETED QUESTIONNAIRE TO:

BEHAVIOR RESEARCH CENTER, INC
P.O. BOX 13178
PHOENIX, ARIZONA 85002-9905

ARIZONA COMMERCIAL HIGHWAY USER SURVEY

1. How often, if ever, do you drive outside the metro Tucson area for your work? (CHECK ONE BOX ONLY)

- Every day... 01
Six times a week... 02
Five times a week... 03
Four times a week... 04
Three times a week... 05
Two times a week... 06
About once a week... 07
A couple times a month... 08
About once a month... 09
A few times a year... 10
About once a year... 11
Hardly ever... 12

2. When you travel outside the metro Tucson area for your work, where do you most often go? (INDICATE SPECIFIC CITY, TOWN OR AREA)

2a. Which highway or route do you normally use to reach that location? If you do not recall the highway number, please indicate which towns you pass through on your trip.

3. And where do you go second most often when you travel outside the metro Phoenix area for your work? (INDICATE SPECIFIC CITY, TOWN OR AREA)

3a. Which highway or route do you normally use to reach that location? If you do not recall the highway number, please indicate which towns you pass through on your trip.

4. What percentage of the miles you drive for your work are on rural highways and roads as opposed to urban highways and streets?

PERCENT: / / / /

5. What is the registered gross weight of the vehicle you typically use for your work?

WEIGHT: / / / / / /

THANK YOU VERY MUCH FOR YOUR HELP!

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