

# SAFE SYSTEM SYNOPSIS

## Motorcycle Crashes Australia

Motorcycles comprise 5.7% of Australia's vehicle fleet and 1.9% of vehicle kilometres travelled annually. [1] However, they account for approximately 18% of all fatal crashes [2] equating to approximately 200 lives lost each year.

Of all fatal motorcycle crashes, 44% are single-vehicle crashes and 56% are multiple-vehicle crashes. Of the single-vehicle crashes 90% occur mid-block. For multiple-vehicle crashes 42% occur at intersections. [3] When this data is further divided into speed limit zones, we see that 32% and 31% of fatal single-vehicle motorcycle crashes occur in 60 km/h and 100 km/h speed limit zones, respectively. For fatal multiple-vehicle motorcycle crashes 34% and 28% occur in 60 km/h and 100 km/h speed limit zones, respectively. [3]

### Motorcycle Crashes

#### Single-Vehicle Crashes: 44%

Single-Vehicle Crashes	
Road Configuration	Percentage of Crashes
Mid-block	90%
Intersection	7%
Unknown	3%



Speed Limit	Percentage of Crashes
<= 50	8%
60	32%
70	7%
80	13%
90	2%
100	31%
>=110	7%

#### Multiple-Vehicle Crashes: 56%

Multiple-Vehicle Crashes	
Road Configuration	Percentage of Crashes
Mid-block	58%
Intersection	42%
Unknown	0%



Speed Limit	Percentage of Crashes
<= 50	4%
60	34%
70	14%
80	11%
90	1%
100	28%
>=110	8%



**Note:** The percentage of crashes in each speed zone is raw data and does not take into account exposure (i.e. kilometres ridden in each speed zone). The percentage of crashes in each speed zone when weighted by exposure will be different to the figures above.