



2021

**MTCF**  
Michigan Traffic  
Crash Facts

# Michigan Traffic Crash Facts

## Reporting Criteria

Please pay particular attention to the wording when interpreting the three levels of data gathered for this report.

### Crash

The Crash Level analyzes data related to crash events and returns one result per crash.

Examples: Time, weather, and location.

### Units

The Units Level analyzes the experience of the units in the crash and returns one result per vehicle, driver, pedestrian, bicyclist, or train.

Examples: Vehicle type, driver condition, and unit events.

### People

The People Level analyzes the experience of the people involved in the crash and returns one result per occupant/person/party.

Examples: Age, injury severity, and seat belt or helmet use.

### **KABCO Injury Indicator:**

K = Killed

A = Suspected Serious Injury

B = Suspected Minor Injury

C = Possible Injury

O = No Injury

Property Damage Only (PDO)



## Michigan Commercial Motor Vehicles

### 2021 Traffic Crash Data & 2017-2021 5-Year Trends

#### Summary Trends

| Year | Total Crashes | Fatal Crashes | Injury Crashes | Fatalities | Injuries |
|------|---------------|---------------|----------------|------------|----------|
| 2017 | 12,886        | 84            | 2,344          | 95         | 3,328    |
| 2018 | 14,803        | 102           | 2,509          | 112        | 3,543    |
| 2019 | 15,798        | 98            | 2,642          | 106        | 3,685    |
| 2020 | 11,344        | 77            | 1,929          | 78         | 2,636    |
| 2021 | 14,293        | 93            | 2,487          | 103        | 3,369    |

#### Sources:

The crashes in this report occurred on public roadways in Michigan and resulted in injuries, fatalities, or property damage (with \$1,000 as a reporting threshold). The information was gathered from Michigan Traffic Crash Report Forms (UD-10) submitted by local police departments, sheriff's offices, and the Michigan State Police. Other related information was obtained from the departments of Transportation, State, and Community Health.

## 2021 - Crashes and Injury by Month

| Month        | Crashes       |           |              |                            | People     |              |
|--------------|---------------|-----------|--------------|----------------------------|------------|--------------|
|              | Total         | Fatal     | Injury       | Property Damage Only (PDO) | Fatalities | Injuries     |
| January      | 1,008         | 7         | 176          | 825                        | 8          | 240          |
| February     | 1,294         | 3         | 210          | 1,081                      | 3          | 277          |
| March        | 865           | 4         | 139          | 722                        | 5          | 181          |
| April        | 954           | 8         | 193          | 753                        | 8          | 254          |
| May          | 1,063         | 10        | 198          | 855                        | 12         | 255          |
| June         | 1,211         | 4         | 234          | 973                        | 4          | 324          |
| July         | 1,156         | 7         | 187          | 962                        | 8          | 246          |
| August       | 1,363         | 10        | 238          | 1,115                      | 10         | 312          |
| September    | 1,409         | 11        | 254          | 1,144                      | 12         | 341          |
| October      | 1,450         | 5         | 255          | 1,190                      | 5          | 348          |
| November     | 1,314         | 10        | 213          | 1,091                      | 12         | 320          |
| December     | 1,206         | 14        | 190          | 1,002                      | 16         | 271          |
| <b>Total</b> | <b>14,293</b> | <b>93</b> | <b>2,487</b> | <b>11,713</b>              | <b>103</b> | <b>3,369</b> |

## 2021 - Driver Statistics

| Age Group    | Statewide        |                  |                    | Driver Rates       |                  |
|--------------|------------------|------------------|--------------------|--------------------|------------------|
|              | 2019 Population* | Licensed Drivers | Drivers in Crashes | Per 10k Population | Per 10k Licensed |
| 0 - 15       | 1,889,940        | 46,698           | 16                 | 0.1                | 3.4              |
| 16 - 20      | 651,147          | 436,434          | 1,247              | 19.2               | 28.6             |
| 21 - 24      | 548,369          | 434,663          | 1,843              | 33.6               | 42.4             |
| 25 - 64      | 5,132,000        | 4,638,426        | 19,665             | 38.3               | 42.4             |
| 65 +         | 1,765,401        | 1,700,267        | 2,561              | 14.5               | 15.1             |
| Unknown      | 0                | 0                | 2,219              | --                 | --               |
| <b>Total</b> | <b>9,986,857</b> | <b>7,256,488</b> | <b>27,551</b>      | <b>27.6</b>        | <b>38.0</b>      |

\*2021 Population of Michigan Counties (by single-year of age) not yet available from U.S. Census Bureau.

## 2021 - Vehicles in Crashes

| Vehicle Type                                                                    | Motor Vehicles     |              | Fatal Crashes |              | Injury Crashes | PDO Crashes   |
|---------------------------------------------------------------------------------|--------------------|--------------|---------------|--------------|----------------|---------------|
|                                                                                 | Number of Vehicles | % of Total   | Number        | % of Total   | Number         | Number        |
| Passenger Car, SUV, Van                                                         | 10,368             | 37.6         | 59            | 30.4         | 2,287          | 8,022         |
| Motor Home                                                                      | 37                 | 0.1          | 0             | 0.0          | 10             | 27            |
| Pickup Truck                                                                    | 1,637              | 5.9          | 21            | 10.8         | 332            | 1,284         |
| Small Truck Under 10,000 lbs. GVWR                                              | 65                 | 0.2          | 1             | 0.5          | 10             | 54            |
| Motorcycle                                                                      | 34                 | 0.1          | 4             | 2.1          | 24             | 6             |
| Moped/Goped                                                                     | 6                  | 0.0          | 2             | 1.0          | 4              | 0             |
| Go-Cart/Golf Cart                                                               | 0                  | 0.0          | 0             | 0.0          | 0              | 0             |
| Snowmobile                                                                      | 4                  | 0.0          | 0             | 0.0          | 2              | 2             |
| Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)                                | 6                  | 0.0          | 1             | 0.5          | 1              | 4             |
| Other (non-registered farm equipment, construction equipment, snow plows, etc.) | 73                 | 0.3          | 1             | 0.5          | 6              | 66            |
| Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)                   | 14,972             | 54.3         | 103           | 53.1         | 2,586          | 12,283        |
| Uncoded & Errors                                                                | 349                | 1.3          | 2             | 1.0          | 16             | 331           |
| <b>Total</b>                                                                    | <b>27,551</b>      | <b>100.0</b> | <b>194</b>    | <b>100.0</b> | <b>5,278</b>   | <b>22,079</b> |

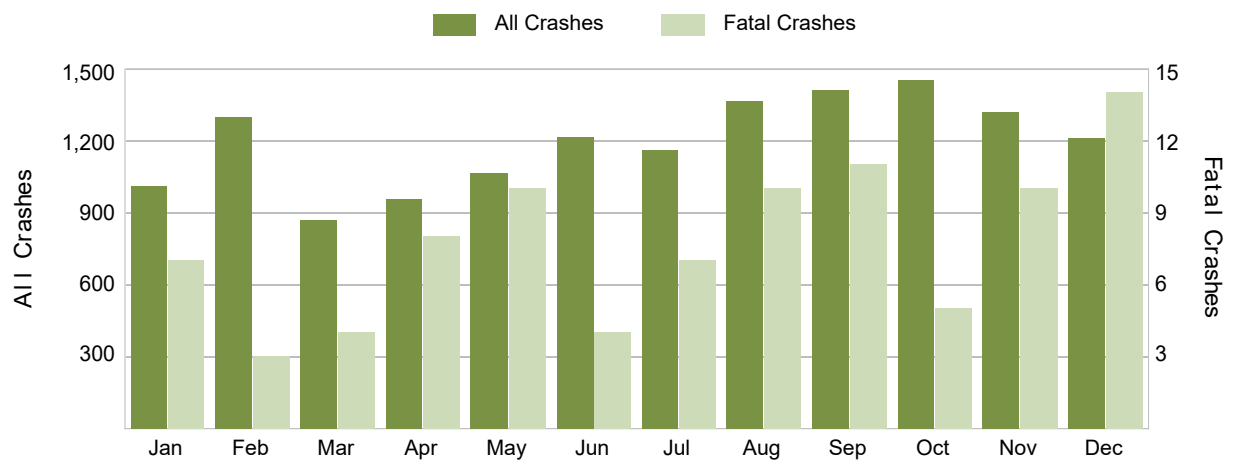
## 5-Year Trend - Crashes by Month

| Month        | 2017          |               | 2018          |               | 2019          |               | 2020          |               | 2021          |               |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|              | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes |
| January      | 1,157         | 14            | 1,719         | 6             | 1,682         | 9             | 1,217         | 4             | 1,008         | 7             |
| February     | 860           | 1             | 1,468         | 9             | 1,366         | 3             | 1,232         | 5             | 1,294         | 3             |
| March        | 1,167         | 7             | 1,145         | 8             | 1,072         | 9             | 676           | 3             | 865           | 4             |
| April        | 827           | 7             | 1,056         | 11            | 1,046         | 7             | 419           | 4             | 954           | 8             |
| May          | 1,180         | 3             | 1,112         | 9             | 1,236         | 13            | 596           | 8             | 1,063         | 10            |
| June         | 1,015         | 4             | 1,311         | 8             | 1,076         | 5             | 962           | 11            | 1,211         | 4             |
| July         | 870           | 4             | 997           | 7             | 1,302         | 8             | 1,054         | 8             | 1,156         | 7             |
| August       | 943           | 8             | 1,089         | 9             | 1,273         | 7             | 1,017         | 12            | 1,363         | 10            |
| September    | 1,029         | 10            | 1,187         | 13            | 1,292         | 8             | 1,089         | 5             | 1,409         | 11            |
| October      | 1,239         | 8             | 1,428         | 6             | 1,577         | 13            | 1,167         | 10            | 1,450         | 5             |
| November     | 1,070         | 13            | 1,369         | 8             | 1,665         | 8             | 982           | 3             | 1,314         | 10            |
| December     | 1,529         | 5             | 922           | 8             | 1,211         | 8             | 933           | 4             | 1,206         | 14            |
| <b>Total</b> | <b>12,886</b> | <b>84</b>     | <b>14,803</b> | <b>102</b>    | <b>15,798</b> | <b>98</b>     | <b>11,344</b> | <b>77</b>     | <b>14,293</b> | <b>93</b>     |

