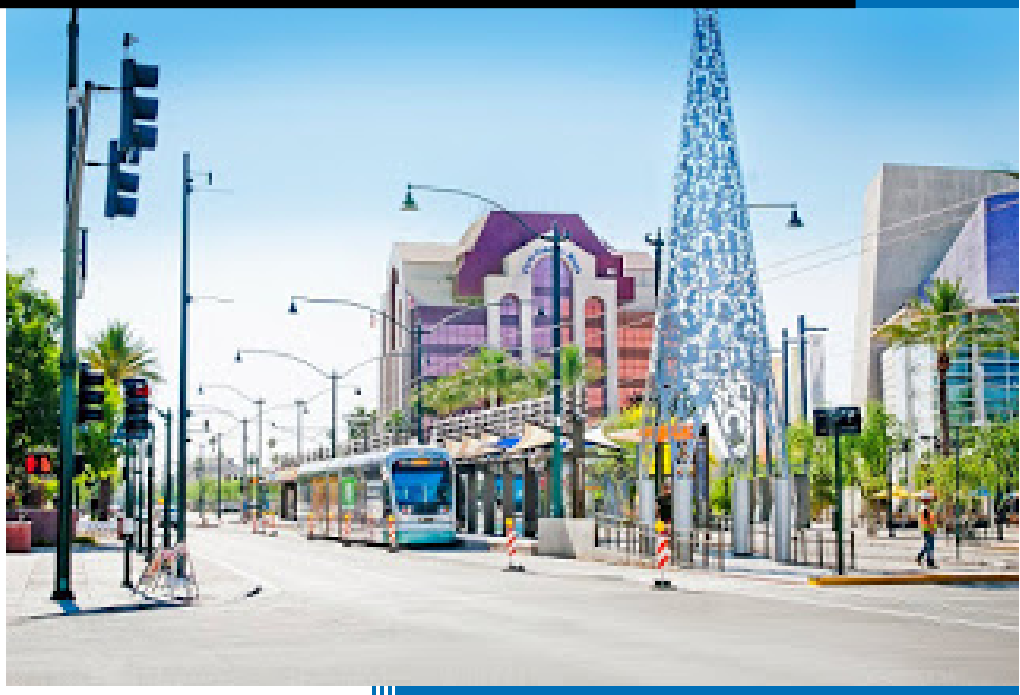
mesa·az

2014

Annual Crash Report



David Rico, Traffic Studies Analyst

City of Mesa

7/25/2017

SECTION 1:

FATALITIES

In 2014, the City of Mesa had 19 fatal crashes with a total of 20 fatalities. The following collection of charts and tables documents fatal crashes of 2014. Descriptions of these tables and charts will be found underneath their respective tables and charts.

For the purposes of this document, “Vehicle 1” is defined as the motorist (or non-motorist) deemed at fault by Mesa Police Department. “Vehicle 2” is defined as the involved motorist (or non-motorist) that was deemed the victim by Mesa Police Department.

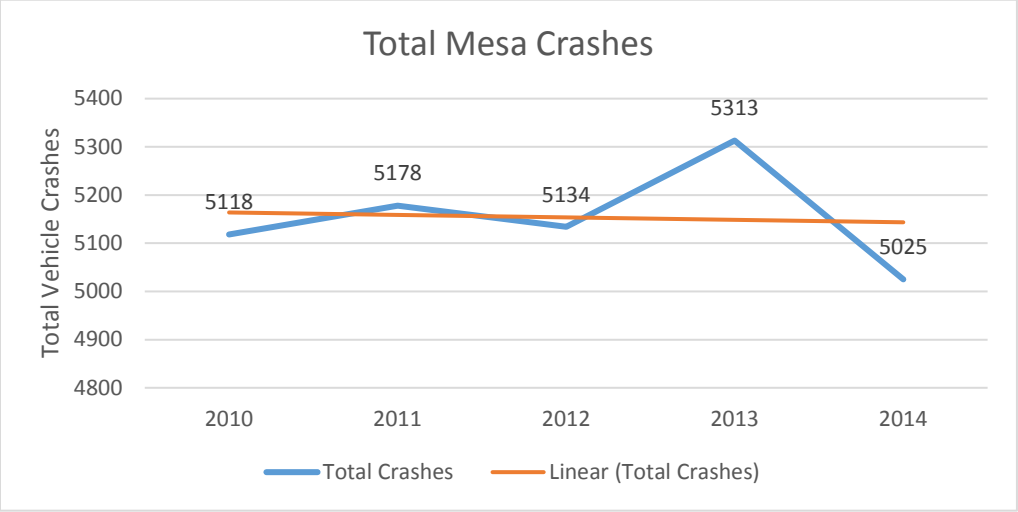
For the purposes of this document, the term “bike” and “pedalcycle” may be used interchangeably. Likewise, the term “bicyclist” and “pedalcyclist” may be used interchangeably.

Mesa Fatal Crashes: General View w/ 5-Year Average

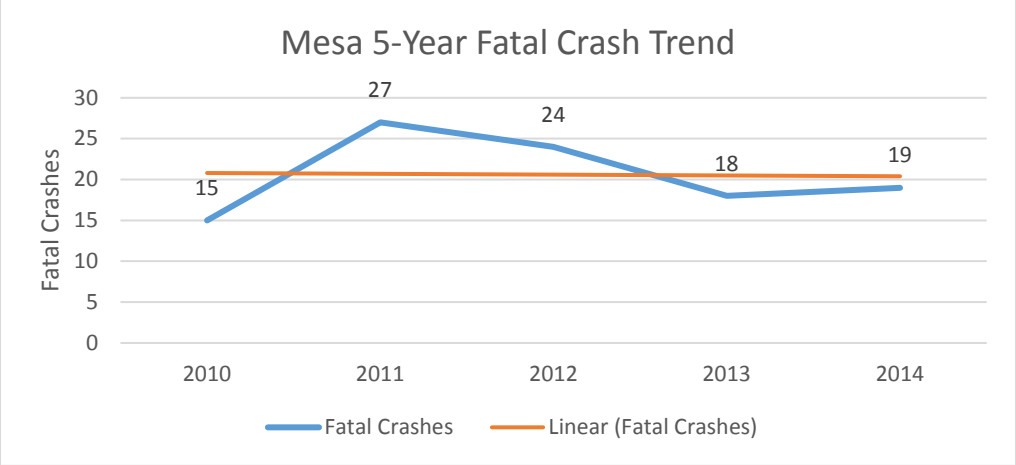
YEAR	FATAL CRASHES BY YEAR	TOTAL FATALITIES BY YEAR	MESA TOTAL CRASHES BY YEAR	MESA ESTIMATED POPULATION BY YEAR	TOTAL FATALITIES PER 100,000 POPULATION	FATALITIES PER 100,000: PERCENT FROM 5-YEAR AVERAGE
2001	31	31	9928	416301	7	
2002	22	23	9155	427923	5	
2003	30	31	8520	435391	7	
2004	25	27	9184	443733	6	
2005	64	67	9205	450948	15	
2006	47	50	8522	456449	11	
2007	25	26	7933	460493	6	
2008	25	26	5908	463829	6	
2009	19	21	5504	467157	4	
2010	15	15	5118	440031	3.4	-30.0%
2011	27	29	5178	444685	6.5	33.9%
2012	24	24	5134	451677	5.3	9.1%
2013	18	22	5313	457587	4.8	-1.3%
2014	19	20	5025	464704	4.3	-11.6%
2015	15	15	4979	471825	3	
2016	28	30	5533	475274	6	
2014 5-YR AVG	21	22	5154	451737	4.9	

Information provided by City of Mesa website. (Their source is ESRI Community Analysis)
Information from http://population.us/az/mesa/
Information from https://www.census.gov/quickfacts/

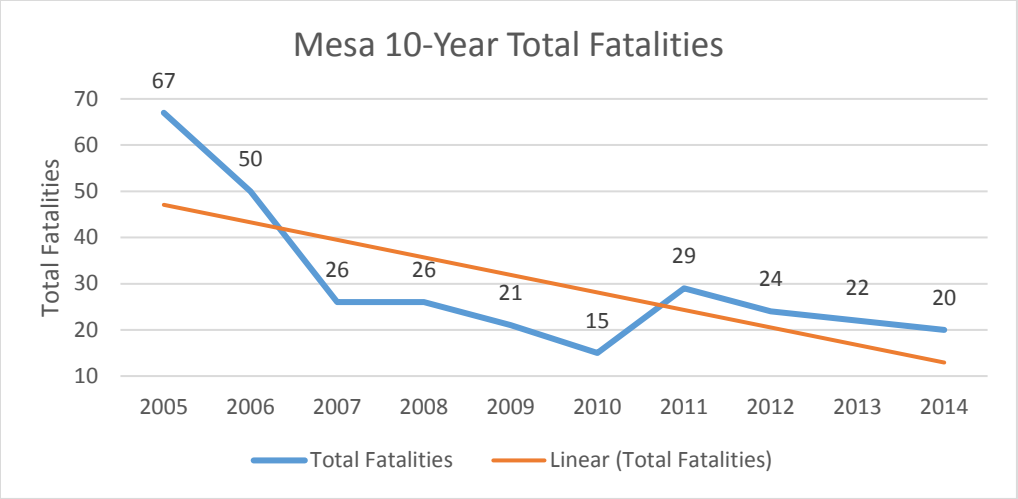
The outlined cells represent the 5-year period that is used to calculate the average. Fatalities per 100,000 population were down 11.6% from the 5-year average of 4.9 fatalities per 100,000 population.



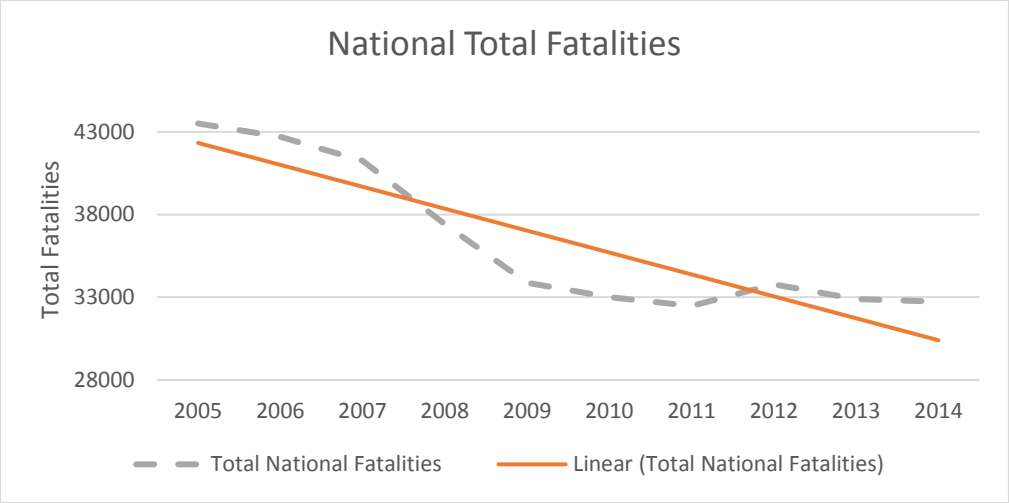
There were 5.73% less total vehicle crashes in 2014 than in 2013.

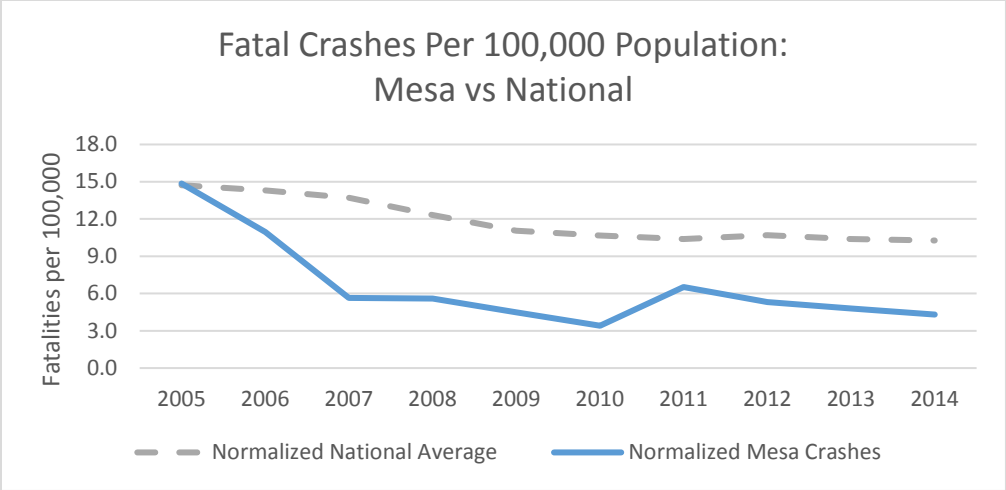


Based on a 5-year average (2010 - 2014), fatal crashes are showing a minimal downward trend.

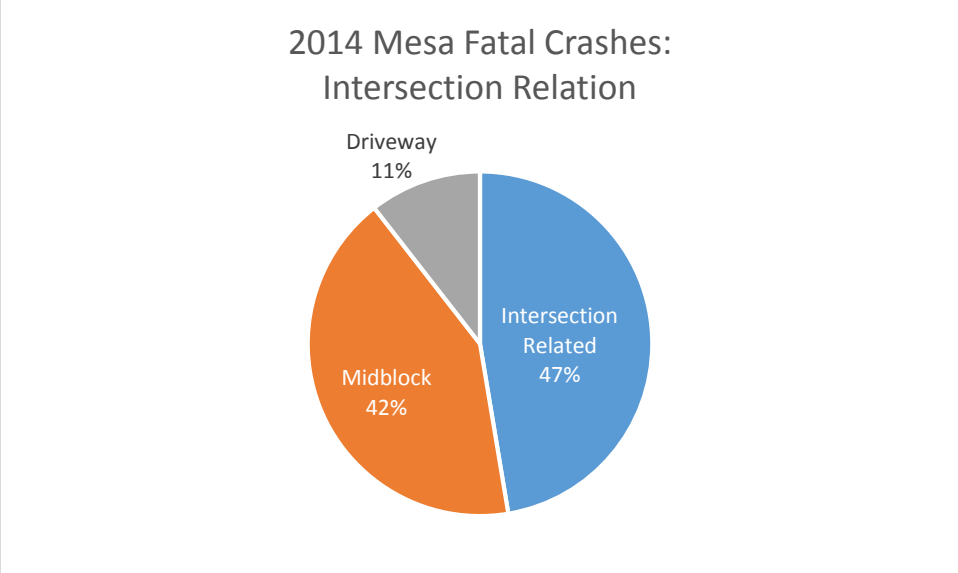


Based on a 10-year average (2005 – 2014), total fatalities are trending downward which is consistent with the national average over a 10-year period, as shown below.

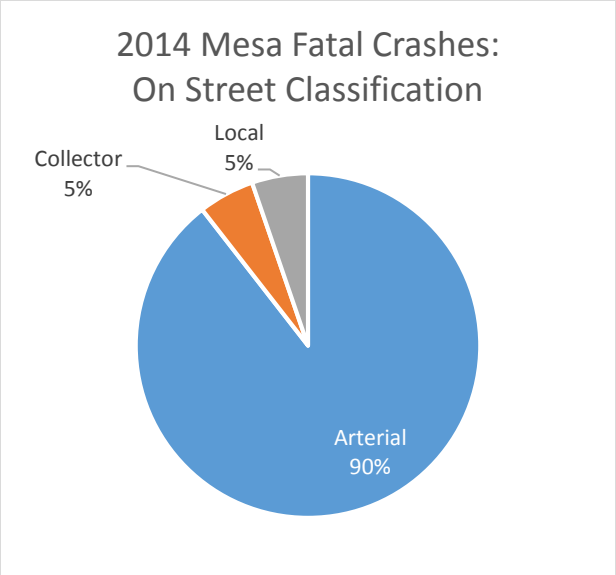


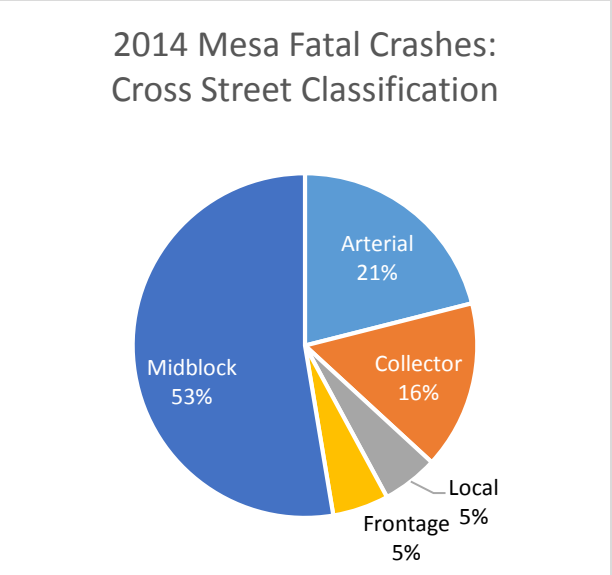


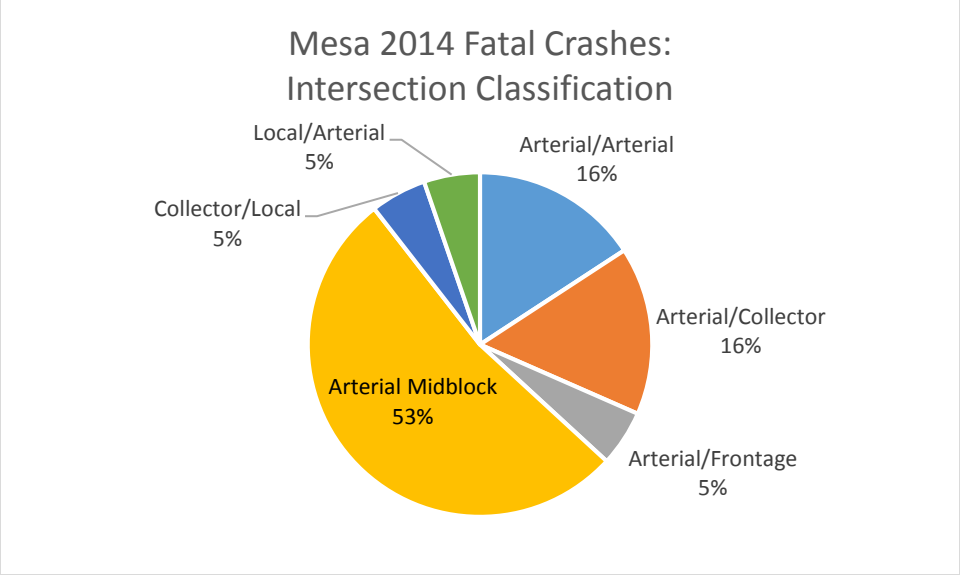
Fatalities per 100,000 population for Mesa have consistently been below the national average.



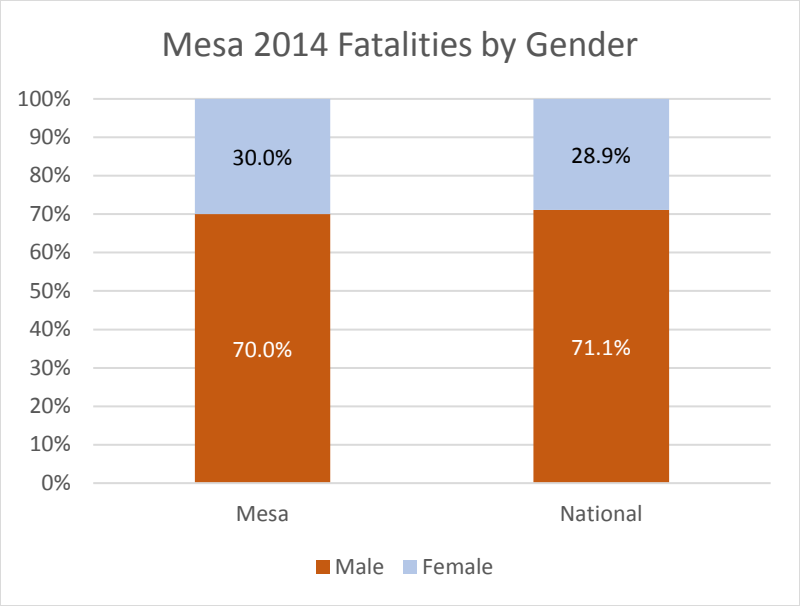
Of the 19 fatal crashes, nine (47.4%) were intersection related, eight (42.1%) occurred midblock, and 2 (10.5%) occurred at a driveway.







Of the 19 fatal crashes in Mesa 2014, 17 (81%) occurred on an arterial roadway, and one crossed an arterial.

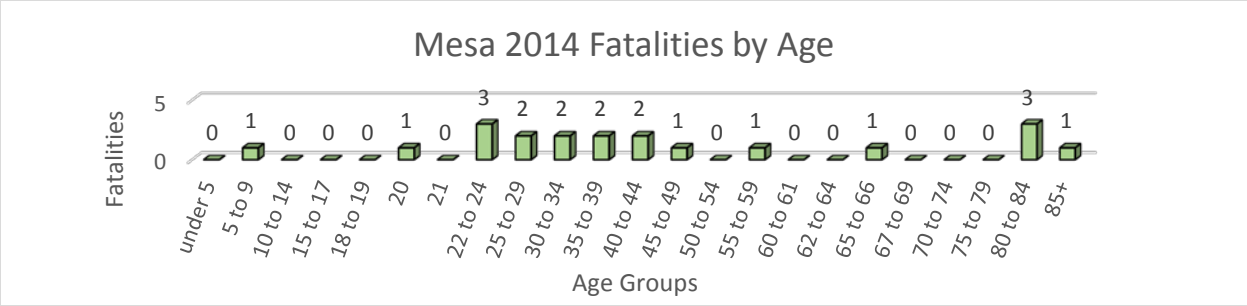


Fatalities by gender are similar in Mesa compared to the national average. Additionally, the gender of vehicle 1 in Mesa was predominantly male with 70.0%.

