TECHNICAL MEMORANDUM #1

ATTACHMENT B

Select Crash Characteristic Data Summary Sheets

CENTRAL ARIZONA GOVERNMENTS STRATEGIC TRANSPORATION SAFETY PLAN

February 5, 2015

Summary of Fatalities and Serious Injuries for CAG Crashes | 2009-2013

CAG Fatality and Serious Injury Counts from 2009-2013 **Fatalities Serious Injuries Fatalities & Serious Injuries** Number of Victims **CAG Total** 124 454 100.0% 100.0% 578 100.0% **Fatalities Serious Injuries Fatalities & Serious Injuries** Characteristics 100 200 300 400 500 600 700 **Fatality Count** % of total **Injury Count** % of total **Total Count** % of total Urban 7.3% 19.4% 97 16.8% 115 Rural 92.7% 80.6% 481 83.2% 97 379 State Highway 78.2% 83.5% 476 82.4% 27 Other Road 102 17.6% 21.8% 16.5% 27 Tribal Land 21.8% 8.4% 65 11.2% 12 Intersection Related 9.7% 17.8% 93 16.1% 101 297 398 Lane Departure 81.5% 65.4% 68.9% 78 Work Zone 0 0.0% 1.3% 1.0% Total Young Driver (13-24) 168 26 21.0% 142 31.3% 29.1% 65 and Older 22 17.7% 19.8% 112 19.4% CAG Fatalities Pedalcyclist Involved 0 0.0% 0.4% 2 0.3% Pedestrian Involved 18 6.5% 2.2% 3.1% **Aggressive Driver** 5.6% 4.0% 25 4.3% Alcohol Involved 35 28.2% 16.5% 110 19.0% 12 **Distracted Driver** 9.7% 21.4% 109 18.9% 11 Drug Involved 29 8.9% 4.0% 5.0% and Serious 41 **Impaired Driver** 33.1% 120 26.4% 161 27.9% 20 **Unhelmeted Motorcyclist** 16.1% 7.3% 53 9.2% 64 No Restraint Used 175 51.6% 239 38.5% 41.3% Sleepy or Fatigued 5 35 4.0% 6.6% 6.1% Injuries 52 Speeding Involved 217 269 46.5% 41.9% 47.8% Motorcycle Involved 38 30.6% 23.1% 143 24.7% Vehicle Train Involved 0.0% 0.0% 0.0% 13 Truck Involved 10.5% 11.2% 64 11.1% Multiple Vehicle 58 46.8% 45.2% 263 45.5% Dust Related (Windy) 0.8% 0.4% Wildlife/Animal Involved 18 3.1% 1.6% 3.5% Wet Weather 2.4% 4.2% 22 3.8% 25 Dusk/ Dawn 4.8% 4.2% 4.3% Dark - No Light 29 23.4% 23.1% 134 23.2% Serious Injuries

Note: The graphs illustrate the number of CAG fatalities and serious injuries that also involved the graphed characteristic.

2) Urban versus Rural designation of crash occurrence is based on the 2010 U.S. Census designation of urbanized areas.

Source: 2009-2013 Accident Location Identification and Surveillance Systems (ALISS) database. Information presented in this publication may be based on preliminary data and as such differ slightly from previous or future crash summaries.

¹⁾ The percentages shown in the table reflect the percent of CAG fatalities and serious injuries that also exhibit the characteristics being summarized.

Central Arizona Governments Strategic Transportation Safety Plan Summary of Fatalities and Serious Injuries for Rural Crashes | 2009-2013