## 5-Year Trend - Crashes by Day of Week

| Day          | 2017          |               | 2018          |               | 2019          |               | 2020          |               | 2021          |               |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|              | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes |
| Monday       | 2,317         | 14            | 2,710         | 19            | 2,966         | 16            | 1,960         | 25            | 2,504         | 12            |
| Tuesday      | 2,382         | 12            | 2,785         | 21            | 3,176         | 16            | 2,017         | 9             | 2,684         | 17            |
| Wednesday    | 2,385         | 16            | 2,618         | 17            | 3,077         | 13            | 2,125         | 12            | 2,562         | 18            |
| Thursday     | 2,375         | 16            | 2,569         | 13            | 2,602         | 21            | 2,144         | 10            | 2,527         | 21            |
| Friday       | 2,324         | 19            | 2,688         | 17            | 2,546         | 19            | 1,913         | 8             | 2,523         | 15            |
| Saturday     | 732           | 5             | 914           | 7             | 904           | 7             | 757           | 9             | 935           | 6             |
| Sunday       | 371           | 2             | 519           | 8             | 527           | 6             | 428           | 4             | 558           | 4             |
| <b>Total</b> | <b>12,886</b> | <b>84</b>     | <b>14,803</b> | <b>102</b>    | <b>15,798</b> | <b>98</b>     | <b>11,344</b> | <b>77</b>     | <b>14,293</b> | <b>93</b>     |

## 2021 Crashes by Month

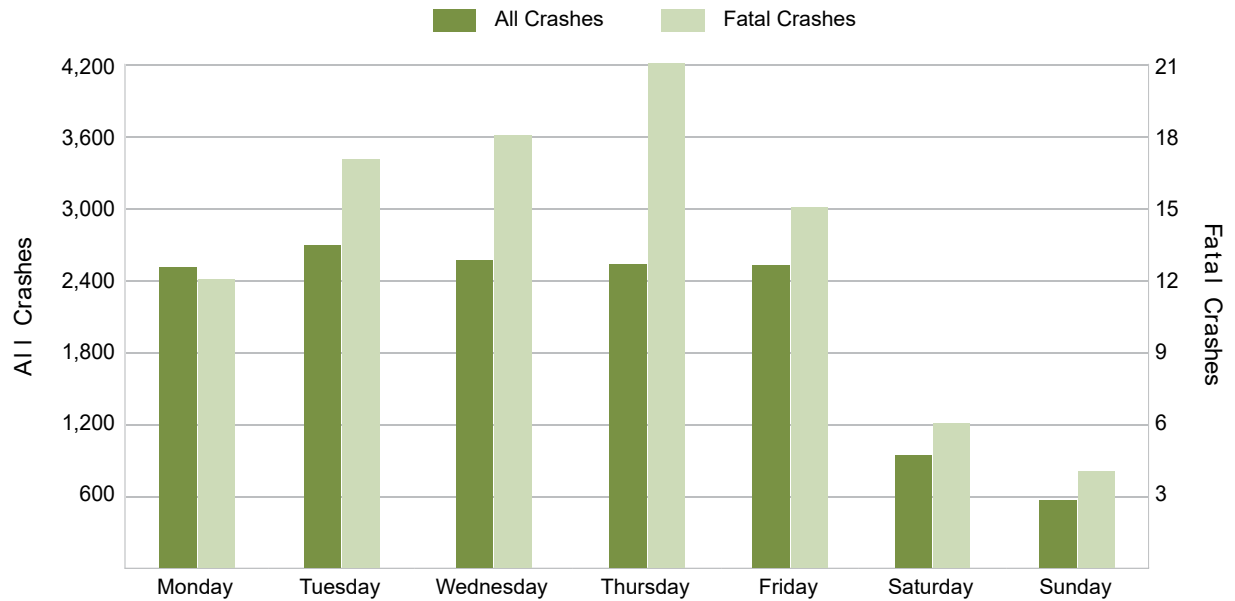


## Commercial Motor Vehicles (continued)

### 2021 - Crashes by Day of Week

| Day          | All Crashes   |              | Fatal Crashes |              | Injury Crashes |            |              | PDO Crashes   |
|--------------|---------------|--------------|---------------|--------------|----------------|------------|--------------|---------------|
|              | Number        | % of Total   | Fatal         | % of Fatal   | A              | B          | C            | Number        |
| Monday       | 2,504         | 17.5         | 12            | 12.9         | 41             | 135        | 253          | 2,063         |
| Tuesday      | 2,684         | 18.8         | 17            | 18.3         | 48             | 120        | 244          | 2,255         |
| Wednesday    | 2,562         | 17.9         | 18            | 19.4         | 53             | 134        | 278          | 2,079         |
| Thursday     | 2,527         | 17.7         | 21            | 22.6         | 41             | 136        | 283          | 2,046         |
| Friday       | 2,523         | 17.7         | 15            | 16.1         | 54             | 148        | 233          | 2,073         |
| Saturday     | 935           | 6.5          | 6             | 6.5          | 29             | 58         | 86           | 756           |
| Sunday       | 558           | 3.9          | 4             | 4.3          | 17             | 29         | 67           | 441           |
| <b>Total</b> | <b>14,293</b> | <b>100.0</b> | <b>93</b>     | <b>100.0</b> | <b>283</b>     | <b>760</b> | <b>1,444</b> | <b>11,713</b> |

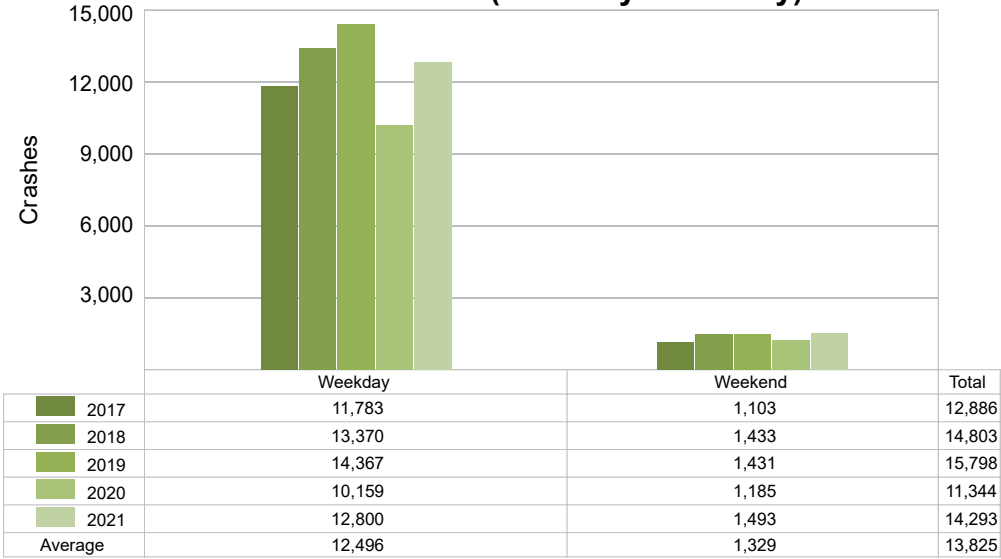
### 2021 Day of Week and Severity



5-Year Trend - Crashes by Weekday and Weekend

| Portion of Week | 2017          |               | 2018          |               | 2019          |               | 2020          |               | 2021          |               |
|-----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                 | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes |
| Weekday         | 11,783        | 77            | 13,370        | 87            | 14,367        | 85            | 10,159        | 64            | 12,800        | 83            |
| Weekend         | 1,103         | 7             | 1,433         | 15            | 1,431         | 13            | 1,185         | 13            | 1,493         | 10            |
| Total           | 12,886        | 84            | 14,803        | 102           | 15,798        | 98            | 11,344        | 77            | 14,293        | 93            |

5-Year Crash Trends by Weekday (Monday - Friday) and Weekend (Saturday & Sunday)



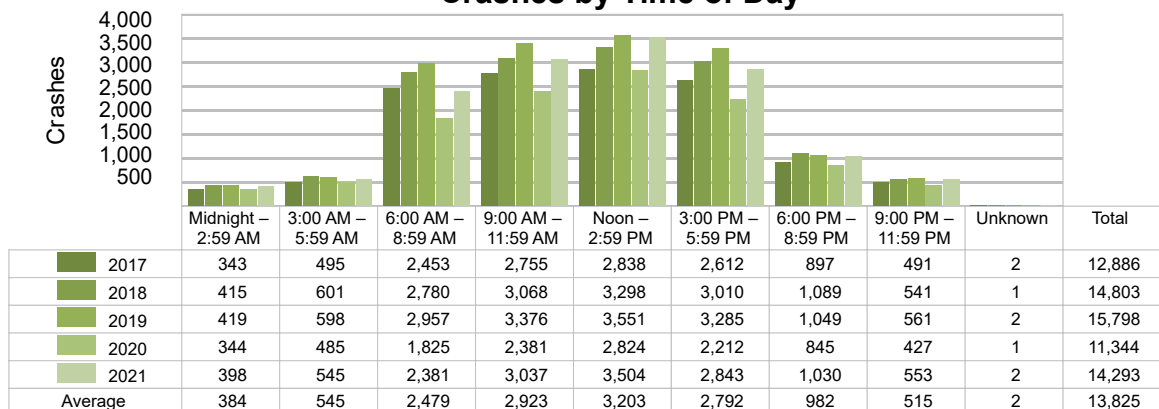
# Commercial Motor Vehicles (continued)

