

# KANSAS STRATEGIC HIGHWAY SAFETY PLAN

## 2014 Annual Dashboard Report

### **Preliminary Statewide Fatality Analysis**

The accident data herein, as of February 19, 2015, reflect the reporting officer's observations and opinions recorded on the [Kansas Motor Vehicle Accident Report](#).



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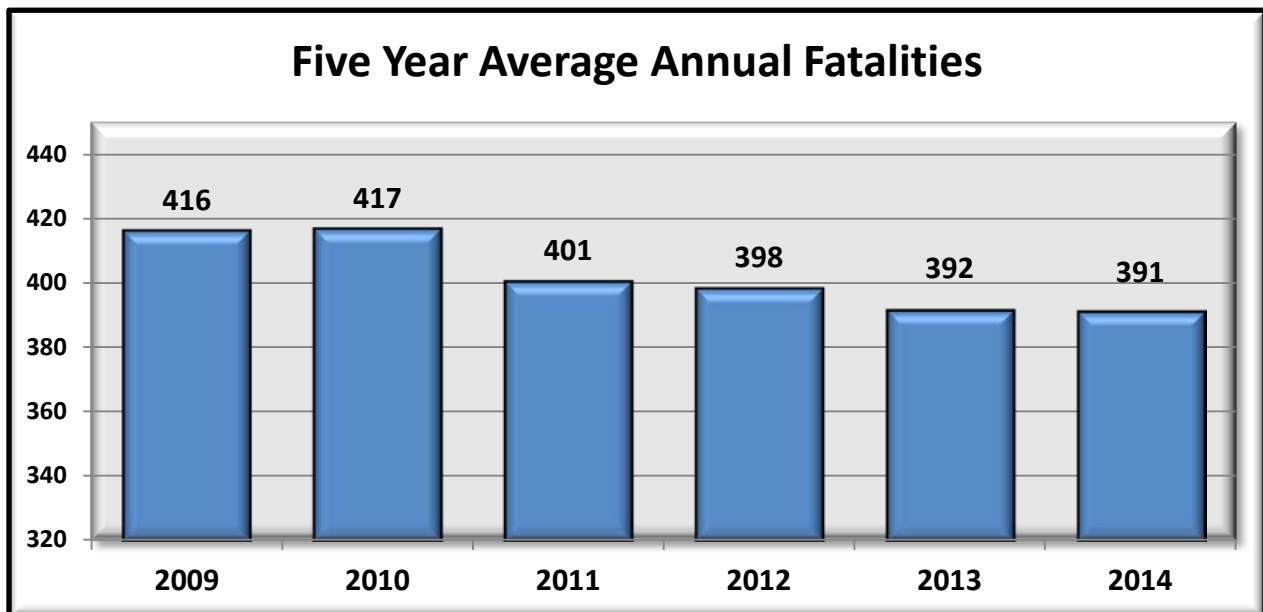
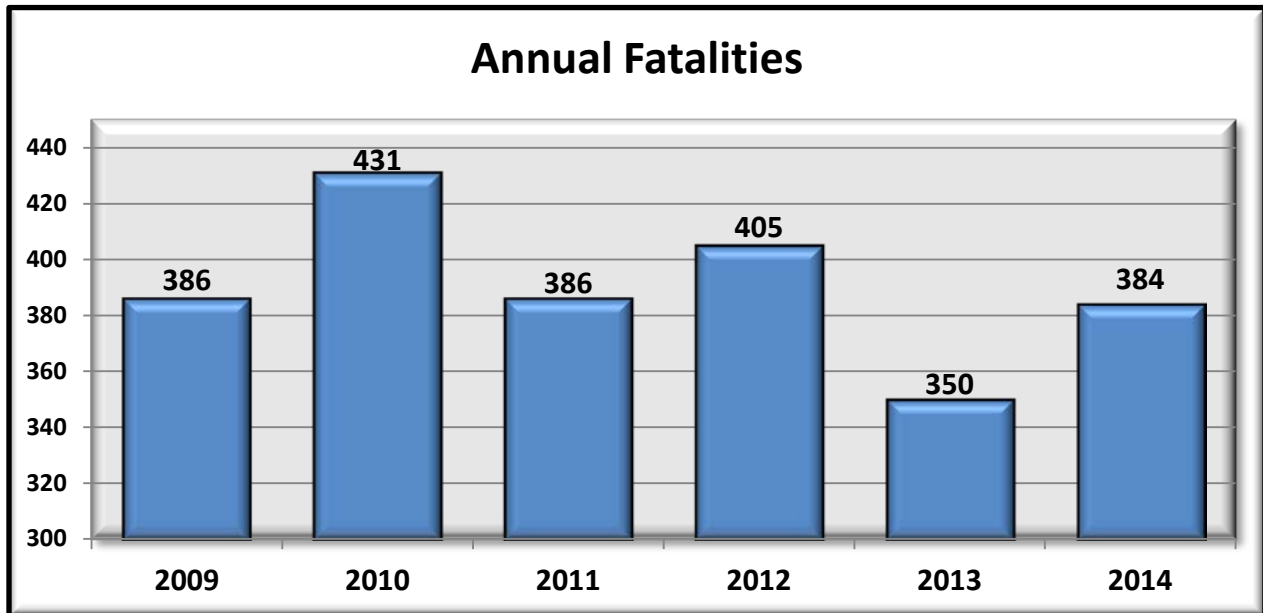
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### Other Fatality Data

### District Fatality Data

## Statewide Fatality Data

Kansas 2014* Annual Fatalities	2009-2013 Average Annual Fatalities	Percent Change
384	392	-2%



