

# Virginia CODES

Crash Outcome Data Evaluation System

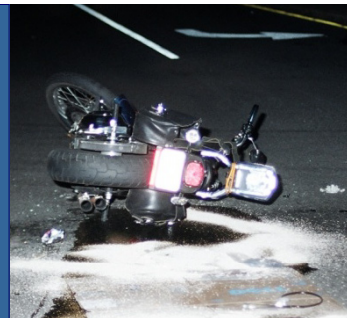


## Motorcycle Crashes

*In 2007, 2,284 motorcycle occupants were injured and 126 were killed in Virginia motorcycle crashes.*

- *93% were drivers*
- *86% were male*
- *78% of crashes occurred at non-intersections*
- *69% of crashes were a result of driver inattention/error*
- *42% were between 35-55 years old*

Beyond emergency room or outpatient care, 699 motorcycle riders were hospitalized with expenses totaling over \$30 million or \$43,000 per person.



**The 2007 helmet use rate in Virginia was 96%.**

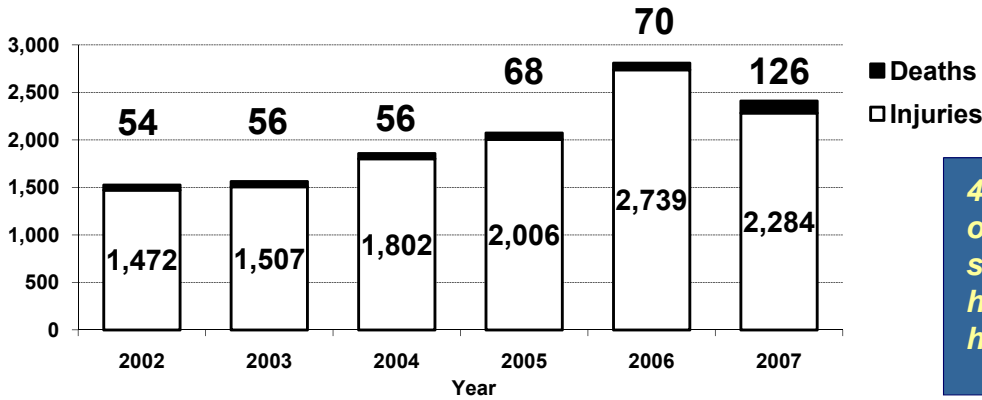
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## Virginia Motorcycle Deaths & Injuries



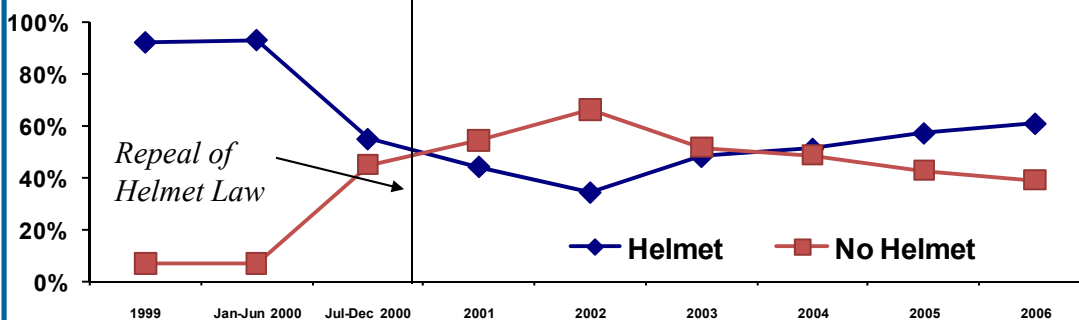
41% of motorcycle occupants who died in single-vehicle crashes had BAC levels of 0.08 or higher

## Wearing Helmets Save Lives! – National Statistics

- Traumatic brain injury is the leading cause of death in motorcycle crashes
- Motorcycle occupants are 35x more likely than car occupants to die in a crash
- Wearing a helmet reduces the risk of death by 37%
- Helmet use declined by 13% from 2000 to 2007 to 58%



## Percentage of Florida Motorcycle Fatalities by Helmet Use



## Florida Universal Helmet Law Repeal in 2000:

- After the repeal, motorcyclist deaths increased by 81% compared to 48% nationally
- There was a \$300,000 increase in acute care hospital charges for head injuries per 10,000 registered motorcyclists

References: [www.dmv.virginia.gov](http://www.dmv.virginia.gov) – Virginia Traffic Crash Facts; [www.nhtsa.gov](http://www.nhtsa.gov) – 2005 Traffic Safety Facts (Motorcycles); [www.nhtsa.dot.gov](http://www.nhtsa.dot.gov) – “Rehabilitation Costs and Long-Term Consequences of Motor Vehicle Injury” (March 2006); “Evaluation of the Repeal of the All-Rider Motorcycle Helmet Law in Florida” (August 2005)