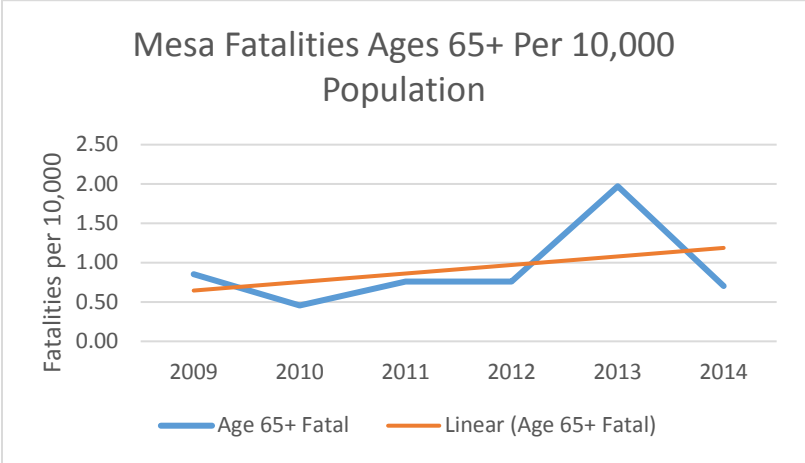
Mesa 2014 Fatalities by Age Group and Gender

AGE	MALE POPULATION	PERCENT MALE*	FEMALE POPULATION	PERCENT FEMALE*	TOTAL POPULATION	PERCENT OF TOTAL POPULATION	NO. OF FATALITIES	PERCENT OF TOTAL FATALITIES	FATALITIES/ 10,000 PERSONS
under 5	16462	7.2%	15581	6.6%	32042	6.9%	0	0.0%	0.00
5 to 9	15547	6.8%	16525	7.0%	32072	6.9%	1	5.0%	0.31
10 to 14	15547	6.8%	15345	6.5%	30892	6.6%	0	0.0%	0.00
15 to 17	10289	4.5%	8971	3.8%	19259	4.1%	0	0.0%	0.00
18 to 19	5259	2.3%	6138	2.6%	11396	2.5%	0	0.0%	0.00
20	3887	1.7%	3541	1.5%	7428	1.6%	1	5.0%	1.35
21	3658	1.6%	3541	1.5%	7199	1.5%	0	0.0%	0.00
22 to 24	9831	4.3%	10623	4.5%	20454	4.4%	3	15.0%	1.47
25 to 29	17833	7.8%	15817	6.7%	33650	7.2%	2	10.0%	0.59
30 to 34	16462	7.2%	16053	6.8%	32514	7.0%	2	10.0%	0.62
35 to 39	14404	6.3%	12748	5.4%	27152	5.8%	2	10.0%	0.74
40 to 44	13718	6.0%	14400	6.1%	28118	6.1%	2	10.0%	0.71
45 to 49	14633	6.4%	13928	5.9%	28561	6.1%	1	5.0%	0.35
50 to 54	15547	6.8%	15345	6.5%	30892	6.6%	0	0.0%	0.00
55 to 59	11889	5.2%	13456	5.7%	25345	5.5%	1	5.0%	0.39
60 to 61	5030	2.2%	5666	2.4%	10696	2.3%	0	0.0%	0.00
62 to 64	7316	3.2%	8499	3.6%	15815	3.4%	0	0.0%	0.00
65 to 66	4115	1.8%	4249	1.8%	8365	1.8%	1	5.0%	1.20
67 to 69	5487	2.4%	6610	2.8%	12097	2.6%	0	0.0%	0.00
70 to 74	8002	3.5%	8735	3.7%	16737	3.6%	0	0.0%	0.00
75 to 79	5944	2.6%	7318	3.1%	13263	2.9%	0	0.0%	0.00
80 to 84	4801	2.1%	6138	2.6%	10939	2.4%	3	15.0%	2.74
85+	3201	1.4%	6610	2.8%	9811	2.1%	1	5.0%	1.02
Total	228634	49.2%	236070	50.8%	464704		20		

*Information from http://geo.azmag.gov/maps/demographic/

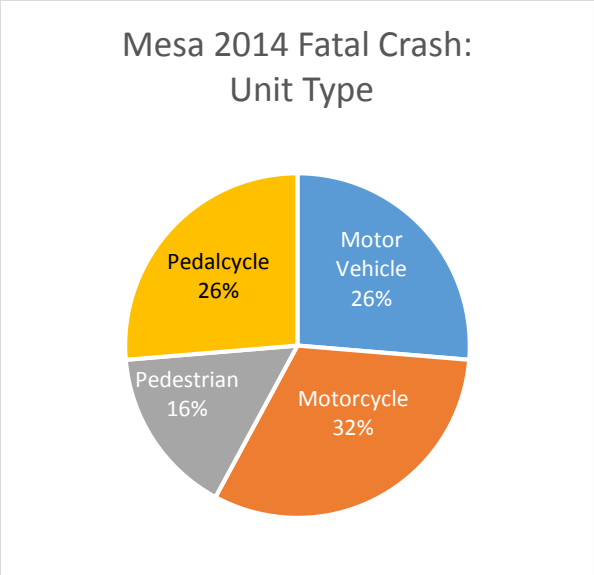


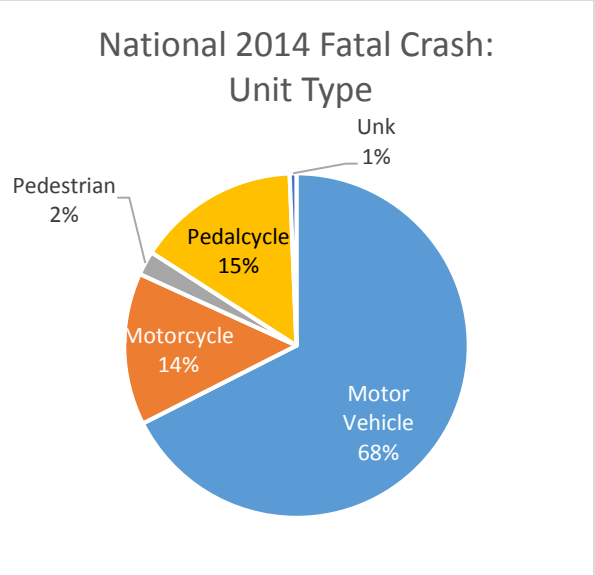
The greatest concentration of fatalities happened among people between the age of 22 and 44.

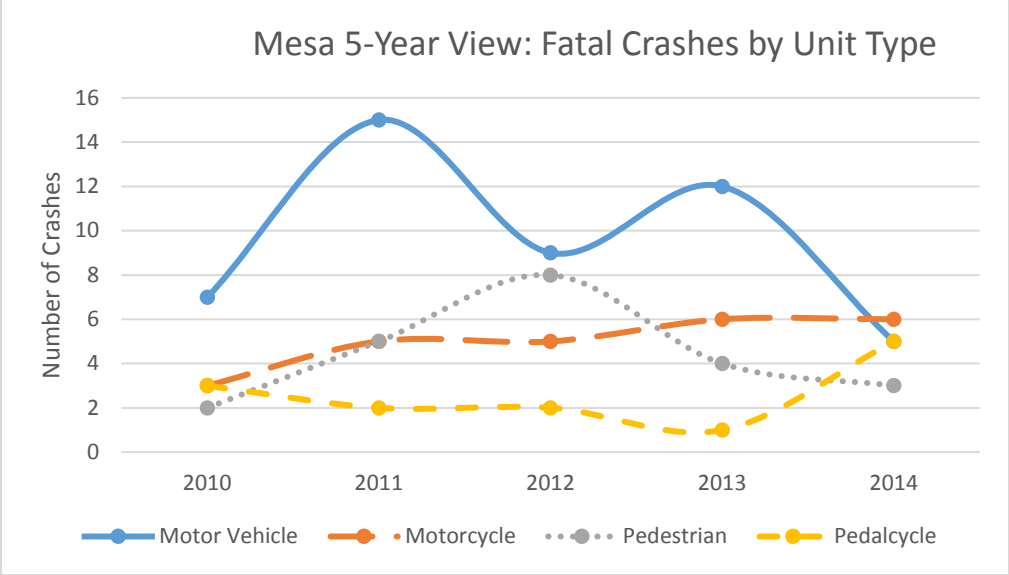


2013 saw a high amount of senior fatalities with nearly 2 deaths per 10,000 population. 2014 numbers were lower, with 0.70 fatalities per 10,000 people aged 65 and over.

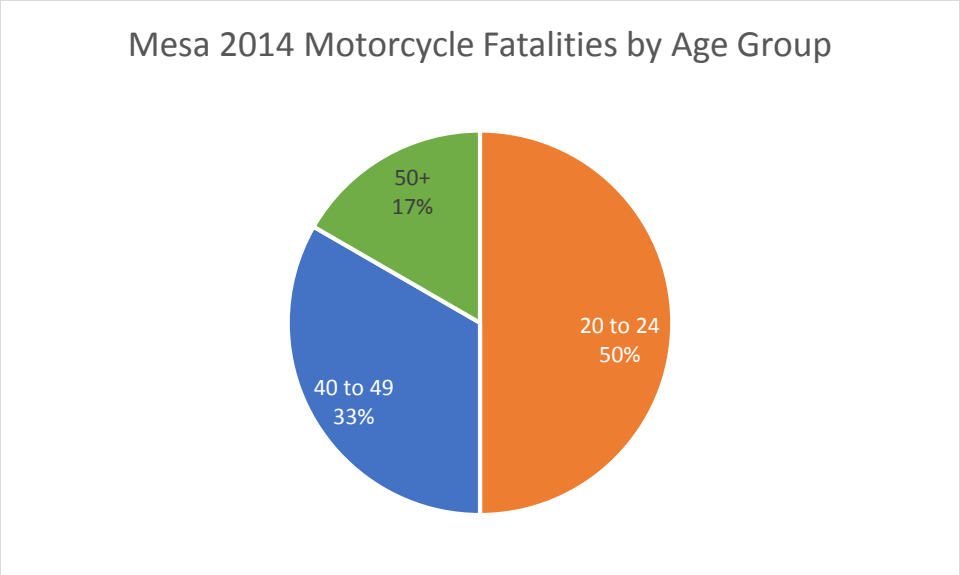
National Fatal Crashes by Year and Unit Type					
National Statistics*	2010	2011	2012	2013	2014
MV	23371	22510	23017	22383	21706
Motorcycle	4518	4630	4986	4692	4594
Pedalcycle	623	682	734	743	729
Pedestrian	4302	4457	4818	4735	4910
Unk	185	200	227	190	204
Total	32999	32479	33782	32743	32143
MV includes passenger cars, light trucks, and large trucks					
*Information from https://crashstats.nhtsa.dot.gov					



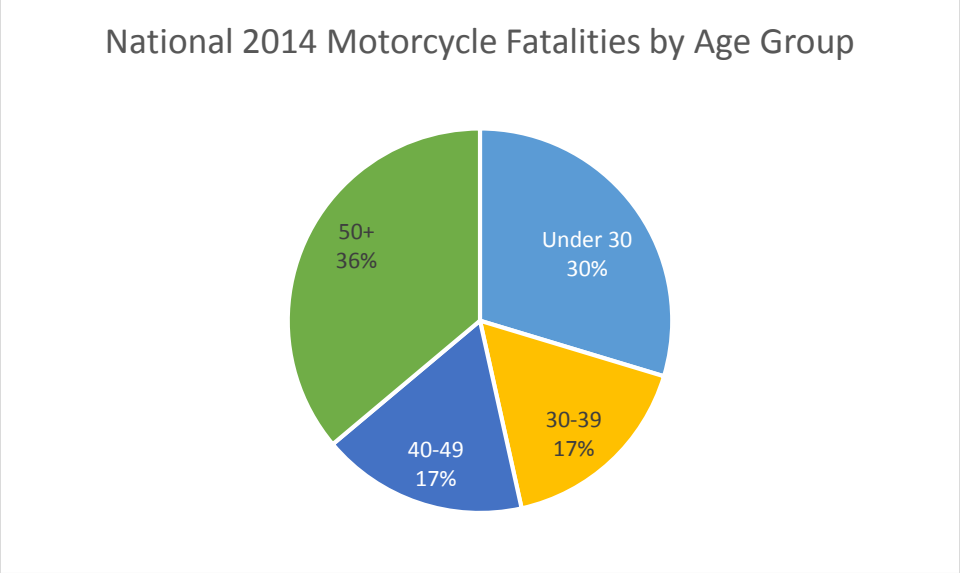




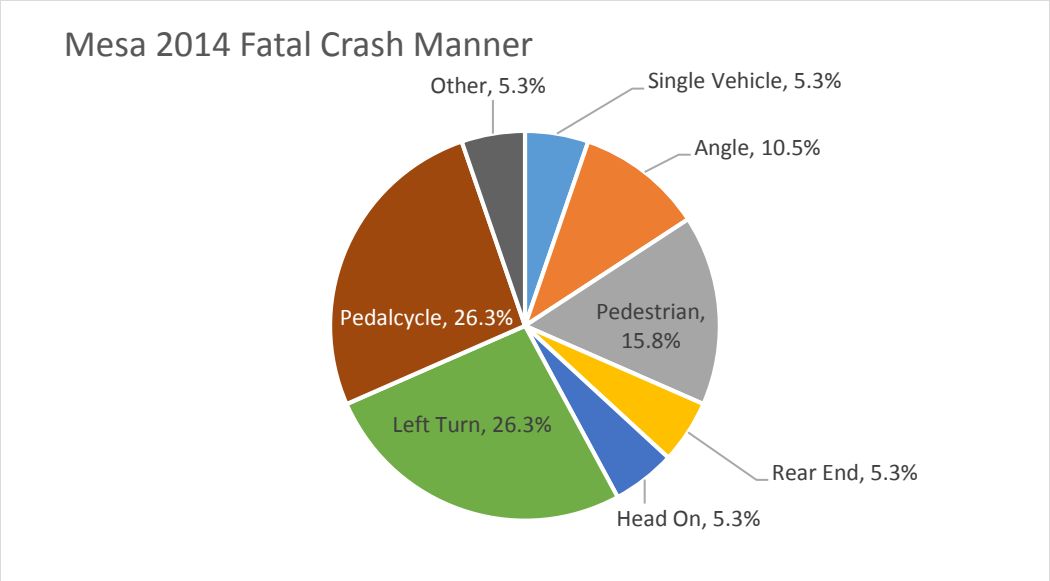
In 2014, Mesa had five motor vehicle fatalities, six motorcycle fatalities, three pedestrian fatalities, and five bicycle fatalities. Their distribution differs from national numbers.



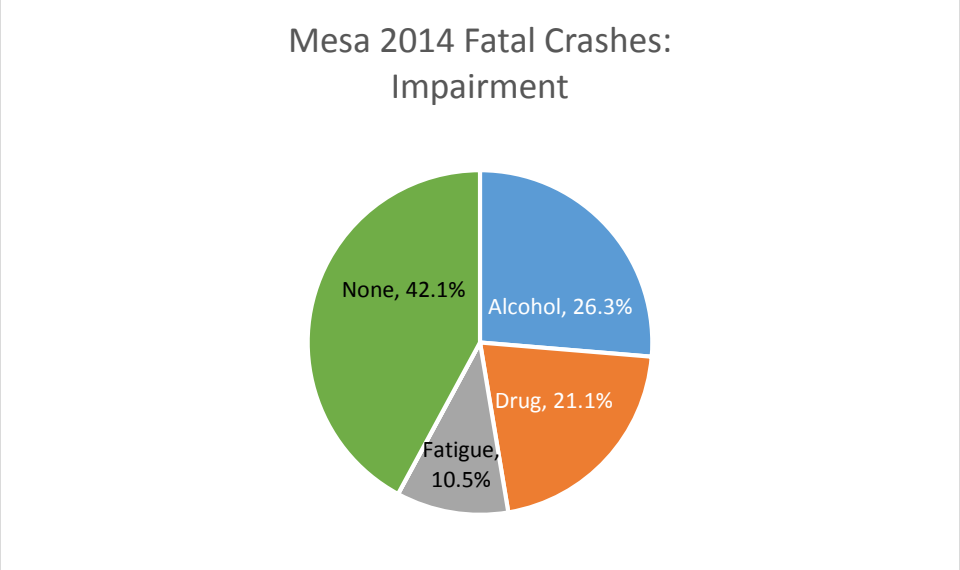
Of the six motorcycle-related fatal crashes, three were among people in their early 20s, two among people aged 40-49, and one among people over 50.



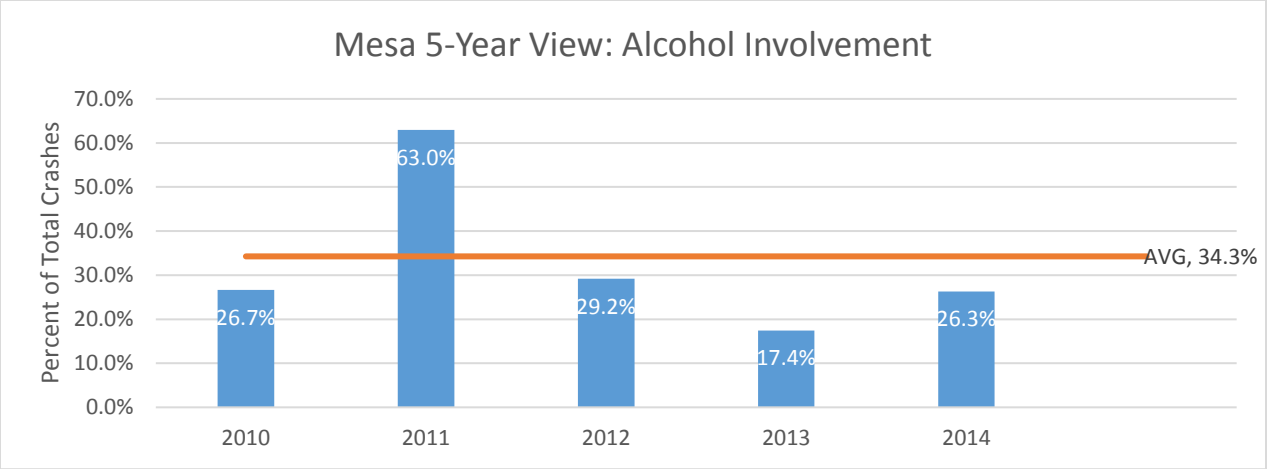
Nationally, 30% of motorcycle crashes happened among people under 30, 34% among people ages 30-49, and 36% among people over 50.



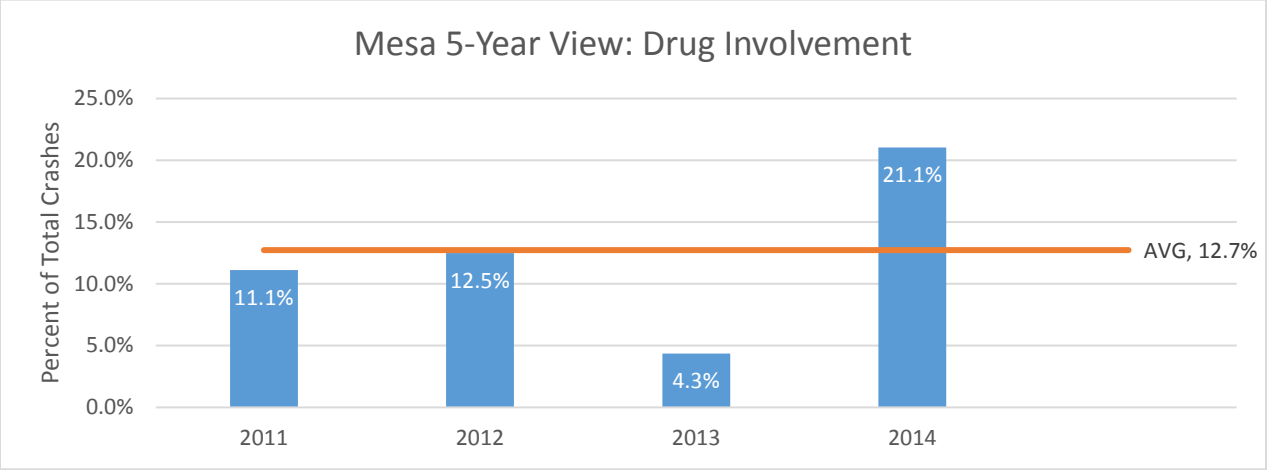
In 2014, left turn crashes, bike crashes, and pedestrian crashes accounted for 68.4% of all Fatal crashes in Mesa



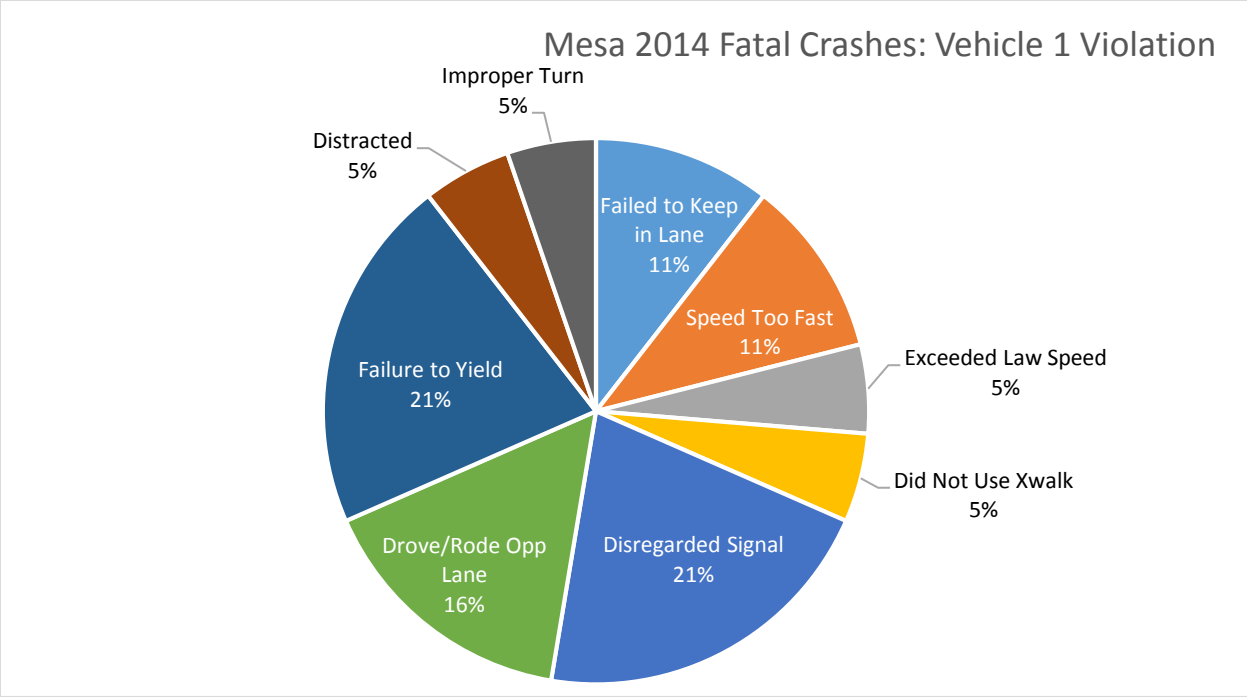
Over half (11) of the fatal crashes in Mesa 2014 involved impairment. Alcohol was involved in five of the 19 crashes, drugs were involved in another four crashes, and fatigue was a factor in two.



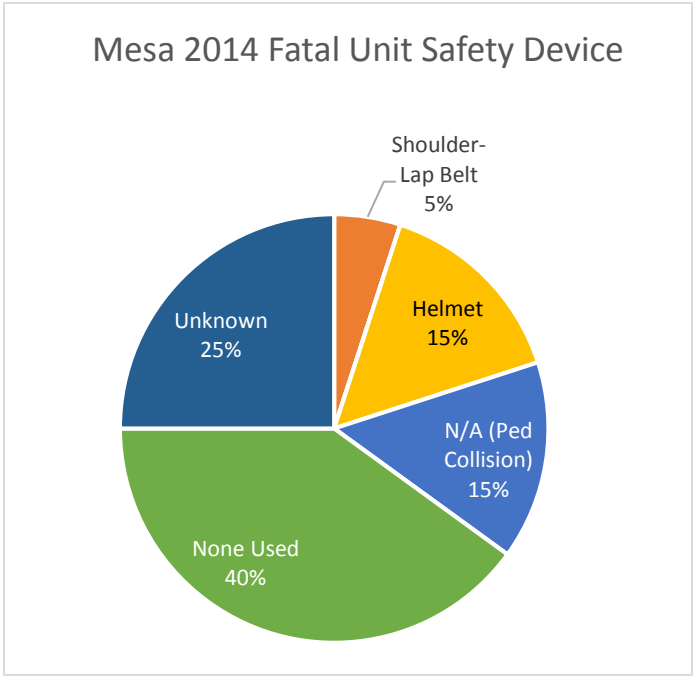
The above chart shows a 5-year trend in alcohol impairment linked to fatal crashes. Over the past five years, approximately 34% of fatal collisions involved a person under the influence of alcohol.