***\*2014 is preliminary***

## Dashboard Highlights

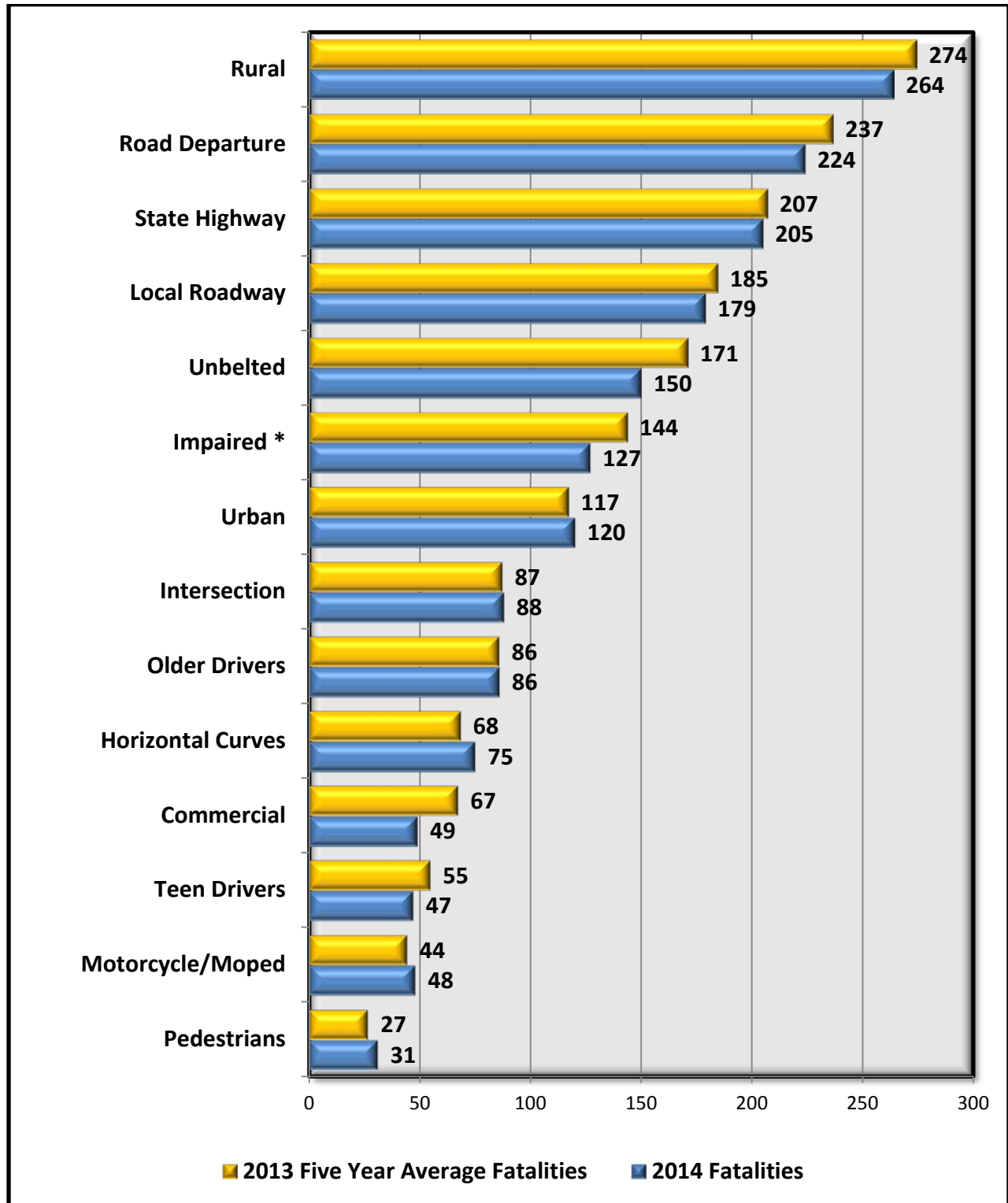
### Statewide

- 54% of 2014 fatalities were unbelted, down 9% from the five year average of 59%
- 2014 had the same number of unbelted fatalities as 2013 (150), even though 2014 had 34 more total fatalities. This was a 12% decline in unbelted fatalities from the 2009-2013 five year average of 171.
- Fatalities involving a large commercial vehicle declined 27% in 2014 to 49 from the 2009-2013 five year average of 67
- Pedestrian fatalities were up 17% in 2014 to 31 from the 2009-2013 five year average of 27
- Fatalities involving a teen driver were down 14% in 2014 to 47 from the 2009-2013 five year average of 55

### District

- District 2 fatalities involving older drivers increased 85% to 20 compared to the 2009-2013 five year average of 11, which accounted for 51% of District 2 total 2014 fatalities (39)
- Unbelted fatalities fell 35% in District 3 to 43% (9 of 21) from the 2009-2013 five year average of 66%
- Motorcycle/Moped fatalities accounted for 21% of District 1 overall fatalities and increased 42% to 25 from the 2009-2013 five year average of 18
- Large commercial vehicle fatalities in District 6 were down 84% to 2 from the 2009-2013 five year average of 12
- District 1 fatalities on horizontal curves rose 40% to 34 from the 2009-2013 five year average of 24
- District 5 fatalities on state highways fell 14% to 43 from the 2009-2013 five year average of 50

## Annual Fatalities by Category



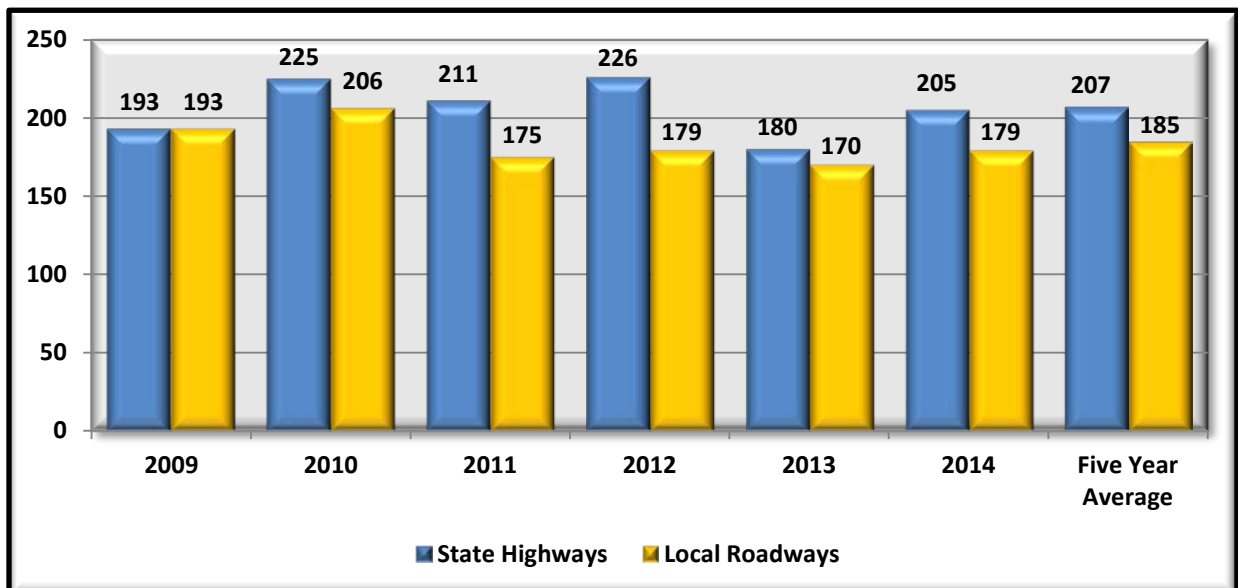
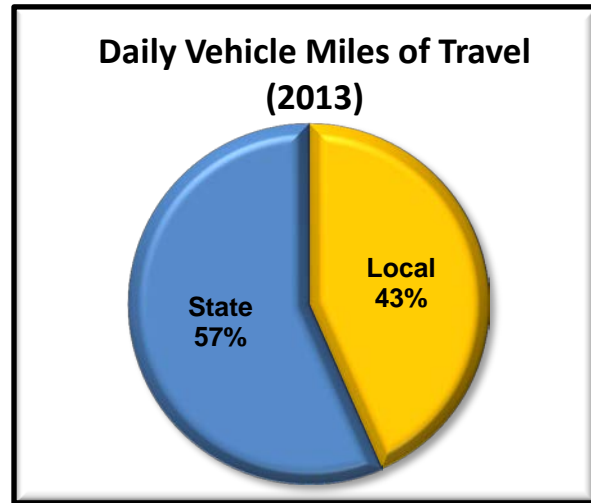
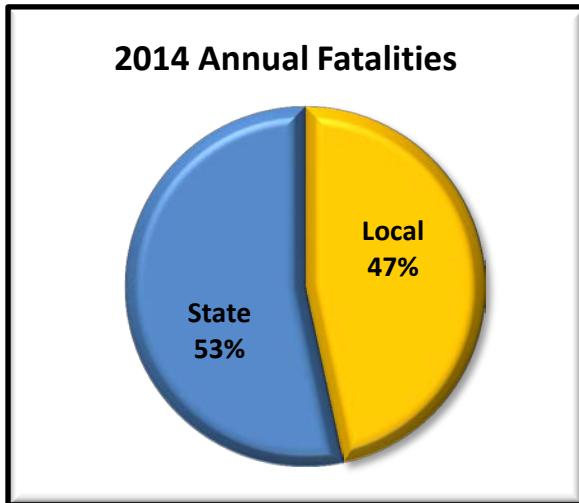
*\*2014 Impaired driving numbers still pending*

