



*TECHNICAL MEMORANDUM #1
ATTACHMENT B
Select Crash Characteristic Data Summary Sheets*

CENTRAL ARIZONA GOVERNMENTS
STRATEGIC TRANSPORTATION SAFETY PLAN

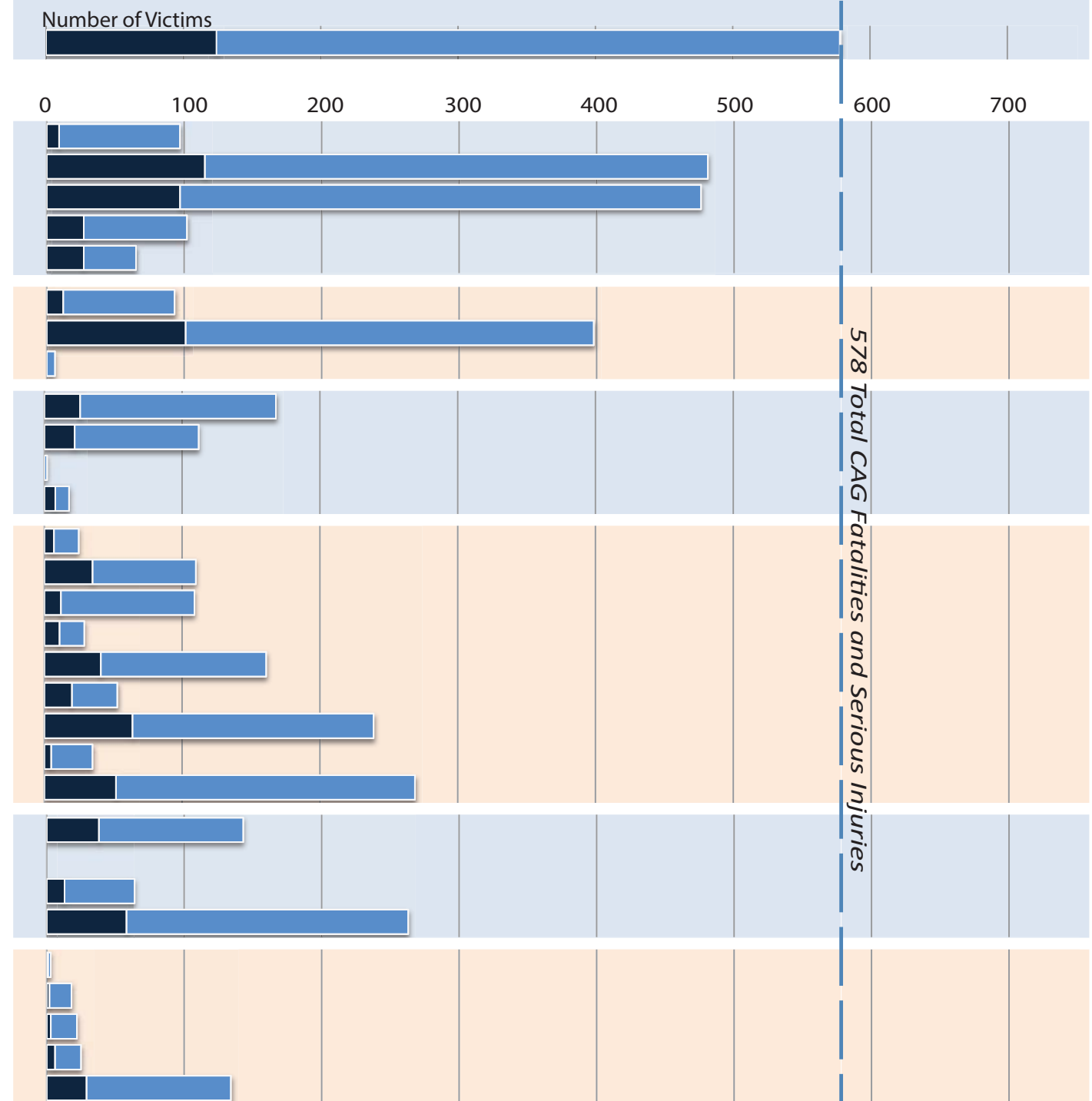
February 5, 2015

Central Arizona Governments Strategic Transportation Safety Plan

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	
CAG Total		124	100.0%	454	100.0%	578	100.0%
Characteristics		Fatalities		Serious Injuries		Fatalities & Serious Injuries	
		Fatality Count	% of total	Injury Count	% of total	Total Count	% of total
Geographic	Urban	9	7.3%	88	19.4%	97	16.8%
	Rural	115	92.7%	366	80.6%	481	83.2%
	State Highway	97	78.2%	379	83.5%	476	82.4%
	Other Road	27	21.8%	75	16.5%	102	17.6%
	Tribal Land	27	21.8%	38	8.4%	65	11.2%
Geometry	Intersection Related	12	9.7%	81	17.8%	93	16.1%
	Lane Departure	101	81.5%	297	65.4%	398	68.9%
	Work Zone	0	0.0%	6	1.3%	6	1.0%
Person Type	Young Driver (13-24)	26	21.0%	142	31.3%	168	29.1%
	65 and Older	22	17.7%	90	19.8%	112	19.4%
	Pedalcyclist Involved	0	0.0%	2	0.4%	2	0.3%
	Pedestrian Involved	8	6.5%	10	2.2%	18	3.1%
Behavior	Aggressive Driver	7	5.6%	18	4.0%	25	4.3%
	Alcohol Involved	35	28.2%	75	16.5%	110	19.0%
	Distracted Driver	12	9.7%	97	21.4%	109	18.9%
	Drug Involved	11	8.9%	18	4.0%	29	5.0%
	Impaired Driver	41	33.1%	120	26.4%	161	27.9%
	Unhelmeted Motorcyclist	20	16.1%	33	7.3%	53	9.2%
	No Restraint Used	64	51.6%	175	38.5%	239	41.3%
	Sleepy or Fatigued	5	4.0%	30	6.6%	35	6.1%
	Speeding Involved	52	41.9%	217	47.8%	269	46.5%
Vehicle	Motorcycle Involved	38	30.6%	105	23.1%	143	24.7%
	Train Involved	0	0.0%	0	0.0%	0	0.0%
	Truck Involved	13	10.5%	51	11.2%	64	11.1%
	Multiple Vehicle	58	46.8%	205	45.2%	263	45.5%
Environmental	Dust Related (Windy)	1	0.8%	2	0.4%	3	0.5%
	Wildlife/Animal Involved	2	1.6%	16	3.5%	18	3.1%
	Wet Weather	3	2.4%	19	4.2%	22	3.8%
	Dusk/ Dawn	6	4.8%	19	4.2%	25	4.3%
	Dark - No Light	29	23.4%	105	23.1%	134	23.2%



Notes:

1) The percentages shown in the table reflect the percent of CAG 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.