## 5-Year Trend - Crashes by Time of Day

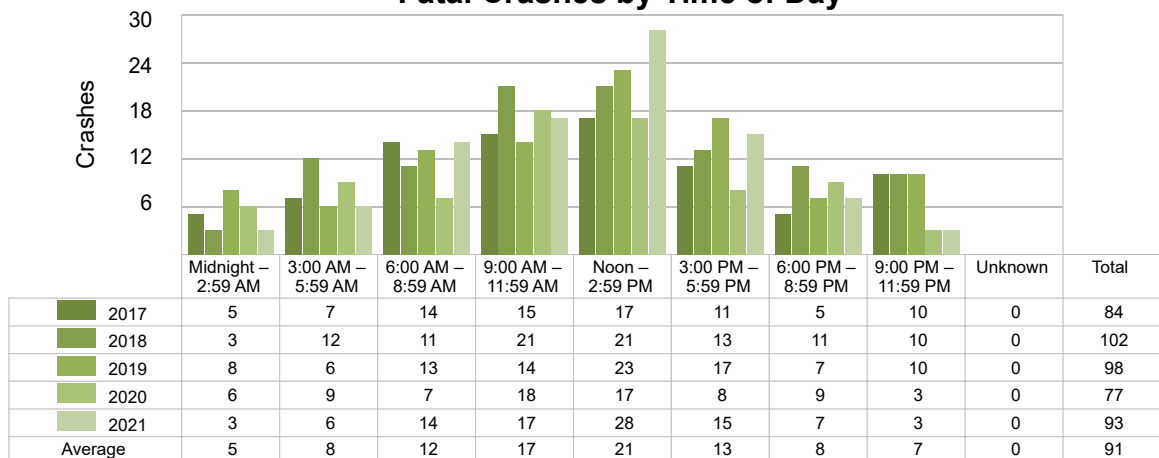
| Time of Day        | 2017          |               | 2018          |               | 2019          |               | 2020          |               | 2021          |               |
|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                    | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes |
| Midnight – 2:59 AM | 343           | 5             | 415           | 3             | 419           | 8             | 344           | 6             | 398           | 3             |
| 3:00 AM – 5:59 AM  | 495           | 7             | 601           | 12            | 598           | 6             | 485           | 9             | 545           | 6             |
| 6:00 AM – 8:59 AM  | 2,453         | 14            | 2,780         | 11            | 2,957         | 13            | 1,825         | 7             | 2,381         | 14            |
| 9:00 AM – 11:59 AM | 2,755         | 15            | 3,068         | 21            | 3,376         | 14            | 2,381         | 18            | 3,037         | 17            |
| Noon – 2:59 PM     | 2,838 †       | 17            | 3,298 †       | 21            | 3,551 †       | 23            | 2,824 †       | 17            | 3,504 †       | 28            |
| 3:00 PM – 5:59 PM  | 2,612         | 11            | 3,010         | 13            | 3,285         | 17            | 2,212         | 8             | 2,843         | 15            |
| 6:00 PM – 8:59 PM  | 897           | 5             | 1,089         | 11            | 1,049         | 7             | 845           | 9             | 1,030         | 7             |
| 9:00 PM – 11:59 PM | 491           | 10            | 541           | 10            | 561           | 10            | 427           | 3             | 553           | 3             |
| Unknown            | 2             | 0             | 1             | 0             | 2             | 0             | 1             | 0             | 2             | 0             |
| <b>Total</b>       | <b>12,886</b> | <b>84</b>     | <b>14,803</b> | <b>102</b>    | <b>15,798</b> | <b>98</b>     | <b>11,344</b> | <b>77</b>     | <b>14,293</b> | <b>93</b>     |

Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period.

## 5-Year Trend Crashes by Time of Day

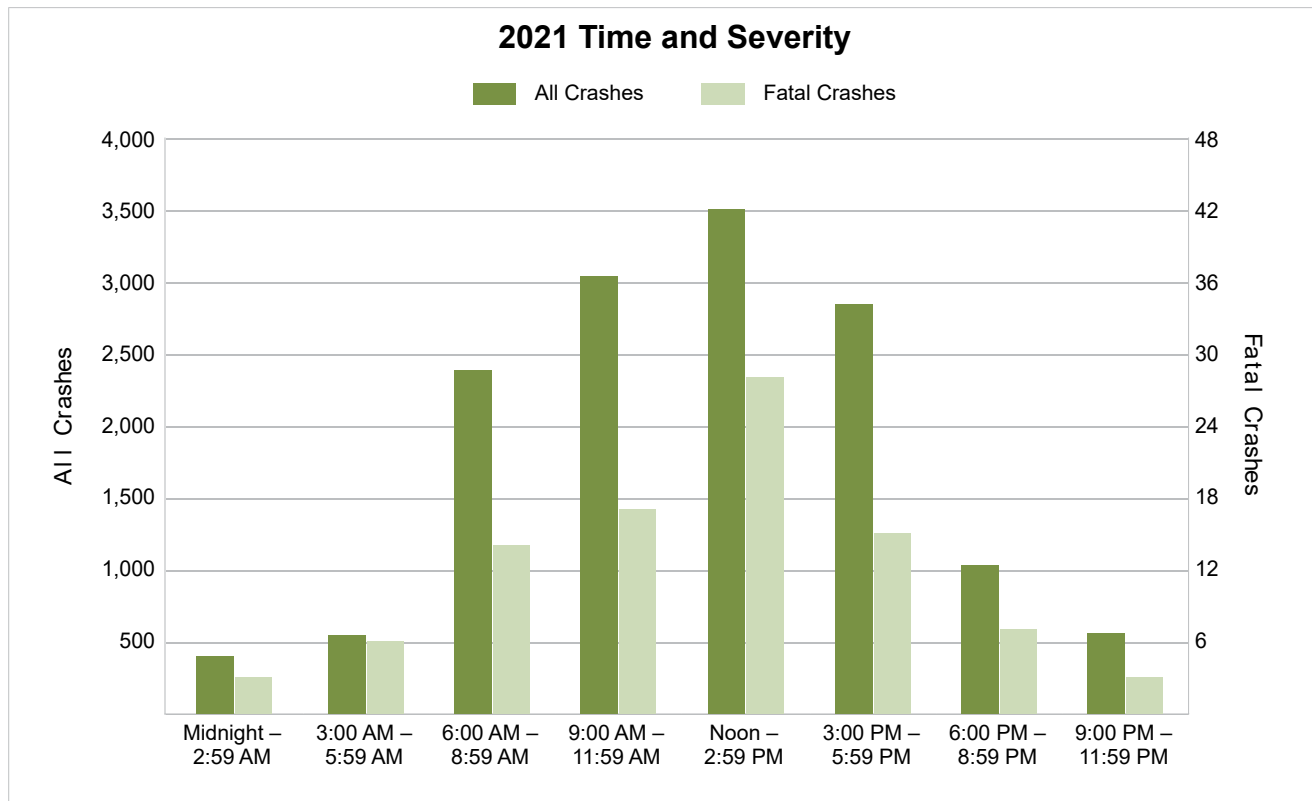


## 5-Year Trend Fatal Crashes by Time of Day



## 2021 - Time and Severity

| Time of Day        | All Crashes   |              | Fatal Crashes |              | Injury Crashes |            |              | PDO Crashes   |
|--------------------|---------------|--------------|---------------|--------------|----------------|------------|--------------|---------------|
|                    | Number        | % of Total   | Number        | % of Fatal   | A              | B          | C            | Number        |
| Midnight – 2:59 AM | 398           | 2.8          | 3             | 3.2          | 10             | 20         | 39           | 326           |
| 3:00 AM – 5:59 AM  | 545           | 3.8          | 6             | 6.5          | 20             | 28         | 52           | 439           |
| 6:00 AM – 8:59 AM  | 2,381         | 16.7         | 14            | 15.1         | 45             | 132        | 254          | 1,936         |
| 9:00 AM – 11:59 AM | 3,037         | 21.2         | 17            | 18.3         | 51             | 156        | 312          | 2,501         |
| Noon – 2:59 PM     | 3,504         | 24.5         | 28            | 30.1         | 61             | 176        | 369          | 2,870         |
| 3:00 PM – 5:59 PM  | 2,843         | 19.9         | 15            | 16.1         | 62             | 153        | 257          | 2,356         |
| 6:00 PM – 8:59 PM  | 1,030         | 7.2          | 7             | 7.5          | 21             | 58         | 111          | 833           |
| 9:00 PM – 11:59 PM | 553           | 3.9          | 3             | 3.2          | 13             | 36         | 50           | 451           |
| Unknown            | 2             | 0.0          | 0             | 0.0          | 0              | 1          | 0            | 1             |
| <b>Total</b>       | <b>14,293</b> | <b>100.0</b> | <b>93</b>     | <b>100.0</b> | <b>283</b>     | <b>760</b> | <b>1,444</b> | <b>11,713</b> |