## Local Roadways

2014 Annual Local Fatalities	5 Year (2009-2013) Fatality Average	Percent Change
179	185	-3%

## State Highway System

2014 Annual State Fatalities	5 Year (2009-2013) Fatality Average	Percent Change
205	207	-1%



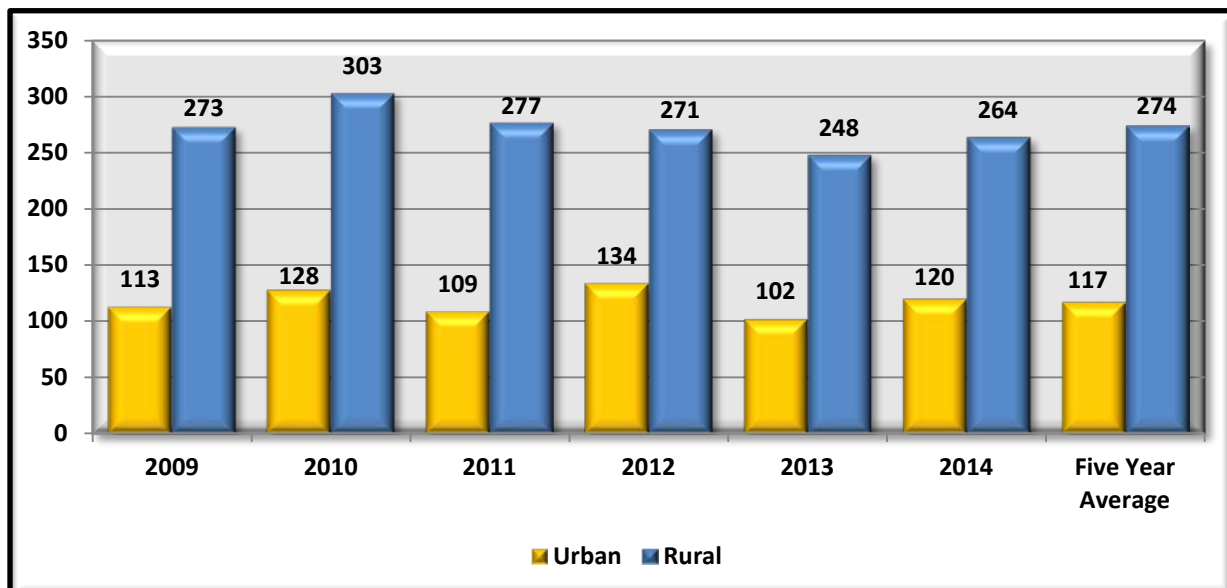
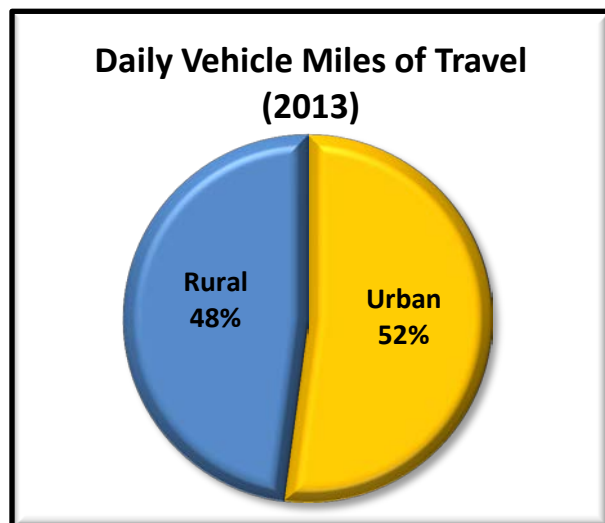
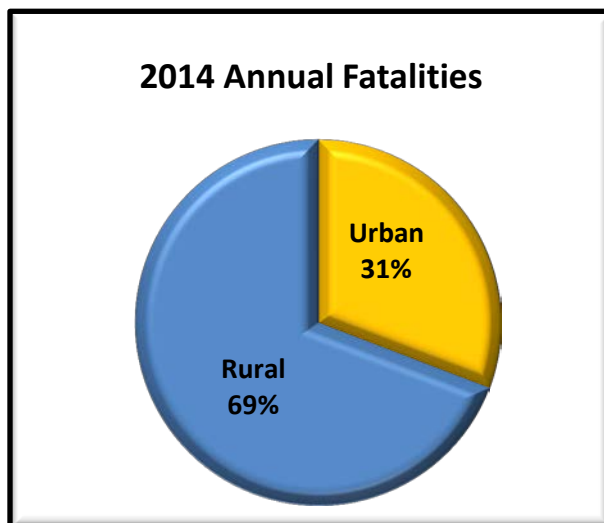
## Urban Roadways

