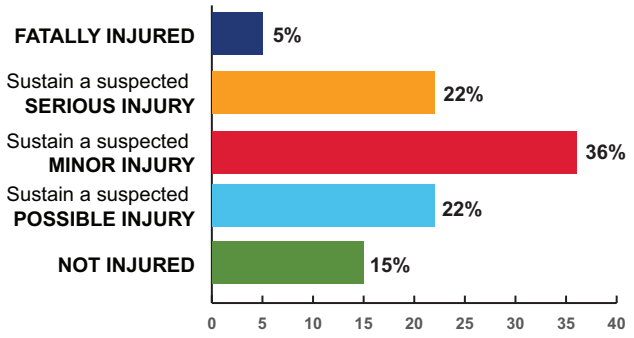
# MOTORCYCLE FACTS: MV, INTERSECTION, AND REAR-END CRASHES (2015–2020)*

## TEXAS MOTORCYCLE INTERSECTION AND MULTI-VEHICLE CRASHES

### INTERSECTION AND MULTI-VEHICLE CRASHES

#### Average Percentage of Crash SEVERITY




OF MULTI-VEHICLE CRASHES,

**34%** vs **43%**

PERCENTAGE OF CRASHES WERE **INTERSECTION RELATED**

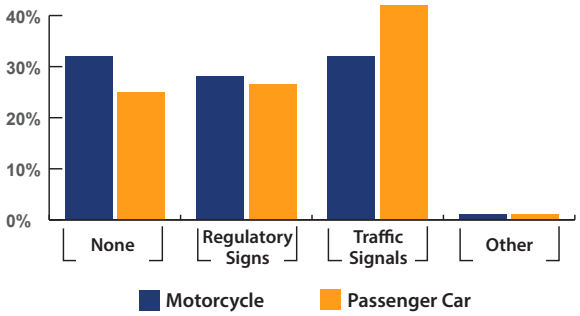
**12%** vs **10%**

PERCENTAGE OF CRASHES WERE **DRIVEWAY-RELATED**

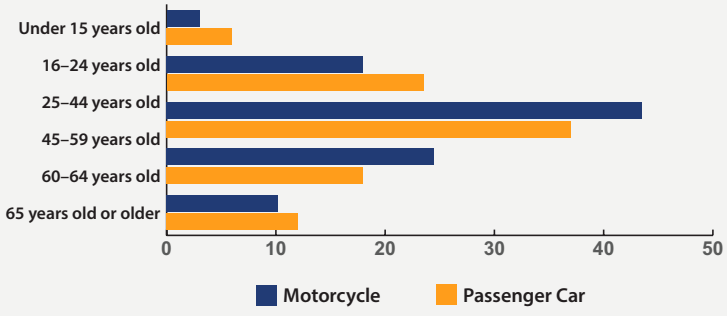
PERCENTAGE OF CRASHES AT INTERSECTIONS OCCURRING **IN DARK CONDITIONS**

**33%** vs **28%**

#### Intersection crashes by TRAFFIC CONTROL




#### Intersection Crashes by AGE




#### MC Intersection Crashes by CRASH TYPE

| CRASH TYPE | FREQ. | % |
|---|---|---|
| One Motor Vehicle - Going Straight | 3,226 | 20% |
| Angle - Both Going Straight | 2,891 | 18% |
| Opposite Direction - One Straight and One Left Turn | 2,863 | 17% |
| Same Direction - One Straight and One Stopped | 1,723 | 11% |
| Angle - One Straight and One Left Turn | 1,268 | 8% |
| **TOTAL** | 16,420 | |

OF MULTI-VEHICLE CRASHES,

**27%** vs **25%**

PERCENTAGE OF **FATAL CRASHES** WERE **INTERSECTION-RELATED**

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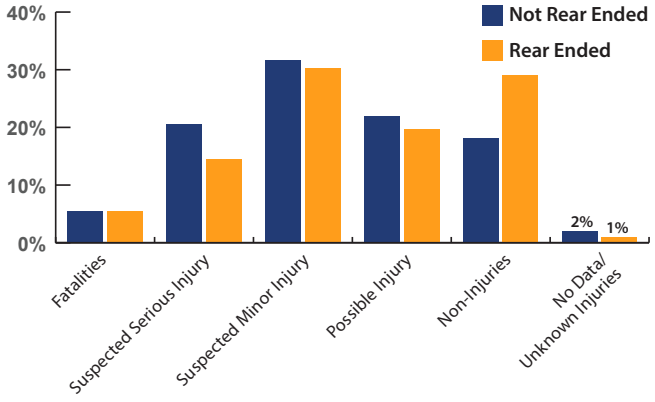
# MOTORCYCLE FACTS: MV, INTERSECTION, AND REAR-END CRASHES (2015–2020)*