Rural Fatality and Serious Injury Counts from 2009-2013

	Rural	Fatal	ities	Serious	Injuries	Fatalities & Se	rious Injuries	Number of	Victims				1.	
	Rurai	115	100%	366	100%	481	100%							
	Characteristics	Fatal	ities	Serious	Injuries	Fatalities & Se	rious Injuries							
	Characteristics	Fatality Count	% of total	Injury Count	% of total	Total Count	% of total	0	100	200	300	400	500	600
	Urban	0	0.0%	0	0.0%	0	0.0%							
phic	Rural	115	100.0%	366	100.0%	481	100.0%							
Geographic	State Highway	90	78.3%	311	85.0%	401	83.4%							
Geo	Other Road	25	21.7%	55	15.0%	80	16.6%							
	Tribal Land	27	23.5%	38	10.4%	65	13.5%							
try	Intersection Related	8	7.0%	36	9.8%	44	9.1%							
Geometry	Lane Departure	95	82.6%	268	73.2%	363	75.5%						48	
Geo	Work Zone	0	0.0%	6	1.6%	6	1.2%						1	
be	Young Driver (13-24)	24	20.9%	108	29.5%	132	27.4%						Tota	
Type	65 and Older	17	14.8%	69	18.9%	86	17.9%						al F	
Son	Pedalcyclist Involved	0	0.0%	0	0.0%	0	0.0%		_				Rur	
Pe	Pedestrian Involved	6	5.2%	5	1.4%	11	2.3%						<i>[0]</i>	
	Aggressive Driver	6	5.2%	17	4.6%	23	4.8%						Fa	
	Alcohol Involved	33	28.7%	63	17.2%	96	20.0%						tal.	
	Distracted Driver	12	10.4%	65	17.8%	77	16.0%						talities	
or		11	9.6%	15	4.1%	26	5.4%							
Behavior	Impaired Driver	40	34.8%	102	27.9%	142	29.5%						and	
Be	Unhelmeted Motorcyclist	19	16.5%	30	8.2%	49	10.2%						, N	
	No Restraint Used	60	52.2%	153	41.8%	213	44.3%						erious	
	Sleepy or Fatigued	5	4.3%	28	7.7%	33	6.9%						loui	
	Speeding Involved	48	41.7%	195	53.3%	243	50.5%							
	Motorcycle Involved	35	30.4%	91	24.9%	126	26.2%						Injur	
ehicle	Train Involved	0	0.0%	0	0.0%	0	0.0%						ies	
Veh	Truck Involved	12	10.4%	36	9.8%	48	10.0%							
	Multiple Vehicle	51	44.3%	131	35.8%	182	37.8%							
<u>_</u>	Dust Related (Windy)	1	0.9%	2	0.5%	3	0.6%							
ental	Wildlife/Animal Involved	2	1.7%	16	4.4%	18	3.7%							
Environm	Wet Weather	3	2.6%	18	4.9%	21	4.4%							
Virg	Dusk/ Dawn	5	4.3%	16	4.4%	21	4.4%							
En	Dark - No Light	28	24.3%	100	27.3%	128	26.6%							

¹⁾ The percentages shown in the table reflect the percent of Rural fatalities and serious injuries that also exhibit the characteristics being summarized.
2) Urban versus Rural designation of crash occurrence is based on the 2010 U.S. Census designation of urbanized areas.

Source: 2009-2013 Accident Location Identification and Surveillance Systems (ALISS) database. Information presented in this publication may be based on preliminary data and as such differ slightly from previous or future crash summaries.

Note: The graphs illustrate the number of Rural fatalities and serious injuries that also involved the graphed characteristic.

Summary of Fatalities and Serious Injuries for State Highway Crashes | 2009-2013

State Highway Fatality and Serious Injury Counts from 2009-2013 **Fatalities Serious Injuries Fatalities & Serious Injuries** Number of Victims **State Highway** 97 379 100% 100% 476 100% **Fatalities Serious Injuries Fatalities & Serious Injuries** Characteristics 100 200 300 400 500 600 **Fatality Count** % of total **Injury Count** % of total **Total Count** % of total Urban 7.2% 17.9% 75 15.8% Rural 90 92.8% 311 82.1% 401 84.2% **State Highway** 97 100.0% 379 100.0% 476 100.0% Other Road 0.0% 0 0.0% 0.0% 19 Tribal Land 19.6% 7.7% 48 10.1% 76 Intersection Related 11 11.3% 19.0% 83 17.4% Total State Highway Fatalities and Serious 75 240 315 Lane Departure 77.3% 63.3% 66.2% Work Zone 0.0% 1.6% 1.3% Young Driver (13-24) 136 28.6% 18 18.6% 118 31.1% 65 and Older 20 100 20.6% 21.1% 21.0% Pedalcyclist Involved 0.0% 0.5% 2 0.4% Pedestrian Involved 13 7.2% 1.6% 2.7% **Aggressive Driver** 6.2% 24 5.0% 4.7% Alcohol Involved 26 78 16.4% 26.8% 13.7% **Distracted Driver** 88 8.2% 21.1% 18.5% 9 Drug Involved 22 9.3% 3.4% 4.6% 31 **Impaired Driver** 32.0% 25.1% 126 26.5% **Unhelmeted Motorcyclist** 16 16.5% 7.1% 43 9.0% 48 No Restraint Used 137 49.5% 185 36.1% 38.9% Sleepy or Fatigued 5 5.2% 7.7% 34 7.1% Speeding Involved 40 47.8% 221 46.4% 41.2% Motorcycle Involved 31 32.0% 23.5% 120 25.2% Injuries Vehicle Train Involved 0.0% 0.0% 0.0% Truck Involved 10 10.3% 12.9% 59 12.4% Multiple Vehicle 53 54.6% 47.5% 233 48.9% Dust Related (Windy) 0.0% 0.5% Wildlife/Animal Involved

3.8%

4.2%

3.4%

22.1%

18

20

16

105

4.2%

4.5%

3.4%

22.2%

13

Wet Weather

Dark - No Light

Dusk/ Dawn

Source: 2009-2013 Accident Location Identification and Surveillance Systems (ALISS) database. Information presented in this publication may be based on preliminary data and as such differ slightly from previous or future crash summaries.

