



Motorcycle KAB Crashes (2007-2009)

Unsafe Speed

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 vehicles or bicyclists are excluded.

Motorcyclists Killed or Injured in Unsafe Speed KAB Crashes
 Motorcycle Only; No Other Vehicle Involved
 By Person Injury Severity & Person Type
 (2007-2009)

Injury Severity	Person Type		Total
	Operator	Passenger	
Fatal	73	4	77
Incapacitating	299	34	333
Non-incapacitating	340	68	408
Total	712	106	818

Motorcyclists Killed or Injured in Unsafe Speed KAB Crashes
 Motorcycle Only; No Other Vehicle Involved
 By Person Injury Severity & Year
 (2007-2009)

Person Injury Severity	Year of Crash			Total
	2007	2008	2009	
Fatal	17	24	36	77
Incapacitating	119	116	98	333
Non-incapacitating	120	170	118	408
Total	256	310	252	818

Motorcyclists Killed or Injured in Unsafe Speed KAB Crashes
 Motorcycle Only; No Other Vehicle Involved
 By Make of Motorcycle & Person Injury Severity
 (2007-2009)

Make of Motorcycle	Person Injury Severity			Total
	Fatal	Incapacitating	Non-incapacitating	
Harley	21	95	106	222
Honda	20	64	89	173
Kawasaki	10	38	57	105
Suzuki	9	49	58	116
Other	17	87	98	202
Total	77	333	408	818

Motorcycle Operators in Unsafe Speed KAB Crashes
 Motorcycle Only; No Other Vehicle Involved
 By Operator Age
 (2007-2009)

Operator Age	Number of Operators	% of Total
Not Stated	1	.1%
Under 16	12	1.7%
16 - 25	180	25.3%
26 - 35	156	21.9%
36 - 45	142	19.9%
46 - 55	121	17.0%
56 - 65	90	12.6%
66 - 75	7	1.0%
76+	3	.4%
Total	712	100.0%

- 25.8% of motorcycle-only unsafe speed KAB crashes occurred on Saturday and 19.7% occurred on Sunday
- 66.9% of motorcycle-only unsafe speed KAB crashes occurred in daylight and 16.0% occurred in the dark in an unlighted area
- 60.0% of motorcycle-only unsafe speed KAB crashes occurred in areas not built-up and 19.4% occurred in a business locale
- 62.0% of motorcycle-only unsafe speed KAB crashes occurred in clear weather and 32.4% occurred in cloudy weather
- 1.7% of motorcycle-only unsafe speed KAB crashes occurred in a work zone
- 56.8% of motorcycle-only unsafe speed KAB crashes occurred between 12:00 Noon and 7:59 p.m.
- 54.4% of motorcycle-only unsafe speed KAB crashes occurred between May and August
- 27.0% of motorcycle-only unsafe speed KAB crashes occurred on county roads and 23.0% occurred on city streets
- 11.4% of motorcycle-only unsafe speed KAB crashes occurred in an intersection
- Primary contributing factor in motorcycle-only unsafe speed KAB crashes
 - 48.2% were unsafe speed on curve/turn
 - 18.3% were exceeding the legal speed limit
 - 7.9% were unsafe speed – inexperienced driver (young)
- Roadway horizontal alignment in motorcycle-only unsafe speed KAB crashes
 - 39.5% straight roadway
 - 37.4% roadway curved left
 - 23.2% roadway curved right
- Grade of roadway in motorcycle-only unsafe speed KAB crashes
 - 63.8% level roadway
 - 21.5% roadway downhill
 - 11.0% roadway uphill
- 93.3% of motorcycle-only unsafe speed KAB crashes occurred on dry roads
- 80.1% of motorcycle-only unsafe speed KAB crashes occurred on roads with an asphalt surface
- 69.4% of motorcycle-only unsafe speed KAB crashes occurred on two-way not divided trafficways
- Point of first contact on motorcycles in motorcycle-only unsafe speed KAB crashes
 - 24.6% mid-section of left side of motorcycle (clock position 9)
 - 21.6% front of motorcycle (clock position 12)
 - 18.8% mid-section of right side of motorcycle (clock position 3)
- What motorcycle did in motorcycle-only unsafe speed KAB crashes
 - 42.6% departed roadway (right)
 - 15.4% departed roadway (left)
 - 15.7% went straight ahead
- 86.9% of the motorcycles in motorcycle-only unsafe speed KAB crashes were occupied by the operator only
- 13.9% of the motorcycle operators in motorcycle-only unsafe speed KAB crashes had an alcohol-related driver condition
- 93.5% of the motorcycle operators in motorcycle-only unsafe speed KAB crashes were male
- 58.4% of motorcyclists killed in motorcycle-only unsafe speed KAB crashes were not wearing a helmet
- 52.4% of motorcyclists injured in motorcycle-only unsafe speed KAB crashes were not wearing a helmet