2014 Annual Urban Fatalities	5 Year (2009-2013) Fatality Average	Percent Change
120	117	2%

\*Urban = city over 5,000 with UAB

## Rural Roadways

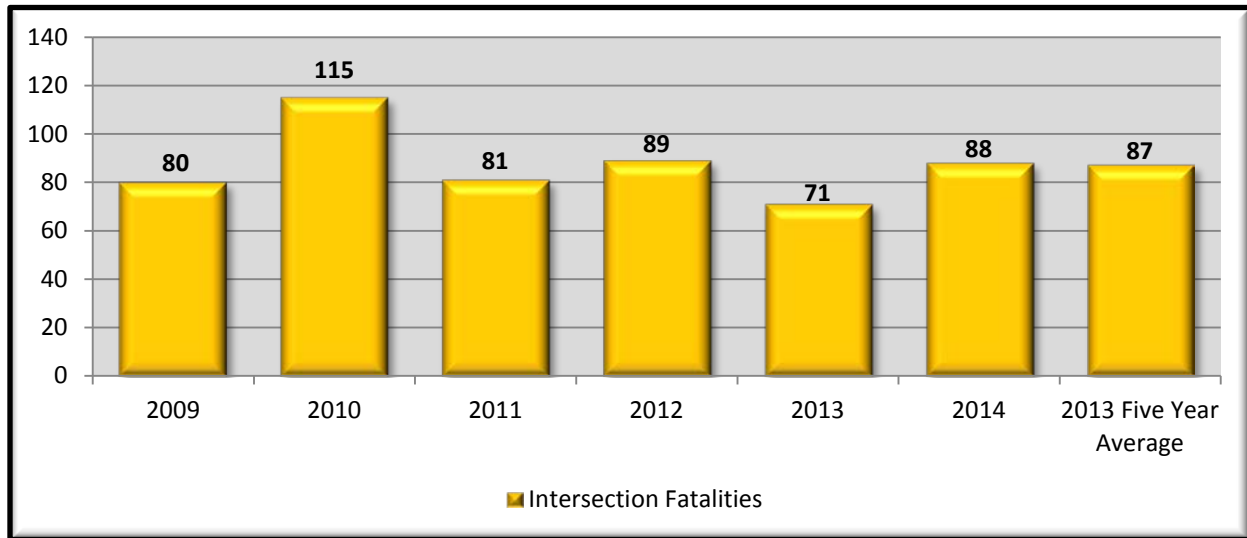
2014 Annual Rural Fatalities	5 Year (2009-2013) Fatality Average	Percent Change
264	274	-4%



## Intersections

2014 Annual Intersection Fatalities	5 Year (2009-2013) Fatality Average	Percent Change
88	87	1%

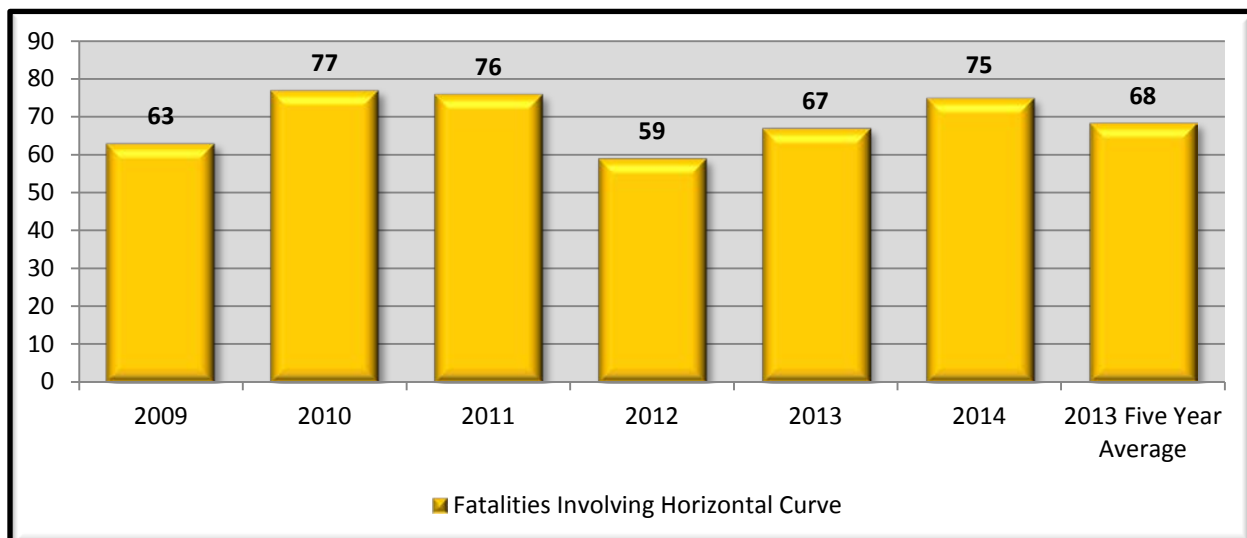
\*Includes accident locations intersection and intersection-related



## Horizontal Curves

2014 Annual Fatalities Involving Curves	5 Year (2009-2013) Fatality Average	Percent Change
75	68	10%

\*Includes the following On Road Character: curved and level, curved on grade/slope, and curved on hillcrest.