2.1%

3.1%

3.1%

21.6%

Serious Injuries

Note: The graphs illustrate the number of State Highway crashes that also involved the graphed characteristic.

¹⁾ The percentages shown in the table reflect the percent of State Highway fatalities and serious injuries that also exhibit the characteristics being summarized.

²⁾ Urban versus Rural designation of crash occurrence is based on the 2010 U.S. Census designation of urbanized areas.

Summary of Fatalities and Serious Injuries for Tribal Land Crashes | 2009-2013

Tribal Land Fatality and Serious Injury Counts from 2009-2013

					ibai Laila i	acancy and	serious injury	Courts	110111 2005	2013						
	Tribal Land	Fatal	ities	Serious	njuries	Fatalities & So	erious Injuries	Numbe	r of Viçtims							
	Tribai Land	27	100%	38	100%	65	100%									
	Characteristics	Fatal	ities	Serious	njuries	Fatalities & So	erious Injuries									
	Cital acteristics	Fatality Count	% of total	Injury Count	% of total	Total Count	% of total	0	10	20	30	40	50	60	70	80
()	Urban	0	0.0%	0	0.0%	0	0.0%									
Geographic	Rural	27	100.0%	38	100.0%	65	100.0%									
gra	State Highway	19	70.4%	29	76.3%	48	73.8%									
Gec	Other Road	8	29.6%	9	23.7%	17	26.2%									
	Tribal Land	27	100.0%	38	100.0%	65	100.0%									
try	Intersection Related	1	3.7%	2	5.3%	3	4.6%								65	
Geometry	Lane Departure	20	74.1%	36	94.7%	56	86.2%									
Geo	Work Zone	0	0.0%	0	0.0%	0	0.0%								Total	
3e	Young Driver (13-24)	6	22.2%	10	26.3%	16	24.6%									
Туре	65 and Older	4	14.8%	8	21.1%	12	18.5%								Tribal	
rson	Pedalcyclist Involved	0	0.0%	0	0.0%	0	0.0%								9/1	
Pe	Pedestrian Involved	5	18.5%	0	0.0%	5	7.7%								Lan	
	Aggressive Driver	0	0.0%	0	0.0%	0	0.0%								d T	
	Alcohol Involved	13	48.1%	5	13.2%	18	27.7%								-at	
	Distracted Driver	2	7.4%	12	31.6%	14	21.5%			_					ali	
o	Drug Involved	2	7.4%	2	5.3%	4	6.2%								atalities	
Behavior	Impaired Driver	9	33.3%	10	26.3%	19	29.2%								s an	
Be	Unhelmeted Motorcyclist	1	3.7%	1	2.6%	2	3.1%								Q	
	No Restraint Used	9	33.3%	13	34.2%	22	33.8%								Se	
	Sleepy or Fatigued	0	0.0%	3	7.9%	3	4.6%								ric	
	Speeding Involved	6	22.2%	22	57.9%	28	43.1%								Serious	
	Motorcycle Involved	2	7.4%	11	28.9%	13	20.0%								<u>7</u>	
hicle	Train Involved	0	0.0%	0	0.0%	0	0.0%									
Veh	Truck Involved	3	11.1%	6	15.8%	9	13.8%								uries	
	Multiple Vehicle	13	48.1%	10	26.3%	23	35.4%									
	Dust Related (Windy)	0	0.0%	0	0.0%	0	0.0%									
ental	Wildlife/Animal Involved	0	0.0%	0	0.0%	0	0.0%									
Environme	Wet Weather	0	0.0%	1	2.6%	1	1.5%									
wird	Dusk/ Dawn	0	0.0%	1	2.6%	1	1.5%									
П	Dark - No Light	7	25.9%	14	36.8%	21	32.3%									
Note	s: e percentages shown in the table reflect the percent of Triba		1994 - 1 - 1					■ Fatali	ties I Seri	ous Injuries						

¹⁾ The percentages shown in the table reflect the percent of Tribal Land crashes that also exhibit the characteristics being summarized.

2) Urban versus Rural designation of crash occurrence is based on the 2010 U.S. Census designation of urbanized areas.

Source: 2005-2012 Accident Location Identification and Surveillance System (ALISS) database, received July 2013. Information presented in this publication may be based on preliminary data and as such differ slightly from previous or future crash summaries.

Fatalities Serious Injuries

Note: The graphs illustrate the number of Tribal Land crashes that also involved the graphed characteristic.

