

University of Central Oklahoma  
Oklahoma Highway Safety Office

# 2015 Motorcycle Helmet Survey



Submitted by:  
Robert D. Delano, Ph.D.  
University of Central Oklahoma  
405-974-5800

## Motorcycle Helmet Usage Survey

The University of Central Oklahoma, College of Education and Professional Studies, Department of Adult Education and Safety Sciences, Industrial Safety Program conducted a 2015 survey of the use of motorcycle helmets for the Oklahoma Highway Safety Office (OHSO). This is the 5<sup>th</sup> year statistics have been gathered for reporting purposes. Observations were conducted at specific sites located within the Guthrie, Edmond and Oklahoma City area.

One field observer was assigned to each of eight specific locations for a single four (4) hour period. Each field observer recorded whether a motorcycle rider was, or was not, wearing a helmet while operating a motorcycle on the designed public road/highway in each location identified in Appendix A. Where applicable, passengers were also identified as to whether they were or were not wearing a helmet.

Appendix B identifies the total number of observations (858) made at each of the 8 locations. Of the 858 motorcycles recorded:

### Driver helmet usage

- 396 drivers (0.46%) wore a helmet
- 462 drivers (0.54%) did not wear a helmet

### Passenger helmet usage (246 passengers)

- 104 passengers (0.42%) wore a helmet
- 142 passengers (0.58%) did not wear a helmet

Appendix B and C shows motorcycle use by location using non-weighted percentages.

In conclusion, the sample data (N=858) are not significant. For future surveys a larger sample size will be required to determine meaningful and accurate results.

## Appendix A – Observation Locations

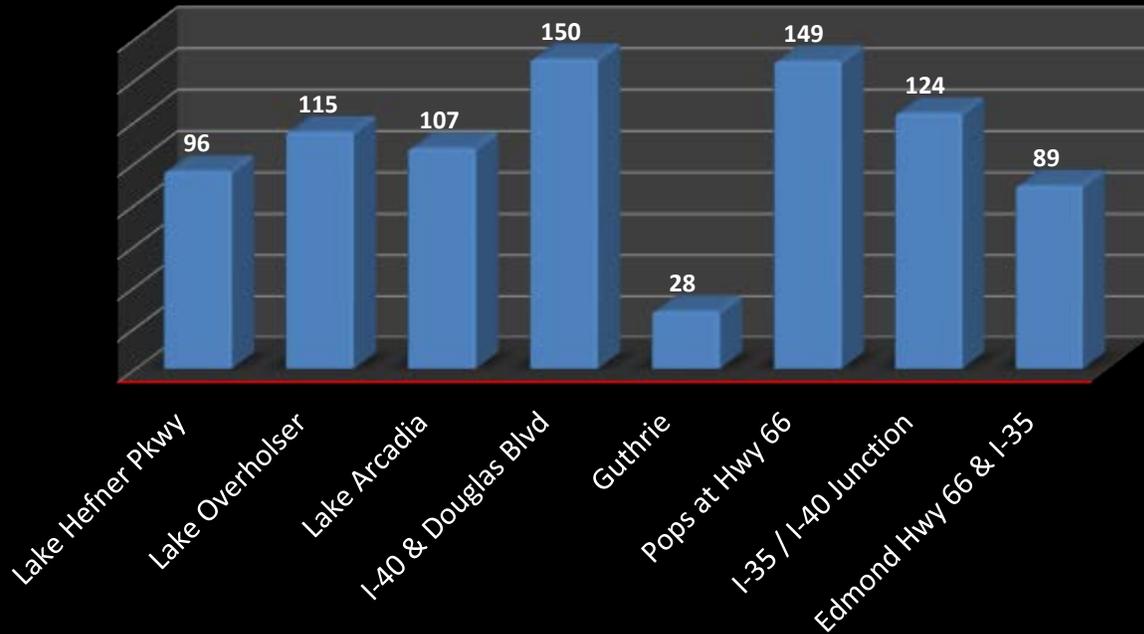
Observer	Location
1	Lake Hefner Pkwy
2	Lake Overholser
3	Lake Arcadia
4	I-40 and Douglas Blvd near Tinker
5	Guthrie (I-35 and Hwy 33)
6	Pops at Hwy 66 (9 miles East of I-35)
7	Oklahoma I-35/I-40 Junction
8	Edmond Hwy 66 and I-35 Junction

## Appendix B – Motorcycle Use by Location

Team #	Name	Location	# of Motorcycles	Driver		Passenger	
				# w/Helmet	# w/o Helmet	# w/Helmet	# w/o Helmet
1	Don Weston	Lake Hefner Pkwy	96	51	45	12	9
2	Mike Lopez	Lake Overholser	115	41	74	14	25
3	Wayne Hlinicky	Lake Arcadia	107	49	58	15	23
4	Heidi Bruce	I-40 & Douglas Blvd	150	66	84	17	20
5	Tom Arrington	Guthrie	28	14	14	1	5
6	Mike Lopez	Pops at Hwy 66	149	57	92	17	34
7	Don Weston	I-35 / I-40 Junction	124	69	55	15	13
8	Wayne Hlinicky	Edmond Hwy 66 & I-35	89	49	40	13	13
			<b>858</b>	<b>396</b>	<b>462</b>	<b>104</b>	<b>142</b>

## Appendix C – Usage Chart

### 2015 Motorcycle Helmet Survey Total # of Observations



### 2015 Motorcycle Helmet Survey # of Drivers With and Without Helmet