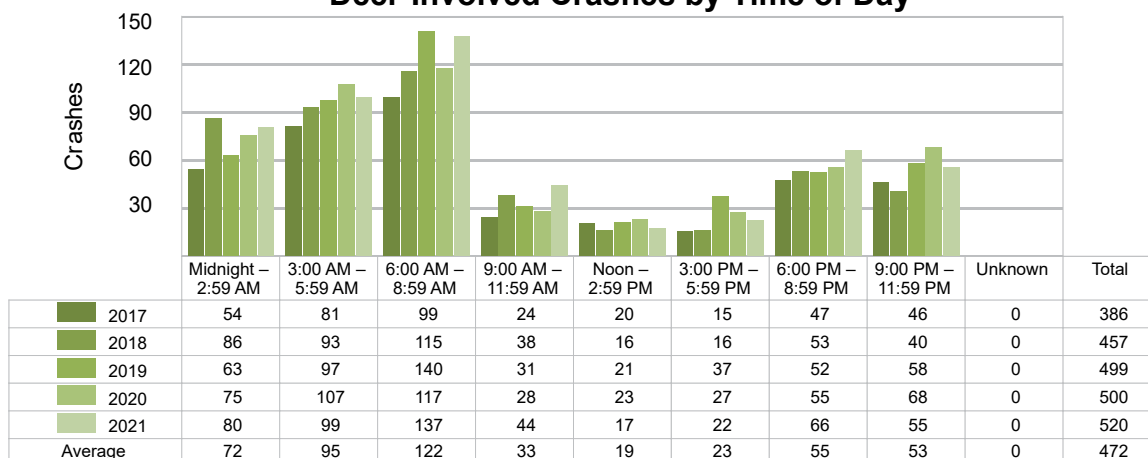
# Commercial Motor Vehicles (continued)

## 5-Year Trend - Deer-Involved Crashes by Time of Day

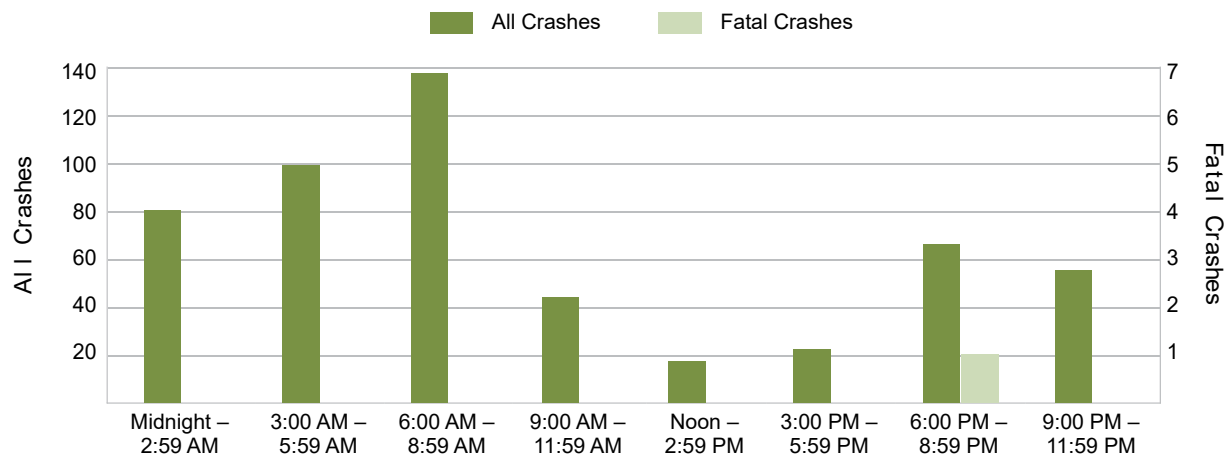
| Time of Day        | 2017          |               | 2018          |               | 2019          |               | 2020          |               | 2021          |               |
|--------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                    | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes |
| Midnight – 2:59 AM | 54            | 0             | 86            | 0             | 63            | 0             | 75            | 0             | 80            | 0             |
| 3:00 AM – 5:59 AM  | 81            | 0             | 93            | 0             | 97            | 0             | 107           | 0             | 99            | 0             |
| 6:00 AM – 8:59 AM  | 99 †          | 0             | 115 †         | 0             | 140 †         | 0             | 117 †         | 0             | 137 †         | 0             |
| 9:00 AM – 11:59 AM | 24            | 0             | 38            | 0             | 31            | 0             | 28            | 0             | 44            | 0             |
| Noon – 2:59 PM     | 20            | 0             | 16            | 0             | 21            | 0             | 23            | 0             | 17            | 0             |
| 3:00 PM – 5:59 PM  | 15            | 0             | 16            | 0             | 37            | 0             | 27            | 0             | 22            | 0             |
| 6:00 PM – 8:59 PM  | 47            | 0             | 53            | 0             | 52            | 0             | 55            | 0             | 66            | 1             |
| 9:00 PM – 11:59 PM | 46            | 0             | 40            | 0             | 58            | 0             | 68            | 0             | 55            | 0             |
| Unknown            | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             |
| <b>Total</b>       | <b>386</b>    | <b>0</b>      | <b>457</b>    | <b>0</b>      | <b>499</b>    | <b>0</b>      | <b>500</b>    | <b>0</b>      | <b>520</b>    | <b>1</b>      |

Note: † Indicates that the highest number of total crashes reported in the 5-year period occurred in the same time period.

## 5-Year Trend Deer-Involved Crashes by Time of Day



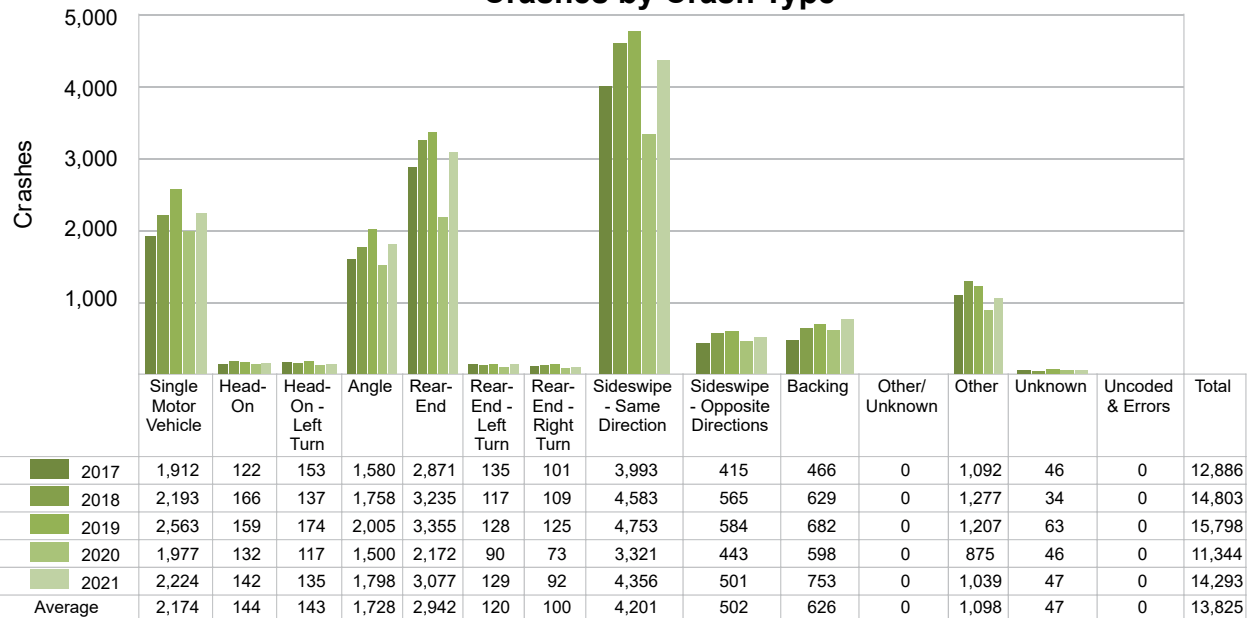
## 2021 Time and Severity of Deer-Involved Crashes



## 5-Year Trend - Crashes by Crash Type

| Crash Type                      | 2017          |               | 2018          |               | 2019          |               | 2020          |               | 2021          |               |
|---------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                                 | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes |
| Single Motor Vehicle            | 1,912         | 6             | 2,193         | 5             | 2,563         | 11            | 1,977         | 16            | 2,224         | 16            |
| Head-On                         | 122           | 16            | 166           | 20            | 159           | 18            | 132           | 14            | 142           | 18            |
| Head-On - Left Turn             | 153           | 3             | 137           | 0             | 174           | 4             | 117           | 0             | 135           | 3             |
| Angle                           | 1,580         | 19            | 1,758         | 24            | 2,005         | 31            | 1,500         | 19            | 1,798         | 25            |
| Rear-End                        | 2,871         | 28            | 3,235         | 27            | 3,355         | 19            | 2,172         | 14            | 3,077         | 16            |
| Rear-End - Left Turn            | 135           | 1             | 117           | 4             | 128           | 0             | 90            | 2             | 129           | 2             |
| Rear-End - Right Turn           | 101           | 0             | 109           | 0             | 125           | 0             | 73            | 0             | 92            | 0             |
| Sideswipe - Same Direction      | 3,993         | 5             | 4,583         | 5             | 4,753         | 7             | 3,321         | 3             | 4,356         | 5             |
| Sideswipe - Opposite Directions | 415           | 0             | 565           | 2             | 584           | 2             | 443           | 3             | 501           | 3             |
| Backing                         | 466           | 0             | 629           | 2             | 682           | 0             | 598           | 0             | 753           | 0             |
| Other/Unknown                   | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             |
| Other                           | 1,092         | 6             | 1,277         | 13            | 1,207         | 6             | 875           | 6             | 1,039         | 5             |
| Unknown                         | 46            | 0             | 34            | 0             | 63            | 0             | 46            | 0             | 47            | 0             |
| Uncoded & Errors                | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             |
| <b>Total</b>                    | <b>12,886</b> | <b>84</b>     | <b>14,803</b> | <b>102</b>    | <b>15,798</b> | <b>98</b>     | <b>11,344</b> | <b>77</b>     | <b>14,293</b> | <b>93</b>     |