Summary of Fatalities and Serious Injuries for Lane Departure Crashes | 2009-2013

Lane Departure Fatality and Serious Injury Counts from 2009-2013 **Fatalities Serious Injuries Fatalities & Serious Injuries** Number of Victims **Lane Departure** 101 297 100% 100% 398 100% **Fatalities Serious Injuries Fatalities & Serious Injuries** Characteristics 50 100 200 300 350 450 500 150 250 400 **Fatality Count** % of total **Injury Count** % of total **Total Count** % of total Urban 35 5.9% 9.8% 8.8% 29 95 Rural 94.1% 90.2% 363 91.2% 75 240 State Highway 74.3% 80.8% 315 79.1% 26 Other Road 83 25.7% 19.2% 20.9% 20 Tribal Land 19.8% 12.1% 56 14.1% Intersection Related 3.0% 22 7.4% 25 6.3% **Lane Departure** 101 100.0% 297 100.0% 398 100.0% Work Zone 2.0% 1.5% 0 0.0% Young Driver (13-24) 106 21 20.8% 28.6% 26.6% 65 and Older 18 17.8% 17.2% 69 17.3% **Departure** Pedalcyclist Involved 0 0.0% 0.0% 0.0% Pedestrian Involved 0.0% 0.0% 0.0% **Aggressive Driver** 6.9% 23 5.8% 5.4% Alcohol Involved 28 90 22.6% 27.7% 20.9% **Distracted Driver** 10 66 9.9% 18.9% 16.6% 10 Drug Involved 9.9% 4.7% 24 6.0% 39 **Impaired Driver** 38.6% 104 35.0% 143 35.9% **Unhelmeted Motorcyclist** 16 15.8% 17 5.7% 33 8.3% and 56 119 No Restraint Used 55.4% 175 40.1% 44.0% Sleepy or Fatigued 5 33 Serious 5.0% 9.4% 8.3% 50 Speeding Involved 176 226 56.8% 49.5% 59.3% Motorcycle Involved 32 31.7% 23.6% 102 25.6% Vehicle Injuries Train Involved 0.0% 0.0% 0.0% Truck Involved 8.9% 9.8% 38 9.5% Multiple Vehicle 35.6% 25.6% 112 28.1% Dust Related (Windy) 1.0% Wildlife/Animal Involved 0.0% 0.0% 0.0% Wet Weather 3.0% 4.7% 17 4.3%

13

105

3.3%

26.4%

3.4%

27.6%

82

Notes:

Dusk/ Dawn

Dark - No Light

2) Urban versus Rural designation of crash occurrence is based on the 2010 U.S. Census designation of urbanized areas.

Source: 2009-2013 Accident Location Identification and Surveillance Systems (ALISS) database. Information presented in this publication may be based on preliminary data and as such differ slightly from previous or future crash summaries.

3.0%

22.8%

■ Fatalities ■ Serious Injuries

Note: The graphs illustrate the number of Lane Departure fatalities and serious injuries that also involved the graphed characteristic.

¹⁾ The percentages shown in the table reflect the percent of Lane Departure fatalities and serious injuries that also exhibit the characteristics being summarized.

Summary of Fatalities and Serious Injuries for No Restraint Used Crashes | 2009-2013

No Restraint Used Fatality and Serious Injury Counts from 2009-2013

No Restraint Used	Fatalities		Serious Injuries		Fatalities & Serious Injuries		Number	of Victims						
No Restraint Oseu	64	100%	175	100%	239	100%								
Characteristics	Fatal	lities	Serious	Injuries	Fatalities & Se	rious Injuries								
Characteristics	Fatality Count	% of total	Injury Count	% of total	Total Count	% of total	0	40	80	120	160	200	240	280
Urban	4	6.3%	22	12.6%	26	10.9%								
Rural State Highway Other Road	60	93.8%	153	87.4%	213	89.1%								
State Highway	48	75.0%	137	78.3%	185	77.4%								
	16	25.0%	38	21.7%	54	22.6%							N.	
Tribal Land	9	14.1%	13	7.4%	22	9.2%							239	
Intersection Related	5	7.8%	27	15.4%	32	13.4%							70	
Intersection Related Lane Departure Work Zone	56	87.5%	119	68.0%	175	73.2%							ota	
Work Zone	0	0.0%	0	0.0%	0	0.0%							Z	
Young Driver (13-24)	10	15.6%	37	21.1%	47	19.7%							O R	
Young Driver (13-24) 65 and Older	7	10.9%	16	9.1%	23	9.6%							Resi	
Pedalcyclist Involved	0	0.0%	0	0.0%	0	0.0%							stra	
Pedestrian Involved	0	0.0%	0	0.0%	0	0.0%							int	
Aggressive Driver	3	4.7%	1	0.6%	4	1.7%							Us	
Alcohol Involved	18	28.1%	35	20.0%	53	22.2%							ed	
Distracted Driver	6	9.4%	33	18.9%	39	16.3%							Fo	
Drug Involved	7	10.9%	8	4.6%	15	6.3%							rta	
Drug Involved Impaired Driver Unhelmeted Motorcyclist	24	37.5%	52	29.7%	76	31.8%							talitie	
Unhelmeted Motorcyclist	20	31.3%	33	18.9%	53	22.2%							es	
No Restraint Used	64	100.0%	175	100.0%	239	100.0%							an	
Sleepy or Fatigued	0	0.0%	14	8.0%	14	5.9%							d s	
Speeding Involved	27	42.2%	73	41.7%	100	41.8%							ier	
Motorcycle Involved	20	31.3%	33	18.9%	53	22.2%							iou	
Train Involved	0	0.0%	0	0.0%	0	0.0%							1 S	
Truck Involved	1	1.6%	6	3.4%	7	2.9%							njι	
Multiple Vehicle	8	12.5%	30	17.1%	38	15.9%							uries	
Dust Related (Windy)	0	0.0%	2	1.1%	2	0.8%							Ŋ	
Dust Related (Windy) Wildlife/Animal Involved	1	1.6%	5	2.9%	6	2.5%								
Wet Weather	1	1.6%	3	1.7%	4	1.7%								
Wet Weather Dusk/ Dawn Dark - No Light	2	3.1%	8	4.6%	10	4.2%								
Dark - No Light	20	31.3%	52	29.7%	72	30.1%								