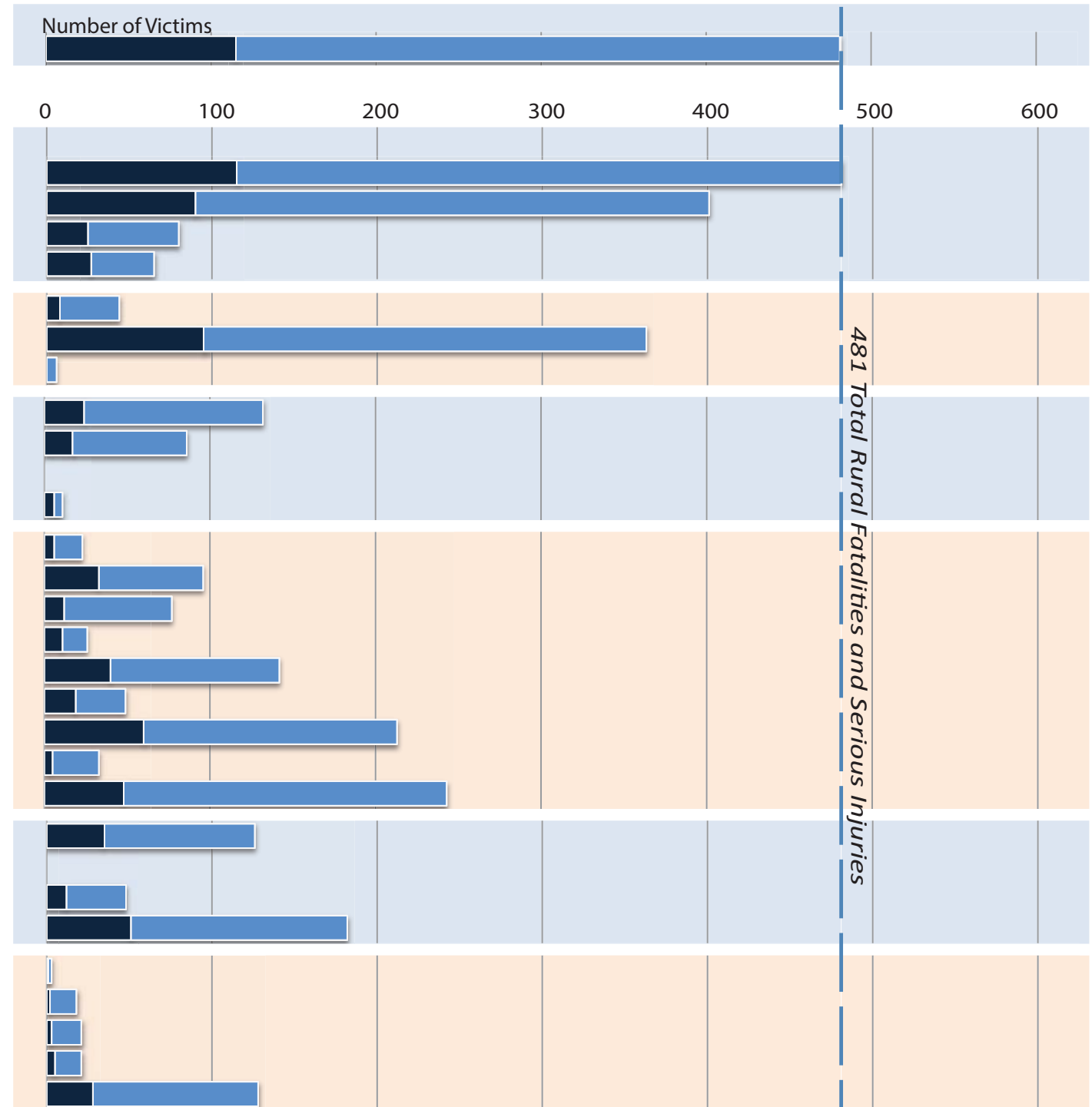
Note: The graphs illustrate the number of CAG fatalities and serious injuries that also involved the graphed characteristic.

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



Notes:

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.

■ Fatalities ■ Serious Injuries

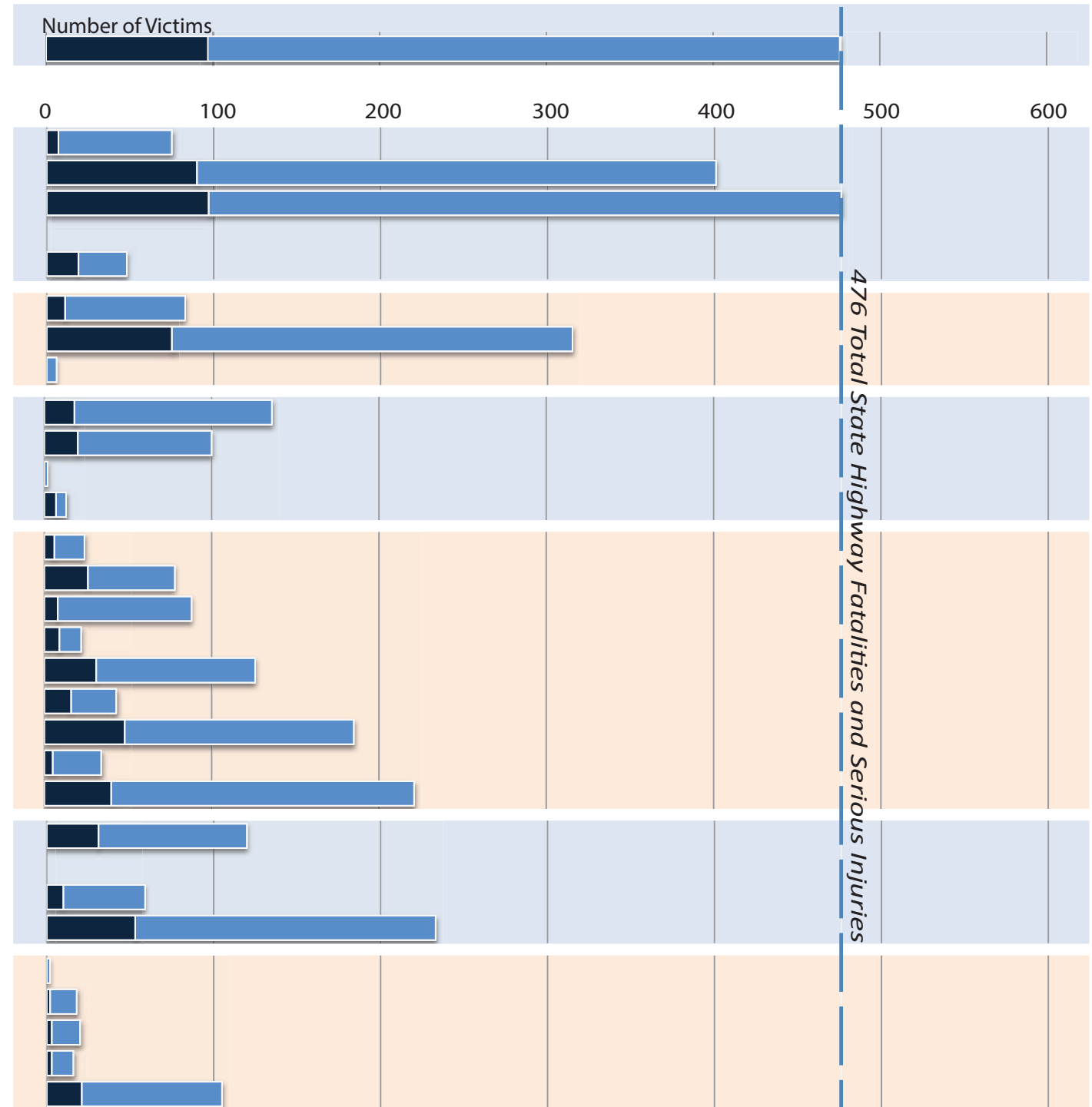
Note: The graphs illustrate the number of Rural fatalities and serious injuries that also involved the graphed characteristic.