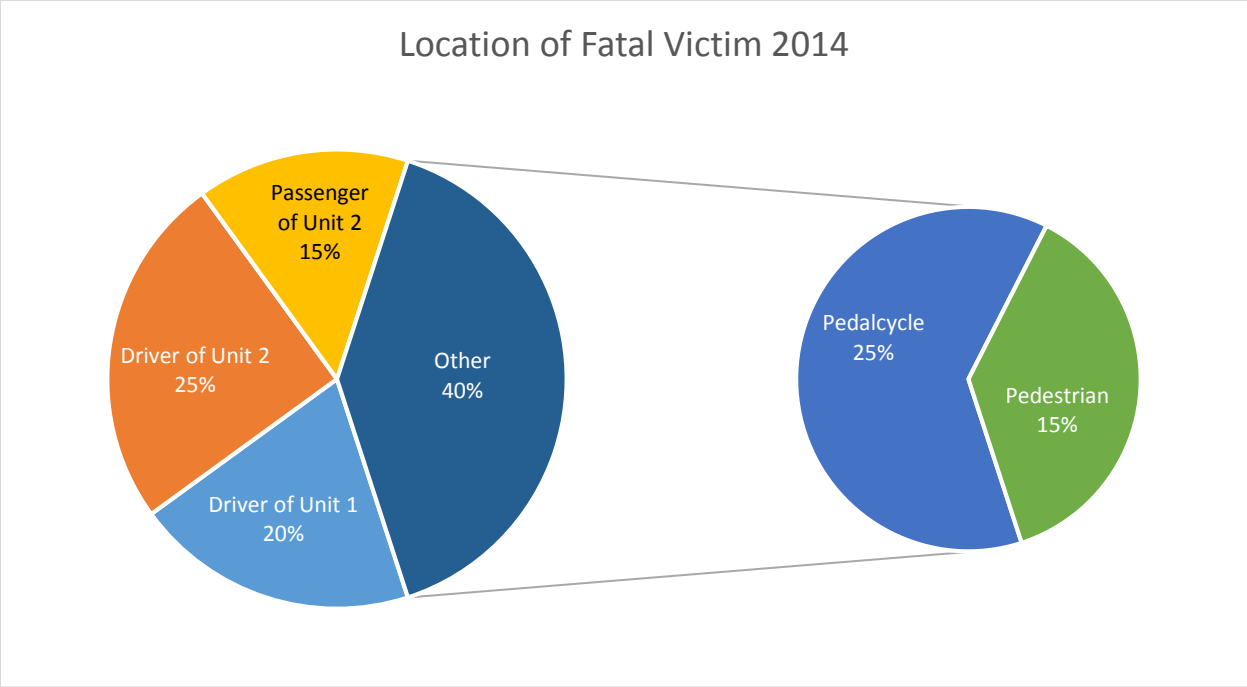
The above chart shows a 4-year trend in drug impairment linked to fatal crashes. Over the past four years, approximately 13% of fatal collisions involved a person under the influence of drugs.



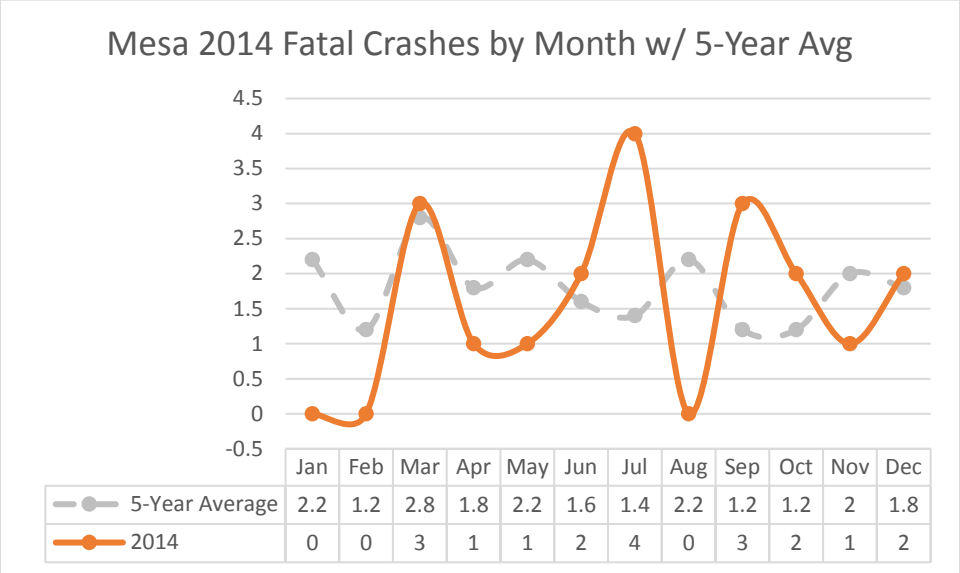
The above chart details the violations made by vehicle 1 leading to a fatal crash within Mesa in 2014.



The chart above shows the known and unknown victim safety devices involved in the 20 Mesa fatalities in 2014. Eight (40%) of them involved victims that were not using a safety device, and five were unknown

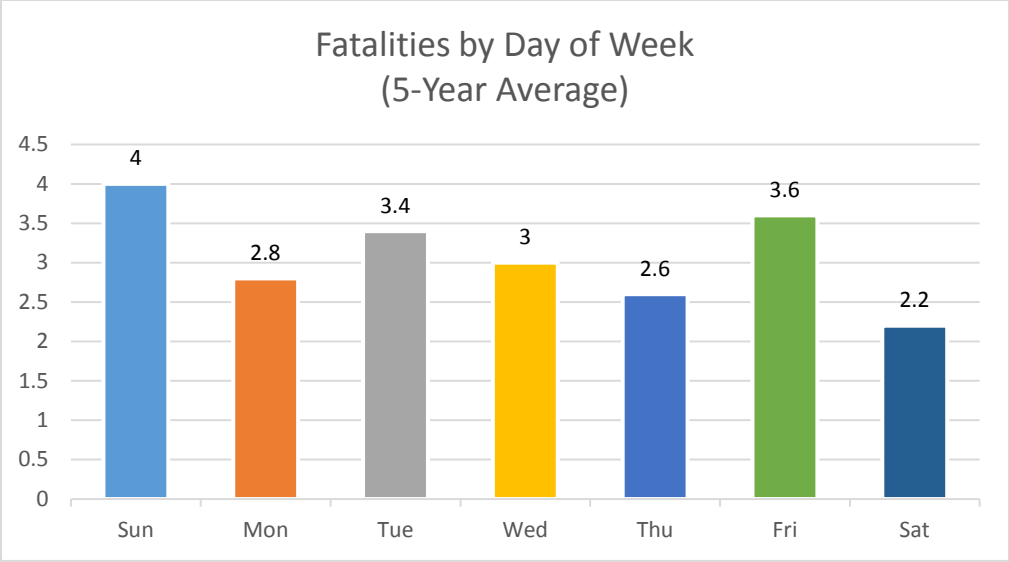


There were 20 fatalities in 2014. Of those 20 fatalities, eight involved a non-motorist (five pedestrian collisions and 3 pedalcycle collisions).

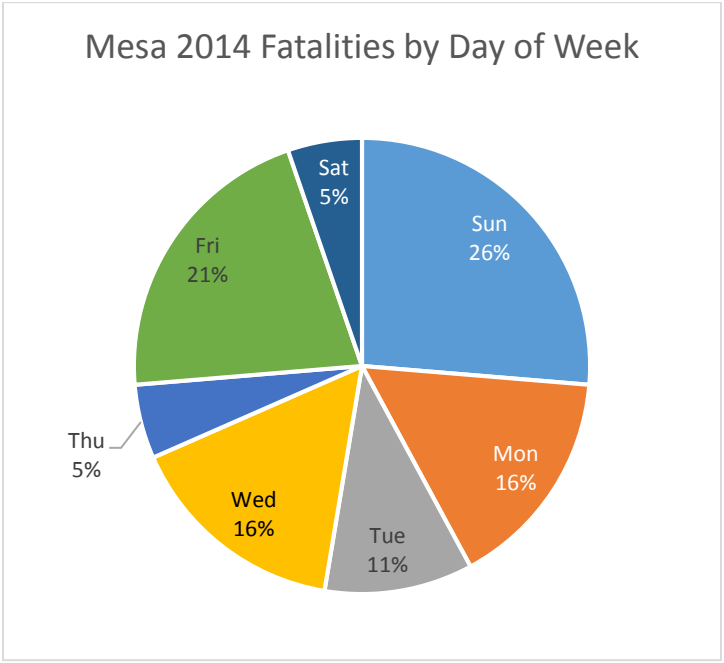


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
5-Year Average	2.2	1.2	2.8	1.8	2.2	1.6	1.4	2.2	1.2	1.2	2	1.8
2014	0	0	3	1	1	2	4	0	3	2	1	2

Over the past five years (2010 - 2014), fatal collisions by month followed a wave-like pattern with a small rise in March. Comparatively, fatal crashes in 2014 fluctuated greatly, with rises in March, July, and September.



Over a five-year average, Sunday and Friday had the highest number of fatal crashes.



In 2014, the highest concentration of fatalities happened during the 3-day period of Sunday, Monday, and Tuesday.

Mesa 2014 Fatalities by Time of Day									
		Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total
12:00:00 AM	1:00:00 AM	0	0	0	0	0	0	0	0
1:00:00 AM	2:00:00 AM	1	0	0	0	0	0	0	1
2:00:00 AM	3:00:00 AM	0	0	0	0	0	0	0	0
3:00:00 AM	4:00:00 AM	0	0	0	0	0	0	0	0
4:00:00 AM	5:00:00 AM	0	0	0	0	0	0	0	0
5:00:00 AM	6:00:00 AM	1	1	0	0	0	0	0	2
6:00:00 AM	7:00:00 AM	0	0	0	0	0	0	0	0
7:00:00 AM	8:00:00 AM	0	0	0	0	0	1	0	1
8:00:00 AM	9:00:00 AM	0	0	0	0	0	0	0	0
9:00:00 AM	10:00:00 AM	0	0	0	0	0	1	0	1
10:00:00 AM	11:00:00 AM	0	0	0	0	0	0	0	0
11:00:00 AM	12:00:00 PM	0	0	0	0	0	1	0	1
12:00:00 PM	1:00:00 PM	0	0	1	0	0	0	0	1
1:00:00 PM	2:00:00 PM	0	0	1	0	0	1	0	2
2:00:00 PM	3:00:00 PM	1	0	0	1	0	0	0	2
3:00:00 PM	4:00:00 PM	0	0	0	0	0	0	0	0
4:00:00 PM	5:00:00 PM	1	0	0	0	0	0	0	1
5:00:00 PM	6:00:00 PM	1	0	0	0	0	0	0	1
6:00:00 PM	7:00:00 PM	0	0	0	1	0	0	0	1
7:00:00 PM	8:00:00 PM	0	1	0	0	0	0	0	1
8:00:00 PM	9:00:00 PM	0	0	0	0	1	0	1	2
9:00:00 PM	10:00:00 PM	0	0	0	0	0	0	0	0
10:00:00 PM	11:00:00 PM	0	0	0	1	0	0	0	1
11:00:00 PM	12:00:00 AM	0	1	0	0	0	0	0	1
	Total	5	3	2	3	1	4	1	19

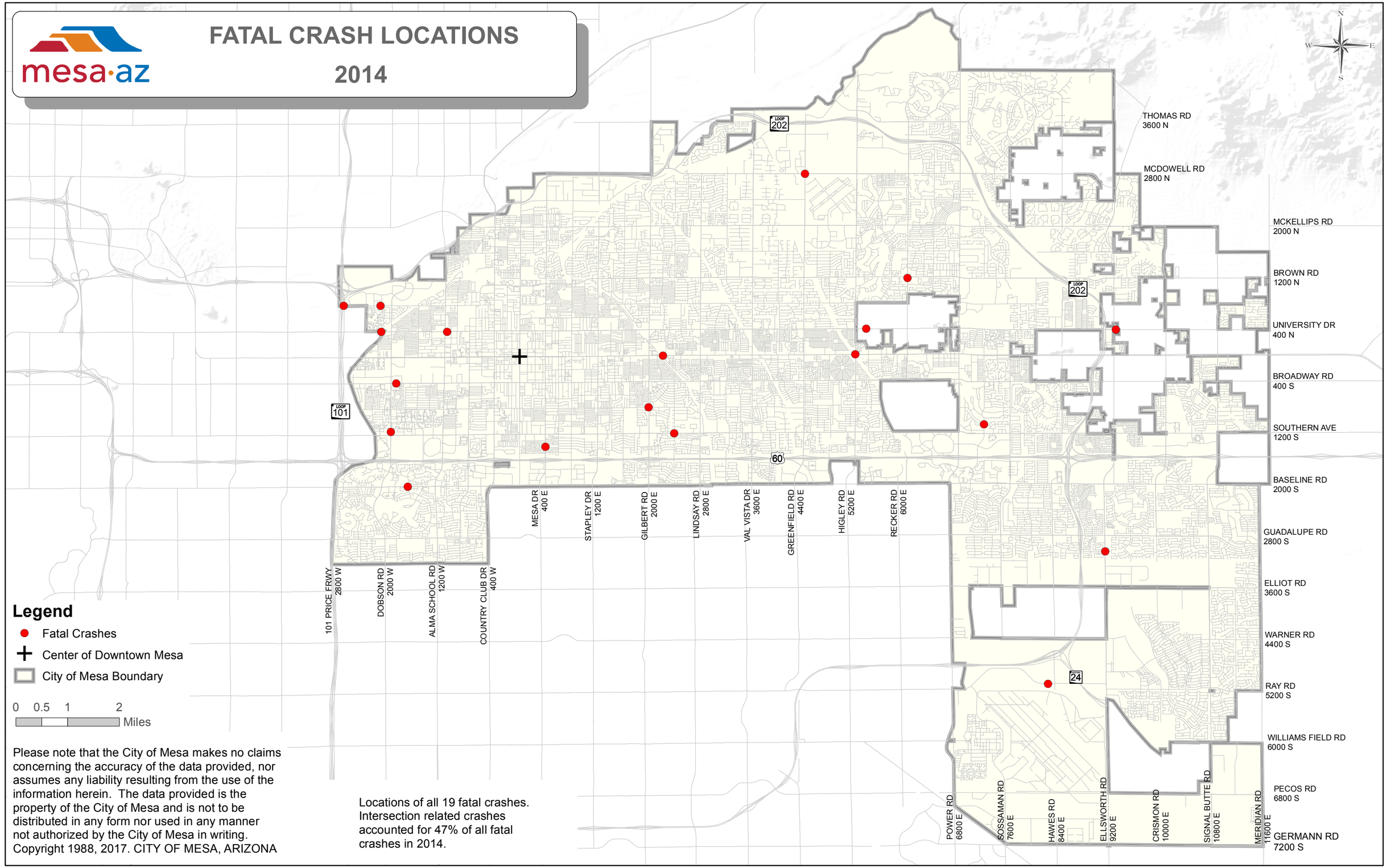
In 2014, the highest concentration of crashes within a three-hour period occurred from 12:00PM to 3:00PM.

Mesa 5-Year Trend: Fatalities by Time of Day										
		2010	2011	2012	2013	2014	5-Year Total	5-Year Percent	6- HR TOTAL	
12:00:00 AM	1:00:00 AM	1	1	1	0	0	3	2.8%	7pm-1am	37
1:00:00 AM	2:00:00 AM	1	0	0	1	1	3	2.8%	8pm-2am	31
2:00:00 AM	3:00:00 AM	1	1	0	0	0	2	1.9%	9pm-3am	23
3:00:00 AM	4:00:00 AM	0	2	0	0	0	2	1.9%	10pm-4am	23
4:00:00 AM	5:00:00 AM	0	1	0	0	0	1	0.9%	11pm-5am	15
5:00:00 AM	6:00:00 AM	0	1	0	0	2	3	2.8%	12am-6am	14
6:00:00 AM	7:00:00 AM	0	0	1	0	0	1	0.9%	1am-7am	12
7:00:00 AM	8:00:00 AM	0	1	0	1	1	3	2.8%	2am-8am	12
8:00:00 AM	9:00:00 AM	0	0	0	0	0	0	0.0%	3am-9am	10
9:00:00 AM	10:00:00 AM	0	1	2	2	1	6	5.6%	4am-10am	14
10:00:00 AM	11:00:00 AM	0	3	1	0	0	4	3.7%	5am-11am	17
11:00:00 AM	12:00:00 PM	0	0	2	5	1	8	7.4%	6am-12pm	22
12:00:00 PM	1:00:00 PM	0	0	0	0	1	1	0.9%	7am-1pm	22
1:00:00 PM	2:00:00 PM	2	1	0	2	2	7	6.5%	8am-2pm	26
2:00:00 PM	3:00:00 PM	1	5	2	0	2	10	9.3%	9am-3pm	36
3:00:00 PM	4:00:00 PM	1	1	3	0	0	5	4.6%	10am-4pm	35
4:00:00 PM	5:00:00 PM	2	1	2	0	1	6	5.6%	11am-5pm	37
5:00:00 PM	6:00:00 PM	0	1	0	1	1	3	2.8%	12pm-6pm	32
6:00:00 PM	7:00:00 PM	1	1	0	3	1	6	5.6%	1pm-7pm	37
7:00:00 PM	8:00:00 PM	3	0	4	1	1	9	8.3%	2pm-8pm	39
8:00:00 PM	9:00:00 PM	1	2	1	4	2	10	9.3%	3pm-9pm	39
9:00:00 PM	10:00:00 PM	0	0	1	1	0	2	1.9%	4pm-10pm	36
10:00:00 PM	11:00:00 PM	0	4	2	2	1	9	8.3%	5pm-11pm	39
11:00:00 PM	12:00:00 AM	1	0	2	0	1	4	3.7%	6pm-12am	40
	Total	15	27	24	23	19	108			

Over a 5-Year trend, the peak times when Mesa fatalities occurred most frequently are concentrated over the period of 6:00PM to 12:00AM.

FATAL CRASH LOCATIONS

2014



Legend

- Fatal Crashes
- Center of Downtown Mesa
- City of Mesa Boundary

0 0.5 1 2 Miles

Please note that the City of Mesa makes no claims concerning the accuracy of the data provided, nor assumes any liability resulting from the use of the information herein. The data provided is the property of the City of Mesa and is not to be distributed in any form nor used in any manner not authorized by the City of Mesa in writing.

Locations of all 19 fatal crashes. Intersection related crashes accounted for 47% of all fatal crashes in 2014.

SECTION 2:

SERIOUS INJURIES

As of 2014, serious injury crashes are now being measured by the City of Mesa to help determine problematic areas on roadways. This metric is likely give a clearer view of the behaviors and factors that lead to collisions resulting in serious injuries by significantly increasing the sample size of analyzed crashes.

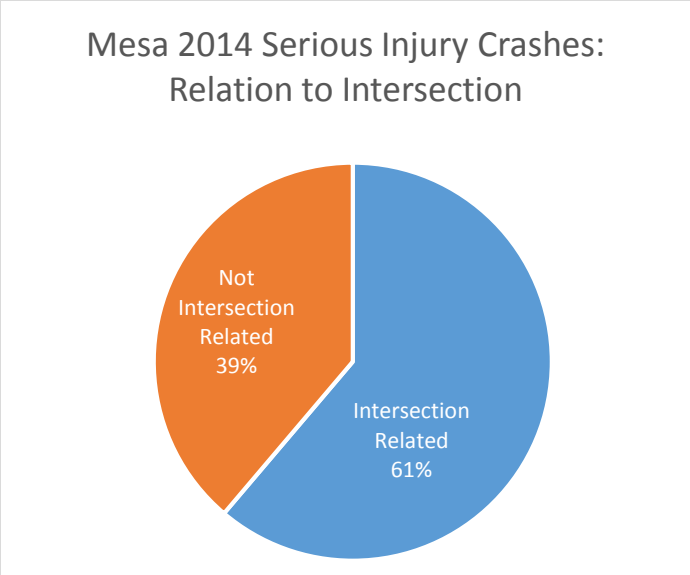
Mesa Serious Injury Crashes: General View

YEAR	SERIOUS INJURY CRASHES BY YEAR	TOTAL SERIOUS INJURIES BY YEAR*	MESA TOTAL CRASHES BY YEAR	MESA ESTIMATED POPULATION BY YEAR	PERCENT OF SERIOUS INJURIES PER TOTAL CRASHES	TOTAL SERIOUS INJURIES PER 100,000 POPULATION	SERIOIUS INJURIES PER 100,000: PERCENT CHANGE FROM 5-YEAR AVERAGE
2001			9928	416301			
2002			9155	427923			
2003			8520	435391			
2004			9184	443733			
2005			9205	450948			
2006			8522	456449			
2007			7933	460493			
2008			5908	463829			
2009			5504	467157			
2010	-	228	5118	440031	4.5%	51.8	-0.2%
2011	-	236	5178	444685	4.6%	53.1	2.2%
2012	-	233	5134	451677	4.5%	51.6	-0.7%
2013	-	239	5313	457587	4.5%	52.2	0.6%
2014	183	237	5025	464704	4.7%	51.0	-1.8%
2015	181	249	4979	471825		53	
2016		317	5533	475274		67	
2014 5-YR AVG	-	235	5154	451737	4.6%	51.9	

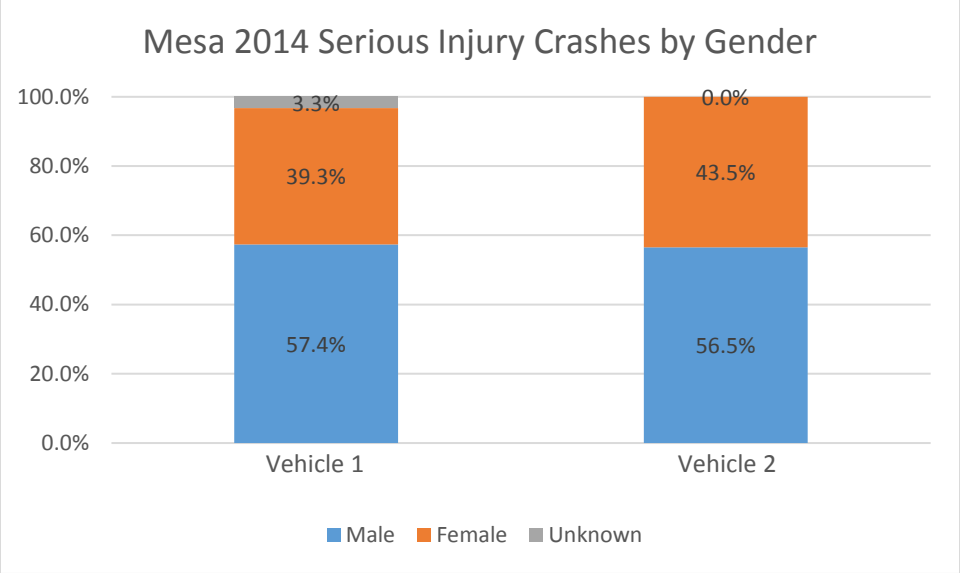
Information provided by City of Mesa website. (Their source is ESRI Community Analysis)
Information from http://population.us/az/mesa/
Information from https://www.census.gov/quickfacts/
*Totals Pulled From Performance Measures

In 2014, 183 serious injury crashes occurred on Mesa roadways resulting in 237 serious injuries. Values for the 5-year average were derived from the City of Mesa Performance Metrics. The percentage of severe injury crashes per total vehicle crashes has increased from the previous year.