■ Fatalities ■ Serious Injuries

Note: The graphs illustrate the number of No Restraint Used fatalities and serious injuries that also involved the graphed characteristic.

¹⁾ The percentages shown in the table reflect the percent of No Restraint Used fatalities and serious injuries that also exhibit the characteristics being summarized.

²⁾ Urban versus Rural designation of crash occurrence is based on the 2010 U.S. Census designation of urbanized areas.

Source: 2009-2013 Accident Location Identification and Surveillance Systems (ALISS) database. Information presented in this publication may be based on preliminary data and as such differ slightly from previous or future crash summaries.

Central Arizona Governments Strategic Transportation Safety Plan Summary of Fatalities and Serious Injuries for Speeding Involved Crashes | 2009-2013

Speeding Involved Fatality and Serious Injury Counts from 2009-2013

Speeding Involved	Fatal	ities	Serious	Injuries	Fatalities & Se	rious Injuries	Ņumber o	of Victims					
Speeding involved	52	100%	217	100%	269	100%					,		
Characteristics	Fatal	ities	Serious	Injuries	Fatalities & Se	rious Injuries							
Characteristics	Fatality Count	% of total	Injury Count	% of total	Total Count	% of total	0	40	80	120	160	200	240
Urban	4	7.7%	22	10.1%	26	9.7%							
Rural State Highway Other Road	48	92.3%	195	89.9%	243	90.3%							
State Highway	40	76.9%	181	83.4%	221	82.2%							
Other Road	12	23.1%	36	16.6%	48	17.8%							,
Tribal Land	6	11.5%	22	10.1%	28	10.4%						l l	
Intersection Related Lane Departure Work Zone	2	3.8%	15	6.9%	17	6.3%							
Lane Departure	50	96.2%	176	81.1%	226	84.0%							1
Work Zone	0	0.0%	1	0.5%	1	0.4%							j l
Young Driver (13-24)	15	28.8%	77	35.5%	92	34.2%							
65 and Older	4	7.7%	22	10.1%	26	9.7%							5
Pedalcyclist Involved	0	0.0%	0	0.0%	0	0.0%							
Pedestrian Involved	0	0.0%	0	0.0%	0	0.0%							
Aggressive Driver	7	13.5%	18	8.3%	25	9.3%							
Alcohol Involved	15	28.8%	49	22.6%	64	23.8%						l d	
Distracted Driver	4	7.7%	39	18.0%	43	16.0%							
Drug Involved	5	9.6%	11	5.1%	16	5.9%							}
Drug Involved Impaired Driver Unhelmeted Motorcyclist	18	34.6%	81	37.3%	99	36.8%							i
Unhelmeted Motorcyclist	9	17.3%	9	4.1%	18	6.7%							
No Restraint Used	27	51.9%	73	33.6%	100	37.2%							2
Sleepy or Fatigued	1	1.9%	22	10.1%	23	8.6%							Ž
Speeding Involved	52	100.0%	217	100.0%	269	100.0%						, o	
Motorcycle Involved	18	34.6%	42	19.4%	60	22.3%							<u>.</u>
Train Involved	0	0.0%	0	0.0%	0	0.0%						0	
Truck Involved	0	0.0%	9	4.1%	9	3.3%						11111	2
Multiple Vehicle	3	5.8%	10	4.6%	13	4.8%							5.
Dust Related (Windy)	0	0.0%	0	0.0%	0	0.0%							
Wildlife/Animal Involved	0	0.0%	0	0.0%	0	0.0%							
Wet Weather Dusk/ Dawn Dark - No Light	2	3.8%	14	6.5%	16	5.9%							
Dusk/ Dawn	3	5.8%	9	4.1%	12	4.5%							
Dark - No Light	14	26.9%	61	28.1%	75	27.9%							

¹⁾ The percentages shown in the table reflect the percent of Speeding Involved fatalities and serious injuries that also exhibit the characteristics being summarized.
2) Urban versus Rural designation of crash occurrence is based on the 2010 U.S. Census designation of urbanized areas.

