

Oklahoma Highway Safety Fact Sheet



Motorcycles in 2002 Crashes

April 30, 2004

Motorcycles in 2002 Crashes

Crashes, Fatalities, & Injuries

In Oklahoma in 2002, there were 978 reported crashes involving motorcycles. This is 1.3% of the total crashes.

These crashes resulted in 39 motorcyclist fatalities, 5.3% of the total fatalities. There were 915 motorcyclists injured, 2.0% of the total injured.

Registration & License Endorsement

In 2002, there were 66,101 registered motorcycles according to the Oklahoma Tax Commission.

There were 2,347,351 licensed drivers and 147,419 (6.3%) of these drivers had a motorcycle endorsement on their license.

Fatalities & Helmets

Of the 39 motorcyclist fatalities, 36 were drivers and three were passengers. Some 69.2% of these fatalities were not wearing helmets.

Driver Age & Gender

There were 1,000 motorcycle drivers and 105 motorcycle passengers for a total of 1,105 motorcyclists. Of the 1,000 drivers, 16.7% were age 21-25, 13.6% were 41-45, and 10.8% were 36-40. Of the 1,000 motorcycle drivers, 94.5% were male.

Alcohol/Drug Driver Condition

Some 9.2% of the 1,000 motorcycle drivers had an Alcohol/Drug-related driver condition. Some 98.9% of the drivers with an Alcohol/Drug Driver Condition were male.

Causes

The four primary causes of motorcycle crashes in 2002 were: Unsafe Speed (22.1%), Failed To Yield (11.8%), Improper Turn (11.8%), and Inattention (11.0%).

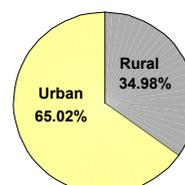
Rural crashes involving motorcycles were primarily caused by Unsafe Speed (40.4%), Unknown/No Improper Action (11.2%), and DUI-Alcohol (9.7%).

Urban crashes involving motorcycles were primarily caused by Improper Turn (14.9%), Failed To Yield (14.3%), Inattention (13.2%), and Unsafe Speed (13.2%).

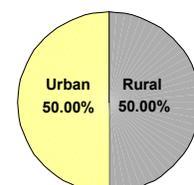
Rural vs. Urban

More than half of the crashes involving a motorcycle were in urban areas. However, fatal crashes involving a motorcycle occurred as often in rural areas as they did in urban areas.

2002 Motorcycle Crashes
Rural vs. Urban

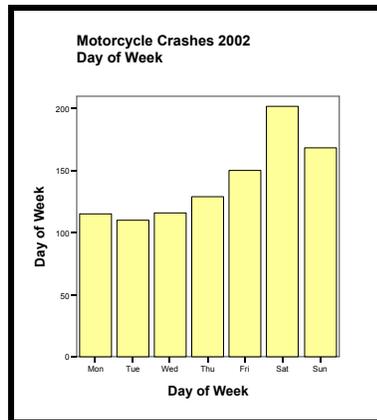
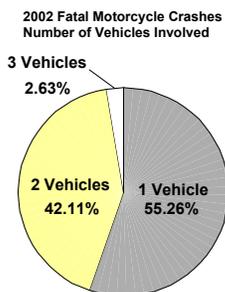
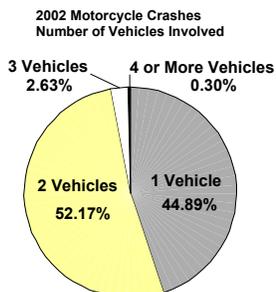


2002 Fatal Motorcycle Crashes
Rural vs. Urban



Vehicles Involved

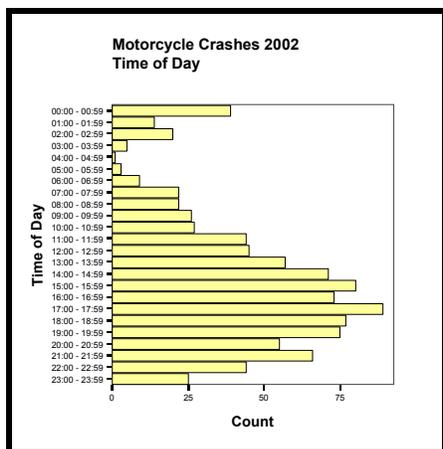
In 52.2% of the crashes involving motorcycles, two vehicles were involved. However, in fatal crashes, 55.3% of the crashes involved only one vehicle.



Saturday had the highest incidence of crashes involving motorcycles with 20.3% of the total motorcycle crashes.

Time & Day

Motorcycle involved crashes occurred primarily in the afternoon and evening hours.



Highway Class

Crashes involving motorcycles primarily occurred on city streets (48.9%), county roads (11.5%), and rural state highways (10.0%).

Fatal crashes involving motorcycles primarily occurred on city streets (39.5%), rural state highways (23.7%), and county roads (13.2%).

Other Facts

- 52.9% of the crashes involving a motorcycle occurred at a non-intersection.
- 67.0% of the crashes involving a motorcycle occurred in daylight and 23.4% occurred in darkness.
- 51.9% of the motorcycle crashes occurred in clear weather and 45.9% occurred in cloudy weather.
- 43.4% of the motorcycle crashes occurred in a business locality and 30.1% occurred in a locality not built-up.

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