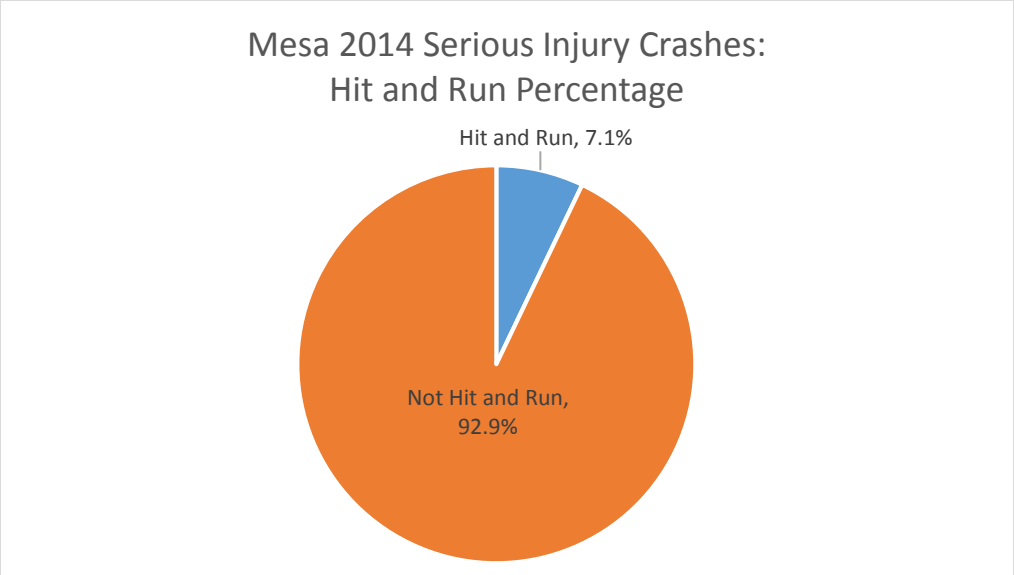
The 5-year average per 100,000 population is around 52, and 2014 was slightly below that average with about 51 serious injury crashes per 100,000 population.



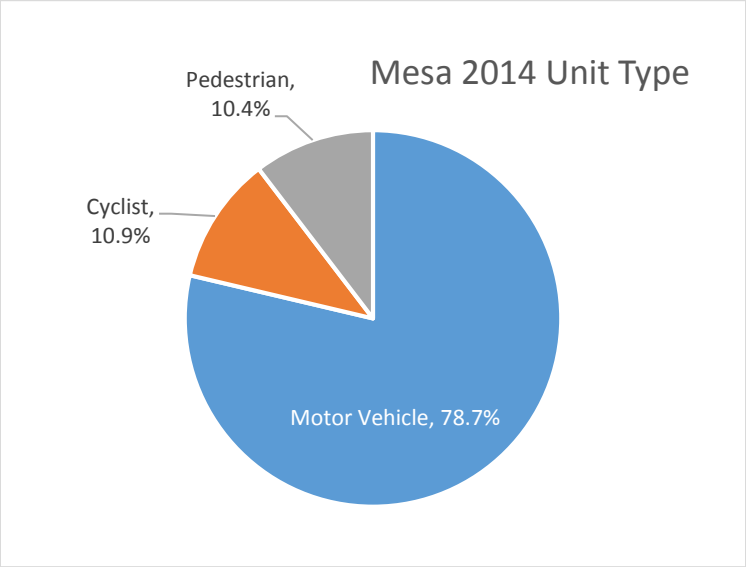
Of the 183 serious injury crashes that happened within Mesa in 2014, 112 were intersection related. The other crashes happened in other locations such as driveways or midblock.



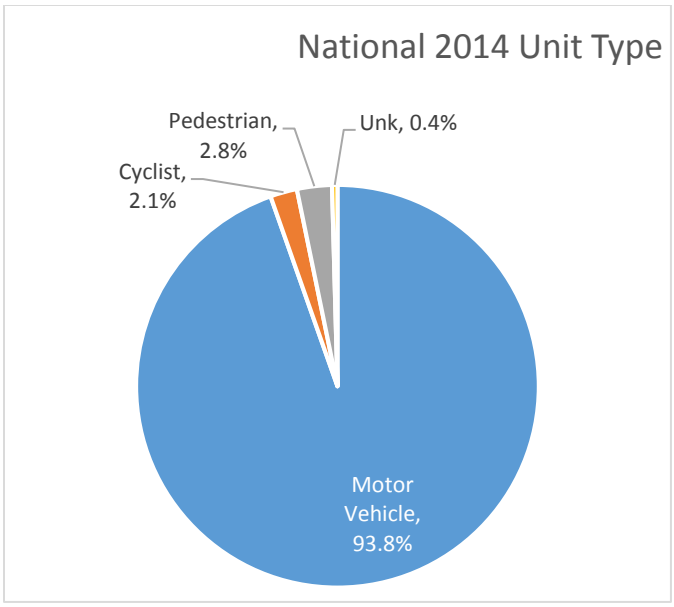
Of the 183 serious injury crashes that occurred within Mesa in 2014, the gender of vehicle 1 was predominantly male at 105. Of the 154 serious injury crashes that involved two or more units, the gender of vehicle 2 was mostly male at 87.



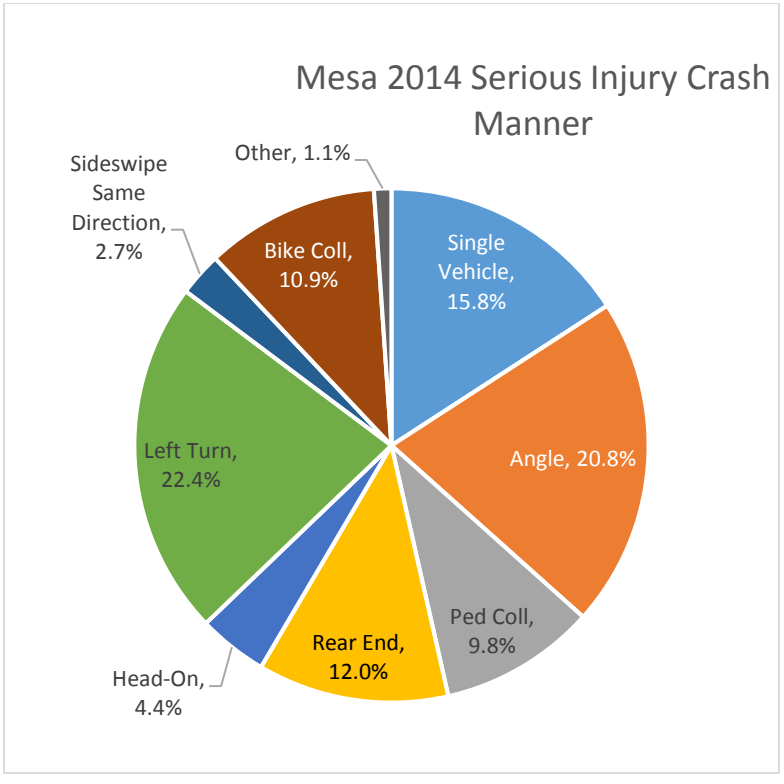
There were 13 serious injury crashes that were classified as hit and run in 2014.



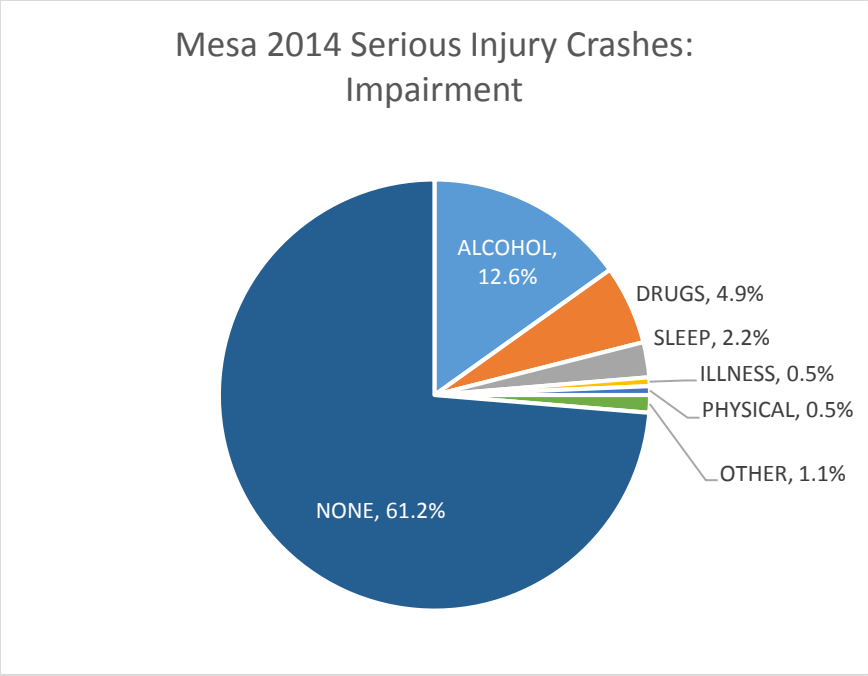
Most of the serious injury crashes that occurred in Mesa in 2014 were motor vehicle collisions. This number includes motorcyclists and single vehicle crashes.



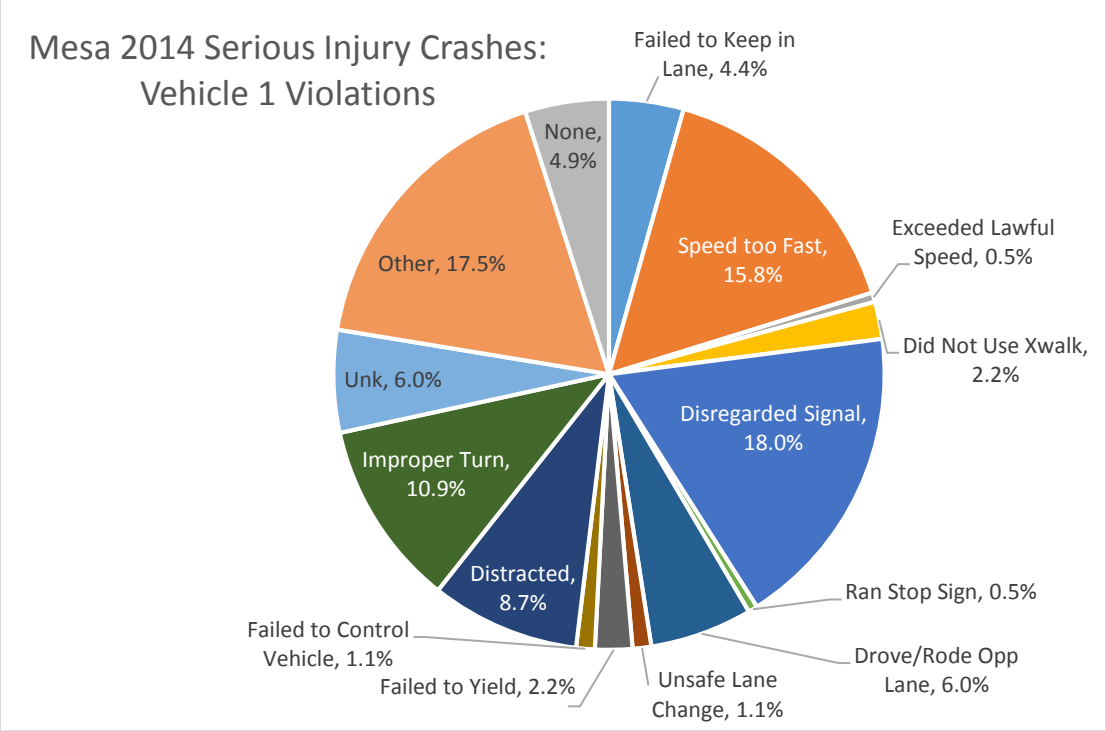
Nationally, 2014 crashes were mostly motor vehicle collisions. This number includes motorcycle and single vehicle crashes.



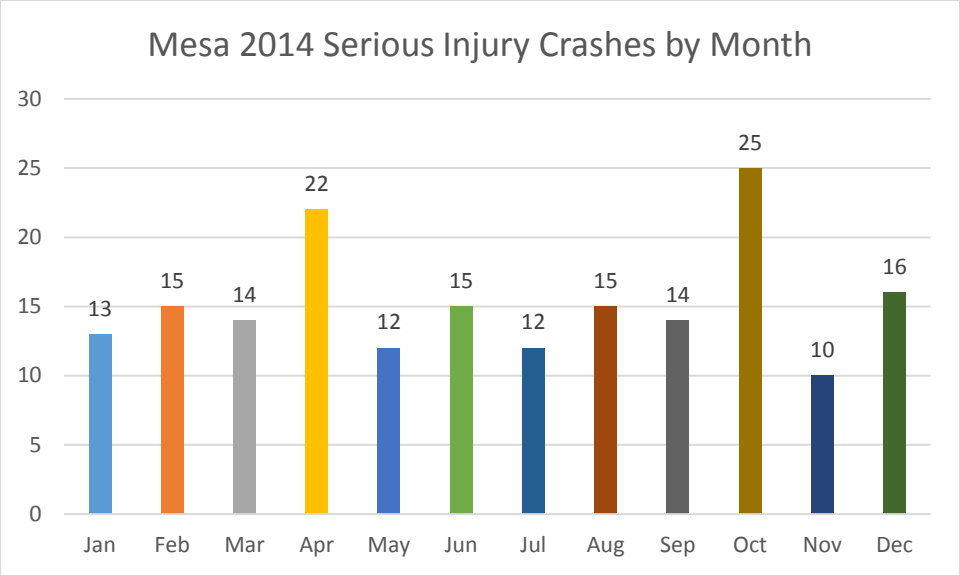
In 2014 the leading crash manners resulting in serious injuries were Left Turn and Angle crashes. Bike and pedestrian collisions account for another 20.7% of serious injuries.



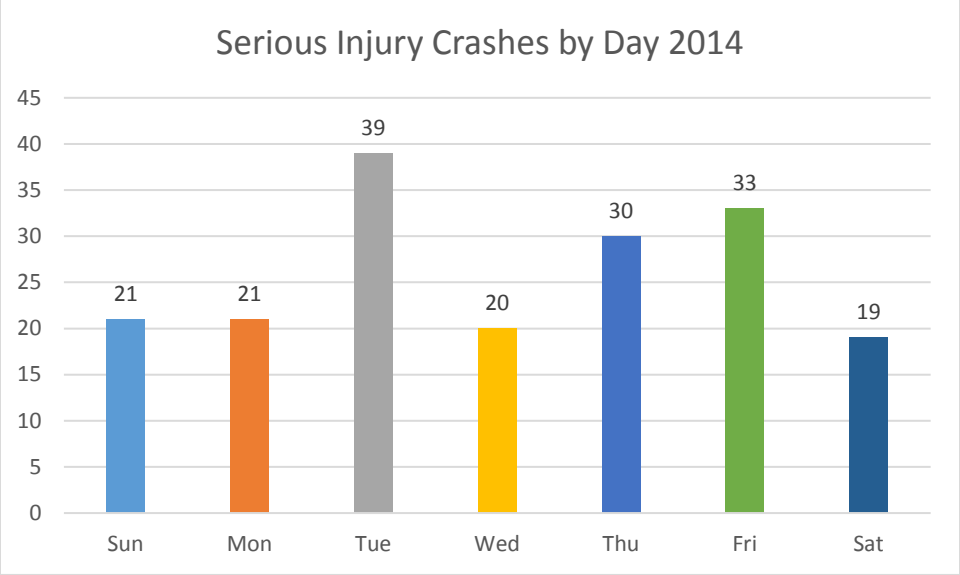
Impairment was a factor in 21.9% of serious injury crashes in 2014.



This chart shows a distribution of Mesa vehicle 1 violations in 2014 that resulted in crashes with serious injuries.



Within Mesa in 2014, there were rises in serious injury crashes in April and October.



The highest 3-day period for serious injury crashes was Tuesday, Wednesday, and Thursday, which is consistent to high-volume periods.

Mesa 2014 Serious Injury Crashes by Time and Day of Week w/ 6-Hour Totals												
		1	2	3	4	5	6	7	2014 Total	Percent	6- HR TOTAL	
12:00:00 AM	1:00:00 AM	2	0	0	0	0	0	1	3	1.6%	7pm-1am	35
1:00:00 AM	2:00:00 AM	2	0	0	0	0	0	1	3	1.6%	8pm-2am	31
2:00:00 AM	3:00:00 AM	0	0	0	0	0	0	0	0	0.0%	9pm-3am	24
3:00:00 AM	4:00:00 AM	0	0	1	0	0	0	0	1	0.5%	10pm-4am	20
4:00:00 AM	5:00:00 AM	0	0	1	0	0	0	0	1	0.5%	11pm-5am	13
5:00:00 AM	6:00:00 AM	0	0	0	0	0	1	2	3	1.6%	12am-6am	11
6:00:00 AM	7:00:00 AM	0	0	2	0	1	0	3	6	3.3%	1am-7am	14
7:00:00 AM	8:00:00 AM	0	1	3	2	2	3	0	11	6.0%	2am-8am	22
8:00:00 AM	9:00:00 AM	0	1	1	1	1	0	1	5	2.7%	3am-9am	27
9:00:00 AM	10:00:00 AM	0	2	3	1	2	0	0	8	4.4%	4am-10am	34
10:00:00 AM	11:00:00 AM	0	0	1	0	2	2	0	5	2.7%	5am-11am	38
11:00:00 AM	12:00:00 PM	3	2	5	4	2	2	1	19	10.4%	6am-12pm	54
12:00:00 PM	1:00:00 PM	0	0	7	1	5	3	1	17	9.3%	7am-1pm	65
1:00:00 PM	2:00:00 PM	2	1	0	1	3	2	0	9	4.9%	8am-2pm	63
2:00:00 PM	3:00:00 PM	1	2	2	2	3	5	0	15	8.2%	9am-3pm	73
3:00:00 PM	4:00:00 PM	2	4	4	3	0	2	2	17	9.3%	10am-4pm	82
4:00:00 PM	5:00:00 PM	1	1	3	2	0	1	0	8	4.4%	11am-5pm	85
5:00:00 PM	6:00:00 PM	1	3	3	0	3	1	1	12	6.6%	12pm-6pm	78
6:00:00 PM	7:00:00 PM	1	1	1	0	1	3	1	8	4.4%	1pm-7pm	69
7:00:00 PM	8:00:00 PM	2	2	0	0	1	1	1	7	3.8%	2pm-8pm	67
8:00:00 PM	9:00:00 PM	2	1	0	3	0	1	0	7	3.8%	3pm-9pm	59
9:00:00 PM	10:00:00 PM	1	0	0	0	2	2	0	5	2.7%	4pm-10pm	47
10:00:00 PM	11:00:00 PM	1	0	2	0	1	2	2	8	4.4%	5pm-11pm	47
11:00:00 PM	12:00:00 AM	0	0	0	0	1	2	2	5	2.7%	6pm-12am	40
	Total	21	21	39	20	30	33	19	183			
		SUN	MON	TUE	WED	THU	FRI	SAT				

Most 2014 serious injury crashes in Mesa occurred from 11:00 AM- 5:00 PM. The lowest number of crashes happened from 12:00AM- 6:00AM.

SERIOUS INJURY CRASH LOCATIONS

mesa·az

2014

N
W E
S

THOMAS RD
3600 N

MCDOWELL RD
2800 N

MCKELLIPS RD
2000 N

BROWN RD
1200 N

UNIVERSITY DR
400 N

BROADWAY RD
400 S

SOUTHERN AVE
1200 S

BASELINE RD
2000 S

GUADALUPE RD
2800 S

ELLIOT RD
3600 S

WARNER RD
4400 S

RAY RD
5200 S

WILLIAMS FIELD RD
6000 S

PECOS RD
6800 S

GERMANN RD
7200 S

LOOP 202

LOOP 101

60

24

101 PRICE FRWY
2800 W

DOBSON RD
2000 W

ALMA SCHOOL RD
1200 W

COUNTRY CLUB DR
400 W

MESA DR
400 E

STAPLEY DR
1200 E

GILBERT RD
2000 E

LINDSAY RD
2800 E

VAL VISTA DR
3600 E

GREENFIELD RD
4400 E

HIGLEY RD
5200 E

RECKER RD
6000 E

POWER RD
6800 E

SOSSAMAN RD
7600 E

HAWES RD
8400 E

ELLSWORTH RD
9200 E

CRISMON RD
10000 E

SIGNAL BUTTE RD
10800 E

MERIDIAN RD
11600 E

Legend

Serious Injury Crashes

- 1 Crash
- 2 Crashes
- 3 Crashes
- 4 Crashes
- Center of Downtown Mesa
- City of Mesa Boundary

0 0.5 1 2
Miles

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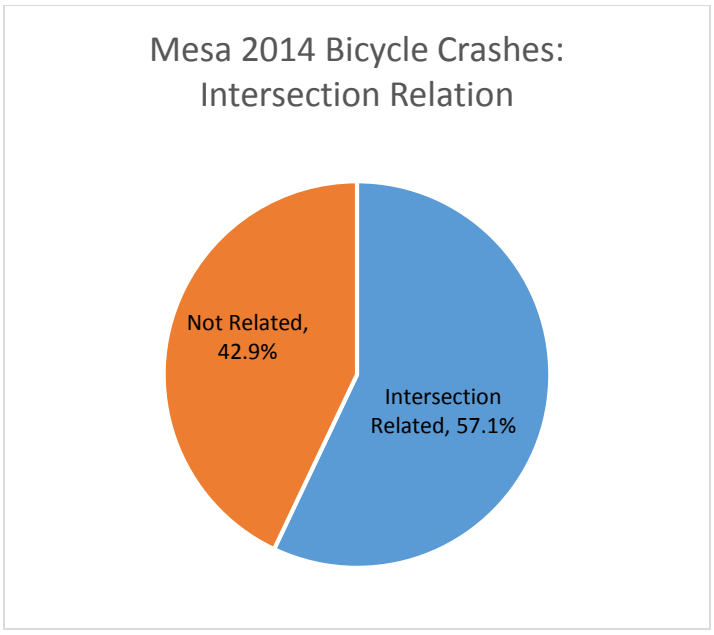
Locations of all 183 serious injury crashes. Intersection related crashes accounted for 61.2% of all serious injury crashes.