## 5-Year Trend Crashes by Crash Type

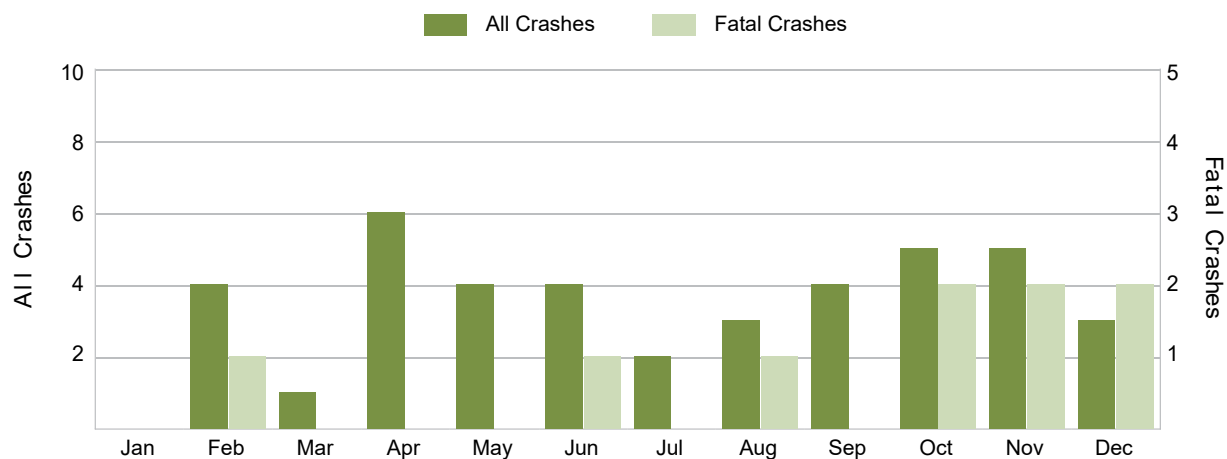


# Commercial Motor Vehicles (continued)

## 5-Year Trend - Pedestrian-Involved Crashes by Month

| Month        | 2017          |               | 2018          |               | 2019          |               | 2020          |               | 2021          |               |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|              | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes |
| January      | 6             | 1             | 7             | 2             | 6             | 1             | 7             | 0             | 0             | 0             |
| February     | 5             | 0             | 4             | 0             | 3             | 0             | 3             | 0             | 4             | 1             |
| March        | 3             | 1             | 3             | 1             | 3             | 1             | 4             | 1             | 1             | 0             |
| April        | 1             | 0             | 6             | 1             | 5             | 0             | 2             | 1             | 6             | 0             |
| May          | 3             | 0             | 5             | 2             | 3             | 1             | 2             | 0             | 4             | 0             |
| June         | 2             | 0             | 1             | 1             | 2             | 1             | 3             | 1             | 4             | 1             |
| July         | 0             | 0             | 4             | 0             | 4             | 1             | 6             | 2             | 2             | 0             |
| August       | 5             | 1             | 1             | 0             | 5             | 1             | 10            | 1             | 3             | 1             |
| September    | 3             | 1             | 8             | 2             | 4             | 0             | 6             | 1             | 4             | 0             |
| October      | 8             | 1             | 5             | 0             | 11            | 1             | 3             | 1             | 5             | 2             |
| November     | 2             | 1             | 3             | 0             | 1             | 0             | 4             | 1             | 5             | 2             |
| December     | 6             | 0             | 5             | 2             | 4             | 0             | 1             | 0             | 3             | 2             |
| <b>Total</b> | <b>44</b>     | <b>6</b>      | <b>52</b>     | <b>11</b>     | <b>51</b>     | <b>7</b>      | <b>51</b>     | <b>9</b>      | <b>41</b>     | <b>9</b>      |

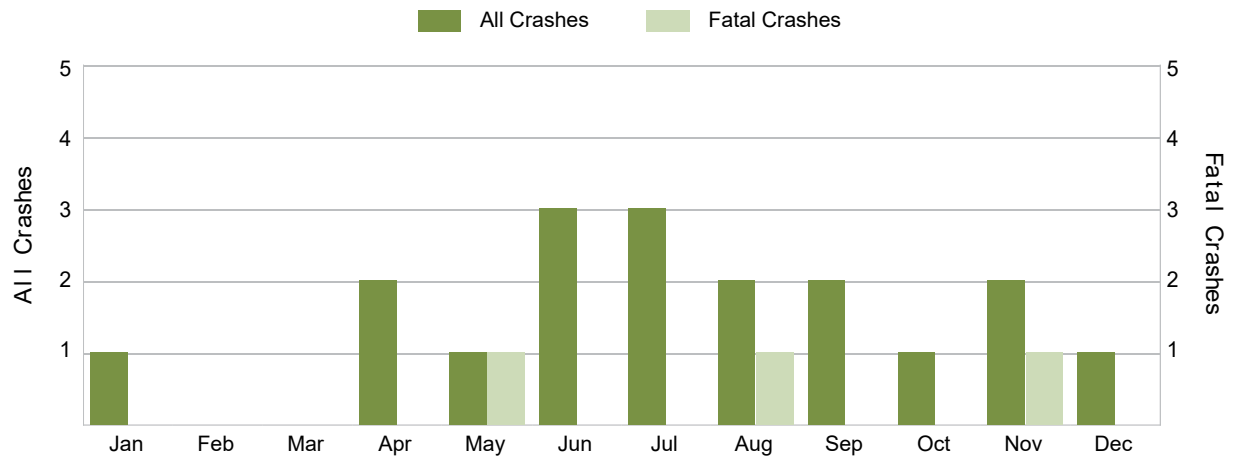
## 2021 Pedestrian-Involved Crashes by Month



5-Year Trend - Bicyclist-Involved Crashes by Month

| Month        | 2017          |               | 2018          |               | 2019          |               | 2020          |               | 2021          |               |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|              | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes | Total Crashes | Fatal Crashes |
| January      | 0             | 0             | 0             | 0             | 1             | 0             | 0             | 0             | 1             | 0             |
| February     | 0             | 0             | 1             | 0             | 0             | 0             | 0             | 0             | 0             | 0             |
| March        | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             | 0             |
| April        | 2             | 0             | 1             | 0             | 1             | 0             | 2             | 1             | 2             | 0             |
| May          | 2             | 0             | 3             | 0             | 4             | 0             | 0             | 0             | 1             | 1             |
| June         | 3             | 0             | 2             | 0             | 3             | 0             | 2             | 0             | 3             | 0             |
| July         | 2             | 0             | 0             | 0             | 8             | 1             | 5             | 0             | 3             | 0             |
| August       | 1             | 0             | 5             | 0             | 7             | 1             | 1             | 0             | 2             | 1             |
| September    | 6             | 1             | 3             | 1             | 2             | 0             | 4             | 0             | 2             | 0             |
| October      | 4             | 0             | 2             | 0             | 2             | 0             | 2             | 0             | 1             | 0             |
| November     | 0             | 0             | 1             | 0             | 1             | 0             | 2             | 1             | 2             | 1             |
| December     | 0             | 0             | 1             | 0             | 0             | 0             | 1             | 1             | 1             | 0             |
| <b>Total</b> | <b>20</b>     | <b>1</b>      | <b>19</b>     | <b>1</b>      | <b>29</b>     | <b>2</b>      | <b>19</b>     | <b>3</b>      | <b>18</b>     | <b>3</b>      |