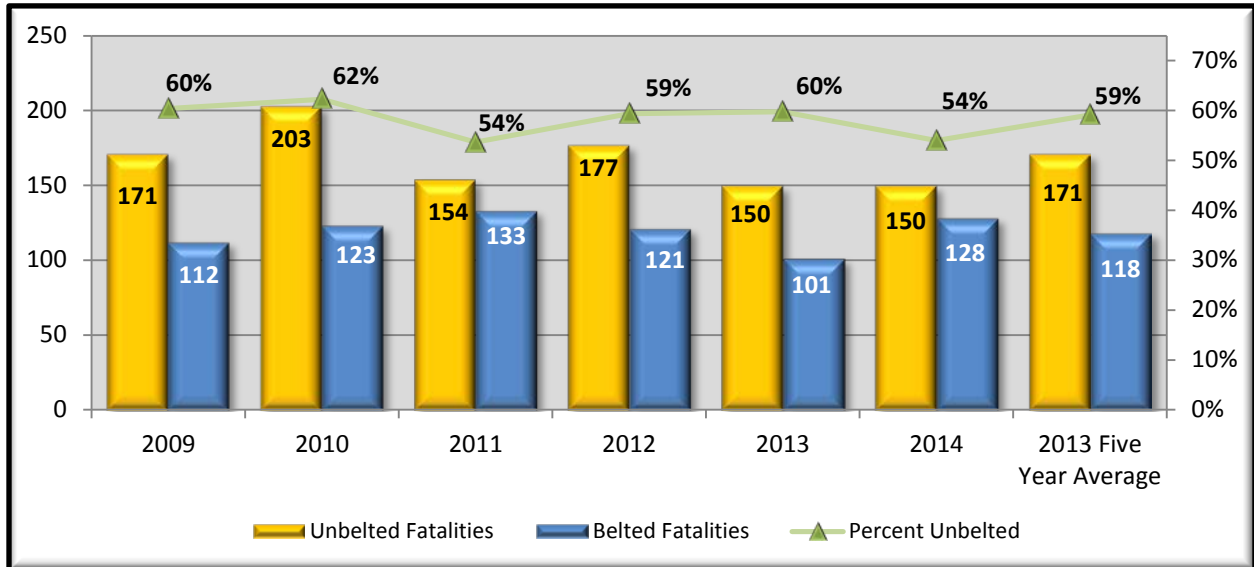




## Occupant Protection

2014 Annual % Unbelted Fatalities	5 Year (2009-2013) Average % Unbelted	Percent Difference
54%	59%	-9%

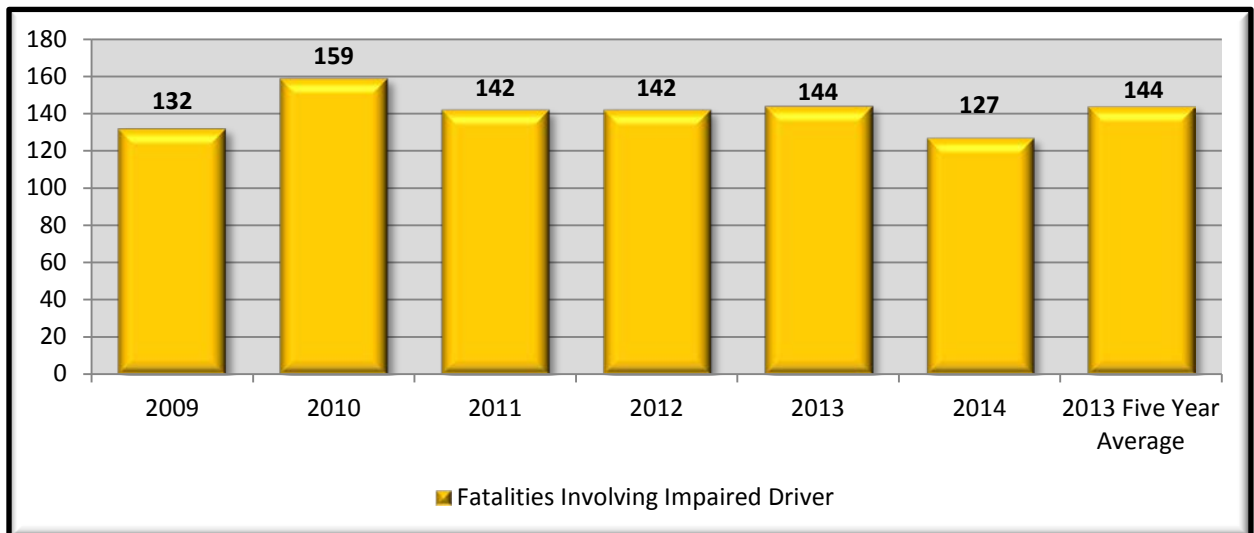
\*Excludes Unknown Usage, ATV, Motorcycle, RV, Farm Equipment, and Pedestrian



## Impaired Driver

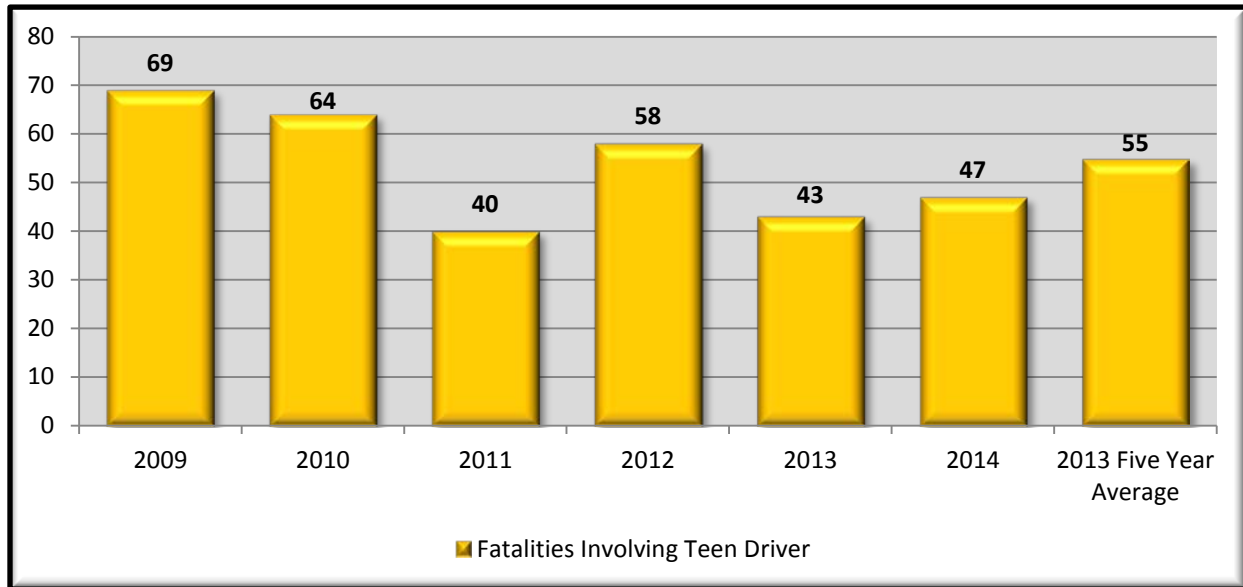
2014 Annual Fatalities Involving Impairment	5 Year (2009-2013) Fatality Average	Percent Change
127*	144	-12%*

\*Note: This does not include the 2014 fatalities that are still awaiting or have pending toxicology results



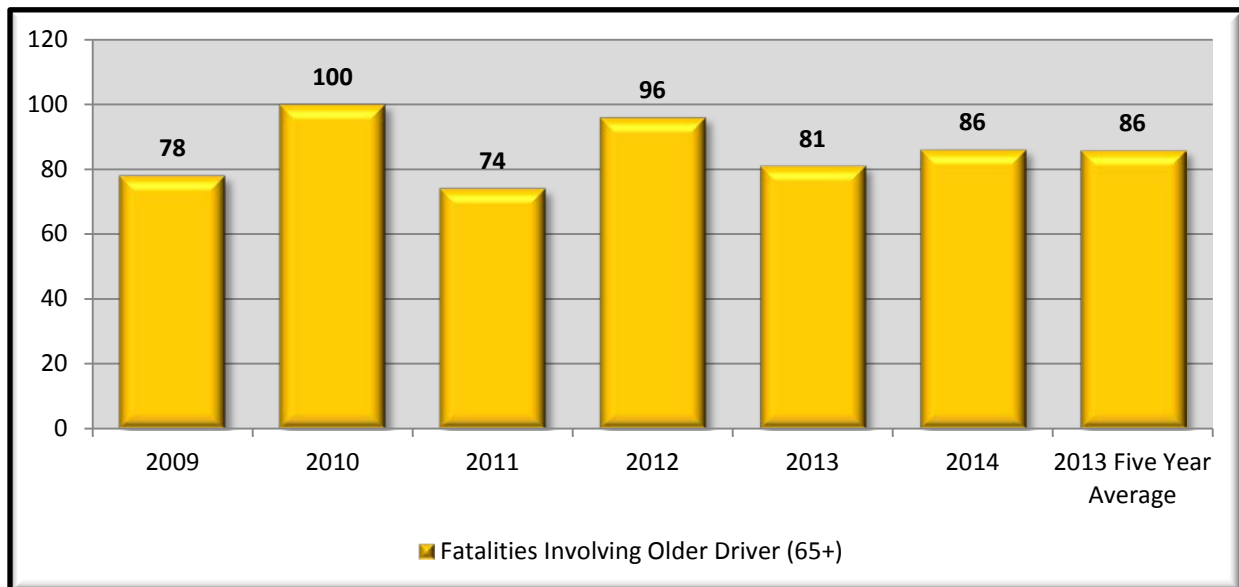
## Teen Drivers (Age 14-19)