Central Arizona Governments Strategic Transportation Safety Plan

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

State Highway Fatality and Serious Injury Counts from 2009-2013

State Highway		Fatalities		Serious Injuries		Fatalities & Serious Injuries	
		97	100%	379	100%	476	100%
Characteristics		Fatalities		Serious Injuries		Fatalities & Serious Injuries	
		Fatality Count	% of total	Injury Count	% of total	Total Count	% of total
Geographic	Urban	7	7.2%	68	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	0.0%
	Tribal Land	19	19.6%	29	7.7%	48	10.1%
Geometry	Intersection Related	11	11.3%	72	19.0%	83	17.4%
	Lane Departure	75	77.3%	240	63.3%	315	66.2%
	Work Zone	0	0.0%	6	1.6%	6	1.3%
Person Type	Young Driver (13-24)	18	18.6%	118	31.1%	136	28.6%
	65 and Older	20	20.6%	80	21.1%	100	21.0%
	Pedalcyclist Involved	0	0.0%	2	0.5%	2	0.4%
	Pedestrian Involved	7	7.2%	6	1.6%	13	2.7%
Behavior	Aggressive Driver	6	6.2%	18	4.7%	24	5.0%
	Alcohol Involved	26	26.8%	52	13.7%	78	16.4%
	Distracted Driver	8	8.2%	80	21.1%	88	18.5%
	Drug Involved	9	9.3%	13	3.4%	22	4.6%
	Impaired Driver	31	32.0%	95	25.1%	126	26.5%
	Unhelmeted Motorcyclist	16	16.5%	27	7.1%	43	9.0%
	No Restraint Used	48	49.5%	137	36.1%	185	38.9%
	Sleepy or Fatigued	5	5.2%	29	7.7%	34	7.1%
	Speeding Involved	40	41.2%	181	47.8%	221	46.4%
Vehicle	Motorcycle Involved	31	32.0%	89	23.5%	120	25.2%
	Train Involved	0	0.0%	0	0.0%	0	0.0%
	Truck Involved	10	10.3%	49	12.9%	59	12.4%
	Multiple Vehicle	53	54.6%	180	47.5%	233	48.9%
Environmental	Dust Related (Windy)	0	0.0%	2	0.5%	2	0.4%
	Wildlife/Animal Involved	2	2.1%	16	4.2%	18	3.8%
	Wet Weather	3	3.1%	17	4.5%	20	4.2%
	Dusk/ Dawn	3	3.1%	13	3.4%	16	3.4%
	Dark - No Light	21	21.6%	84	22.2%	105	22.1%



Notes:

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.

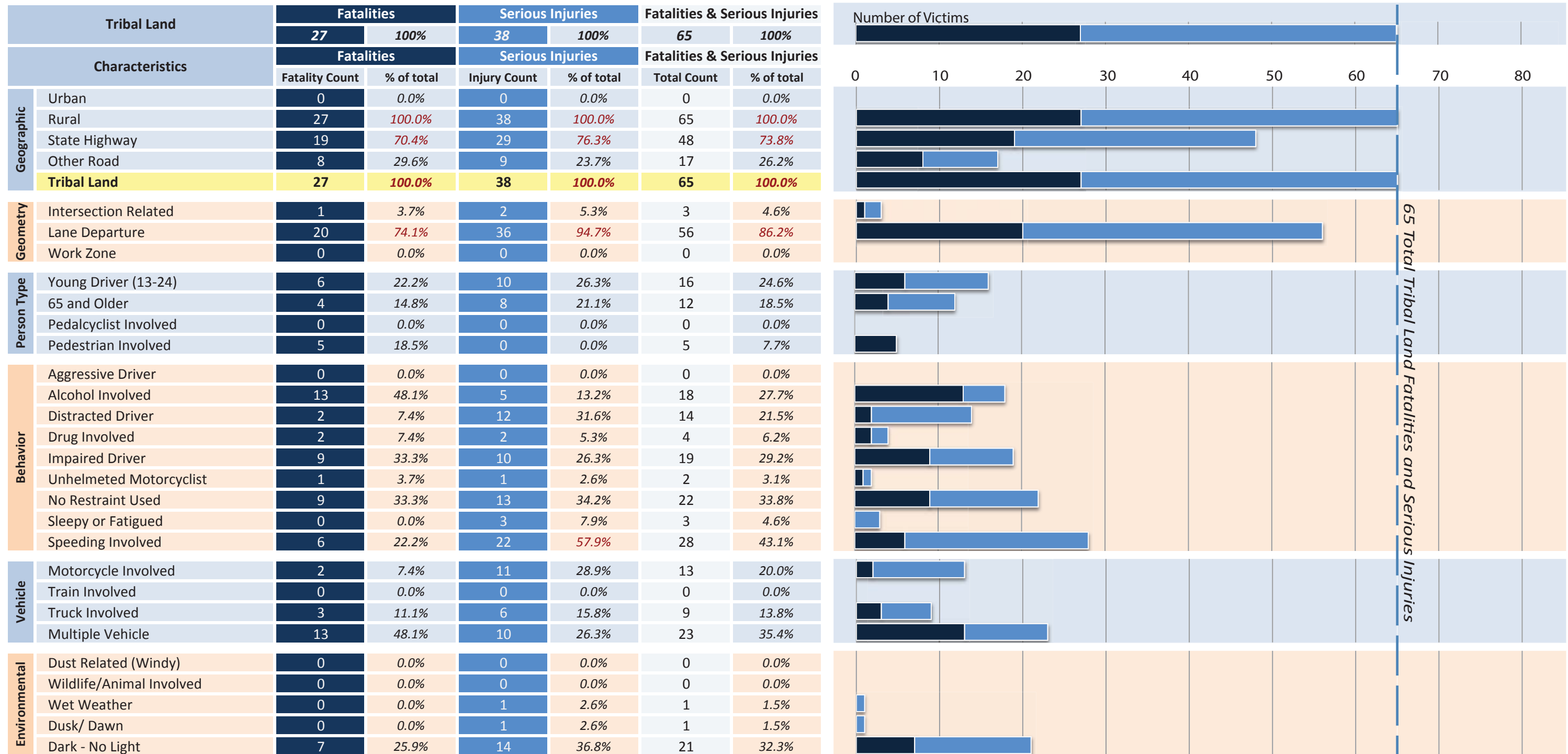
Source: 2009-2013 Accident Location Identification and Surveillance Systems (ALISS) database. Information presented in this publication may be based on preliminary data and as such differ slightly from previous or future crash summaries.

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

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

Tribal Land Fatality and Serious Injury Counts from 2009-2013



Notes:

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.

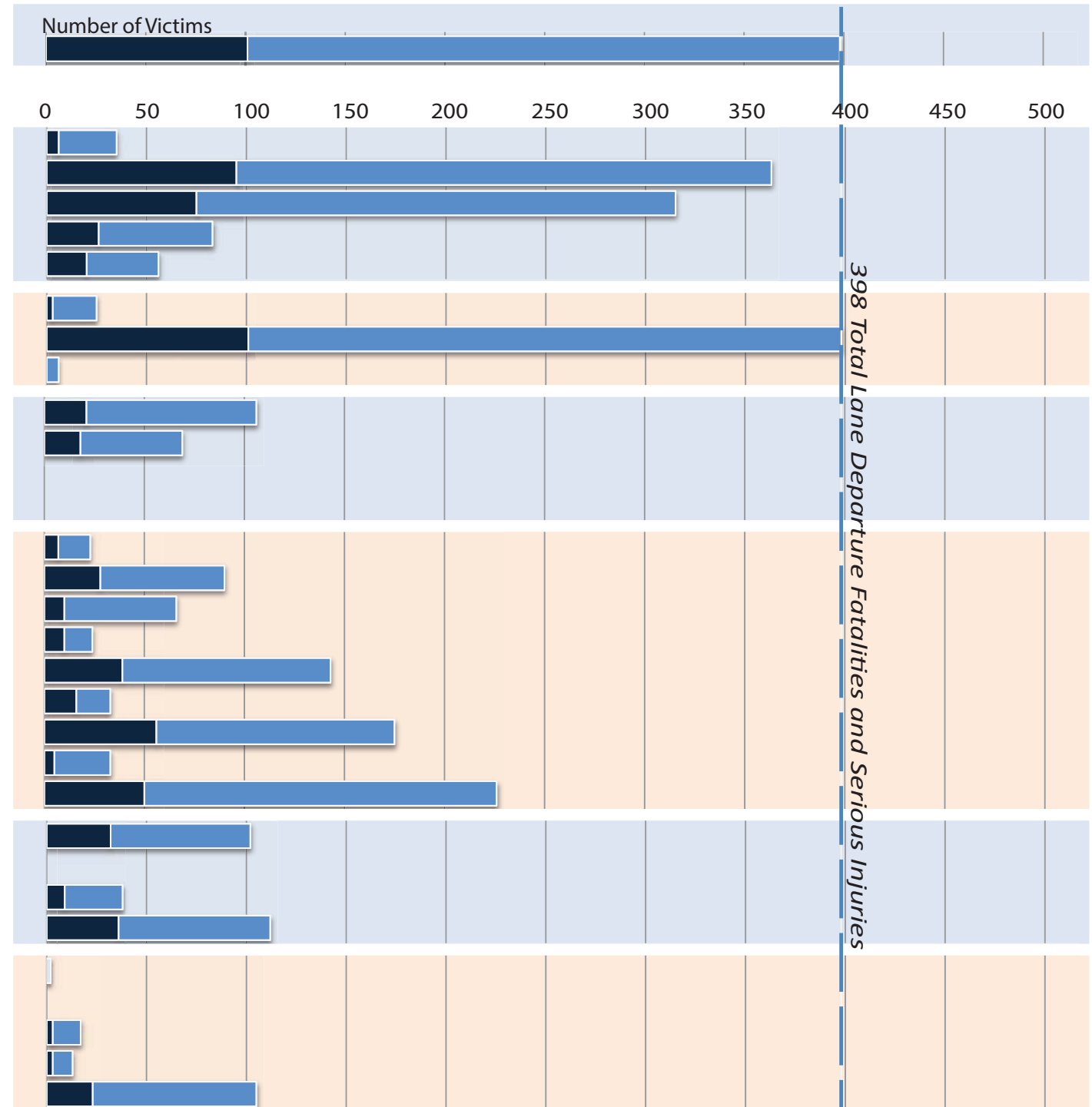
Source: 2005-2012 Accident Location Identification and Surveillance System (ALISS) database, received July 2013. Information presented in this publication may be based on preliminary data and as such differ slightly from previous or future crash summaries.