SECTION 3:

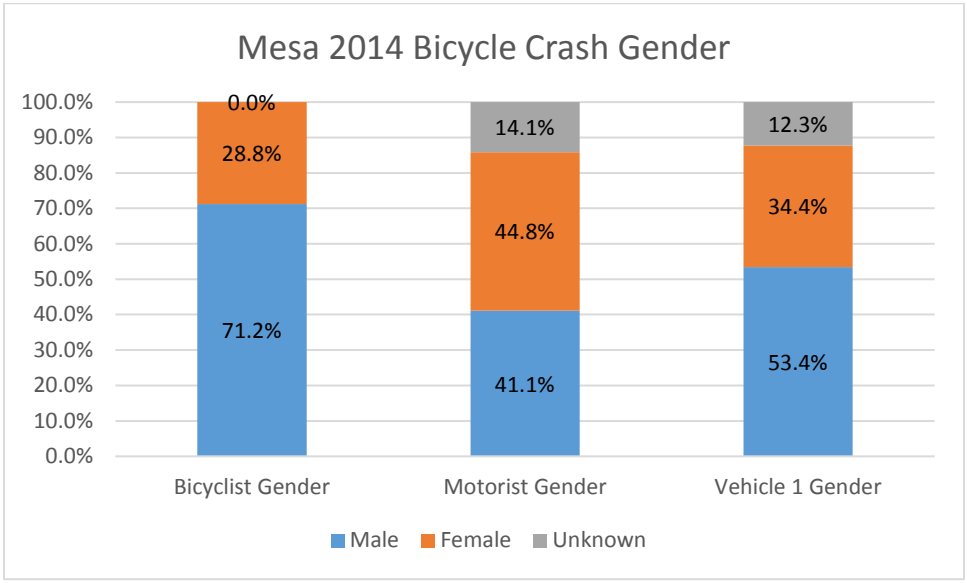
BIKE CRASHES

Mesa Bicycle Crashes: General View						
YEAR	MESA BIKE CRASHES BY YEAR	TOTAL MESA VEHICLE CRASHES BY YEAR	MESA BIKE CRASH % OF TOTAL CRASHES	MESA ESTIMATED POPULATION BY YEAR	MESA BIKE CRASHES PER 100,000 POPULATION	BIKE CRASHES PER 100,000: PERCENT FROM 5-YEAR AVERAGE
2001	284	9928	2.9%	416301	68	
2002	254	9155	2.8%	427923	59	
2003	282	8520	3.3%	435391	65	
2004	258	9184	2.8%	443733	58	
2005	276	9205	3.0%	450948	61	
2006	181	8522	2.1%	456449	40	
2007	231	7933	2.9%	460493	50	
2008	212	5908	3.6%	463829	46	
2009	222	5504	4.0%	467157	48	
2010	206	5118	4.0%	440031	46.8	2.0%
2011	219	5178	4.2%	444685	49.2	7.3%
2012	257	5134	5.0%	451677	56.9	23.9%
2013	190	5313	3.6%	457587	41.5	-9.6%
2014	163	5025	3.2%	464704	35.1	-23.6%
2015	131	4979	2.6%	471825	28	
2016		5533	-	475274	-	
2014 5-YR AVG	207	5154	4.0%	451737	45.9	
Information provided by City of Mesa website. (Their source is ESRI Community Analysis)						
Information from http://population.us/az/mesa/						
Information from https://www.census.gov/quickfacts/						

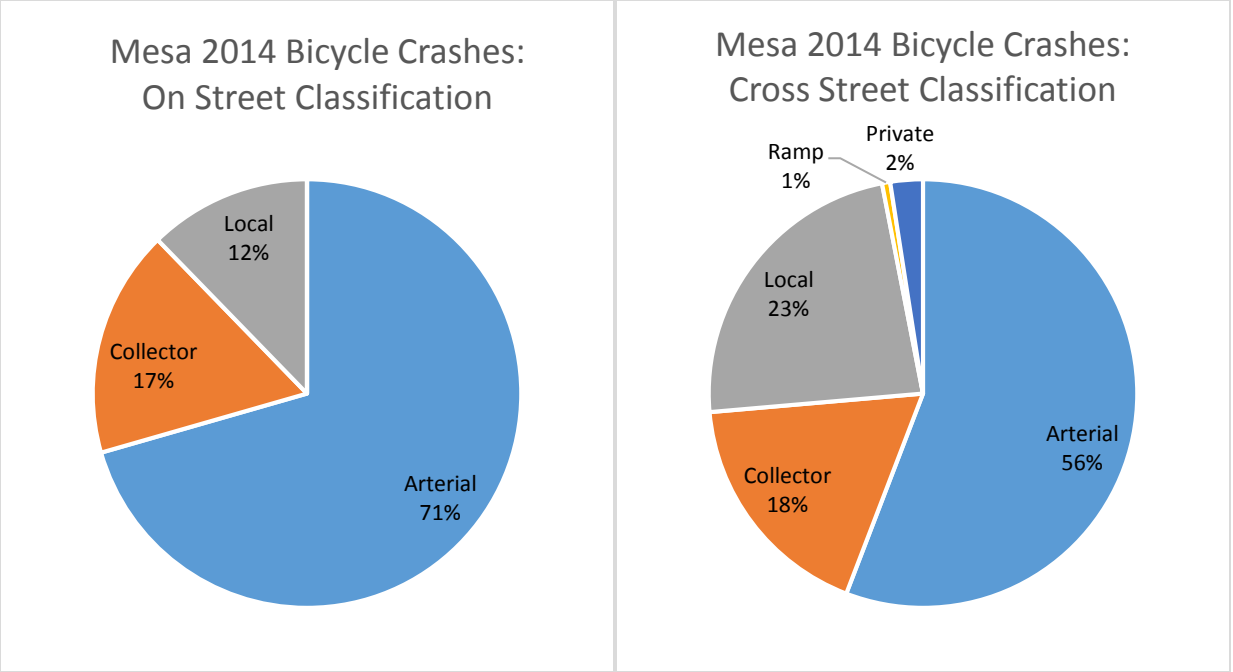
The City of Mesa had 163 bike crashes in 2014 which was 3.2% of all Mesa crashes. The number of bike crashes per 100,000 population was 23.6% less than the 5-year average of nearly 46 bike crashes per 100,000 population.



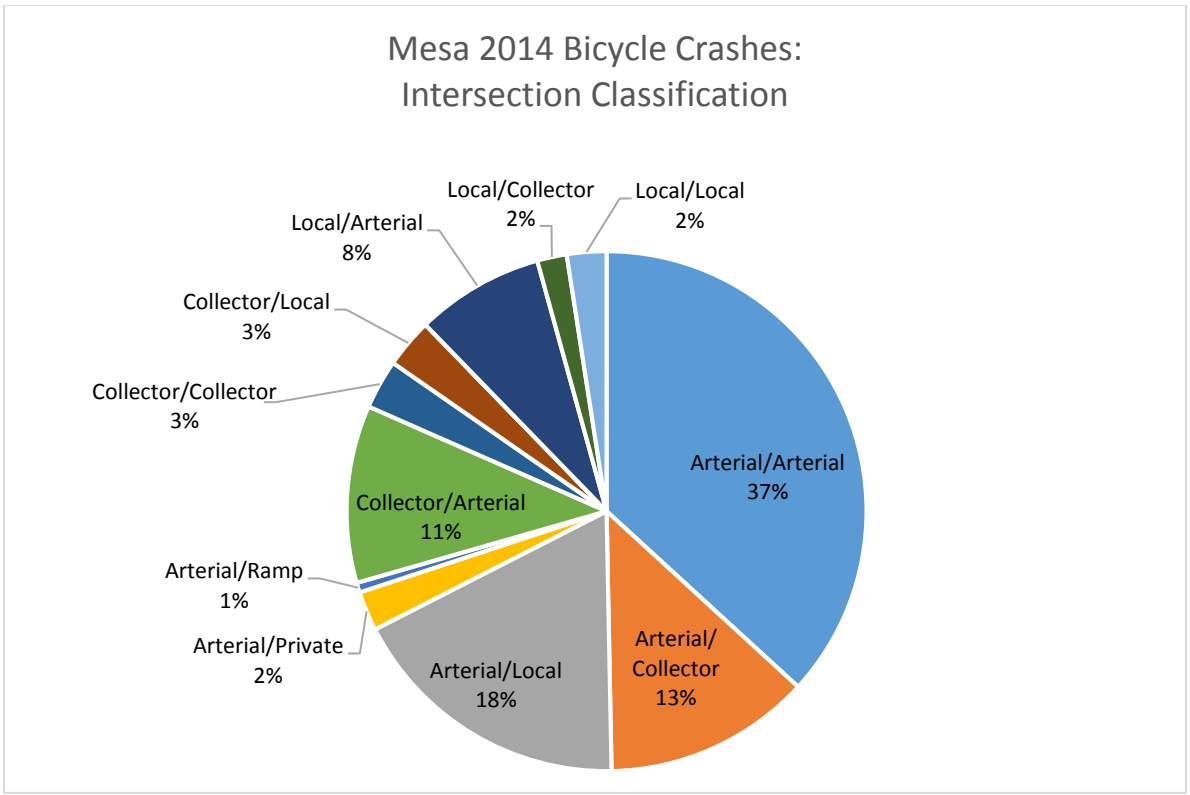
Of the 163 bike crashes in Mesa 2014, 93 were intersection related.



The gender of vehicle 1 was primarily male, and the same can be said about the gender of the bicyclist that was hit, regardless of fault.



71% of Mesa bike crashes in 2014 occurred on arterial roadways. Likewise, the cross street was primarily an arterial.



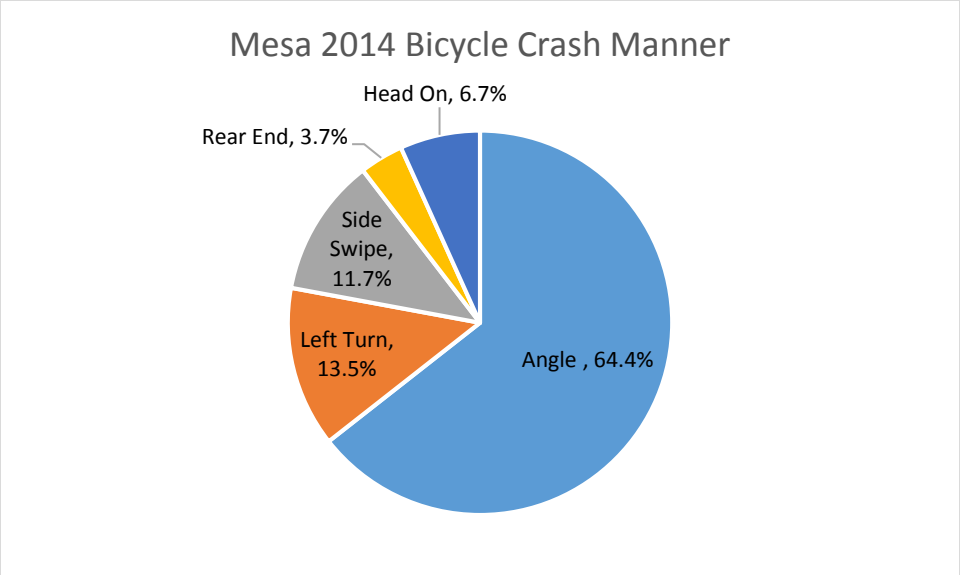
The chart above shows the street intersection classifications for Mesa bicycle crashes in 2014.

Mesa 2014 Bicyclists Involved in Crashes: Age Group				
AGE GROUP	TOTAL MESA POPULATION BY AGE	AGE PERCENT OF TOTAL POPULATION	TOTAL BIKE CRASHES BY AGE	PERCENT OF TOTAL CRASHES BY AGE
under 5	32042	6.9%	0	0.0%
5 to 9	32072	6.9%	2	1.2%
10 to 14	30892	6.6%	17	10.4%
15 to 17	19259	4.1%	19	11.7%
18 to 19	11396	2.5%	9	5.5%
20	7428	1.6%	10	6.1%
21	7199	1.5%	6	3.7%
22 to 24	20454	4.4%	11	6.7%
25 to 29	33650	7.2%	16	9.8%
30 to 34	32514	7.0%	13	8.0%
35 to 39	27152	5.8%	8	4.9%
40 to 44	28118	6.1%	11	6.7%
45 to 49	28561	6.1%	11	6.7%
50 to 54	30892	6.6%	8	4.9%
55 to 59	25345	5.5%	10	6.1%
60 to 61	10696	2.3%	2	1.2%
62 to 64	15815	3.4%	2	1.2%
65 to 66	8365	1.8%	3	1.8%
67 to 69	12097	2.6%	2	1.2%
70 to 74	16737	3.6%	0	0.0%
75 to 79	13263	2.9%	0	0.0%
80 to 84	10939	2.4%	1	0.6%
85+	9811	2.1%	0	0.0%
Total	464704	100.0%		
Unk			2	1.2%
Total			163	

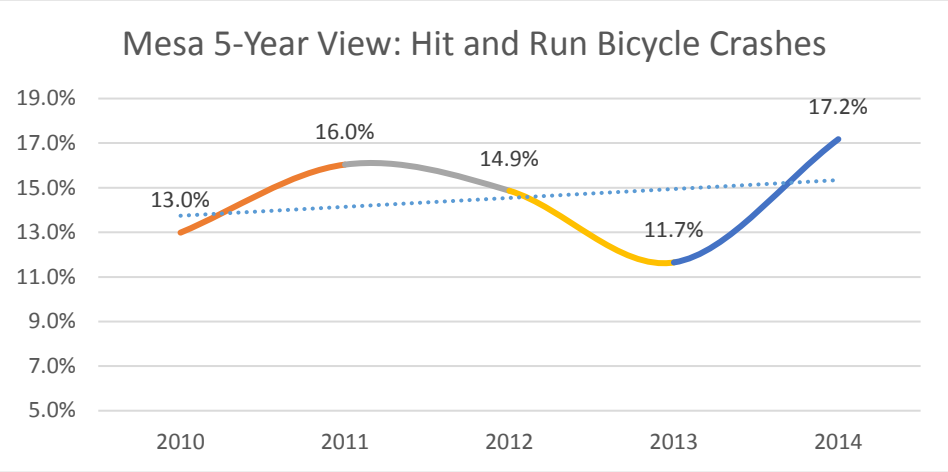
The above table shows the ages of the bicyclists that were involved in crashes within Mesa 2014. The highest concentration of crashes occurred among bicyclists aged 15-17.

Mesa 2014 Bicyclists Involved in Crashes: Age Group and Gender								
AGE GROUP	MESA 2014 MALE POPULATION	PERCENT MALE	MALE BIKE CRASHES	PERCENT OF MALE CRASHES	MESA 2014 FEMALE POPULATION	PERCENT FEMALE	FEMALE BIKE CRASHES	PERCENT OF FEMALE CRASHES
under 5	16462	7.2%	0	0.0%	15581	6.6%	0	0.0%
5 to 9	15547	6.8%	0	0.0%	16525	7.0%	2	4.3%
10 to 14	15547	6.8%	10	8.6%	15345	6.5%	7	14.9%
15 to 17	10289	4.5%	15	12.9%	8971	3.8%	4	8.5%
18 to 19	5259	2.3%	7	6.0%	6138	2.6%	2	4.3%
20	3887	1.7%	6	5.2%	3541	1.5%	4	8.5%
21	3658	1.6%	5	4.3%	3541	1.5%	1	2.1%
22 to 24	9831	4.3%	7	6.0%	10623	4.5%	4	8.5%
25 to 29	17833	7.8%	11	9.5%	15817	6.7%	5	10.6%
30 to 34	16462	7.2%	11	9.5%	16053	6.8%	2	4.3%
35 to 39	14404	6.3%	6	5.2%	12748	5.4%	2	4.3%
40 to 44	13718	6.0%	8	6.9%	14400	6.1%	3	6.4%
45 to 49	14633	6.4%	8	6.9%	13928	5.9%	3	6.4%
50 to 54	15547	6.8%	5	4.3%	15345	6.5%	3	6.4%
55 to 59	11889	5.2%	7	6.0%	13456	5.7%	3	6.4%
60 to 61	5030	2.2%	1	0.9%	5666	2.4%	1	2.1%
62 to 64	7316	3.2%	2	1.7%	8499	3.6%	0	0.0%
65 to 66	4115	1.8%	2	1.7%	4249	1.8%	1	2.1%
67 to 69	5487	2.4%	2	1.7%	6610	2.8%	0	0.0%
70 to 74	8002	3.5%	0	0.0%	8735	3.7%	0	0.0%
75 to 79	5944	2.6%	0	0.0%	7318	3.1%	0	0.0%
80 to 84	4801	2.1%	1	0.9%	6138	2.6%	0	0.0%
85+	3201	1.4%	0	0.0%	6610	2.8%	0	0.0%
Total	228634	49.2%			236070	50.8%		0.0%
Unk			2	1.7%			0	0.0%
Total			116	71.2%			47	28.8%

The above table is a breakdown of bicyclists involved in bicycle crashes within Mesa in 2014 by gender. Consistent with the gender charts on page 28, male cyclists made up 71% of all bicyclist-involved crashes.



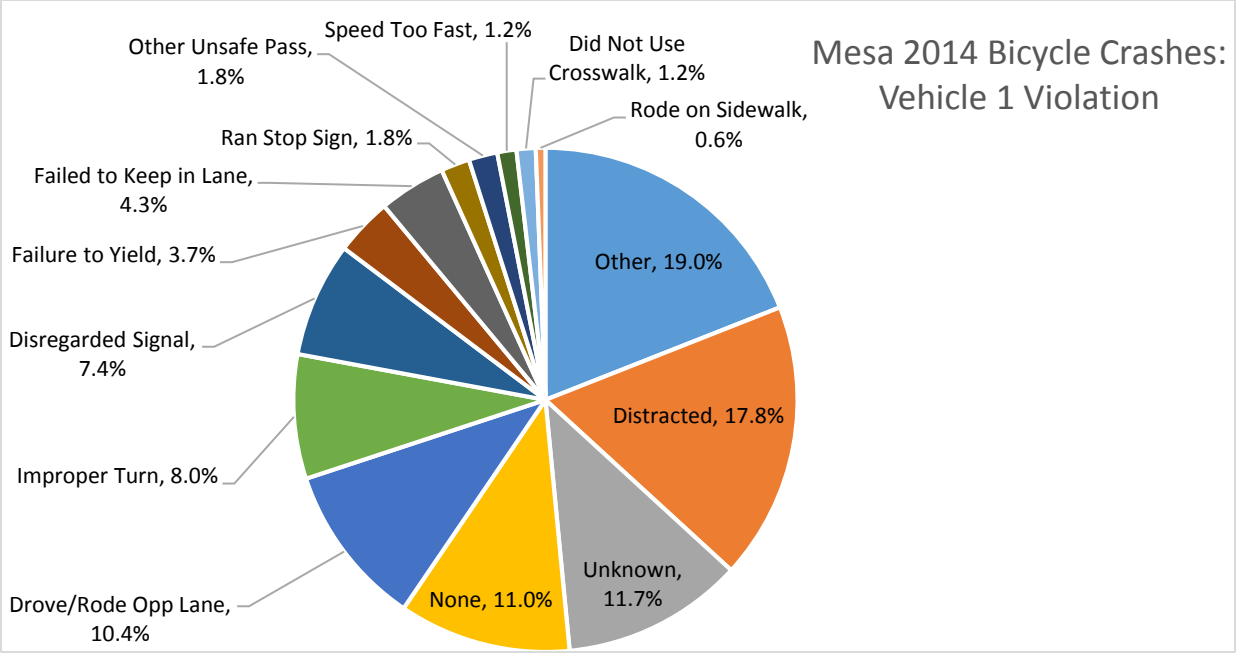
Over half of the crashes that involved bicyclists in 2014 were angle crashes. This document will also delve into the behaviors that lead to collisions.



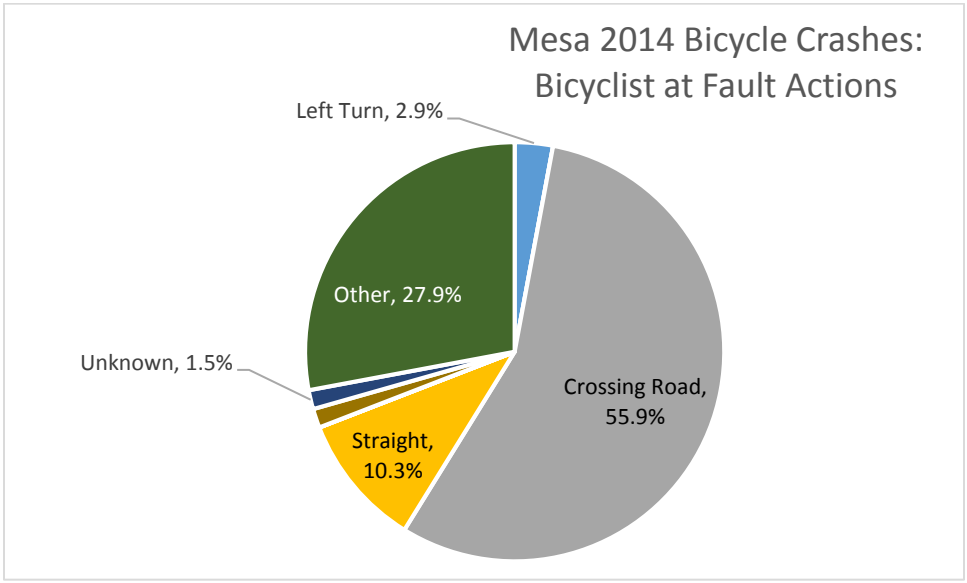
Of the 163 bike crashes in Mesa 2014, 28 were deemed hit and run collisions. This number is up 2.8% from the 5-year average, and up 5.5% from the previous year.

Mesa 2014 Bicycle Crashes: Vehicle 1 Designation		
Motorist at Fault	95	58.3%
Cyclist at Fault	68	41.7%
Total	163	

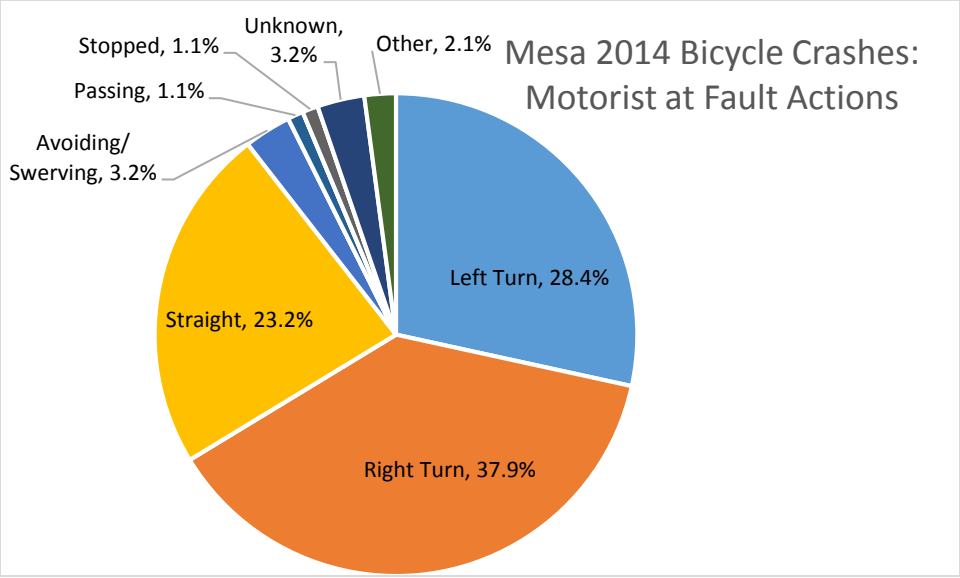
More than half of the cases of bicyclist crashes were the result of a violation by a motorist.



The chart above shows the violations of vehicle 1, which includes violations performed by both the cyclist and the motorist. The highest percentage is attributed to distractions leading to inattention.



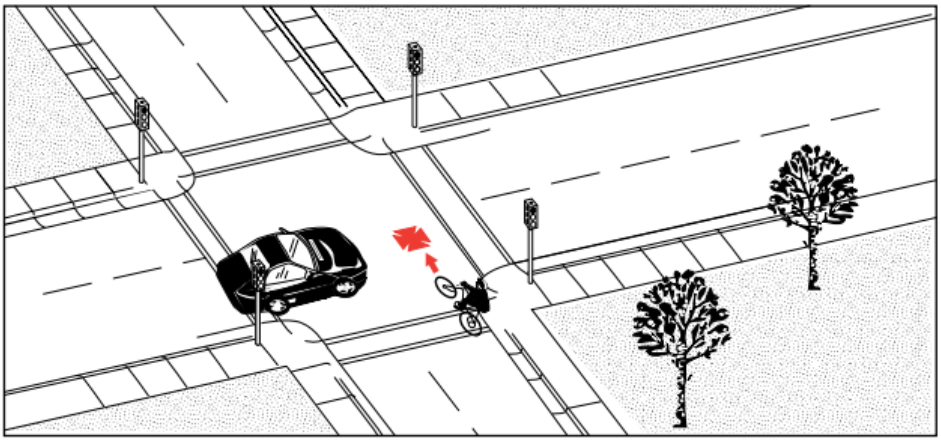
When the cyclist was vehicle 1, they were primarily crossing the road during a non-permitted crossing interval (DON'T WALK interval) or without a crosswalk.