2021 Bicyclist-Involved Crashes by Month



## 2021 - Reported Motor Vehicle Crashes by County

| County         | Crashes |       |        |                 |             |          |             |              |                  |               |               |                     |                    |
|----------------|---------|-------|--------|-----------------|-------------|----------|-------------|--------------|------------------|---------------|---------------|---------------------|--------------------|
|                | Total   | Fatal | Injury | Property Damage | Inter-State | US Route | State Route | Local Street | Alcohol-Involved | Drug-Involved | Deer-Involved | Pedestrian-Involved | Bicyclist-Involved |
| Alcona         | 12      | 0     | 1      | 11              | 0           | 1        | 3           | 8            | 0                | 0             | 2             | 0                   | 0                  |
| Alger          | 12      | 0     | 0      | 12              | 0           | 1        | 6           | 5            | 0                | 0             | 0             | 0                   | 0                  |
| Allegan        | 268     | 0     | 49     | 219             | 57          | 62       | 47          | 102          | 3                | 2             | 20            | 1                   | 0                  |
| Alpena         | 26      | 0     | 9      | 17              | 0           | 6        | 11          | 8            | 0                | 1             | 5             | 0                   | 0                  |
| Antrim         | 25      | 0     | 5      | 20              | 0           | 9        | 5           | 11           | 0                | 0             | 5             | 0                   | 0                  |
| Arenac         | 16      | 0     | 4      | 12              | 3           | 1        | 4           | 8            | 1                | 1             | 1             | 0                   | 0                  |
| Baraga         | 12      | 0     | 1      | 11              | 0           | 12       | 0           | 0            | 0                | 0             | 4             | 0                   | 0                  |
| Barry          | 46      | 0     | 14     | 32              | 0           | 0        | 31          | 14           | 0                | 0             | 3             | 0                   | 0                  |
| Bay            | 88      | 0     | 15     | 73              | 15          | 3        | 31          | 39           | 1                | 3             | 4             | 0                   | 0                  |
| Benzie         | 16      | 0     | 3      | 13              | 0           | 4        | 3           | 9            | 0                | 1             | 3             | 0                   | 0                  |
| Berrien        | 307     | 3     | 64     | 240             | 143         | 44       | 32          | 88           | 10               | 2             | 17            | 0                   | 0                  |
| Branch         | 76      | 0     | 12     | 64              | 25          | 25       | 1           | 25           | 0                | 1             | 18            | 0                   | 0                  |
| Calhoun        | 243     | 2     | 36     | 205             | 132         | 0        | 28          | 81           | 2                | 1             | 17            | 2                   | 0                  |
| Cass           | 50      | 1     | 5      | 44              | 0           | 6        | 19          | 25           | 1                | 2             | 5             | 0                   | 0                  |
| Charlevoix     | 21      | 1     | 3      | 17              | 0           | 8        | 5           | 8            | 0                | 0             | 3             | 0                   | 0                  |
| Cheboygan      | 30      | 0     | 3      | 27              | 6           | 1        | 8           | 15           | 0                | 0             | 4             | 0                   | 0                  |
| Chippewa       | 21      | 0     | 3      | 18              | 10          | 0        | 4           | 7            | 1                | 0             | 2             | 0                   | 0                  |
| Clare          | 29      | 0     | 6      | 23              | 0           | 11       | 7           | 11           | 1                | 0             | 4             | 0                   | 0                  |
| Clinton        | 78      | 0     | 18     | 60              | 36          | 9        | 7           | 26           | 0                | 1             | 5             | 1                   | 0                  |
| Crawford       | 22      | 0     | 10     | 12              | 8           | 2        | 4           | 8            | 1                | 2             | 7             | 0                   | 0                  |
| Delta          | 42      | 0     | 8      | 34              | 0           | 21       | 9           | 12           | 0                | 0             | 8             | 0                   | 0                  |
| Dickinson      | 24      | 1     | 2      | 21              | 0           | 11       | 6           | 7            | 0                | 1             | 4             | 0                   | 0                  |
| Eaton          | 160     | 2     | 26     | 132             | 64          | 0        | 43          | 53           | 4                | 1             | 17            | 0                   | 1                  |
| Emmet          | 45      | 1     | 11     | 33              | 0           | 21       | 3           | 21           | 0                | 0             | 4             | 0                   | 1                  |
| Genesee        | 489     | 3     | 98     | 388             | 93          | 65       | 65          | 264          | 8                | 12            | 6             | 3                   | 0                  |
| Gladwin        | 17      | 0     | 1      | 16              | 0           | 0        | 7           | 10           | 0                | 0             | 3             | 0                   | 0                  |
| Gogebic        | 7       | 0     | 2      | 5               | 0           | 3        | 2           | 2            | 0                | 0             | 0             | 0                   | 0                  |
| Grand Traverse | 143     | 3     | 16     | 124             | 0           | 44       | 26          | 73           | 0                | 2             | 8             | 1                   | 1                  |
| Gratiot        | 51      | 0     | 6      | 45              | 0           | 17       | 15          | 19           | 1                | 0             | 9             | 0                   | 0                  |
| Hillsdale      | 46      | 1     | 6      | 39              | 0           | 15       | 12          | 19           | 0                | 1             | 11            | 1                   | 0                  |
| Houghton       | 32      | 1     | 4      | 27              | 0           | 19       | 4           | 9            | 1                | 1             | 1             | 0                   | 0                  |
| Huron          | 45      | 0     | 13     | 32              | 0           | 0        | 16          | 28           | 2                | 1             | 10            | 0                   | 0                  |
| Ingham         | 323     | 1     | 55     | 267             | 69          | 16       | 68          | 170          | 3                | 1             | 8             | 1                   | 1                  |
| Ionia          | 94      | 2     | 20     | 72              | 53          | 0        | 16          | 25           | 1                | 0             | 1             | 0                   | 0                  |
| Iosco          | 14      | 2     | 4      | 8               | 0           | 6        | 2           | 6            | 0                | 2             | 2             | 1                   | 0                  |
| Iron           | 11      | 0     | 3      | 8               | 0           | 6        | 3           | 2            | 0                | 0             | 5             | 0                   | 0                  |
| Isabella       | 58      | 0     | 8      | 50              | 0           | 20       | 10          | 28           | 1                | 1             | 6             | 1                   | 0                  |
| Jackson        | 239     | 1     | 36     | 202             | 86          | 12       | 30          | 111          | 2                | 2             | 12            | 1                   | 0                  |
| Kalamazoo      | 451     | 3     | 87     | 361             | 107         | 40       | 44          | 257          | 3                | 3             | 13            | 2                   | 0                  |
| Kalkaska       | 32      | 0     | 4      | 28              | 0           | 12       | 10          | 10           | 0                | 1             | 6             | 0                   | 0                  |
| Kent           | 1,095   | 7     | 179    | 909             | 131         | 128      | 236         | 600          | 21               | 4             | 18            | 3                   | 1                  |
| Keweenaw       | 0       | 0     | 0      | 0               | 0           | 0        | 0           | 0            | 0                | 0             | 0             | 0                   | 0                  |
| Lake           | 9       | 0     | 0      | 9               | 0           | 3        | 5           | 1            | 0                | 0             | 3             | 0                   | 0                  |

Additional counties are on the following page.

# Commercial Motor Vehicles (continued)

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## 2021 - Reported Motor Vehicle Crashes by County (continued)

| County       | Crashes       |           |              |                 |              |              |              |              |                  |               |               |                     |                    |
|--------------|---------------|-----------|--------------|-----------------|--------------|--------------|--------------|--------------|------------------|---------------|---------------|---------------------|--------------------|
|              | Total         | Fatal     | Injury       | Property Damage | Inter-State  | US Route     | State Route  | Local Street | Alcohol-Involved | Drug-Involved | Deer-Involved | Pedestrian-Involved | Bicyclist-Involved |
| Lapeer       | 95            | 2         | 23           | 70              | 19           | 0            | 40           | 36           | 1                | 1             | 13            | 1                   | 0                  |
| Leelanau     | 15            | 0         | 0            | 15              | 0            | 0            | 8            | 7            | 0                | 0             | 1             | 0                   | 0                  |
| Lenawee      | 116           | 1         | 26           | 89              | 0            | 36           | 29           | 51           | 1                | 1             | 8             | 0                   | 0                  |
| Livingston   | 206           | 0         | 34           | 172             | 52           | 42           | 24           | 87           | 7                | 1             | 11            | 1                   | 0                  |
| Luce         | 4             | 1         | 0            | 3               | 0            | 0            | 1            | 3            | 0                | 0             | 1             | 0                   | 0                  |
| Mackinac     | 25            | 0         | 3            | 22              | 10           | 8            | 4            | 3            | 1                | 1             | 5             | 0                   | 0                  |
| Macomb       | 1,243         | 4         | 207          | 1,032           | 128          | 0            | 331          | 783          | 11               | 7             | 1             | 0                   | 1                  |
| Manistee     | 17            | 0         | 0            | 17              | 0            | 7            | 2            | 8            | 1                | 0             | 5             | 0                   | 0                  |
| Marquette    | 61            | 0         | 10           | 51              | 0            | 27           | 15           | 18           | 1                | 2             | 5             | 0                   | 0                  |
| Mason        | 32            | 0         | 4            | 28              | 0            | 19           | 0            | 13           | 0                | 1             | 3             | 0                   | 0                  |
| Mecosta      | 54            | 0         | 8            | 46              | 0            | 10           | 24           | 20           | 1                | 0             | 11            | 0                   | 0                  |
| Menominee    | 26            | 0         | 8            | 18              | 0            | 15           | 3            | 7            | 0                | 1             | 2             | 1                   | 0                  |
| Midland      | 71            | 2         | 9            | 60              | 0            | 10           | 13           | 48           | 2                | 1             | 5             | 0                   | 0                  |
| Missaukee    | 20            | 0         | 2            | 18              | 0            | 0            | 12           | 8            | 0                | 0             | 6             | 0                   | 0                  |
| Monroe       | 341           | 0         | 66           | 275             | 123          | 66           | 24           | 128          | 4                | 4             | 3             | 0                   | 0                  |
| Montcalm     | 58            | 2         | 14           | 42              | 0            | 10           | 29           | 18           | 1                | 1             | 3             | 0                   | 0                  |
| Montmorency  | 11            | 0         | 2            | 9               | 0            | 0            | 4            | 7            | 0                | 0             | 3             | 0                   | 0                  |
| Muskegon     | 156           | 1         | 20           | 135             | 4            | 42           | 25           | 85           | 2                | 3             | 3             | 0                   | 0                  |
| Nawaygo      | 27            | 1         | 4            | 22              | 0            | 0            | 17           | 10           | 0                | 0             | 4             | 0                   | 0                  |
| Oakland      | 1,769         | 3         | 288          | 1,478           | 356          | 152          | 269          | 991          | 16               | 7             | 11            | 4                   | 2                  |
| Oceana       | 29            | 0         | 3            | 26              | 0            | 8            | 4            | 16           | 0                | 0             | 7             | 0                   | 0                  |
| Ogemaw       | 17            | 3         | 3            | 11              | 1            | 0            | 7            | 8            | 0                | 1             | 2             | 0                   | 0                  |
| Ontonagon    | 8             | 0         | 0            | 8               | 0            | 1            | 4            | 3            | 0                | 0             | 4             | 0                   | 0                  |
| Osceola      | 41            | 1         | 6            | 34              | 0            | 18           | 9            | 14           | 0                | 0             | 4             | 0                   | 0                  |
| Oscoda       | 6             | 1         | 0            | 5               | 0            | 0            | 5            | 1            | 1                | 0             | 1             | 0                   | 0                  |
| Otsego       | 39            | 0         | 6            | 33              | 7            | 0            | 14           | 18           | 0                | 0             | 3             | 0                   | 0                  |
| Ottawa       | 405           | 3         | 77           | 325             | 49           | 53           | 53           | 249          | 6                | 3             | 13            | 0                   | 3                  |
| Presque Isle | 8             | 0         | 2            | 6               | 0            | 3            | 3            | 2            | 0                | 0             | 2             | 0                   | 0                  |
| Roscommon    | 31            | 1         | 8            | 22              | 4            | 2            | 14           | 11           | 1                | 1             | 7             | 0                   | 1                  |
| Saginaw      | 223           | 1         | 32           | 190             | 29           | 0            | 98           | 95           | 1                | 1             | 8             | 0                   | 1                  |
| St. Clair    | 159           | 1         | 29           | 129             | 44           | 0            | 32           | 83           | 1                | 3             | 15            | 0                   | 0                  |
| St. Joseph   | 81            | 0         | 17           | 64              | 0            | 30           | 22           | 29           | 1                | 1             | 2             | 0                   | 0                  |
| Sanilac      | 40            | 1         | 6            | 33              | 0            | 0            | 25           | 15           | 1                | 0             | 6             | 0                   | 0                  |
| Schoolcraft  | 13            | 0         | 0            | 13              | 0            | 8            | 5            | 0            | 0                | 0             | 2             | 0                   | 0                  |
| Shiawassee   | 87            | 1         | 18           | 68              | 25           | 0            | 32           | 30           | 1                | 1             | 9             | 1                   | 0                  |
| Tuscola      | 51            | 1         | 11           | 39              | 0            | 0            | 27           | 24           | 0                | 2             | 8             | 0                   | 0                  |
| Van Buren    | 142           | 5         | 28           | 109             | 62           | 0            | 21           | 58           | 2                | 3             | 20            | 1                   | 0                  |
| Washtenaw    | 560           | 3         | 86           | 471             | 125          | 137          | 58           | 239          | 10               | 2             | 12            | 0                   | 1                  |
| Wayne        | 3,128         | 17        | 570          | 2,541           | 811          | 209          | 503          | 1,592        | 40               | 20            | 1             | 13                  | 4                  |
| Wexford      | 53            | 2         | 7            | 44              | 0            | 16           | 22           | 15           | 0                | 0             | 6             | 1                   | 0                  |
| <b>Total</b> | <b>14,293</b> | <b>93</b> | <b>2,487</b> | <b>11,713</b>   | <b>2,887</b> | <b>1,593</b> | <b>2,720</b> | <b>7,058</b> | <b>182</b>       | <b>119</b>    | <b>520</b>    | <b>41</b>           | <b>18</b>          |