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

Lane Departure Fatality and Serious Injury Counts from 2009-2013

Lane Departure		Fatalities		Serious Injuries		Fatalities & Serious Injuries	
		101	100%	297	100%	398	100%
Characteristics		Fatalities		Serious Injuries		Fatalities & Serious Injuries	
		Fatality Count	% of total	Injury Count	% of total	Total Count	% of total
Geographic	Urban	6	5.9%	29	9.8%	35	8.8%
	Rural	95	94.1%	268	90.2%	363	91.2%
	State Highway	75	74.3%	240	80.8%	315	79.1%
	Other Road	26	25.7%	57	19.2%	83	20.9%
	Tribal Land	20	19.8%	36	12.1%	56	14.1%
Geometry	Intersection Related	3	3.0%	22	7.4%	25	6.3%
	Lane Departure	101	100.0%	297	100.0%	398	100.0%
	Work Zone	0	0.0%	6	2.0%	6	1.5%
Person Type	Young Driver (13-24)	21	20.8%	85	28.6%	106	26.6%
	65 and Older	18	17.8%	51	17.2%	69	17.3%
	Pedalcyclist Involved	0	0.0%	0	0.0%	0	0.0%
	Pedestrian Involved	0	0.0%	0	0.0%	0	0.0%
Behavior	Aggressive Driver	7	6.9%	16	5.4%	23	5.8%
	Alcohol Involved	28	27.7%	62	20.9%	90	22.6%
	Distracted Driver	10	9.9%	56	18.9%	66	16.6%
	Drug Involved	10	9.9%	14	4.7%	24	6.0%
	Impaired Driver	39	38.6%	104	35.0%	143	35.9%
	Unhelmeted Motorcyclist	16	15.8%	17	5.7%	33	8.3%
	No Restraint Used	56	55.4%	119	40.1%	175	44.0%
	Sleepy or Fatigued	5	5.0%	28	9.4%	33	8.3%
	Speeding Involved	50	49.5%	176	59.3%	226	56.8%
Vehicle	Motorcycle Involved	32	31.7%	70	23.6%	102	25.6%
	Train Involved	0	0.0%	0	0.0%	0	0.0%
	Truck Involved	9	8.9%	29	9.8%	38	9.5%
	Multiple Vehicle	36	35.6%	76	25.6%	112	28.1%
Environmental	Dust Related (Windy)	1	1.0%	1	0.3%	2	0.5%
	Wildlife/Animal Involved	0	0.0%	0	0.0%	0	0.0%
	Wet Weather	3	3.0%	14	4.7%	17	4.3%
	Dusk/ Dawn	3	3.0%	10	3.4%	13	3.3%
	Dark - No Light	23	22.8%	82	27.6%	105	26.4%



Notes:

1) The percentages shown in the table reflect the percent of Lane Departure 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.

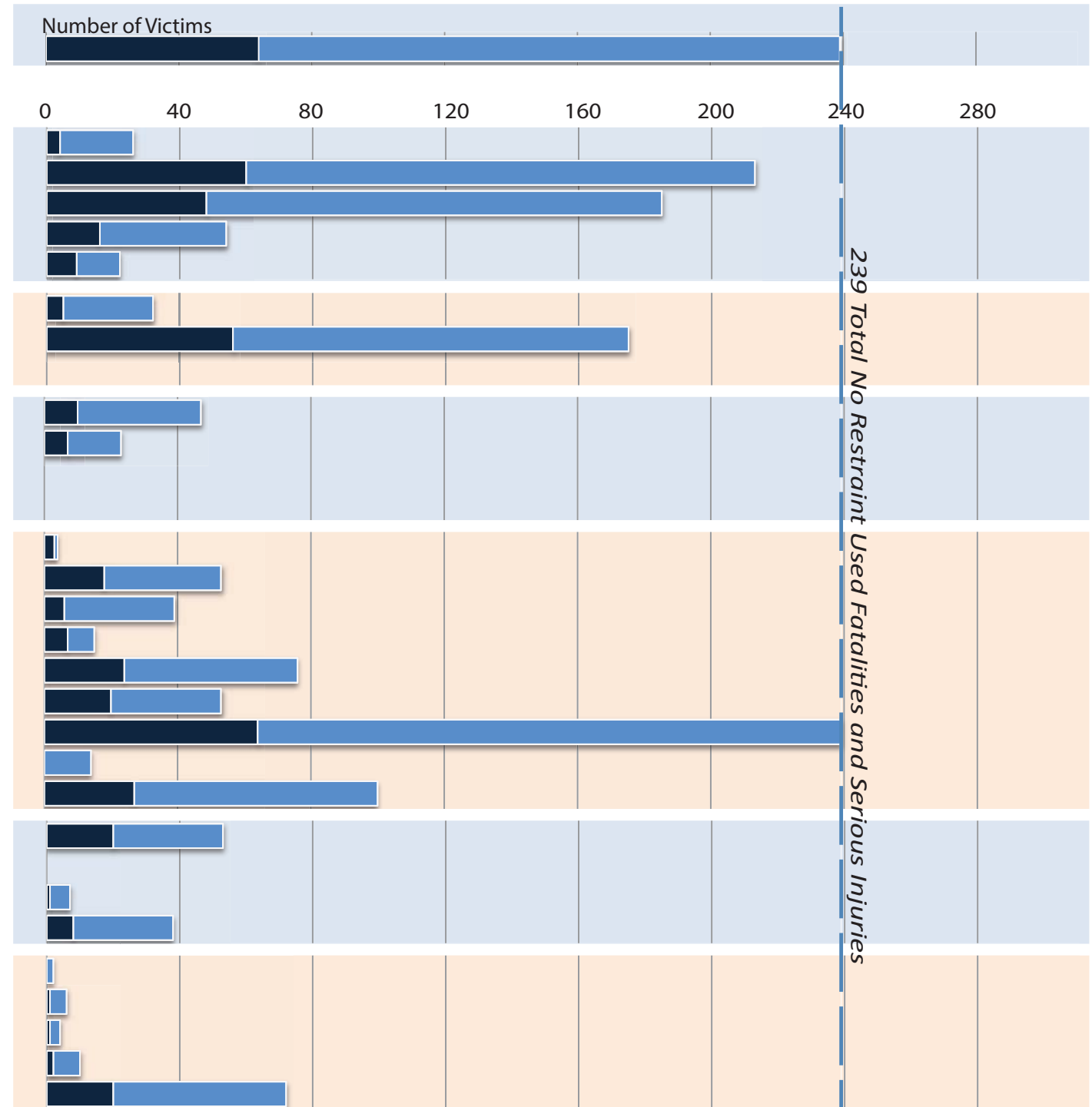
Note: The graphs illustrate the number of Lane Departure fatalities and serious injuries that also involved the graphed characteristic.