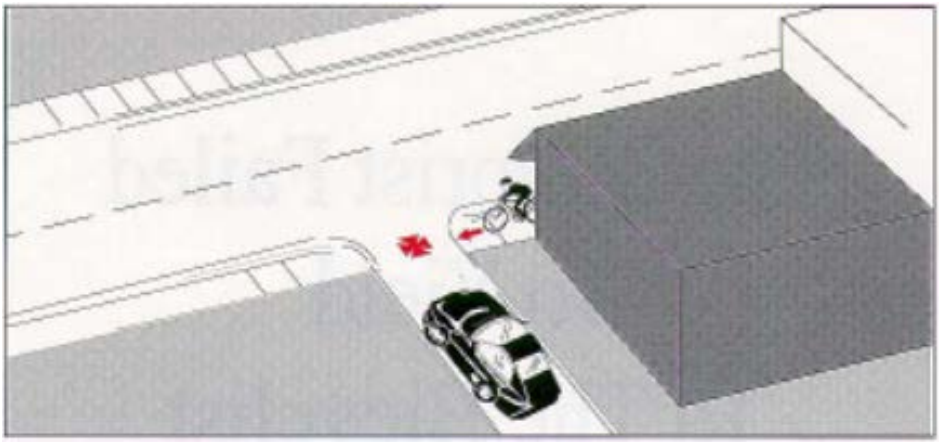
When the motorist was vehicle 1, turning motions were the primary actions.

The following is a list of the most common crash types for bicycle-motorist collisions. They are ordered from highest to lowest and show the number of collisions of a certain type followed by the percentage of total crashes. Graphics sourced from Federal Highway Administration, *Bicycle Crash Types: A 1990's Informational Guide.* The most common crash types for bicycle-motorist collisions of 2014 were as follows:

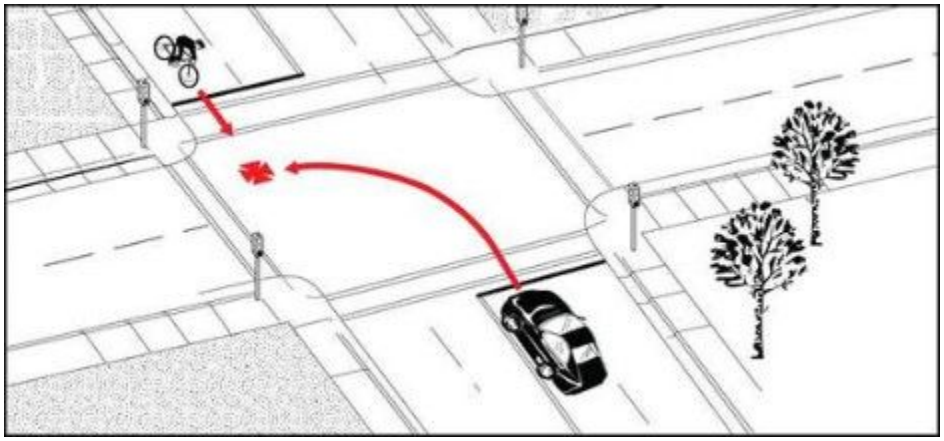
1. Bicycle Ride Through - signal controlled intersection: 23 (14.1%)



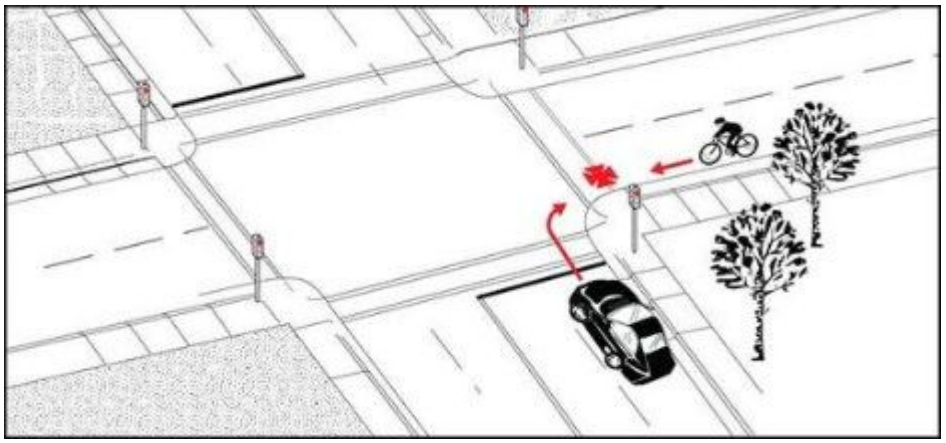
2. Motorist Drive Out – driveway or alley: 20 (12.3%)



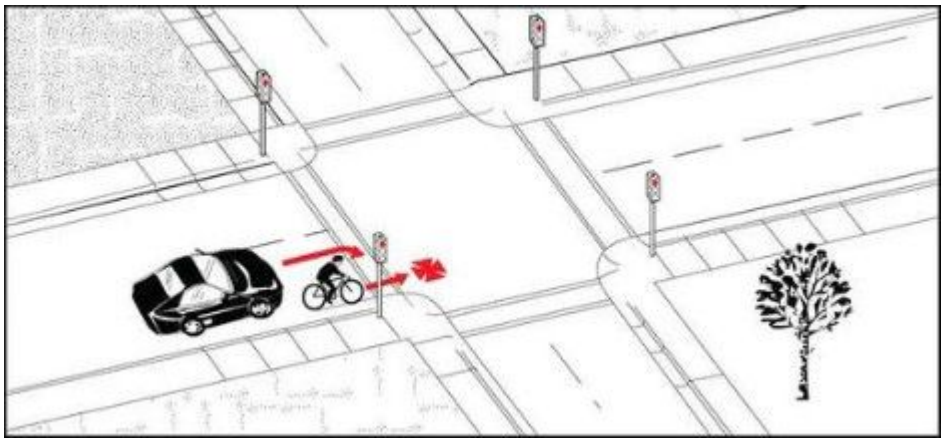
3. Motorist Left Turn – bicycle travelling in the opposite direction: 17 (10.4%)

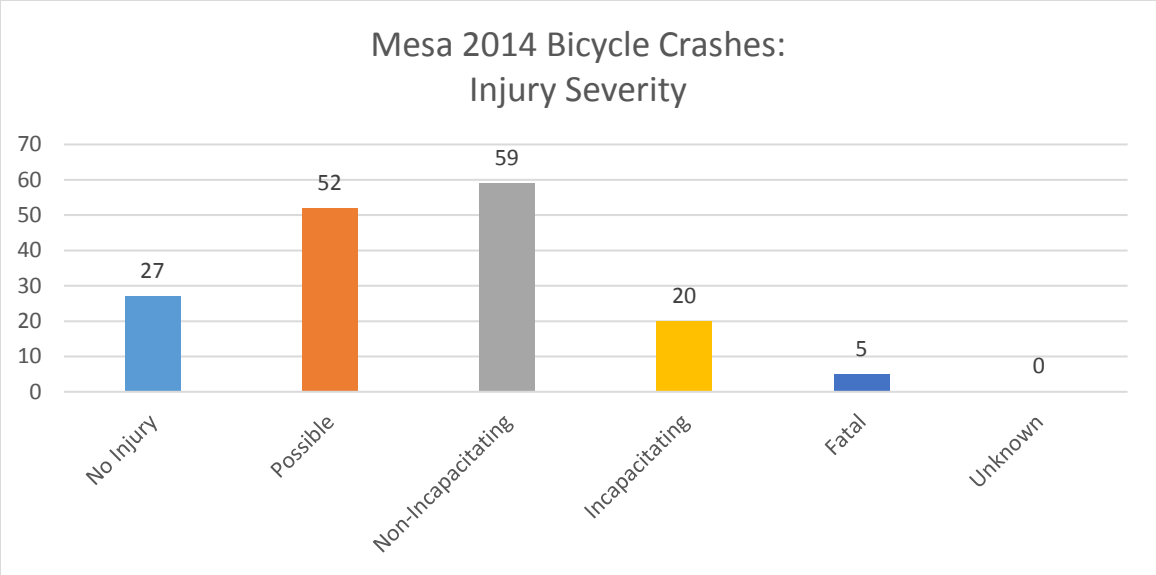


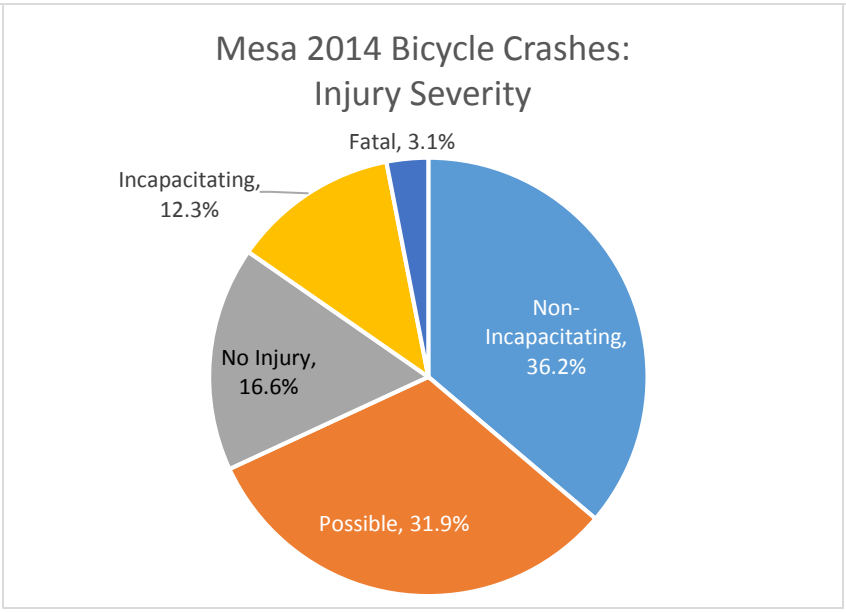
4. Motorist Right Turn – bicycle traveling perpendicular direction: 12 (7.4%)



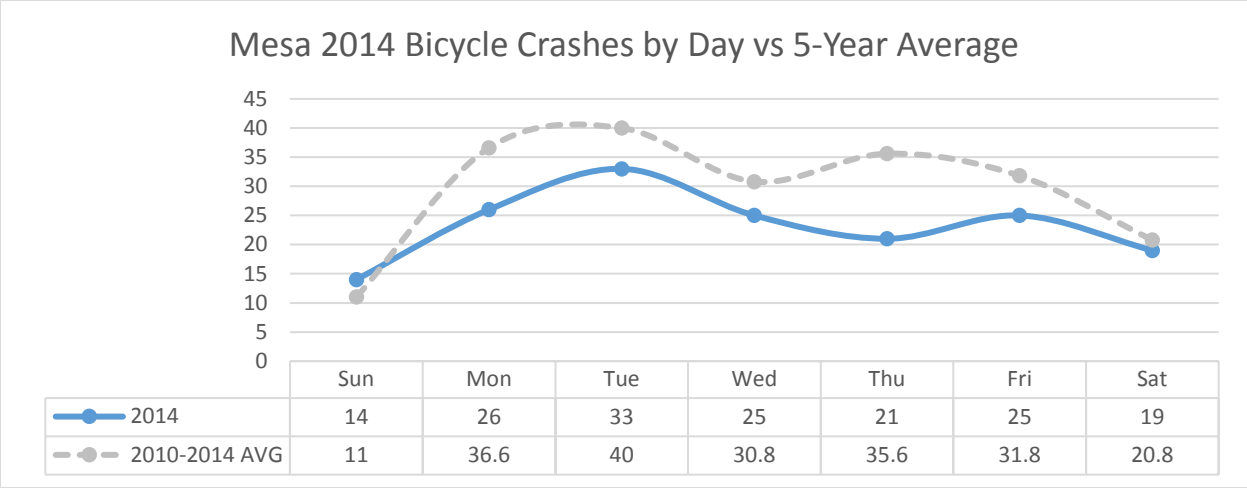
5. Motorist Right Turn - bicycle travelling in the same direction: 8 (5.0%)





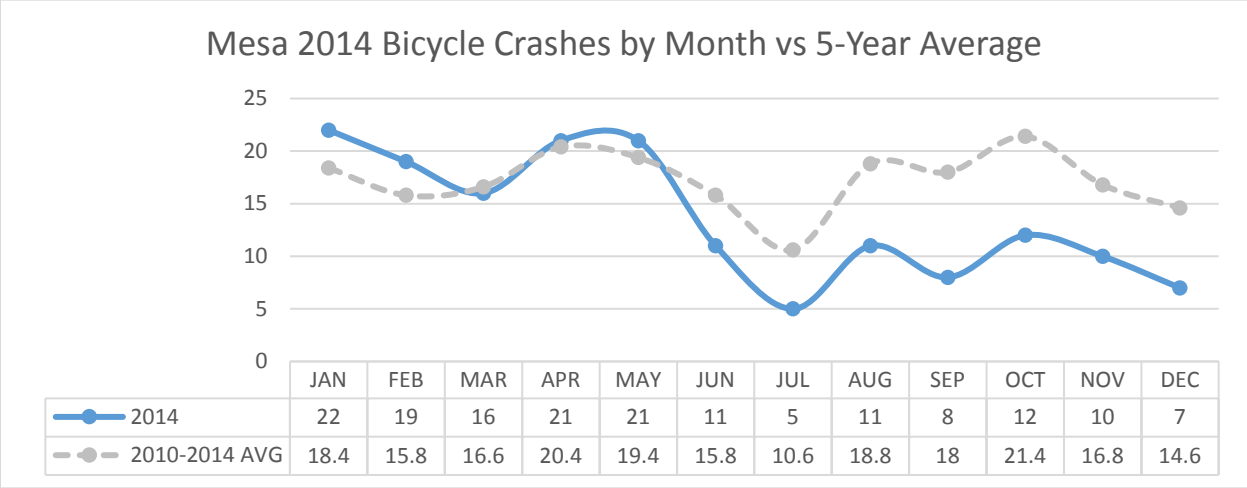


Of the 163 total bike crashes within Mesa in 2014, there were five fatalities and 20 serious injuries, totalling 15.4% of all bicycle-related crashes.



	Sun	Mon	Tue	Wed	Thu	Fri	Sat
2014	14	26	33	25	21	25	19
2010-2014 AVG	11	36.6	40	30.8	35.6	31.8	20.8

2014 mostly remained under the 5-year average for crashes by weekday. The highest 3-day period for bicycle crashes was Monday – Wednesday.



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2014	22	19	16	21	21	11	5	11	8	12	10	7
2010-2014 AVG	18.4	15.8	16.6	20.4	19.4	15.8	10.6	18.8	18	21.4	16.8	14.6

From January - May of 2014, bicycle crashes were slightly above the 5-year average, then fell below starting in June.

Mesa 2014 Bicycle Crashes by Time of Day and Day of Week									
		Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total
12:00:00 AM	1:00:00 AM	0	0	0	0	0	0	0	0
1:00:00 AM	2:00:00 AM	0	0	0	0	0	0	0	0
2:00:00 AM	3:00:00 AM	0	0	0	0	0	0	0	0
3:00:00 AM	4:00:00 AM	0	0	0	0	0	0	0	0
4:00:00 AM	5:00:00 AM	0	0	1	0	0	0	0	1
5:00:00 AM	6:00:00 AM	0	1	0	0	1	2	1	5
6:00:00 AM	7:00:00 AM	0	2	0	1	0	2	0	5
7:00:00 AM	8:00:00 AM	0	0	2	0	4	2	0	8
8:00:00 AM	9:00:00 AM	2	0	2	2	0	0	2	8
9:00:00 AM	10:00:00 AM	2	0	1	1	0	1	0	5
10:00:00 AM	11:00:00 AM	2	1	1	0	1	1	0	6
11:00:00 AM	12:00:00 PM	0	4	3	0	0	4	0	11
12:00:00 PM	1:00:00 PM	1	0	2	0	1	1	1	6
1:00:00 PM	2:00:00 PM	0	0	2	0	1	0	2	5
2:00:00 PM	3:00:00 PM	1	4	1	0	1	0	1	8
3:00:00 PM	4:00:00 PM	1	2	6	9	1	1	0	20
4:00:00 PM	5:00:00 PM	3	3	6	8	1	4	1	26
5:00:00 PM	6:00:00 PM	0	3	2	2	3	1	1	12
6:00:00 PM	7:00:00 PM	0	2	1	0	1	2	4	10
7:00:00 PM	8:00:00 PM	0	4	2	0	3	1	3	13
8:00:00 PM	9:00:00 PM	0	0	1	1	2	0	2	6
9:00:00 PM	10:00:00 PM	0	0	0	1	1	1	0	3
10:00:00 PM	11:00:00 PM	1	0	0	0	0	1	1	3
11:00:00 PM	12:00:00 AM	1	0	0	0	0	1	0	2
	Total	14	26	33	25	21	25	19	163

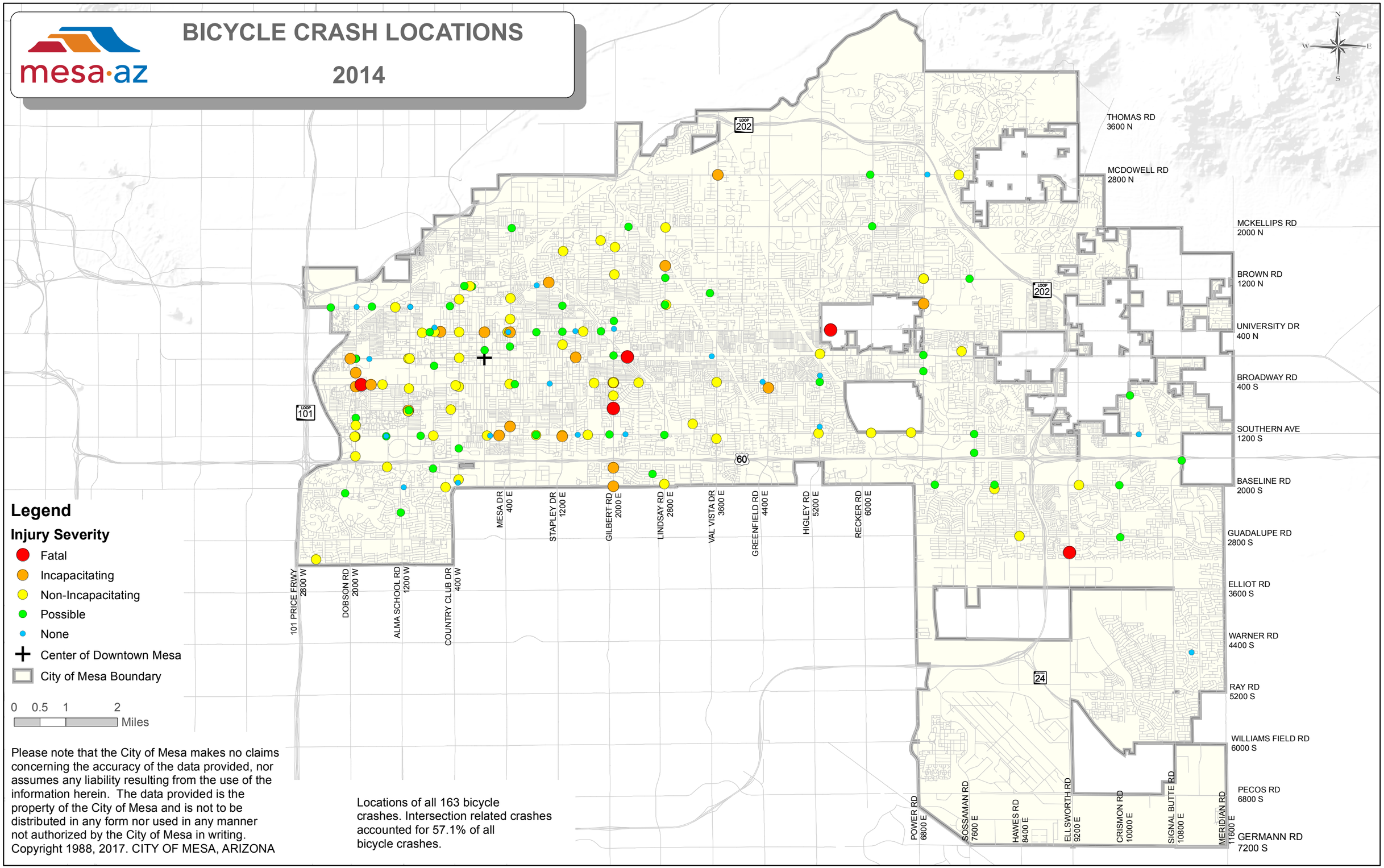
In 2014, most of the bicycle crashes occurred between 3:00PM and 5:00PM.

Mesa 5-Year Trend: Bicycle Crashes by Time of Day										
		2010	2011	2012	2013	2014	5-Year Total	5-Year Percent	6- HR TOTAL	
12:00:00 AM	1:00:00 AM	1	1	0	0	0	2	0.2%	7pm-1am	138
1:00:00 AM	2:00:00 AM	0	1	0	0	0	1	0.1%	8pm-2am	83
2:00:00 AM	3:00:00 AM	1	0	2	0	0	3	0.3%	9pm-3am	53
3:00:00 AM	4:00:00 AM	0	0	0	0	0	0	0.0%	10pm-4am	29
4:00:00 AM	5:00:00 AM	1	0	0	2	1	4	0.4%	11pm-5am	18
5:00:00 AM	6:00:00 AM	1	3	3	1	5	13	1.3%	12am-6am	23
6:00:00 AM	7:00:00 AM	11	5	7	8	5	36	3.5%	1am-7am	57
7:00:00 AM	8:00:00 AM	14	19	22	11	8	74	7.2%	2am-8am	130
8:00:00 AM	9:00:00 AM	12	14	18	12	8	64	6.2%	3am-9am	191
9:00:00 AM	10:00:00 AM	7	8	9	1	5	30	2.9%	4am-10am	221
10:00:00 AM	11:00:00 AM	9	7	7	6	6	35	3.4%	5am-11am	252
11:00:00 AM	12:00:00 PM	14	12	18	15	11	70	6.8%	6am-12pm	309
12:00:00 PM	1:00:00 PM	12	12	19	9	6	58	5.6%	7am-1pm	331
1:00:00 PM	2:00:00 PM	16	14	11	10	5	56	5.4%	8am-2pm	313
2:00:00 PM	3:00:00 PM	14	12	21	18	8	73	7.1%	9am-3pm	322
3:00:00 PM	4:00:00 PM	20	32	23	23	20	118	11.4%	10am-4pm	410
4:00:00 PM	5:00:00 PM	20	19	29	16	26	110	10.6%	11am-5pm	485
5:00:00 PM	6:00:00 PM	9	24	20	14	12	79	7.6%	12pm-6pm	494
6:00:00 PM	7:00:00 PM	11	14	18	18	10	71	6.9%	1pm-7pm	507
7:00:00 PM	8:00:00 PM	11	8	13	11	13	56	5.4%	2pm-8pm	507
8:00:00 PM	9:00:00 PM	6	9	6	6	6	33	3.2%	3pm-9pm	467
9:00:00 PM	10:00:00 PM	9	2	4	6	3	24	2.3%	4pm-10pm	373
10:00:00 PM	11:00:00 PM	4	2	4	2	3	15	1.5%	5pm-11pm	278
11:00:00 PM	12:00:00 AM	1	1	3	1	2	8	0.8%	6pm-12am	207
	Total	204	219	257	190	163	1033			

For bicycle crashes, the highest two-hour period over a 5-year trend was between 3:00PM and 5:00PM. Consistent with 2014 numbers, the highest six-hour period was from 1:00PM to 7:00PM.