2014 Annual Fatalities Involving Teen Driver	5 Year (2009-2013) Fatality Average	Percent Change
47	55	-14%



## Older Drivers (Age 65+)

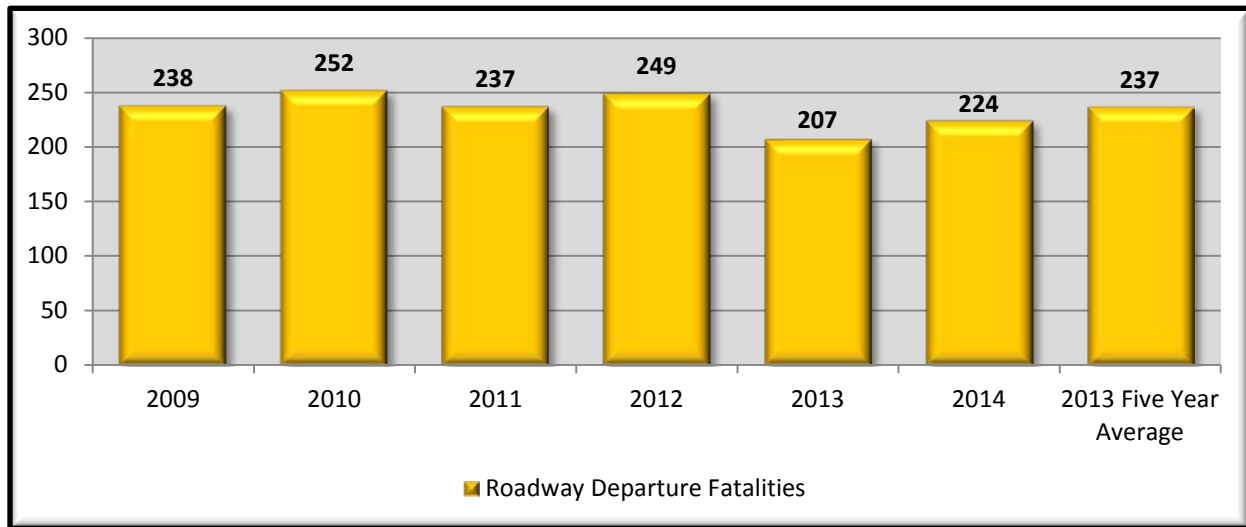
2014 Annual Fatalities Involving Older Driver	5 Year (2009-2013) Fatality Average	Percent Change
86	86	0%



## Roadway Departure

2014 Annual Roadway Departure Fatalities	5 Year (2009-2013) Fatality Average	Percent Change
224	237	-5%

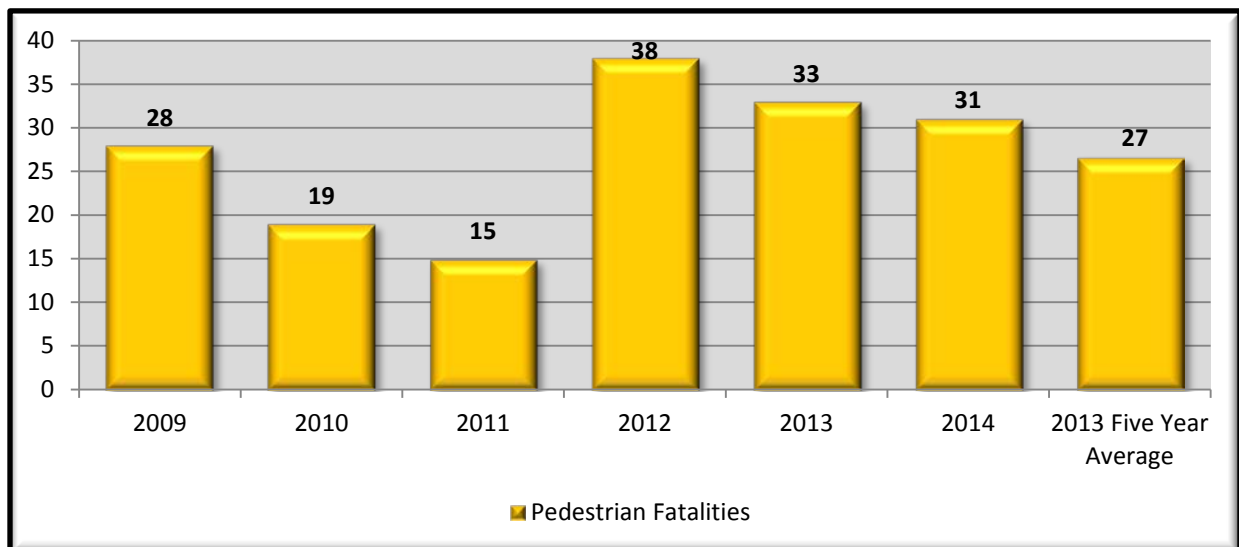
\* This includes the following crash types: head-on crash with another vehicle, side-swipe crash with opposing vehicle, side-swipe crash with vehicle in the same direction, overturned, and fixed object. Crash locations include non-intersection, interchange area, shoulder, roadside, and median.



## Pedestrians

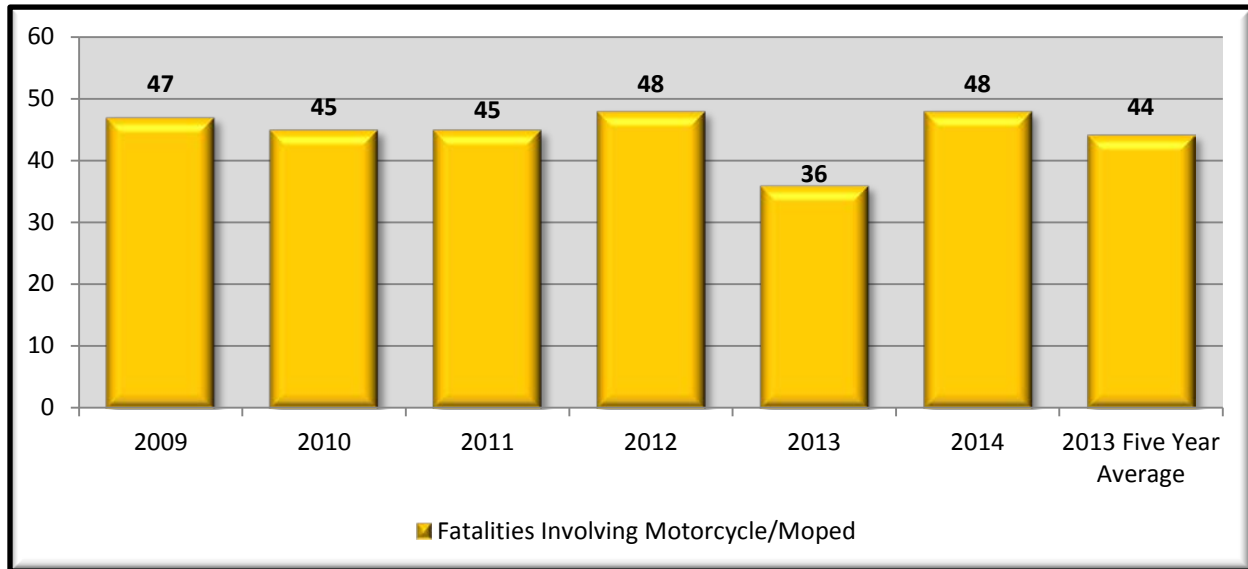
2014 Annual Pedestrian Fatalities	5 Year (2009-2013) Fatality Average	Percent Change
31	27	17%

\*This includes all people who were not occupants of a motor vehicle at the time of the crash.