Central Arizona Governments Strategic Transportation Safety Plan

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	
		64	100%	175	100%	239	100%
Characteristics		Fatalities		Serious Injuries		Fatalities & Serious Injuries	
		Fatality Count	% of total	Injury Count	% of total	Total Count	% of total
Geographic	Urban	4	6.3%	22	12.6%	26	10.9%
	Rural	60	93.8%	153	87.4%	213	89.1%
	State Highway	48	75.0%	137	78.3%	185	77.4%
	Other Road	16	25.0%	38	21.7%	54	22.6%
	Tribal Land	9	14.1%	13	7.4%	22	9.2%
Geometry	Intersection Related	5	7.8%	27	15.4%	32	13.4%
	Lane Departure	56	87.5%	119	68.0%	175	73.2%
	Work Zone	0	0.0%	0	0.0%	0	0.0%
Person Type	Young Driver (13-24)	10	15.6%	37	21.1%	47	19.7%
	65 and Older	7	10.9%	16	9.1%	23	9.6%
	Pedalcyclist Involved	0	0.0%	0	0.0%	0	0.0%
	Pedestrian Involved	0	0.0%	0	0.0%	0	0.0%
Behavior	Aggressive Driver	3	4.7%	1	0.6%	4	1.7%
	Alcohol Involved	18	28.1%	35	20.0%	53	22.2%
	Distracted Driver	6	9.4%	33	18.9%	39	16.3%
	Drug Involved	7	10.9%	8	4.6%	15	6.3%
	Impaired Driver	24	37.5%	52	29.7%	76	31.8%
	Unhelmeted Motorcyclist	20	31.3%	33	18.9%	53	22.2%
	No Restraint Used	64	100.0%	175	100.0%	239	100.0%
	Sleepy or Fatigued	0	0.0%	14	8.0%	14	5.9%
	Speeding Involved	27	42.2%	73	41.7%	100	41.8%
Vehicle	Motorcycle Involved	20	31.3%	33	18.9%	53	22.2%
	Train Involved	0	0.0%	0	0.0%	0	0.0%
	Truck Involved	1	1.6%	6	3.4%	7	2.9%
	Multiple Vehicle	8	12.5%	30	17.1%	38	15.9%
Environmental	Dust Related (Windy)	0	0.0%	2	1.1%	2	0.8%
	Wildlife/Animal Involved	1	1.6%	5	2.9%	6	2.5%
	Wet Weather	1	1.6%	3	1.7%	4	1.7%
	Dusk/ Dawn	2	3.1%	8	4.6%	10	4.2%
	Dark - No Light	20	31.3%	52	29.7%	72	30.1%



Notes:

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.

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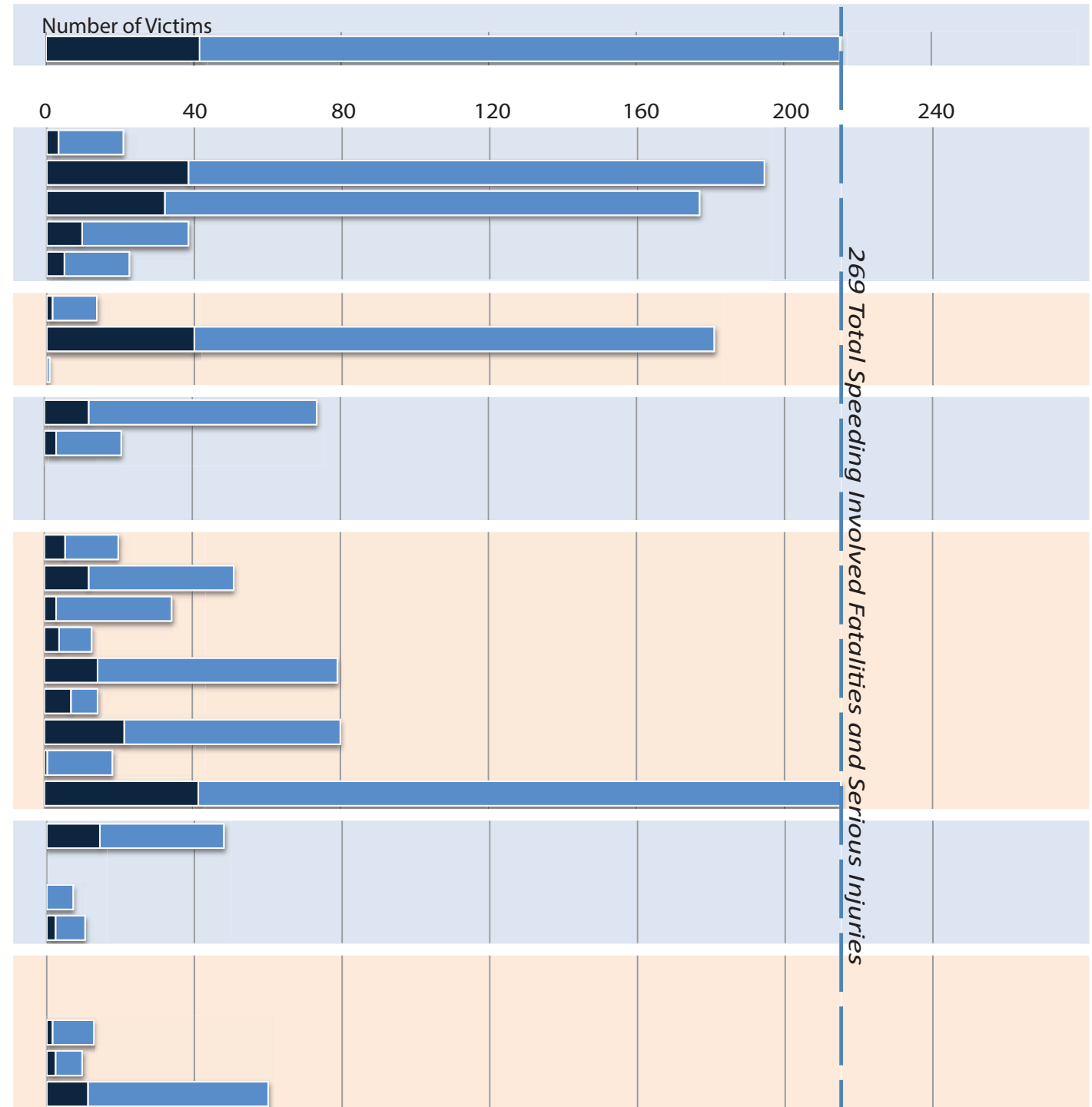
Note: The graphs illustrate the number of No Restraint Used fatalities and serious injuries that also involved the graphed characteristic.

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		Fatalities		Serious Injuries		Fatalities & Serious Injuries	
		52	100%	217	100%	269	100%
Characteristics		Fatalities		Serious Injuries		Fatalities & Serious Injuries	
		Fatality Count	% of total	Injury Count	% of total	Total Count	% of total
Geographic	Urban	4	7.7%	22	10.1%	26	9.7%
	Rural	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%
Geometry	Intersection Related	2	3.8%	15	6.9%	17	6.3%
	Lane Departure	50	96.2%	176	81.1%	226	84.0%
	Work Zone	0	0.0%	1	0.5%	1	0.4%
Person Type	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%
	Pedalcyclist Involved	0	0.0%	0	0.0%	0	0.0%
	Pedestrian Involved	0	0.0%	0	0.0%	0	0.0%
Behavior	Aggressive Driver	7	13.5%	18	8.3%	25	9.3%
	Alcohol Involved	15	28.8%	49	22.6%	64	23.8%
	Distracted Driver	4	7.7%	39	18.0%	43	16.0%
	Drug Involved	5	9.6%	11	5.1%	16	5.9%
	Impaired Driver	18	34.6%	81	37.3%	99	36.8%
	Unhelmeted Motorcyclist	9	17.3%	9	4.1%	18	6.7%
	No Restraint Used	27	51.9%	73	33.6%	100	37.2%
	Sleepy or Fatigued	1	1.9%	22	10.1%	23	8.6%
	Speeding Involved	52	100.0%	217	100.0%	269	100.0%
Vehicle	Motorcycle Involved	18	34.6%	42	19.4%	60	22.3%
	Train Involved	0	0.0%	0	0.0%	0	0.0%
	Truck Involved	0	0.0%	9	4.1%	9	3.3%
	Multiple Vehicle	3	5.8%	10	4.6%	13	4.8%
Environmental	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	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%



Notes:

- 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.