## Commercial Motor Vehicles (continued)

## 2021 - People in Reported Motor Vehicle Crashes by County

| County         | People     |                            |                          |                   |             |                  |
|----------------|------------|----------------------------|--------------------------|-------------------|-------------|------------------|
|                | Fatalities | Suspected Serious Injuries | Suspected Minor Injuries | Possible Injuries | No Injuries | Uncoded & Errors |
| Alcona         | 0          | 0                          | 1                        | 0                 | 22          | 0                |
| Alger          | 0          | 0                          | 0                        | 0                 | 20          | 2                |
| Allegan        | 0          | 20                         | 51                       | 60                | 459         | 14               |
| Alpena         | 0          | 8                          | 17                       | 15                | 50          | 0                |
| Antrim         | 0          | 3                          | 4                        | 2                 | 31          | 1                |
| Arenac         | 0          | 2                          | 7                        | 4                 | 33          | 0                |
| Baraga         | 0          | 0                          | 0                        | 2                 | 17          | 1                |
| Barry          | 0          | 7                          | 20                       | 4                 | 71          | 3                |
| Bay            | 0          | 1                          | 32                       | 24                | 174         | 10               |
| Benzie         | 0          | 0                          | 3                        | 2                 | 26          | 1                |
| Berrien        | 3          | 25                         | 43                       | 82                | 539         | 19               |
| Branch         | 0          | 0                          | 19                       | 13                | 139         | 2                |
| Calhoun        | 2          | 40                         | 37                       | 17                | 410         | 26               |
| Cass           | 1          | 6                          | 5                        | 6                 | 92          | 3                |
| Charlevoix     | 1          | 0                          | 0                        | 7                 | 36          | 2                |
| Cheboygan      | 0          | 2                          | 3                        | 1                 | 45          | 1                |
| Chippewa       | 0          | 4                          | 1                        | 0                 | 31          | 3                |
| Clare          | 0          | 2                          | 3                        | 7                 | 46          | 0                |
| Clinton        | 0          | 4                          | 19                       | 10                | 128         | 5                |
| Crawford       | 0          | 5                          | 8                        | 10                | 28          | 1                |
| Delta          | 0          | 5                          | 0                        | 22                | 72          | 3                |
| Dickinson      | 2          | 3                          | 0                        | 2                 | 42          | 0                |
| Eaton          | 2          | 8                          | 23                       | 32                | 282         | 25               |
| Emmet          | 1          | 0                          | 5                        | 19                | 71          | 6                |
| Genesee        | 4          | 21                         | 88                       | 165               | 944         | 70               |
| Gladwin        | 0          | 0                          | 5                        | 0                 | 34          | 1                |
| Gogebic        | 0          | 0                          | 0                        | 5                 | 12          | 0                |
| Grand Traverse | 3          | 5                          | 14                       | 20                | 237         | 15               |
| Gratiot        | 0          | 3                          | 7                        | 5                 | 92          | 2                |
| Hillsdale      | 2          | 3                          | 5                        | 6                 | 66          | 3                |
| Houghton       | 1          | 3                          | 0                        | 8                 | 59          | 6                |
| Huron          | 0          | 9                          | 13                       | 7                 | 59          | 1                |
| Ingham         | 1          | 12                         | 49                       | 90                | 607         | 60               |
| Ionia          | 2          | 12                         | 6                        | 26                | 161         | 7                |
| Iosco          | 3          | 1                          | 2                        | 4                 | 20          | 1                |
| Iron           | 0          | 0                          | 3                        | 1                 | 10          | 0                |
| Isabella       | 0          | 0                          | 5                        | 11                | 93          | 6                |
| Jackson        | 1          | 9                          | 28                       | 55                | 410         | 22               |
| Kalamazoo      | 3          | 28                         | 79                       | 137               | 810         | 88               |
| Kalkaska       | 0          | 0                          | 8                        | 6                 | 51          | 3                |
| Kent           | 8          | 57                         | 139                      | 306               | 2,106       | 148              |
| Keweenaw       | 0          | 0                          | 0                        | 0                 | 0           | 0                |
| Lake           | 0          | 0                          | 0                        | 0                 | 17          | 0                |

Additional counties are on the following page.

