



Motorcycle KAB Crashes (2007-2009)

Motorcycle Only; No Other Vehicle Involved

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Definitions

A **motorcycle operator** is the person in control of the motorcycle.

Passenger is any person seated on the motorcycle but not in control of the motorcycle.

Motorcyclist(s) refers to any combined reference to the motorcycle operator as well as the passenger.

Injury includes incapacitating injury and non-incapacitating injury.

KAB – “K” represents fatalities; “A” represents incapacitating injury; and “B” represents non-incapacitating injury.

Inclusions & Exclusions

Data includes single motorcycle crashes from 2007 – 2009 with a fatality or injury. Crashes involving other vehicles, trains, pedestrians, non-contact vehicle or bicyclists are excluded.

Motorcyclists Killed or Injured (2007-2009) Motorcycle Only; No Other Vehicle Involved By Person Injury Severity & Person Type			
Person Injury Severity	Person Type		Total
	Operator	Passenger	
Fatal	118	8	126
Incapacitating	642	84	726
Non-incapacitating	914	149	1063
Total	1674	241	1915

Motorcyclists Killed or Injured (2007-2009) Motorcycle Only; No Other Vehicle Involved By Person Injury Severity & Year				
Person Injury Severity	Year of Crash			Total
	2007	2008	2009	
Fatal	24	41	61	126
Incapacitating	240	262	224	726
Non-incapacitating	334	419	310	1063
Total	598	722	595	1915

Motorcyclists Killed or Injured (2007-2009) Motorcycle Only; No Other Vehicle Involved By Make of Motorcycle & Person Injury Severity				
Make of Motorcycle	Person Injury Severity			Total
	Fatal	Incapacitating	Non-incapacitating	
Harley	41	247	318	606
Honda	29	147	235	411
Kawasaki	16	72	120	208
Suzuki	15	94	157	266
Other	25	166	233	424
Total	126	726	1063	1915

- 24.6% of motorcycle-only KAB crashes occurred on Friday
- 61.8% of motorcycle-only KAB crashes occurred in daylight and 20.4% occurred in the dark in an unlighted area
- 51.5% of motorcycle-only KAB crashes occurred in areas not built-up and 26.0% occurred in a business locale
- 63.0% of motorcycle-only KAB crashes occurred in clear weather and 33.3% occurred in cloudy weather
- 2.6% of motorcycle-only KAB crashes occurred in a work zone
- 53.1% of motorcycle-only KAB crashes occurred between 12:00 Noon and 7:59 p.m.
- 54.7% of motorcycle-only KAB crashes occurred between May and August
- 29.1% of motorcycle-only KAB crashes occurred on city streets and 20.8% occurred on county roads
- 14.3% of motorcycle-only KAB crashes occurred in an intersection
- Unsafe speed (42.5%) was the primary contributing factor in motorcycle-only KAB crashes
 - 20.5% were unsafe speed on curve/turn
 - 7.8% were exceeding the legal speed limit
- 60.7% of motorcycle-only KAB crashes occurred on straight roads
- 69.7% of motorcycle-only KAB crashes occurred on level roads
- 93.6% of motorcycle-only KAB crashes occurred on dry roads
- 78.0% of motorcycle-only KAB crashes occurred on roads with an asphalt surface
- 66.0% of motorcycle-only KAB crashes occurred on two-way not divided trafficways
- Point of first contact on motorcycles in motorcycle-only KAB crashes
 - 26.9% front of motorcycle (clock position 12)
 - 21.4% mid-section of left side of motorcycle (clock position 9)
 - 18.0% mid-section of right side of motorcycle (clock position 3)
- What motorcycle did in motorcycle-only KAB crashes
 - 30.3% departed roadway (right)
 - 24.9% went straight ahead
 - 15.4% departed roadway (left)
- 86.0% of the motorcycles in motorcycle-only KAB crashes were occupied by the operator only
- 17.5% of the motorcycle operators in motorcycle-only KAB crashes had an alcohol-related driver condition
- 93.5% of the motorcycle operators in motorcycle-only KAB crashes were male
- 61.1% of motorcyclists killed in motorcycle-only KAB crashes were not wearing a helmet
- 51.6% of motorcyclists injured in motorcycle-only KAB crashes were not wearing a helmet

Motorcycle Operators (2006-2007) Motorcycle Only; No Other Vehicle Involved By Operator Age		
Operator Age	Number of Operators	% of Total
Not Stated	2	.1%
Under 16	25	1.5%
16 - 25	370	22.1%
26 - 35	339	20.3%
36 - 45	355	21.2%
46 - 55	358	21.4%
56 - 65	198	11.8%
66 - 75	20	1.2%
76+	7	.4%
Total	1674	100.0%