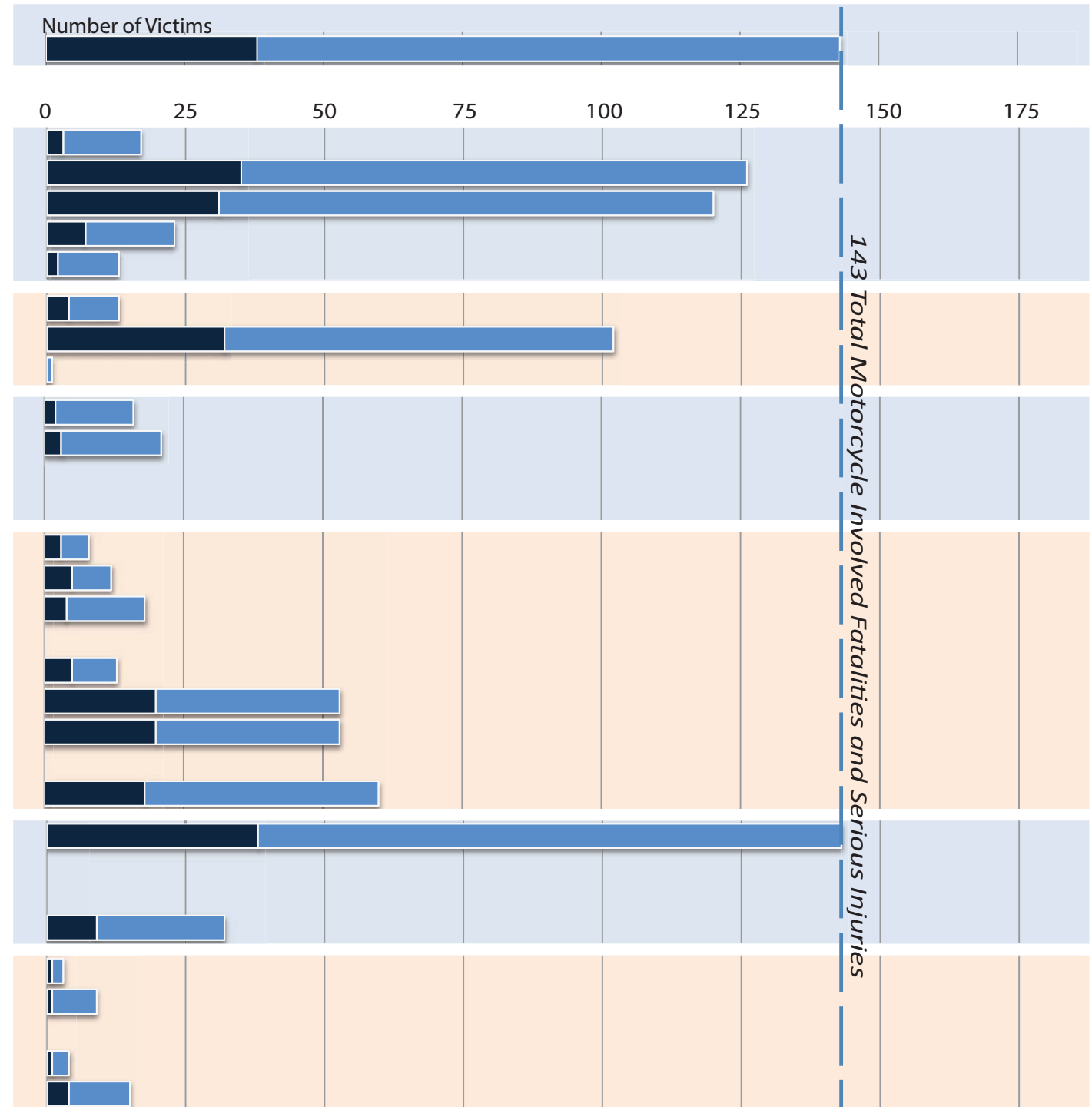
Note: The graphs illustrate the number of Speeding Involved fatalities and serious injuries that also involved the graphed characteristic.

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

Motorcycle Involved Fatality and Serious Injury Counts from 2009-2013

Motorcycle Involved		Fatalities		Serious Injuries		Fatalities & Serious Injuries	
		38	100%	105	100%	143	100%
Characteristics		Fatalities		Serious Injuries		Fatalities & Serious Injuries	
		Fatality Count	% of total	Injury Count	% of total	Total Count	% of total
Geographic	Urban	3	7.9%	14	13.3%	17	11.9%
	Rural	35	92.1%	91	86.7%	126	88.1%
	State Highway	31	81.6%	89	84.8%	120	83.9%
	Other Road	7	18.4%	16	15.2%	23	16.1%
	Tribal Land	2	5.3%	11	10.5%	13	9.1%
Geometry	Intersection Related	4	10.5%	9	8.6%	13	9.1%
	Lane Departure	32	84.2%	70	66.7%	102	71.3%
	Work Zone	0	0.0%	1	1.0%	1	0.7%
Person Type	Young Driver (13-24)	2	5.3%	14	13.3%	16	11.2%
	65 and Older	3	7.9%	18	17.1%	21	14.7%
	Pedalcyclist Involved	0	0.0%	0	0.0%	0	0.0%
	Pedestrian Involved	0	0.0%	0	0.0%	0	0.0%
Behavior	Aggressive Driver	3	7.9%	5	4.8%	8	5.6%
	Alcohol Involved	5	13.2%	7	6.7%	12	8.4%
	Distracted Driver	4	10.5%	14	13.3%	18	12.6%
	Drug Involved	0	0.0%	0	0.0%	0	0.0%
	Impaired Driver	5	13.2%	8	7.6%	13	9.1%
	Unhelmeted Motorcyclist	20	52.6%	33	31.4%	53	37.1%
	No Restraint Used	20	52.6%	33	31.4%	53	37.1%
	Sleepy or Fatigued	0	0.0%	0	0.0%	0	0.0%
	Speeding Involved	18	47.4%	42	40.0%	60	42.0%
Vehicle	Motorcycle Involved	38	100.0%	105	100.0%	143	100.0%
	Train Involved	0	0.0%	0	0.0%	0	0.0%
	Truck Involved	0	0.0%	0	0.0%	0	0.0%
	Multiple Vehicle	9	23.7%	23	21.9%	32	22.4%
Environmental	Dust Related (Windy)	1	2.6%	2	1.9%	3	2.1%
	Wildlife/Animal Involved	1	2.6%	8	7.6%	9	6.3%
	Wet Weather	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%



Notes:

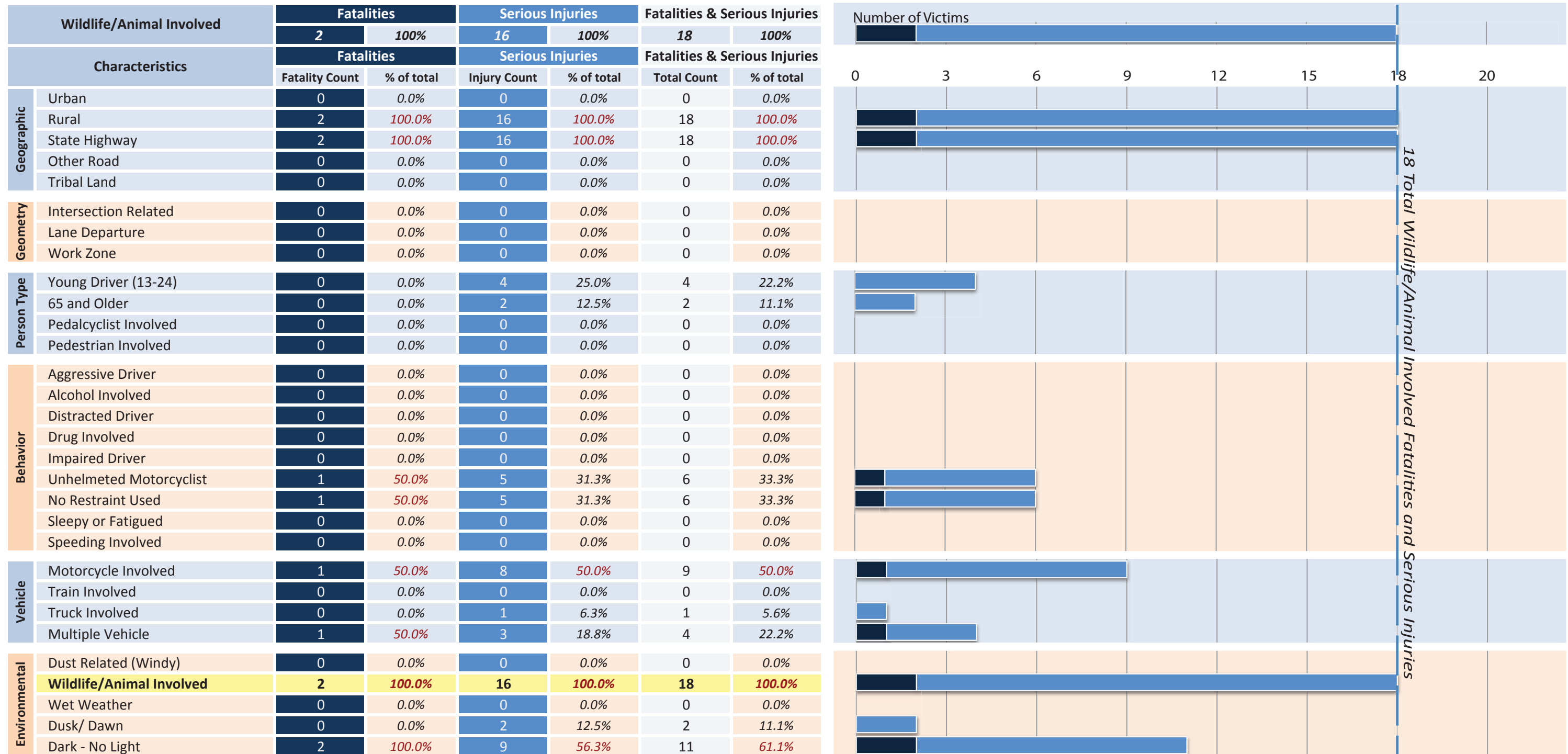
- 1) The percentages shown in the table reflect the percent of Motorcycle Involved fatalities and serious injuries that also exhibit the characteristics being summarized.
 - 2) Urban versus Rural designation of crash occurrence is based on the 2010 U.S. Census designation of urbanized areas.
- Source: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

Central Arizona Governments Strategic Transportation Safety Plan

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

Wildlife/Animal Involved Fatality and Serious Injury Counts from 2009-2013



Notes:

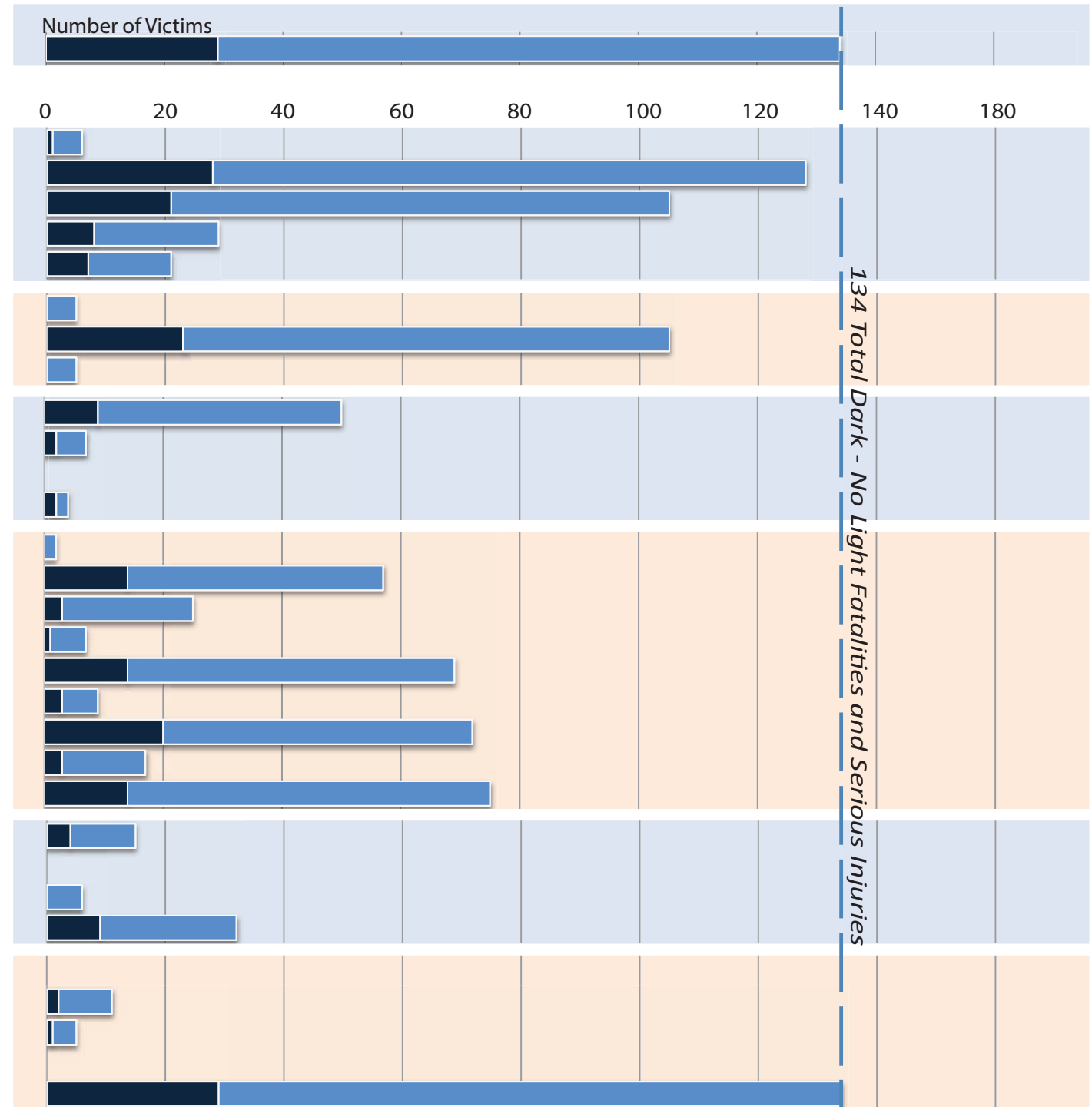
- 1) The percentages shown in the table reflect the percent of Wildlife/Animal Involved fatalities and serious injuries that also exhibit the characteristics being summarized.
 - 2) Urban versus Rural designation of crash occurrence is based on the 2010 U.S. Census designation of urbanized areas.
- Source: 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 Dark - No Light Crashes | 2009-2013