BICYCLE CRASH LOCATIONS

2014



Legend

Injury Severity

- Fatal
- Incapacitating
- Non-Incapacitating
- Possible
- None
- Center of Downtown Mesa
- City of Mesa Boundary

0 0.5 1 2 Miles

Please note that the City of Mesa makes no claims concerning the accuracy of the data provided, nor assumes any liability resulting from the use of the information herein. The data provided is the property of the City of Mesa and is not to be distributed in any form nor used in any manner not authorized by the City of Mesa in writing.

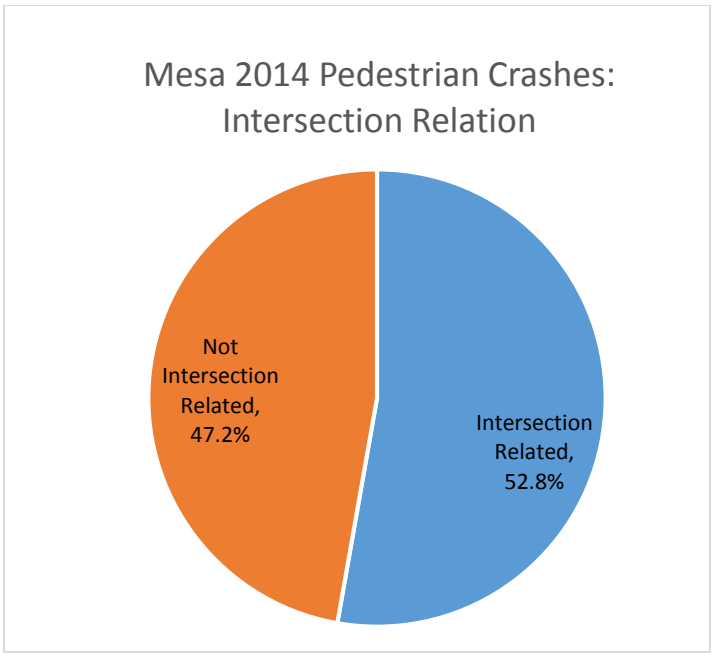
Locations of all 163 bicycle crashes. Intersection related crashes accounted for 57.1% of all bicycle crashes.

SECTION 4:

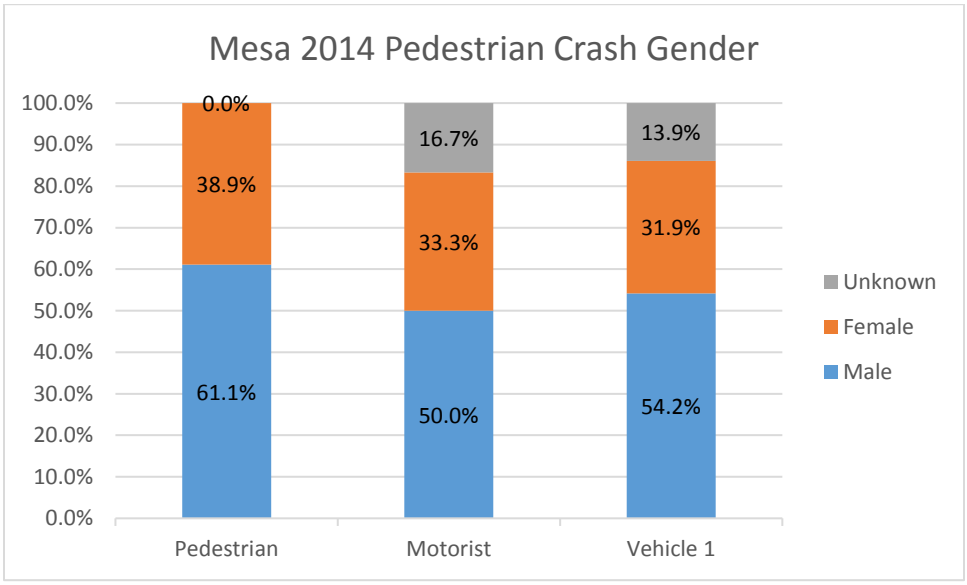
PEDESTRIAN CRASHES

Mesa 2014 Pedestrian Crashes: General View						
YEAR	MESA PED CRASHES BY YEAR	TOTAL MESA VEHICLE CRASHES BY YEAR	MESA PED CRASH % OF TOTAL CRASHES	MESA ESTIMATED POPULATION BY YEAR	MESA PED CRASHES PER 100,000 POPULATION	PED CRASHES PER 100,000: PERCENT FROM 5-YEAR AVERAGE
2001	112	9928	1.1%	416301	27	
2002	122	9155	1.3%	427923	29	
2003	116	8520	1.4%	435391	27	
2004	126	9184	1.4%	443733	28	
2005	109	9205	1.2%	450948	24	
2006	102	8522	1.2%	456449	22	
2007	120	7933	1.5%	460493	26	
2008	104	5908	1.8%	463829	22	
2009	102	5504	1.9%	467157	22	
2010	79	5118	1.5%	440031	18.0	-14.2%
2011	98	5178	1.9%	444685	22.0	5.4%
2012	120	5134	2.3%	451677	26.6	27.0%
2013	103	5313	1.9%	457587	22.5	7.6%
2014	72	5025	1.4%	464704	15.5	-25.9%
2015	68	4979	1.4%	471825	14	
2016		5533	-	475274	-	
2014 5-YR AVG	94	5154	1.8%	451737	20.9	
Information provided by City of Mesa website. (Their source is ESRI Community Analysis)						
Information from http://population.us/az/mesa/						
Information from https://www.census.gov/quickfacts/						

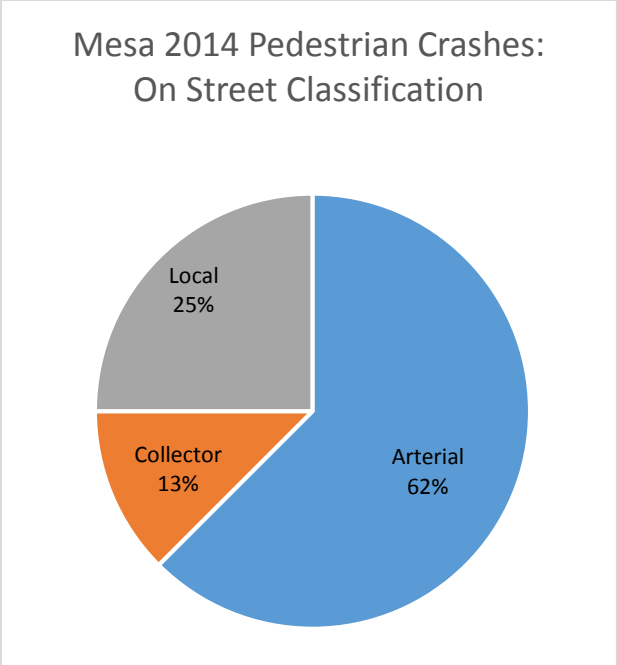
The City of Mesa had 72 pedestrian crashes in 2014, making up 1.4% of all crashes that year. The number of pedestrian crashes per 100,000 people was 25.9% less than the five-year average of 21. The 5-year average (2010 - 2014) number of pedestrian crashes was 94. Mesa 2014 pedestrian crashes per 100,000 were nearly 26% under the 5-year average.

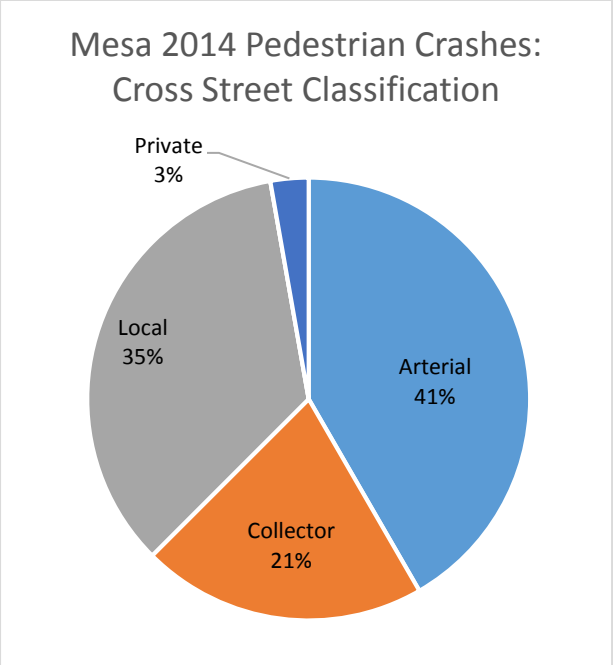


Of the 72 pedestrian crashes, about 53% were intersection related.

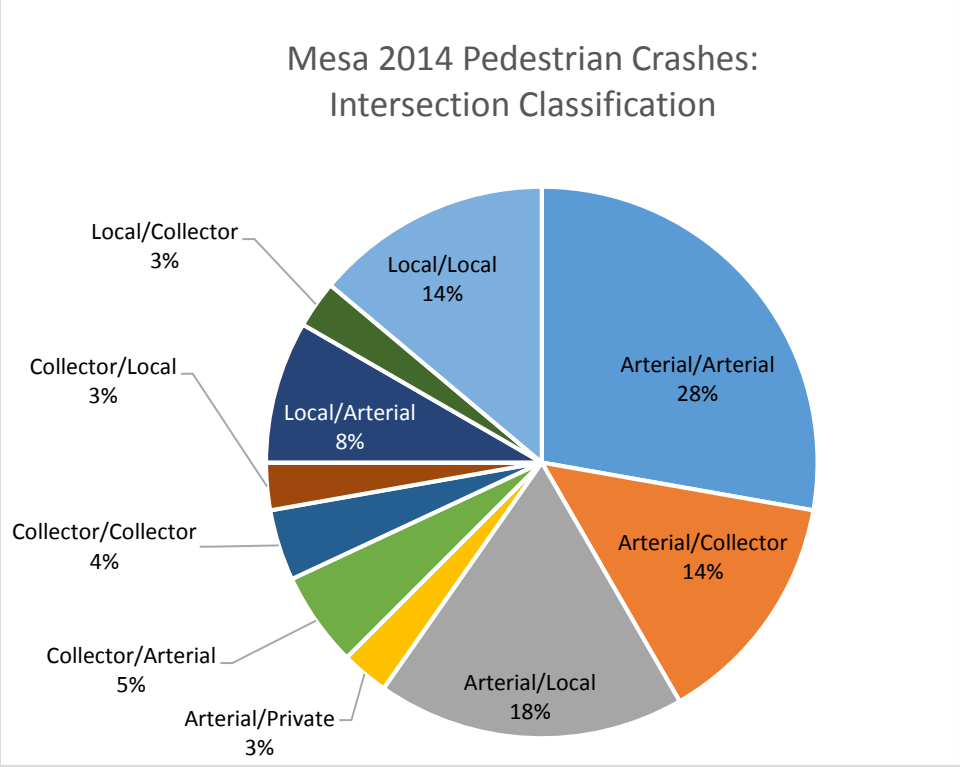


The gender of pedestrians involved in collisions was primarily male. The gender of vehicle 1 involved in a pedestrian crash was primarily male.





Of the 72 pedestrian crashes within Mesa in 2014, 62% occurred along an arterial roadway. 41% of the time, the cross street was an arterial.



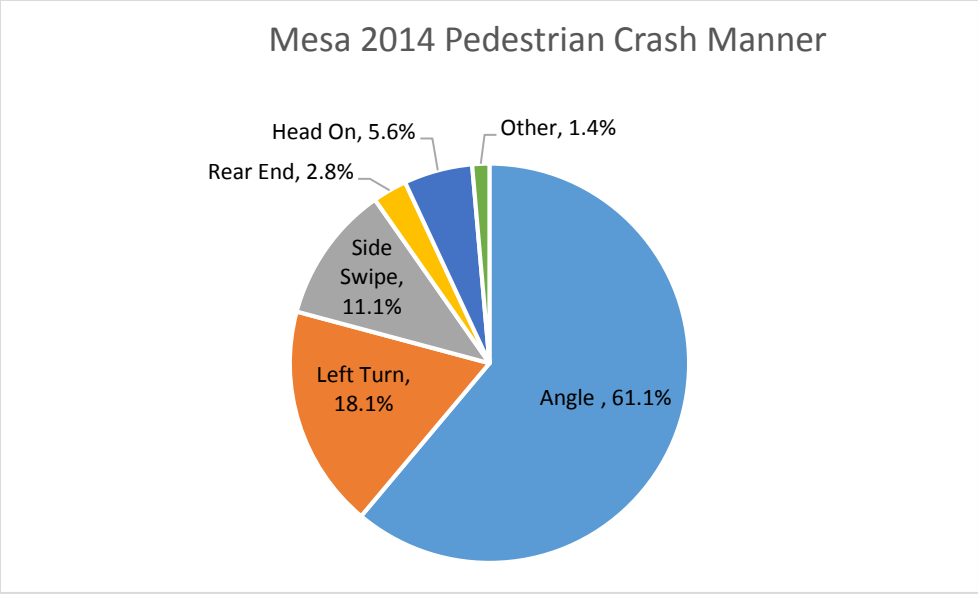
The chart above shows the street intersection classifications for pedestrian crashes within Mesa in 2014.

Mesa 2014 Pedestrian Crashes: Age Group				
AGE GROUP	TOTAL MESA POPULATION BY AGE	AGE PERCENT OF TOTAL POPULATION	TOTAL PED CRASHES BY AGE	PERCENT OF TOTAL CRASHES BY AGE
under 5	32042	6.9%	2	2.8%
5 to 9	32072	6.9%	7	9.7%
10 to 14	30892	6.6%	6	8.3%
15 to 17	19259	4.1%	6	8.3%
18 to 19	11396	2.5%	4	5.6%
20	7428	1.6%	3	4.2%
21	7199	1.5%	2	2.8%
22 to 24	20454	4.4%	2	2.8%
25 to 29	33650	7.2%	10	13.9%
30 to 34	32514	7.0%	7	9.7%
35 to 39	27152	5.8%	4	5.6%
40 to 44	28118	6.1%	3	4.2%
45 to 49	28561	6.1%	3	4.2%
50 to 54	30892	6.6%	4	5.6%
55 to 59	25345	5.5%	1	1.4%
60 to 61	10696	2.3%	1	1.4%
62 to 64	15815	3.4%	1	1.4%
65 to 66	8365	1.8%	0	0.0%
67 to 69	12097	2.6%	0	0.0%
70 to 74	16737	3.6%	3	4.2%
75 to 79	13263	2.9%	0	0.0%
80 to 84	10939	2.4%	1	1.4%
85+	9811	2.1%	0	0.0%
Total	464704	100.0%		
Unk			2	2.8%
Total			72	

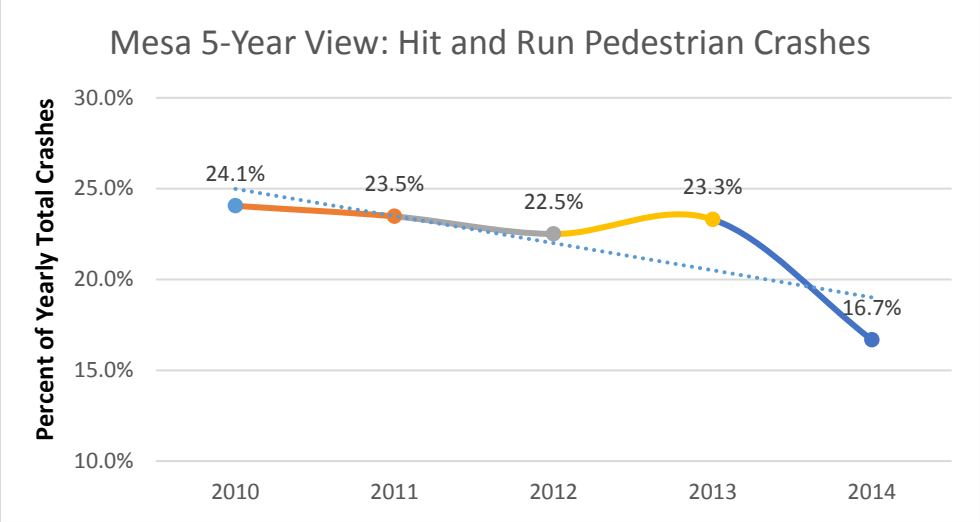
The above table shows the age groups of the pedestrians involved in crashes within Mesa in 2014. Over half (58.4%) of pedestrian crashes involved people under the age of 30.

Mesa 2014 Pedestrian Crashes: Age Group and Gender								
AGE GROUP	MESA 2014 MALE POPULATION	PERCENT MALE	MALE PED CRASHES	PERCENT OF MALE CRASHES	MESA 2014 FEMALE POPULATION	PERCENT FEMALE	FEMALE PED CRASHES	PERCENT OF FEMALE CRASHES
under 5	16462	7.2%	1	2.3%	15581	6.6%	1	3.6%
5 to 9	15547	6.8%	2	4.5%	16525	7.0%	5	17.9%
10 to 14	15547	6.8%	3	6.8%	15345	6.5%	3	10.7%
15 to 17	10289	4.5%	2	4.5%	8971	3.8%	4	14.3%
18 to 19	5259	2.3%	4	9.1%	6138	2.6%	0	0.0%
20	3887	1.7%	3	6.8%	3541	1.5%	0	0.0%
21	3658	1.6%	1	2.3%	3541	1.5%	1	3.6%
22 to 24	9831	4.3%	1	2.3%	10623	4.5%	1	3.6%
25 to 29	17833	7.8%	8	18.2%	15817	6.7%	2	7.1%
30 to 34	16462	7.2%	5	11.4%	16053	6.8%	2	7.1%
35 to 39	14404	6.3%	3	6.8%	12748	5.4%	1	3.6%
40 to 44	13718	6.0%	1	2.3%	14400	6.1%	2	7.1%
45 to 49	14633	6.4%	2	4.5%	13928	5.9%	1	3.6%
50 to 54	15547	6.8%	3	6.8%	15345	6.5%	1	3.6%
55 to 59	11889	5.2%	1	2.3%	13456	5.7%	0	0.0%
60 to 61	5030	2.2%	0	0.0%	5666	2.4%	1	3.6%
62 to 64	7316	3.2%	0	0.0%	8499	3.6%	1	3.6%
65 to 66	4115	1.8%	0	0.0%	4249	1.8%	0	0.0%
67 to 69	5487	2.4%	0	0.0%	6610	2.8%	0	0.0%
70 to 74	8002	3.5%	2	4.5%	8735	3.7%	1	3.6%
75 to 79	5944	2.6%	0	0.0%	7318	3.1%	0	0.0%
80 to 84	4801	2.1%	0	0.0%	6138	2.6%	1	3.6%
85+	3201	1.4%	0	0.0%	6610	2.8%	0	0.0%
Total	228634	49.2%			236070	50.8%		0.0%
Unk			2	4.5%			0	0.0%
Total			44	61.1%			28	38.9%

The peak age group of pedestrian crashes in 2014 was 25-29 years old. The peak age group for male pedestrian crashes was 25 to 29, and the peak age group for female pedestrian crashes was 5 to 9.



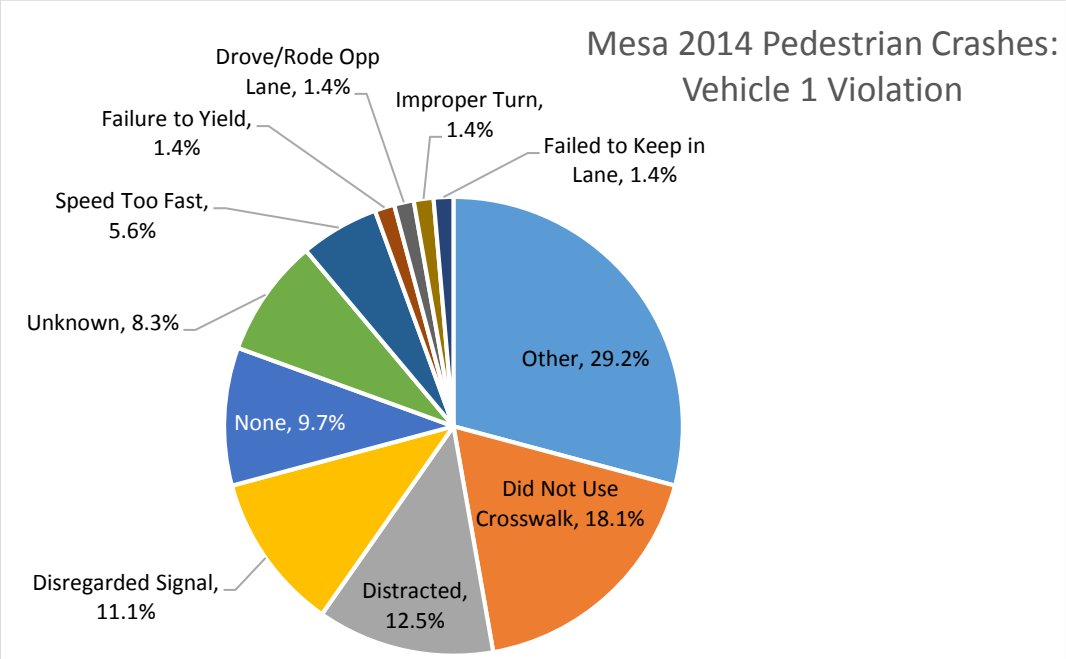
Most crashes that involved a pedestrian and a motorist were angle crashes with a total of 44 out of 72.



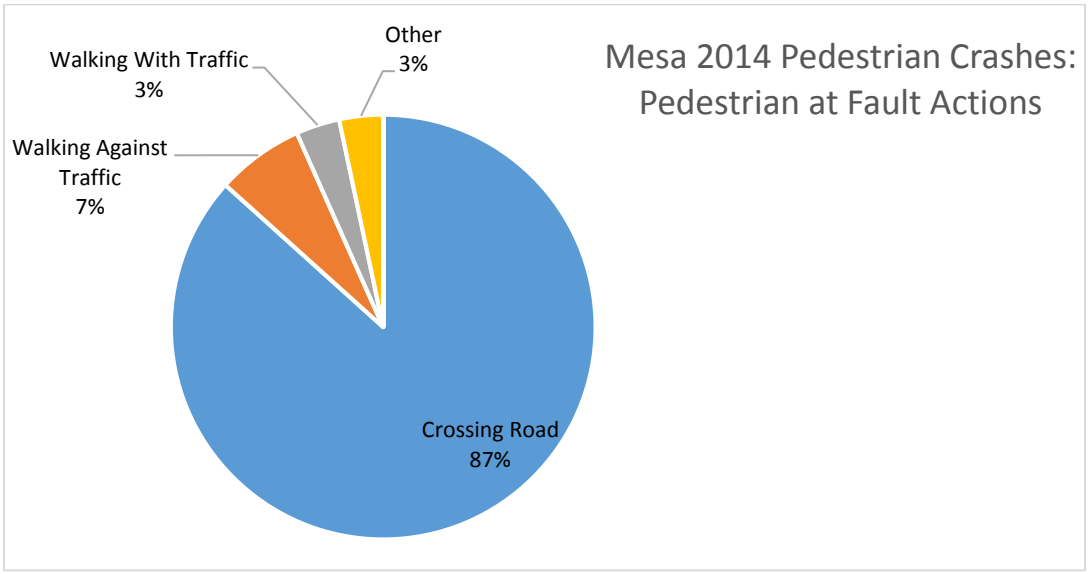
Trending downward, hit and run crashes made up about 17% of total pedestrian collisions with 12 out of 72.

