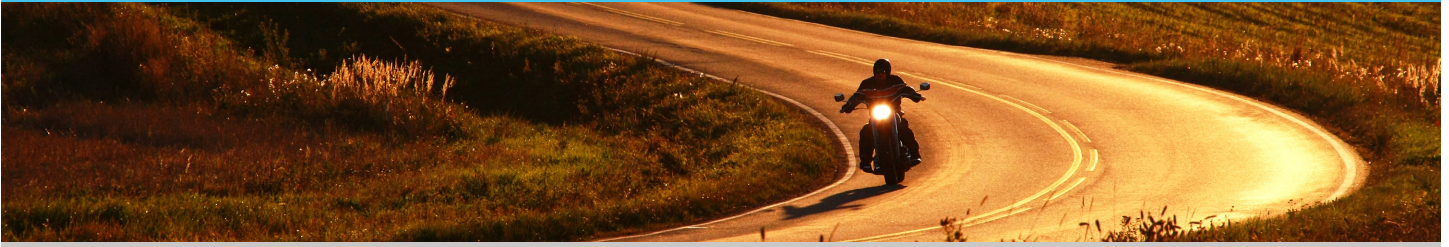


MOTORCYCLE FACTS – CURVES (2010-2017)



Highest crash risk and severity for motorcycle crashes

- MC less stable than four wheeled vehicles
- Limited sight distance on curves
- Wide speed variation
- More negotiation maneuvers

26% OF FATAL AND SERIOUS MC CRASHES HAPPEN ON CURVES

RIDERS who crash on curves die **8X** as often as **NON-MCS** who crash on curves



Among **DUI MC operators** with a fatal/serious injury, **39%** of crashes occurred on a curve compared to **24%** of **non-DUI MC operators** with a fatal/serious injury

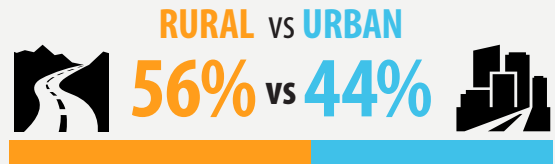
For fatal and serious MC crashes on curves, the most common contributing factors were **unsafe speed (26%)** and **failed to control speed (14%)**

1. Serious injuries or crashes are defined by TxDOT as suspected serious injuries (formerly incapacitating injuries).
 2. Riders refers to operators and passengers unless otherwise specified.
 3. Data are based on Texas Peace Officer crash reports (CR-3) as of May 21, 2018.

AVERAGE OF 1852 RIDERS/YEAR AFFECTED



Fatal and Serious MC Crashes on Curve



RIDERS who crash on curves die **2X** as often as **RIDERS** who crash on straight roadways



85% of fatal and serious MC crashes **on curves** are single vehicle crashes as compared to **41%** of **non-curve** crashes being single vehicle crashes

50% of fatal and serious MC crashes **on curves** occur on roadways with a 50 to 70 mph speed limit compared to **38%** of those **on straight roadways**