Source: 2009-2013 Accident Location Identification and Surveillance Systems (ALISS) database. Information presented in this publication may be based on preliminary data and as such differ slightly from previous or future crash summaries.

Note: The graphs illustrate the number of Speeding Involved fatalities and serious injuries that also involved the graphed characteristic.

Summary of Fatalities and Serious Injuries for Motorcycle Involved Crashes | 2009-2013

Motorcycle Involved Fatality and Serious Injury Counts from 2009-2013

Motorcycle Inv	olyad	Fatal	ities	Serious	Injuries	Fatalities & Se	rious Injuries	Number o	f Victims						
iviotorcycle inv	oived	38	100%	105	100%	143	100%								
Characteris	ics	Fatal	ities	Serious	Injuries	Fatalities & Se	rious Injuries								
Characteris	ics	Fatality Count	% of total	Injury Count	% of total	Total Count	% of total	0	25	50	75	100	125	150	17
Urban		3	7.9%	14	13.3%	17	11.9%								
Rural		35	92.1%	91	86.7%	126	88.1%								
Rural State Highway Other Road		31	81.6%	89	84.8%	120	83.9%								
Other Road		7	18.4%	16	15.2%	23	16.1%							1.	
Tribal Land		2	5.3%	11	10.5%	13	9.1%							143	
Intersection Relate		4	10.5%	9	8.6%	13	9.1%							Tota	
Intersection Relate Lane Departure Work Zone		32	84.2%	70	66.7%	102	71.3%								
Work Zone		0	0.0%	1	1.0%	1	0.7%								
Young Driver (13-24)	2	5.3%	14	13.3%	16	11.2%							Motorcycle	
Young Driver (13-24) 65 and Older		3	7.9%	18	17.1%	21	14.7%							rcy	
Pedalcyclist Involve	d	0	0.0%	0	0.0%	0	0.0%		_					'Cle	
Pedestrian Involved		0	0.0%	0	0.0%	0	0.0%								
Aggressive Driver		3	7.9%	5	4.8%	8	5.6%							Involved	
Alcohol Involved		5	13.2%	7	6.7%	12	8.4%							IVE	
Distracted Driver		4	10.5%	14	13.3%	18	12.6%								
		0	0.0%	0	0.0%	0	0.0%							Fat	
Drug Involved Impaired Driver Unhelmeted Motor		5	13.2%	8	7.6%	13	9.1%							ali	
Unhelmeted Motor	cyclist	20	52.6%	33	31.4%	53	37.1%							Fatalities	
No Restraint Used		20	52.6%	33	31.4%	53	37.1%								
Sleepy or Fatigued		0	0.0%	0	0.0%	0	0.0%							and	
Speeding Involved		18	47.4%	42	40.0%	60	42.0%							156	
Motorcycle Involve	d	38	100.0%	105	100.0%	143	100.0%							Serio	
Train Involved		0	0.0%	0	0.0%	0	0.0%							SU	
Truck Involved		0	0.0%	0	0.0%	0	0.0%							Jŋ.	
Multiple Vehicle		9	23.7%	23	21.9%	32	22.4%							iur	
Dust Related (Wind	/)	1	2.6%	2	1.9%	3	2.1%							Injuries	
Wildlife/Animal Inv		1	2.6%	8	7.6%	9	6.3%								
Wet Weather Dusk/ Dawn Dark - No Light		0	0.0%	0	0.0%	0	0.0%								
Dusk/ Dawn		1	2.6%	3	2.9%	4	2.8%								
Dark - No Light		4	10.5%	11	10.5%	15	10.5%								

¹⁾ The percentages shown in the table reflect the percent of Motorcycle Involved fatalities and serious injuries that also exhibit the characteristics being summarized.
2) Urban versus Rural designation of crash occurrence is based on the 2010 U.S. Census designation of urbanized areas.

Note: The graphs illustrate the number of Motorcycle Involved fatalities and serious injuries that also involved the graphed characteristic.

Source: 2009-2013 Accident Location Identification and Surveillance Systems (ALISS) database. Information presented in this publication may be based on preliminary data and as such differ slightly from previous or future crash summaries.