## TEXAS REAR-END CRASHES

### REAR-END CRASHES, 2019

When the MC rear-ended other vehicle the following contributing factors were assigned:




In 2019, **907 MOTORCYCLES** were involved in **REAR-END CRASHES.**

**65%** Percentage of MC Operators Rear-Ended Another Vehicle

**35%** Percentage of the Motorcycles were Rear-Ended

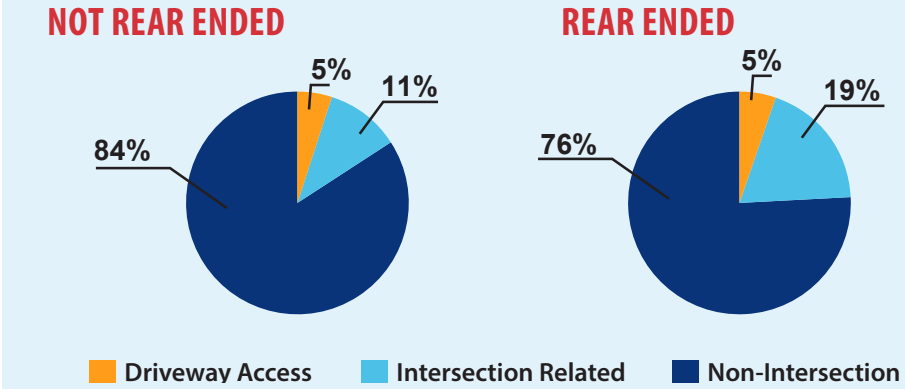
When the MC rear-ended other vehicle the following contributing factors were assigned:

**54% FAILURE TO CONTROL SPEED**

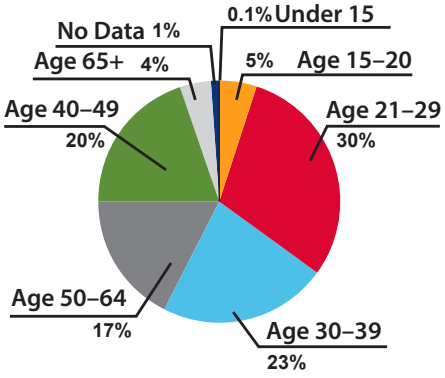
**12%** DRIVER INATTENTION

**12%** FOLLOWED TOO CLOSELY

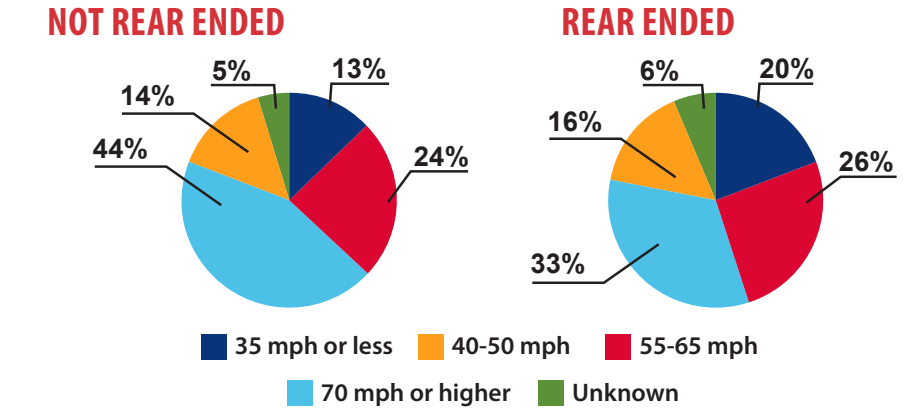
### Percentage of Motorcycles by Intersection Relation and Rear End Classification, 2019.




### Percentage of Motorcycle Operators by Age Group involved in a Rear End Crash, 2019.




### Percentage of Motorcycle Operators by Speed Limit Group and Rear End Classification, 2019




### OF MULTI-VEHICLE CRASHES,

**65%** of **MALE** operators in rear-end crashes,

**58%** of **FEMALE** operators in rear-end crashes,

**REAR-ENDED THE OTHER VEHICLE**

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