Mesa 2014 Pedestrian Crashes: Vehicle 1 Designation		
Motorist at Fault	42	58.3%
Ped at Fault	30	41.7%
Total	72	

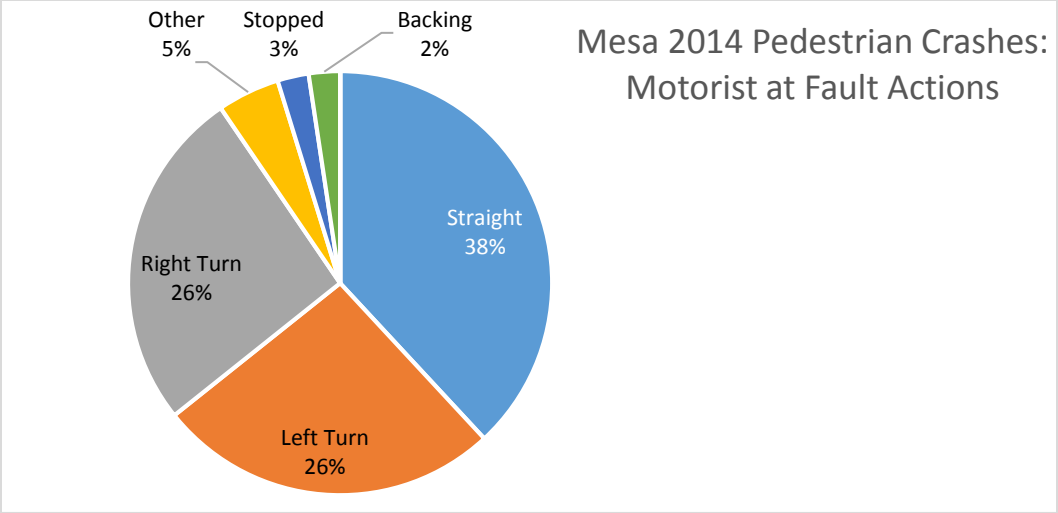
In most cases, motorists were at fault in pedestrian crashes.



The graph above shows the violations of vehicle 1 which includes violations performed by both the pedestrian and the motorist. The highest percentage was a pedestrian violation of not using the crosswalk.



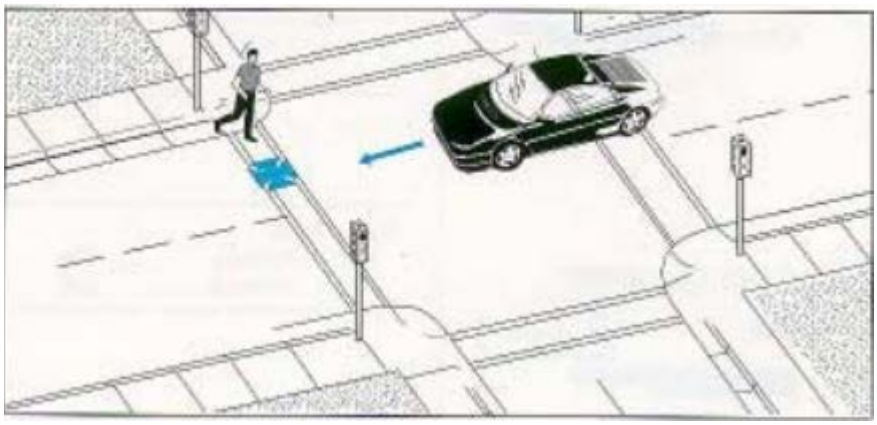
When a pedestrian was at fault, the most common action was crossing the road.



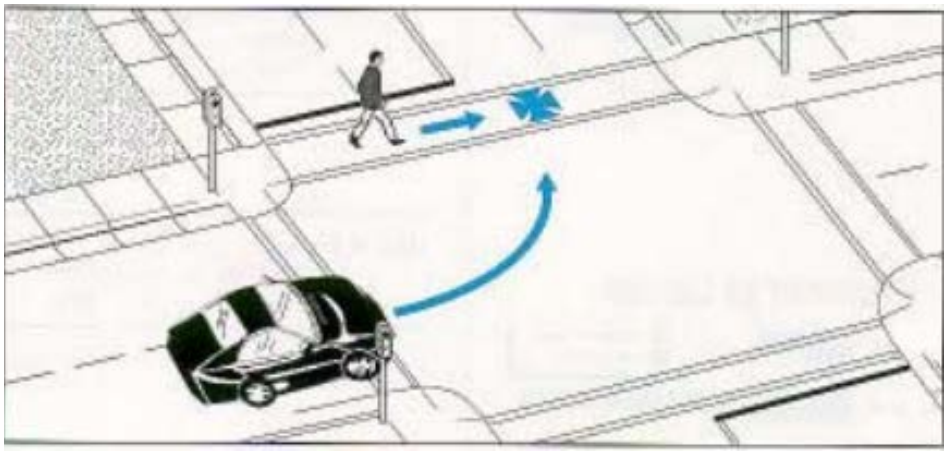
When a motorist was at fault, turning actions made up over half of the actions leading up to a crash with a pedestrian.

The following is a list of the most common crash types for pedestrian-motorist collisions. They are ordered from highest to lowest and show the number of collisions of a certain type, followed by the percentage of total crashes. Graphics sourced from Federal Highway Administration, *Pedestrian Crash Types: A 1990's Informational Guide.* The most common crash types for pedestrian-motorist collisions of 2014 were as follows:

1. Pedestrian Dash Out – jaywalking or against the light: 30 (41.7%)

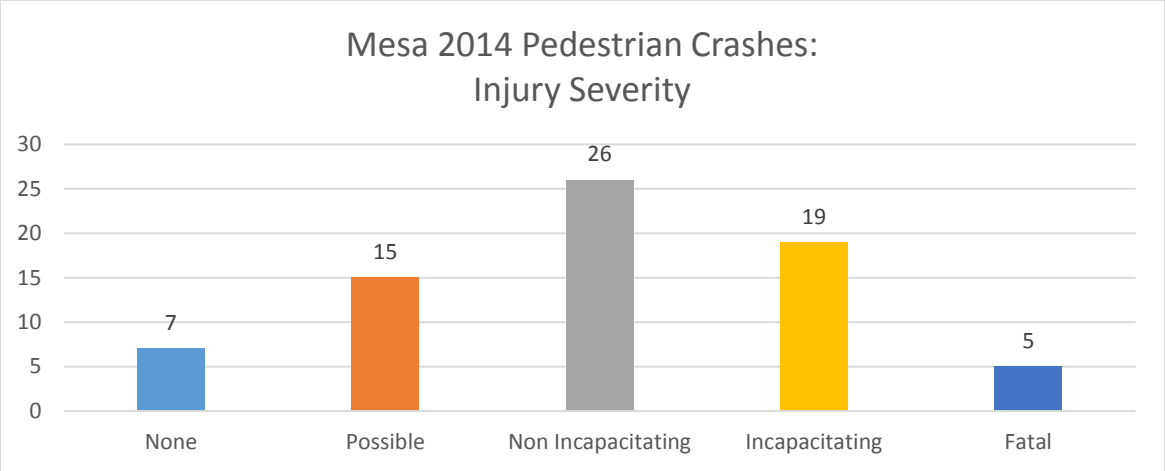


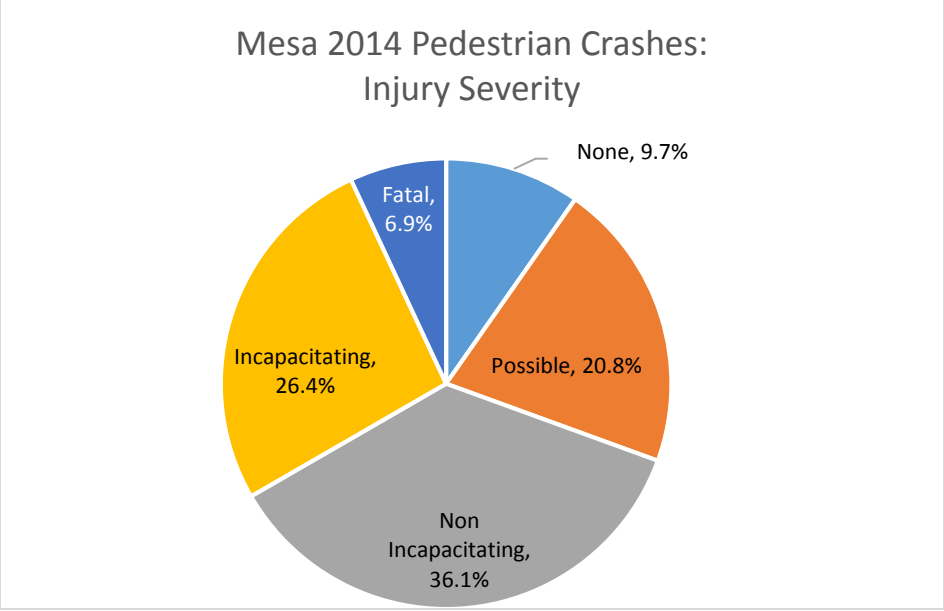
2. Motorist Left Turn – parallel pedestrian travel: 10 (13.9%)



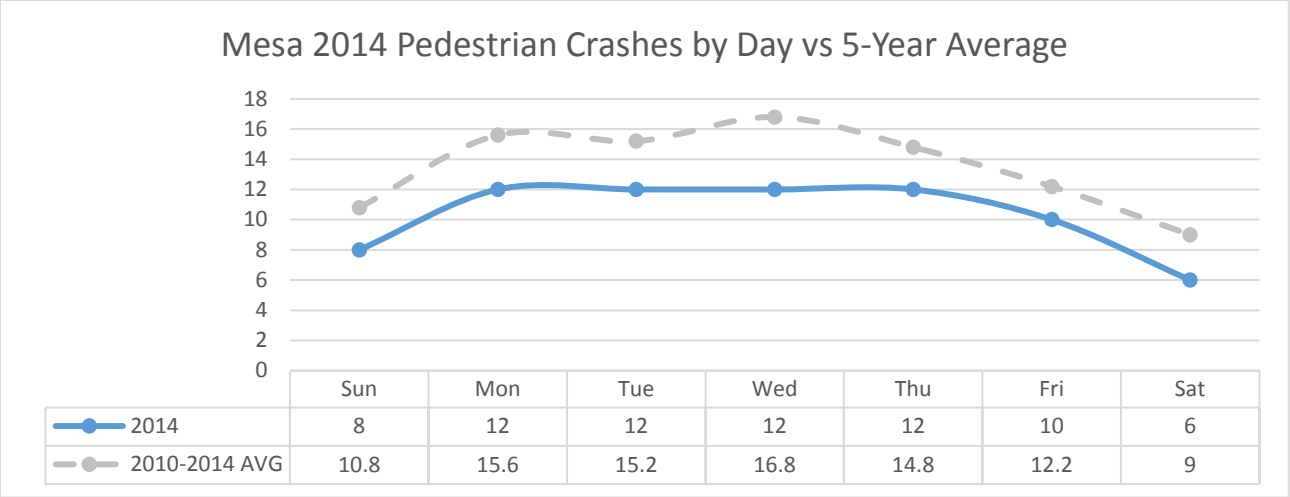
3. Motorist Right Turn – parallel pedestrian travel: 6 (8.3%)

[No Graphic]



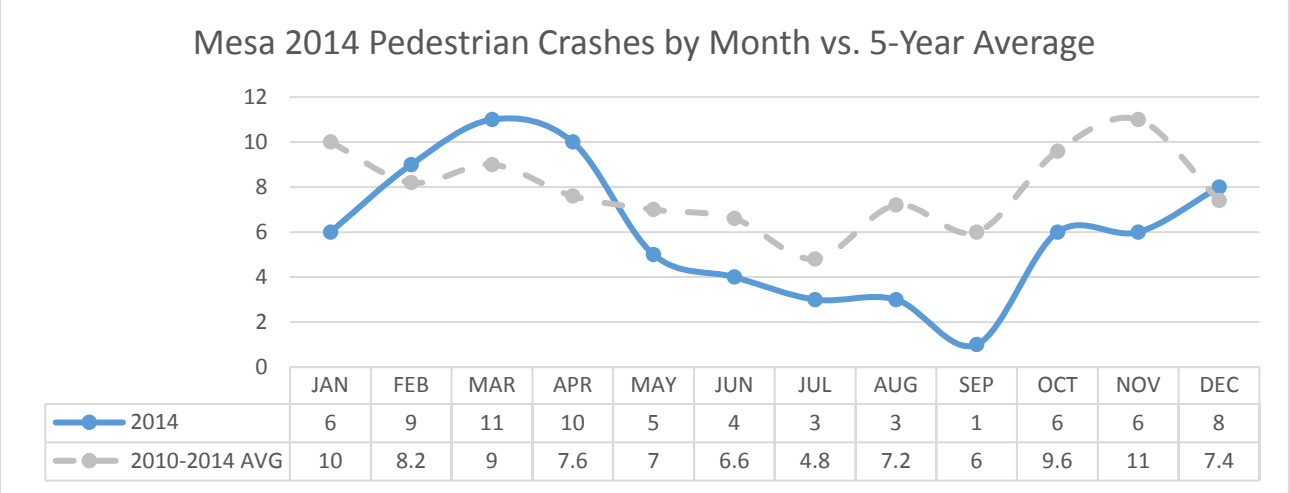


There were five fatal pedestrian crashes and 19 serious injuries in 2014, totaling 33.3% of all pedestrian crashes.



	Sun	Mon	Tue	Wed	Thu	Fri	Sat
2014	8	12	12	12	12	10	6
2010-2014 AVG	10.8	15.6	15.2	16.8	14.8	12.2	9

By day, pedestrian crashes in 2014 were below the 5-year trend.



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2014	6	9	11	10	5	4	3	3	1	6	6	8
2010-2014 AVG	10	8.2	9	7.6	7	6.6	4.8	7.2	6	9.6	11	7.4

There was a slight rise in pedestrian crashes in the months of February through April compared to a five-year average. In general, the number of pedestrian crashes for 2014 was below the average.

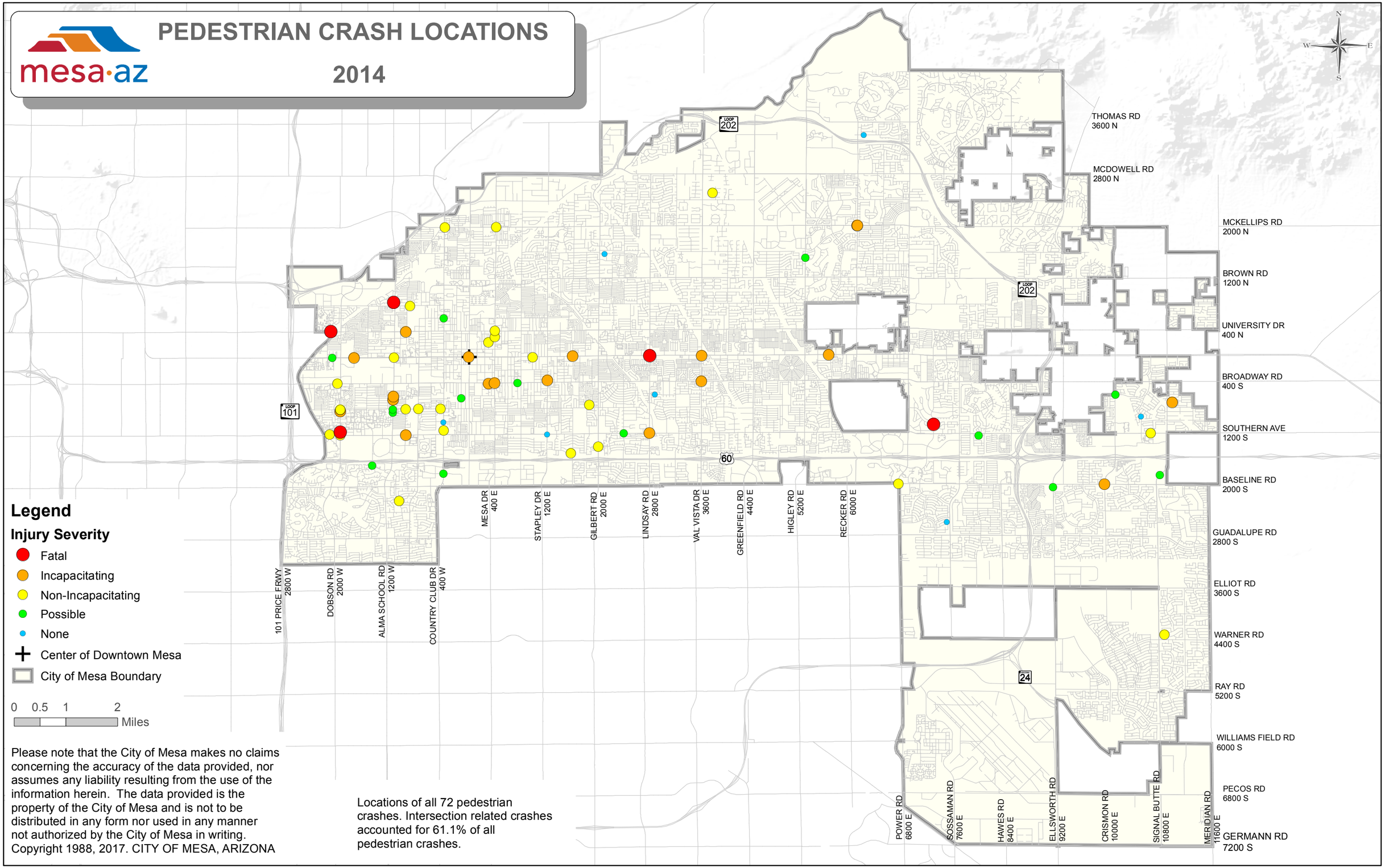
Mesa 2014 Pedestrian Crashes by Time and Day of Week									
		Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total
12:00:00 AM	1:00:00 AM	0	0	0	0	0	0	0	0
1:00:00 AM	2:00:00 AM	0	0	0	0	0	0	1	1
2:00:00 AM	3:00:00 AM	0	0	0	0	0	0	0	0
3:00:00 AM	4:00:00 AM	0	0	0	0	0	0	0	0
4:00:00 AM	5:00:00 AM	0	0	0	1	0	0	0	1
5:00:00 AM	6:00:00 AM	0	0	0	1	0	1	0	2
6:00:00 AM	7:00:00 AM	0	1	1	0	0	0	0	2
7:00:00 AM	8:00:00 AM	0	1	2	1	0	1	0	5
8:00:00 AM	9:00:00 AM	0	1	0	0	1	1	0	3
9:00:00 AM	10:00:00 AM	0	0	0	0	0	0	0	0
10:00:00 AM	11:00:00 AM	0	0	0	0	0	0	0	0
11:00:00 AM	12:00:00 PM	1	0	1	1	0	0	1	4
12:00:00 PM	1:00:00 PM	0	0	0	0	0	0	0	0
1:00:00 PM	2:00:00 PM	0	2	0	0	0	1	0	3
2:00:00 PM	3:00:00 PM	3	0	1	0	0	1	0	5
3:00:00 PM	4:00:00 PM	0	2	1	1	2	1	1	8
4:00:00 PM	5:00:00 PM	0	0	2	1	1	1	1	6
5:00:00 PM	6:00:00 PM	1	1	2	2	3	0	0	9
6:00:00 PM	7:00:00 PM	0	1	0	0	3	0	0	4
7:00:00 PM	8:00:00 PM	2	2	0	1	0	2	0	7
8:00:00 PM	9:00:00 PM	0	0	1	2	0	1	2	6
9:00:00 PM	10:00:00 PM	0	0	1	0	1	0	0	2
10:00:00 PM	11:00:00 PM	1	0	0	1	1	0	0	3
11:00:00 PM	12:00:00 AM	0	1	0	0	0	0	0	1
	Total	8	12	12	12	12	10	6	72

Mesa 5-Year Trend: Pedestrian Crashes by Time of Day										
		2010	2011	2012	2013	2014	5-Year Total	5-Year Percent	6- HR TOTAL	
12:00:00 AM	1:00:00 AM	1	1	1	0	0	3	0.6%	7pm-1am	115
1:00:00 AM	2:00:00 AM	1	0	0	0	1	2	0.4%	8pm-2am	79
2:00:00 AM	3:00:00 AM	0	1	1	1	0	3	0.6%	9pm-3am	57
3:00:00 AM	4:00:00 AM	1	0	0	0	0	1	0.2%	10pm-4am	34
4:00:00 AM	5:00:00 AM	1	0	0	1	1	3	0.6%	11pm-5am	18
5:00:00 AM	6:00:00 AM	1	0	0	1	2	4	0.8%	12am-6am	16
6:00:00 AM	7:00:00 AM	1	0	3	3	2	9	1.9%	1am-7am	22
7:00:00 AM	8:00:00 AM	5	7	7	6	5	30	6.4%	2am-8am	50
8:00:00 AM	9:00:00 AM	1	5	4	7	3	20	4.2%	3am-9am	67
9:00:00 AM	10:00:00 AM	2	5	5	7	0	19	4.0%	4am-10am	85
10:00:00 AM	11:00:00 AM	3	7	4	4	0	18	3.8%	5am-11am	100
11:00:00 AM	12:00:00 PM	5	2	8	3	4	22	4.7%	6am-12pm	118
12:00:00 PM	1:00:00 PM	2	4	6	6	0	18	3.8%	7am-1pm	127
1:00:00 PM	2:00:00 PM	2	5	7	5	3	22	4.7%	8am-2pm	119
2:00:00 PM	3:00:00 PM	3	3	9	4	5	24	5.1%	9am-3pm	123
3:00:00 PM	4:00:00 PM	4	11	7	6	8	36	7.6%	10am-4pm	140
4:00:00 PM	5:00:00 PM	8	11	9	7	6	41	8.7%	11am-5pm	163
5:00:00 PM	6:00:00 PM	11	6	11	8	9	45	9.5%	12pm-6pm	186
6:00:00 PM	7:00:00 PM	12	6	10	8	4	40	8.5%	1pm-7pm	208
7:00:00 PM	8:00:00 PM	9	6	4	12	7	38	8.1%	2pm-8pm	224
8:00:00 PM	9:00:00 PM	2	8	7	2	6	25	5.3%	3pm-9pm	225
9:00:00 PM	10:00:00 PM	1	4	11	6	2	24	5.1%	4pm-10pm	213
10:00:00 PM	11:00:00 PM	2	5	6	3	3	19	4.0%	5pm-11pm	191
11:00:00 PM	12:00:00 AM	1	1	0	3	1	6	1.3%	6pm-12am	152
	Total	79	98	120	103	72	472			

Most pedestrian crashes happened in the six-hour period between 3:00PM and 9:00PM. The highest concentration in 2014 was from 5:00PM to 6:00PM.

PEDESTRIAN CRASH LOCATIONS

2014



Legend

Injury Severity

- Fatal
- Incapacitating
- Non-Incapacitating
- Possible
- None
- Center of Downtown Mesa
- City of Mesa Boundary

0 0.5 1 2 Miles

Please note that the City of Mesa makes no claims concerning the accuracy of the data provided, nor assumes any liability resulting from the use of the information herein. The data provided is the property of the City of Mesa and is not to be distributed in any form nor used in any manner not authorized by the City of Mesa in writing.

Locations of all 72 pedestrian crashes. Intersection related crashes accounted for 61.1% of all pedestrian crashes.