Summary of Fatalities and Serious Injuries for Wildlife/Animal Involved Crashes | 2009-2013

Wildlife/Animal Involved Fatality and Serious Injury Counts from 2009-2013 **Fatalities Serious Injuries Fatalities & Serious Injuries** Number of Victims Wildlife/Animal Involved 16 100% 100% 100% 18 **Fatalities Serious Injuries Fatalities & Serious Injuries** Characteristics 9 12 15 20 6 18 **Fatality Count** % of total **Injury Count** % of total **Total Count** % of total Urban 0.0% 0.0% 0.0% Rural 100.0% 100.0% 18 100.0% State Highway 100.0% 100.0% 100.0% Other Road 0.0% 0.0% 0.0% Total Wildlife/Animal Tribal Land 0.0% 0.0% 0.0% Intersection Related 0.0% 0.0% 0.0% Lane Departure 0 0.0% 0.0% 0.0% Work Zone 0.0% 0.0% Young Driver (13-24) 0.0% 25.0% 22.2% 65 and Older 0.0% 12.5% 11.1% Pedalcyclist Involved 0.0% 0.0% 0.0% Pedestrian Involved 0.0% 0.0% 0.0% Involved **Aggressive Driver** 0.0% 0.0% 0.0% Alcohol Involved 0.0% 0.0% 0.0% **Distracted Driver** 0.0% 0.0% 0.0% Drug Involved 0 0.0% 0.0% Fatalities and Serious Injurie 0.0% **Impaired Driver** 0.0% 0.0% 0.0% **Unhelmeted Motorcyclist** 50.0% 31.3% 33.3% No Restraint Used 50.0% 33.3% 31.3% Sleepy or Fatigued 0 0.0% 0.0% 0.0% Speeding Involved 0.0% 0.0% 0.0% Motorcycle Involved 50.0% 50.0% 50.0% Vehicle Train Involved 0.0% 0.0% 0.0% Truck Involved 0.0% 6.3% 5.6% Multiple Vehicle 50.0% 18.8% 22.2% Dust Related (Windy) 0.0% 0.0% 0.0% Wildlife/Animal Involved 16 18 100.0% 100.0% 100.0% Wet Weather 0.0% 0.0% 0 0.0% Dusk/ Dawn 0.0% 12.5% 11.1% Dark - No Light 100.0% 56.3% 61.1%

2) Urban versus Rural designation of crash occurrence is based on the 2010 U.S. Census designation of urbanized areas.

Source: 2009-2013 Accident Location Identification and Surveillance Systems (ALISS) database. Information presented in this publication may be based on preliminary data and as such differ slightly from previous or future crash summaries.

Serious Injuries

Note: The graphs illustrate the number of Wildlife/Animal Involved fatalities and serious injuries that also involved the graphed characteristic.

¹⁾ The percentages shown in the table reflect the percent of Wildlife/Animal Involved fatalities and serious injuries that also exhibit the characteristics being summarized.

Summary of Fatalities and Serious Injuries for Dark - No Light Crashes | 2009-2013

Dark - No Light Fatality and Serious Injury Counts from 2009-2013

Dark - No Lig	o+	Fatalities	Serious	Injuries	Fatalities & Se	erious Injuries	Numbe	r of Victims						1.	
Dark - NO Li	29	100%	105	100%	134	100%									
Characterist		Fatalities	Serious	Injuries	Fatalities & Se	erious Injuries									
Characterist	Fatality (ount % of total	Injury Count	% of total	Total Count	% of total	0	20	40	60	80	100	120	140	180
Urban	1	3.4%	5	4.8%	6	4.5%									
Rural State Highway Other Road	28	96.6%	100	95.2%	128	95.5%									
State Highway	21	72.4%	84	80.0%	105	78.4%									
Other Road	8	27.6%	21	20.0%	29	21.6%									
Tribal Land	7	24.1%	14	13.3%	21	15.7%								1	
Intersection Related	0	0.0%	5	4.8%	5	3.7%								134	
Intersection Related Lane Departure Work Zone	23	79.3%	82	78.1%	105	78.4%								<i>70</i> 1	
Work Zone	0	0.0%	5	4.8%	5	3.7%								Total	
Young Driver (13-24	9	31.0%	41	39.0%	50	37.3%								Dark	
Young Driver (13-24) 65 and Older Pedalcyclist Involve	2	6.9%	5	4.8%	7	5.2%									
Pedalcyclist Involve	0	0.0%	0	0.0%	0	0.0%									
Pedestrian Involved	2	6.9%	2	1.9%	4	3.0%								No L	
Aggressive Driver	0	0.0%	2	1.9%	2	1.5%								Light Fatalities	
Alcohol Involved	14	48.3%	43	41.0%	57	42.5%								17	
Distracted Driver	3	10.3%	22	21.0%	25	18.7%								at	
Drug Involved	1	3.4%	6	5.7%	7	5.2%								ali	
Drug Involved Impaired Driver Unhelmeted Motor	14	48.3%	55	52.4%	69	51.5%								tie	
Unhelmeted Motor	yclist 3	10.3%	6	5.7%	9	6.7%									
No Restraint Used	20	69.0%	52	49.5%	72	53.7%								na	
Sleepy or Fatigued	3	10.3%	14	13.3%	17	12.7%								156	
Speeding Involved	14	48.3%	61	58.1%	75	56.0%								eric	
Motorcycle Involved	4	13.8%	11	10.5%	15	11.2%								and Serious	
Train Involved	0	0.0%	0	0.0%	0	0.0%								Inju	
Truck Involved	0	0.0%	6	5.7%	6	4.5%									
Multiple Vehicle	9	31.0%	23	21.9%	32	23.9%								ries	
Dust Related (Wind	0	0.0%	0	0.0%	0	0.0%									
Wildlife/Animal Inve		6.9%	9	8.6%	11	8.2%									
Dust Related (Wind Wildlife/Animal Invo Wet Weather Dusk/ Dawn	1	3.4%	4	3.8%	5	3.7%									
Dusk/ Dawn	0	0.0%	0	0.0%	0	0.0%									
Dark - No Light	29	100.0%	105	100.0%	134	100.0%									