## Motorcycles and Mopeds

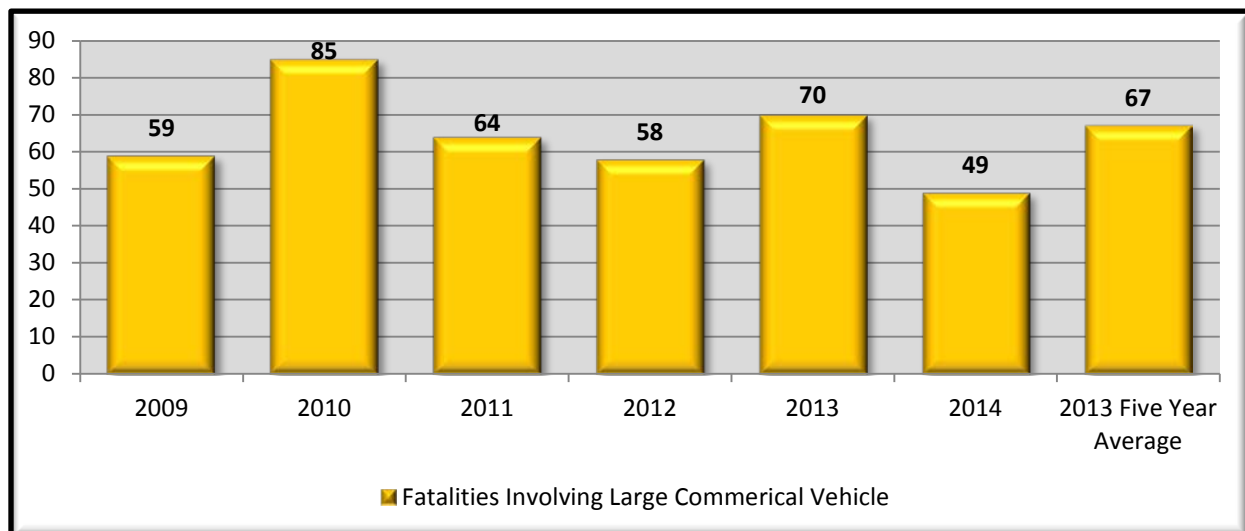
2014 Annual Fatalities Involving Motorcycle/Moped	5 Year (2009-2013) Fatality Average	Percent Change
48	44	9%



## Large Commercial Vehicles

2014 Annual Fatalities Large Comm. Vehicles	5 Year (2009-2013) Fatality Average	Percent Change
49	67	-27%

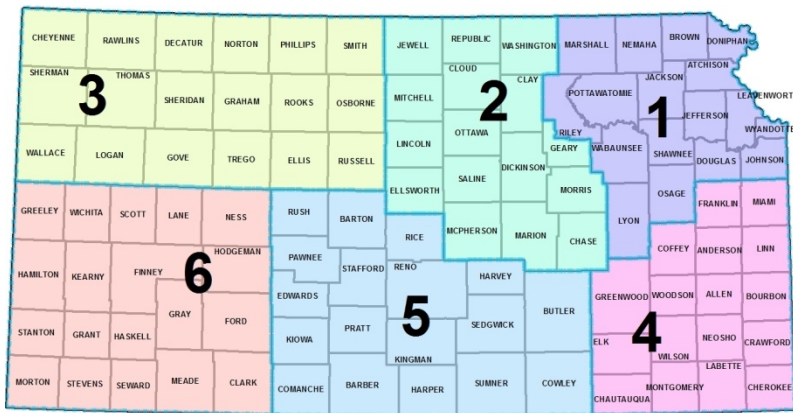
\*Large commercial vehicles include vehicle body types: single large truck, truck and trailer(s), and tractor-trailer(s)



## **Additional 2014 Annual Fatality Data**

### **Of the 384 reported fatalities in 2014:**

- 154 (40%) fatalities occurred at night (dark light condition)
- 123 (32%) fatalities involved a vehicle rollover/overturning
- 118 (31%) fatalities involved a collision with a fixed object
- 101 (26%) fatalities reported distracted driving
- 90 (23%) fatalities involved speeding or driving too fast for conditions
- 47 (12%) fatalities occurred during adverse weather conditions
- 29 (8%) fatalities occurred at an interchange or on an interchange ramp
- 16 (4%) fatalities involved a driver seriously fatigued or a driver who fell asleep
- 12 (3%) fatalities involved a driver who fell ill or had a medical condition
- 9 (2%) fatalities occurred on the shoulder of the roadway
- 7 (2%) fatality occurred in a construction or maintenance zone
- 3 (1%) fatalities involved a collision with an animal
- 3 (1%) fatalities occurred in the median of the roadway
- 1 (<1%) fatality involved a collision with a train



## 2014 Annual Kansas District Data

District	Region	Population	% of Total Kansas Population	2014 % of Total State Fatalities**
1	North East	1,304,164	46%	30%
2	North Central	214,401	8%	10%
3	North West	96,833	3%	7%
4	South East	273,967	10%	16%
5	South Central	812,247	28%	26%
6	South West	151,506	5%	11%

\* 2010 Census Data: <http://www.census.gov/popfinder/>

District	2014 Annual Fatalities	Annual 5 Year Average	Percent Change From Five Year Average
1	117	115	2%
2	39	40	-3%
3	26	29	-10%
4	60	54	10%
5	101	113	-11%
6	41	40	3%

District	2014 Annual Fatality Rate (per 10,000 persons)	Annual 5 Year Average Fatality Rate (per 10,000 persons)
1	0.90	0.88
2	1.82	1.88
3	2.69	2.97
4	2.19	1.99
5	1.24	1.39
6	2.71	2.63

\*\*Out of the 384 reported fatalities (roundest to the nearest whole percent)