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

Dark - No Light		Fatalities		Serious Injuries		Fatalities & Serious Injuries	
		29	100%	105	100%	134	100%
Characteristics		Fatalities		Serious Injuries		Fatalities & Serious Injuries	
		Fatality Count	% of total	Injury Count	% of total	Total Count	% of total
Geographic	Urban	1	3.4%	5	4.8%	6	4.5%
	Rural	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%
Geometry	Intersection Related	0	0.0%	5	4.8%	5	3.7%
	Lane Departure	23	79.3%	82	78.1%	105	78.4%
	Work Zone	0	0.0%	5	4.8%	5	3.7%
Person Type	Young Driver (13-24)	9	31.0%	41	39.0%	50	37.3%
	65 and Older	2	6.9%	5	4.8%	7	5.2%
	Pedalcyclist Involved	0	0.0%	0	0.0%	0	0.0%
	Pedestrian Involved	2	6.9%	2	1.9%	4	3.0%
Behavior	Aggressive Driver	0	0.0%	2	1.9%	2	1.5%
	Alcohol Involved	14	48.3%	43	41.0%	57	42.5%
	Distracted Driver	3	10.3%	22	21.0%	25	18.7%
	Drug Involved	1	3.4%	6	5.7%	7	5.2%
	Impaired Driver	14	48.3%	55	52.4%	69	51.5%
	Unhelmeted Motorcyclist	3	10.3%	6	5.7%	9	6.7%
	No Restraint Used	20	69.0%	52	49.5%	72	53.7%
	Sleepy or Fatigued	3	10.3%	14	13.3%	17	12.7%
	Speeding Involved	14	48.3%	61	58.1%	75	56.0%
Vehicle	Motorcycle Involved	4	13.8%	11	10.5%	15	11.2%
	Train Involved	0	0.0%	0	0.0%	0	0.0%
	Truck Involved	0	0.0%	6	5.7%	6	4.5%
	Multiple Vehicle	9	31.0%	23	21.9%	32	23.9%
Environmental	Dust Related (Windy)	0	0.0%	0	0.0%	0	0.0%
	Wildlife/Animal Involved	2	6.9%	9	8.6%	11	8.2%
	Wet Weather	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%



Notes:

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

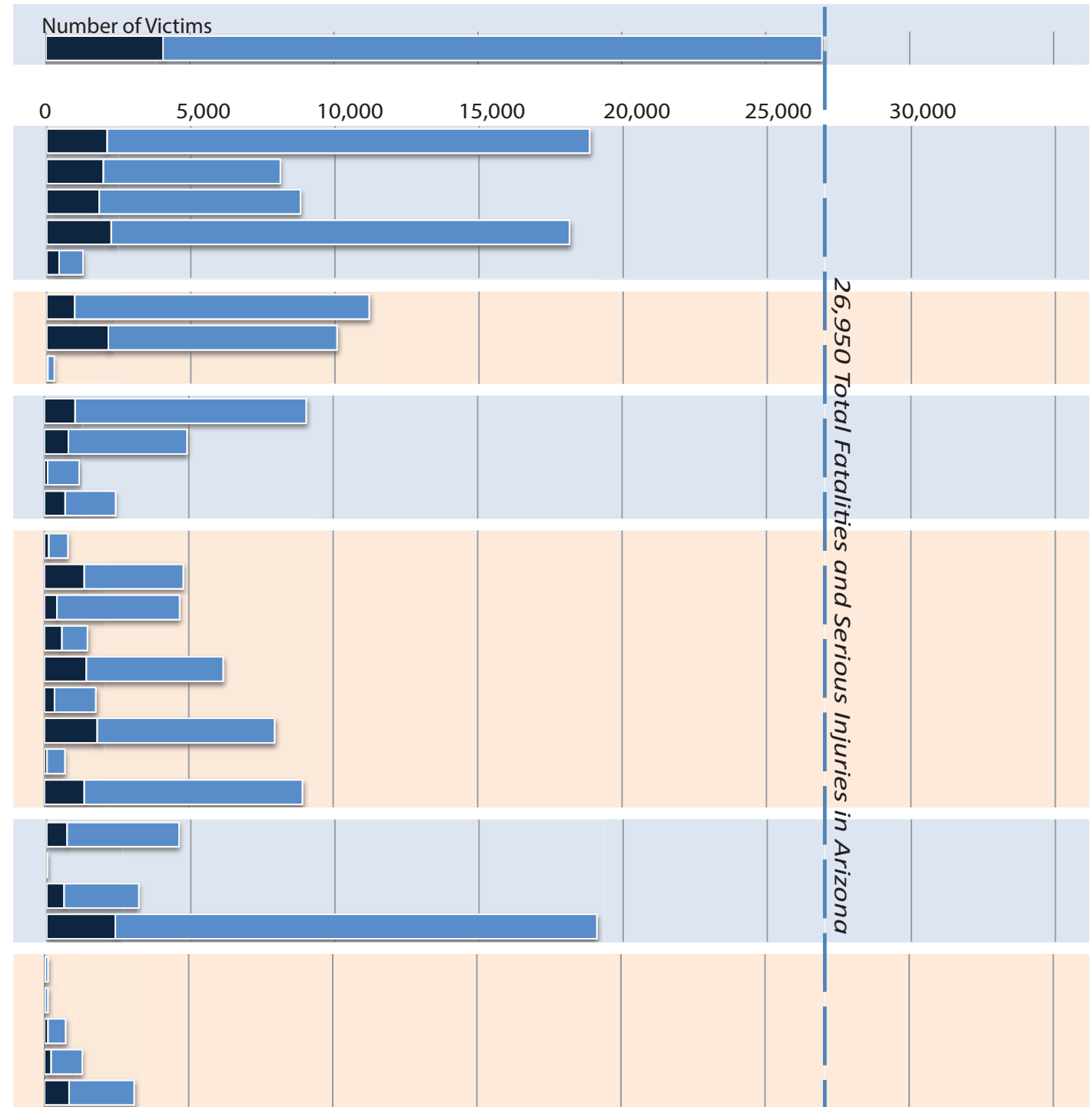
Note: The graphs illustrate the number of Dark - No Light fatalities and serious injuries that also involved the graphed characteristic.

Central Arizona Governments Strategic Transportation Safety Plan

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	
Arizona Total		4,062	100.0%	22,888	100.0%	26,950	100.0%
Characteristics		Fatalities		Serious Injuries		Fatalities & Serious Injuries	
		Fatality Count	% of total	Injury Count	% of total	Total Count	% of total
Geographic	Urban	2,096	51.6%	16,745	73.2%	18,841	69.9%
	Rural	1,966	48.4%	6,143	26.8%	8,109	30.1%
	State Highway	1,823	44.9%	6,985	30.5%	8,808	32.7%
	Other Road	2,239	55.1%	15,903	69.5%	18,142	67.3%
	Tribal Land	431	10.6%	826	3.6%	1,257	4.7%
Geometry	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%
Person Type	Young Driver (13-24)	1,066	26.2%	8,004	35.0%	9,070	33.7%
	65 and Older	836	20.6%	4,111	18.0%	4,947	18.4%
	Pedalcyclist Involved	115	2.8%	1,093	4.8%	1,208	4.5%
	Pedestrian Involved	723	17.8%	1,748	7.6%	2,471	9.2%
Behavior	Aggressive Driver	155	3.8%	664	2.9%	819	3.0%
	Alcohol Involved	1,380	34.0%	3,431	15.0%	4,811	17.9%
	Distracted Driver	438	10.8%	4,245	18.5%	4,683	17.4%
	Drug Involved	609	15.0%	885	3.9%	1,494	5.5%
	Impaired Driver	1,452	35.7%	4,742	20.7%	6,194	23.0%
	Unhelmeted Motorcyclist	354	8.7%	1,429	6.2%	1,783	6.6%
	No Restraint Used	1,829	45.0%	6,146	26.9%	7,975	29.6%
	Sleepy or Fatigued	94	2.3%	620	2.7%	714	2.6%
	Speeding Involved	1,381	34.0%	7,556	33.0%	8,937	33.2%
Vehicle	Motorcycle Involved	704	17.3%	3,889	17.0%	4,593	17.0%
	Train Involved	8	0.2%	13	0.1%	21	0.1%
	Truck Involved	600	14.8%	2,598	11.4%	3,198	11.9%
	Multiple Vehicle	2,380	58.6%	16,712	73.0%	19,092	70.8%
Environmental	Dust Related (Windy)	26	0.6%	97	0.4%	123	0.5%
	Wildlife/Animal Involved	13	0.3%	103	0.5%	116	0.4%
	Wet Weather	116	2.9%	615	2.7%	731	2.7%
	Dusk/ Dawn	226	5.6%	1,083	4.7%	1,309	4.9%
	Dark - No Light	851	21.0%	2,261	9.9%	3,112	11.5%



Notes:

- 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.

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 Arizona crashes that also involved the graphed characteristic.