¹⁾ The percentages shown in the table reflect the percent of Dark - No Light fatalities and serious injuries that also exhibit the characteristics being summarized.

2) Urban versus Rural designation of crash occurrence is based on the 2010 U.S. Census designation of urbanized areas.

Source: 2009-2013 Accident Location Identification and Surveillance Systems (ALISS) database. Information presented in this publication may be based on preliminary data and as such differ slightly from previous or future crash summaries.

■ Fatalities ■ Serious Injuries

Note: The graphs illustrate the number of Dark - No Light fatalities and serious injuries that also involved the graphed characteristic.

Source: 2009-2013 Accident Location Identification and Surveillance Systems (ALISS) database. Information presented in this publication may be based on preliminary data

and as such differ slightly from previous or future crash summaries.

Summary of Fatalities and Serious Injuries for Arizona | 2009-2013

Arizona Fatality and Serious Injury Counts from 2009-2013 **Fatalities Serious Injuries Fatalities & Serious Injuries** Number of Victims **Arizona Total** 4,062 22,888 100.0% 100.0% 26,950 100.0% **Fatalities Serious Injuries Fatalities & Serious Injuries** Characteristics 5,000 10,000 15,000 20,000 25,000 30,000 0 **Fatality Count** % of total **Injury Count** % of total **Total Count** % of total Urban 2,096 51.6% 16,745 73.2% 18,841 69.9% Rural 1,966 6,143 8,109 48.4% 26.8% 30.1% 1,823 6,985 State Highway 44.9% 30.5% 8,808 32.7% 2,239 15,903 Other Road 55.1% 69.5% 18,142 67.3% 431 826 Tribal Land 10.6% 3.6% 1,257 4.7% 26,950 Intersection Related 970 23.9% 10.223 44.7% 11,193 41.5% Lane Departure 2,139 52.7% 7,937 34.7% 10,076 37.4% Work Zone 38 0.9% 228 1.0% 266 1.0% Total Fatalities 8,004 Young Driver (13-24) 1,066 26.2% 35.0% 9,070 33.7% 65 and Older 836 20.6% 4.111 18.0% 4,947 18.4% 115 Pedalcyclist Involved 1,093 2.8% 4.8% 1,208 4.5% Pedestrian Involved 723 1,748 7.6% 2,471 9.2% 17.8% 155 **Aggressive Driver** 3.8% 2.9% 819 3.0% and Serious 1,380 3.431 Alcohol Involved 34.0% 15.0% 4,811 17.9% 438 **Distracted Driver** 10.8% 4,245 18.5% 4,683 17.4% **Drug Involved** 609 15.0% 3.9% 1,494 5.5% **Impaired Driver** 1,452 35.7% 4,742 6,194 20.7% 23.0% 354 1.429 **Unhelmeted Motorcyclist** 8.7% 1,783 6.2% 6.6% Injuries No Restraint Used 1,829 6,146 7,975 45.0% 26.9% 29.6% Sleepy or Fatigued 94 2.3% 620 2.7% 714 2.6% Speeding Involved 1.381 7.556 34.0% 33.0% 8,937 33.2% in Arizona Motorcycle Involved 704 17.3% 3.889 17.0% 4,593 17.0% Vehicle Train Involved 8 13 21 0.2% 0.1% 0.1% 600 Truck Involved 14.8% 2,598 11.4% 3,198 11.9% 2,380 Multiple Vehicle 58.6% 16,712 73.0% 19,092 70.8% 26 Dust Related (Windy) 0.6% 123 0.5% 0.4% 13 Wildlife/Animal Involved 0.3% 0.5% 116 0.4% Wet Weather 116 2.9% 615 2.7% 731 2.7% 226 Dusk/ Dawn 1,083 1,309 4.9% 5.6% 4.7% 851 Dark - No Light 3,112 11.5% 21.0% 2.261 9.9% Serious Injuries 1) The percentages shown in the table reflect the percent of Arizona fatalities and serious injuries that also exhibit the characteristics being summarized. 2) Urban versus Rural designation of crash occurrence is based on the 2010 U.S. Census designation of urbanized areas. Note: The graphs illustrate the number of Arizona crashes that also involved the graphed characteristic.