		Local Roadways			
District	2014 Annual Fatalities	2014	2014 % of all District Fatalities	5 Year Average	Percent Change From Five Year Average
1	117	54	46%	52	3%
2	39	15	38%	17	-13%
3	26	8	31%	12	-34%
4	60	24	40%	22	11%
5	101	58	57%	63	-8%
6	41	20	49%	19	8%
<b>Statewide</b>	<b>384</b>	<b>179</b>	<b>47%</b>	<b>185</b>	<b>-3%</b>

		State Highways			
District	2014 Annual Fatalities	2014	2014 % of all District Fatalities	5 Year Average	Percent Change From Five Year Average
1	117	63	54%	63	0%
2	39	24	62%	23	3%
3	26	18	69%	17	8%
4	60	36	60%	33	10%
5	101	43	43%	50	-14%
6	41	21	51%	21	-1%
<b>Statewide</b>	<b>384</b>	<b>205</b>	<b>53%</b>	<b>207</b>	<b>-1%</b>

		Urban			
District	2014 Annual Fatalities	2014	2014 % of all District Fatalities	5 Year Average	Percent Change From Five Year Average
1	117	58	50%	58	-1%
2	39	6	15%	4	58%
3	26	1	4%	2	-44%
4	60	3	5%	4	-25%
5	101	46	46%	44	6%
6	41	6	15%	6	7%
<b>Statewide</b>	<b>384</b>	<b>120</b>	<b>31%</b>	<b>117</b>	<b>2%</b>

		Rural			
District	2014 Annual Fatalities	2014	2014 % of all District Fatalities	5 Year Average	Percent Change From Five Year Average
1	117	59	50%	57	4%
2	39	33	85%	37	-10%
3	26	25	96%	27	-7%
4	60	57	95%	50	13%
5	101	55	54%	69	-21%
6	41	35	85%	34	2%
<b>Statewide</b>	<b>384</b>	<b>264</b>	<b>69%</b>	<b>274</b>	<b>-4%</b>

		Unbelted			
District	2014 Annual Qualifying Fatalities	2014	2014 % of all District Fatalities	5 Year Average % Unbelted	Percent Change From Five Year Average
1	69	37	54%	59%	-8%
2	34	18	53%	59%	-10%
3	21	9	43%	66%	-35%
4	47	24	51%	57%	-11%
5	75	40	53%	54%	-1%
6	32	22	69%	72%	-4%
<b>Statewide</b>	<b>278</b>	<b>150</b>	<b>54%</b>	<b>59%</b>	<b>-9%</b>

\*Excludes Unknown Usage, ATV, Motorcycle, Bus, Moped, RV, Farm Equipment, and Pedestrian

		Roadway Departure			
District	2014 Annual Fatalities	2014	2014 % of all District Fatalities	5 Year Average	Percent Change From Five Year Average
1	117	70	60%	69	1%
2	39	24	62%	26	-9%
3	26	15	58%	22	-31%
4	60	38	63%	34	12%
5	101	50	50%	60	-17%
6	41	27	66%	25	8%
<b>Statewide</b>	<b>384</b>	<b>224</b>	<b>58%</b>	<b>237</b>	<b>-5%</b>

		Intersections			
District	2014 Annual Fatalities	2014	2014 % of all District Fatalities	5 Year Average	Percent Change From Five Year Average
1	117	25	21%	25	-1%
2	39	11	28%	8	34%
3	26	3	12%	2	25%
4	60	13	22%	12	12%
5	101	30	30%	31	-3%
6	41	6	15%	9	-33%
<b>Statewide</b>	<b>384</b>	<b>88</b>	<b>23%</b>	<b>87</b>	<b>1%</b>

		Impaired (*2014 subject to change)			
District	2014 Annual Fatalities	2014*	2014 % of all District Fatalities	5 Year Average	Percent Change From Five Year Average
1	117	45	38%	44	3%
2	39	9	23%	13	-29%
3	26	7	27%	13	-45%
4	60	17	28%	21	-18%
5	101	34	34%	40	-14%
6	41	15	37%	14	4%
<b>Statewide</b>	<b>384</b>	<b>127</b>	<b>33%</b>	<b>144</b>	<b>-12%</b>



		Teen Drivers			
District	2014 Annual Fatalities	2014	2014 % of all District Fatalities	5 Year Average	Percent Change From Five Year Average
1	117	19	16%	18	8%
2	39	5	13%	7	-29%
3	26	4	15%	4	-9%
4	60	6	10%	6	7%
5	101	11	11%	14	-20%
6	41	2	5%	6	-69%
<b>Statewide</b>	<b>384</b>	<b>47</b>	<b>12%</b>	<b>55</b>	<b>-14%</b>

		Older Drivers			
District	2014 Annual Fatalities	2014	2014 % of all District Fatalities	5 Year Average	Percent Change From Five Year Average
1	117	21	18%	25	-17%
2	39	20	51%	11	85%
3	26	5	19%	5	4%
4	60	12	20%	12	-2%
5	101	22	22%	26	-14%
6	41	6	15%	7	-14%
<b>Statewide</b>	<b>384</b>	<b>86</b>	<b>22%</b>	<b>86</b>	<b>0%</b>

		Large Commercial Vehicles			
District	2014 Annual Fatalities	2014	2014 % of all District Fatalities	5 Year Average	Percent Change From Five Year Average
1	117	9	8%	11	-17%
2	39	8	21%	5	48%
3	26	7	27%	6	9%
4	60	10	17%	11	-9%
5	101	13	13%	21	-39%
6	41	2	5%	12	-84%
<b>Statewide</b>	<b>384</b>	<b>49</b>	<b>13%</b>	<b>67</b>	<b>-27%</b>

		Motorcycles/Mopeds			
District	2014 Annual Fatalities	2014	2014 % of all District Fatalities	5 Year Average	Percent Change From Five Year Average
1	117	25	21%	18	42%
2	39	2	5%	4	-44%
3	26	1	4%	2	-58%
4	60	5	8%	4	32%
5	101	10	10%	15	-32%
6	41	5	12%	2	127%
<b>Statewide</b>	<b>384</b>	<b>48</b>	<b>13%</b>	<b>44</b>	<b>9%</b>

		Horizontal Curves			
District	2014 Annual Fatalities	2014	2014 % of all District Fatalities	5 Year Average	Percent Change From Five Year Average
1	117	34	29%	24	40%
2	39	5	13%	8	-36%
3	26	5	19%	7	-26%
4	60	13	22%	9	48%
5	101	13	13%	13	-3%
6	41	5	12%	7	-32%
<b>Statewide</b>	<b>384</b>	<b>75</b>	<b>20%</b>	<b>68</b>	<b>10%</b>

		Pedestrians			
District	2014 Annual Fatalities	2014	2014 % of all District Fatalities	5 Year Average	Percent Change From Five Year Average
1	117	11	9%	10	12%
2	39	2	5%	2	0%
3	26	2	8%	1	67%
4	60	2	3%	2	11%
5	101	10	10%	9	11%
6	41	4	10%	3	43%
<b>Statewide</b>	<b>384</b>	<b>31</b>	<b>8%</b>	<b>27</b>	<b>17%</b>