## 2021 - People in Reported Motor Vehicle Crashes by County (continued)

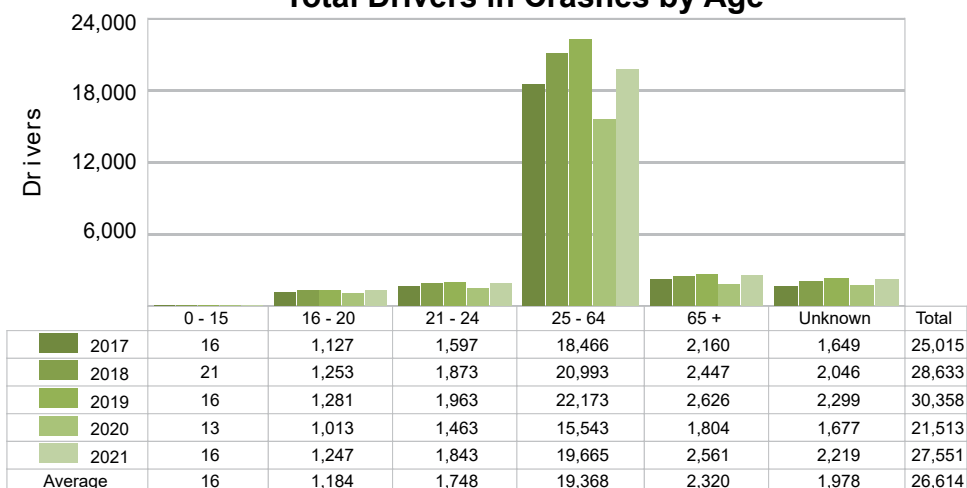
| County       | People     |                            |                          |                   |               |                  |
|--------------|------------|----------------------------|--------------------------|-------------------|---------------|------------------|
|              | Fatalities | Suspected Serious Injuries | Suspected Minor Injuries | Possible Injuries | No Injuries   | Uncoded & Errors |
| Lapeer       | 2          | 0                          | 20                       | 28                | 160           | 6                |
| Leelanau     | 0          | 0                          | 0                        | 0                 | 20            | 5                |
| Lenawee      | 1          | 2                          | 26                       | 31                | 201           | 15               |
| Livingston   | 0          | 6                          | 37                       | 47                | 368           | 12               |
| Luce         | 1          | 0                          | 0                        | 0                 | 6             | 0                |
| Mackinac     | 0          | 2                          | 6                        | 0                 | 36            | 2                |
| Macomb       | 5          | 39                         | 148                      | 384               | 2,316         | 225              |
| Manistee     | 0          | 0                          | 0                        | 0                 | 27            | 2                |
| Marquette    | 0          | 4                          | 14                       | 4                 | 96            | 7                |
| Mason        | 0          | 1                          | 7                        | 5                 | 57            | 1                |
| Mecosta      | 0          | 2                          | 9                        | 11                | 95            | 4                |
| Menominee    | 0          | 9                          | 3                        | 5                 | 36            | 1                |
| Midland      | 3          | 3                          | 10                       | 11                | 120           | 6                |
| Missaukee    | 0          | 2                          | 5                        | 0                 | 28            | 2                |
| Monroe       | 0          | 36                         | 49                       | 94                | 641           | 46               |
| Montcalm     | 2          | 3                          | 8                        | 34                | 110           | 8                |
| Montmorency  | 0          | 3                          | 2                        | 0                 | 19            | 0                |
| Muskegon     | 1          | 8                          | 8                        | 32                | 295           | 14               |
| Newaygo      | 1          | 0                          | 5                        | 7                 | 48            | 0                |
| Oakland      | 3          | 66                         | 273                      | 451               | 3,340         | 338              |
| Oceana       | 0          | 2                          | 7                        | 0                 | 53            | 1                |
| Ogemaw       | 3          | 0                          | 5                        | 4                 | 28            | 2                |
| Ontonagon    | 0          | 0                          | 0                        | 0                 | 9             | 0                |
| Osceola      | 1          | 2                          | 5                        | 4                 | 74            | 3                |
| Oscoda       | 1          | 0                          | 0                        | 0                 | 8             | 0                |
| Otsego       | 0          | 2                          | 2                        | 12                | 84            | 1                |
| Ottawa       | 4          | 29                         | 62                       | 118               | 736           | 33               |
| Presque Isle | 0          | 0                          | 1                        | 2                 | 11            | 0                |
| Roscommon    | 1          | 6                          | 10                       | 6                 | 53            | 2                |
| Saginaw      | 1          | 3                          | 42                       | 55                | 486           | 24               |
| St. Clair    | 1          | 8                          | 38                       | 47                | 305           | 27               |
| St. Joseph   | 0          | 6                          | 17                       | 18                | 137           | 5                |
| Sanilac      | 1          | 0                          | 6                        | 7                 | 72            | 2                |
| Schoolcraft  | 0          | 0                          | 0                        | 0                 | 21            | 1                |
| Shiawassee   | 1          | 7                          | 21                       | 22                | 151           | 4                |
| Tuscola      | 1          | 8                          | 47                       | 4                 | 94            | 1                |
| Van Buren    | 6          | 8                          | 27                       | 37                | 239           | 4                |
| Washtenaw    | 4          | 37                         | 75                       | 131               | 1,036         | 95               |
| Wayne        | 17         | 174                        | 417                      | 1,039             | 5,763         | 834              |
| Wexford      | 2          | 6                          | 0                        | 10                | 82            | 8                |
| <b>Total</b> | <b>103</b> | <b>792</b>                 | <b>2,164</b>             | <b>3,853</b>      | <b>26,113</b> | <b>2,302</b>     |

# Commercial Motor Vehicles (continued)

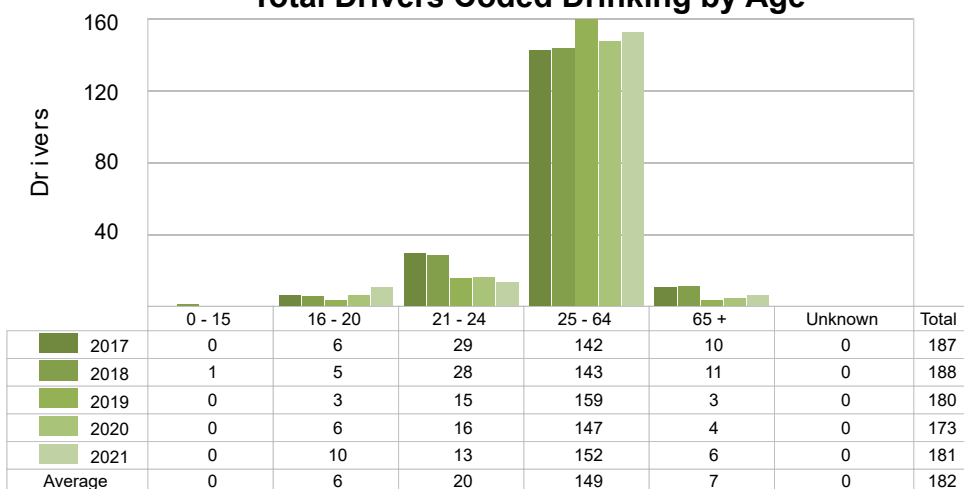
## 5-Year Trend - Drivers in Crashes Coded Drinking by Driver Age

| Driver Age   | 2017                     |                              | 2018                     |                              | 2019                     |                              | 2020                     |                              | 2021                     |                              |
|--------------|--------------------------|------------------------------|--------------------------|------------------------------|--------------------------|------------------------------|--------------------------|------------------------------|--------------------------|------------------------------|
|              | Total Drivers in Crashes | Total Drivers Coded Drinking | Total Drivers in Crashes | Total Drivers Coded Drinking | Total Drivers in Crashes | Total Drivers Coded Drinking | Total Drivers in Crashes | Total Drivers Coded Drinking | Total Drivers in Crashes | Total Drivers Coded Drinking |
| 0 - 15       | 16                       | 0                            | 21                       | 1                            | 16                       | 0                            | 13                       | 0                            | 16                       | 0                            |
| 16 - 20      | 1,127                    | 6                            | 1,253                    | 5                            | 1,281                    | 3                            | 1,013                    | 6                            | 1,247                    | 10                           |
| 21 - 24      | 1,597                    | 29                           | 1,873                    | 28                           | 1,963                    | 15                           | 1,463                    | 16                           | 1,843                    | 13                           |
| 25 - 64      | 18,466                   | 142                          | 20,993                   | 143                          | 22,173                   | 159                          | 15,543                   | 147                          | 19,665                   | 152                          |
| 65 +         | 2,160                    | 10                           | 2,447                    | 11                           | 2,626                    | 3                            | 1,804                    | 4                            | 2,561                    | 6                            |
| Unknown      | 1,649                    | 0                            | 2,046                    | 0                            | 2,299                    | 0                            | 1,677                    | 0                            | 2,219                    | 0                            |
| <b>Total</b> | <b>25,015</b>            | <b>187</b>                   | <b>28,633</b>            | <b>188</b>                   | <b>30,358</b>            | <b>180</b>                   | <b>21,513</b>            | <b>173</b>                   | <b>27,551</b>            | <b>181</b>                   |

## 5-Year Trend Total Drivers in Crashes by Age



## 5-Year Trend Total Drivers Coded Drinking by Age



## 2021 - Bodily Alcohol Concentration (BAC) Results Among All Vehicle Drivers in Alcohol-Involved Crashes by Age

| Age Group    | Drivers                                   |                                     |                                      |                              | BAC Result Range for Drivers Coded Drinking |                            |                            |                         |                  |
|--------------|-------------------------------------------|-------------------------------------|--------------------------------------|------------------------------|---------------------------------------------|----------------------------|----------------------------|-------------------------|------------------|
|              | Total Drivers in Alcohol-Involved Crashes | Total Drivers Tested in all Crashes | Total Drivers Coded Drinking, Tested | Total Drivers Coded Drinking | BAC = 0.00                                  | BAC 0.01 g/dL to 0.07 g/dL | BAC 0.08 g/dL to 0.16 g/dL | BAC 0.17 g/dL and Above | BAC Not Reported |
| 0 - 15       | 0                                         | 0                                   | 0                                    | 0                            | 0                                           | 0                          | 0                          | 0                       | 0                |
| 16 - 20      | 13                                        | 21                                  | 10                                   | 10                           | 0                                           | 2                          | 5                          | 1                       | 2                |
| 21 - 24      | 22                                        | 31                                  | 12                                   | 13                           | 0                                           | 1                          | 5                          | 3                       | 4                |
| 25 - 64      | 293                                       | 318                                 | 133                                  | 152                          | 0                                           | 10                         | 38                         | 50                      | 54               |
| 65 +         | 18                                        | 25                                  | 5                                    | 6                            | 0                                           | 2                          | 0                          | 1                       | 3                |
| Unknown      | 23                                        | 1                                   | 0                                    | 0                            | 0                                           | 0                          | 0                          | 0                       | 0                |
| <b>Total</b> | <b>369</b>                                | <b>396</b>                          | <b>160</b>                           | <b>181</b>                   | <b>0</b>                                    | <b>15</b>                  | <b>48</b>                  | <b>55</b>               | <b>63</b>        |

Notes: BAC measured in grams (g) per deciliter (dL).

BAC may not be reported if drivers are not tested or if the results are not available immediately (as in the case of a blood test).

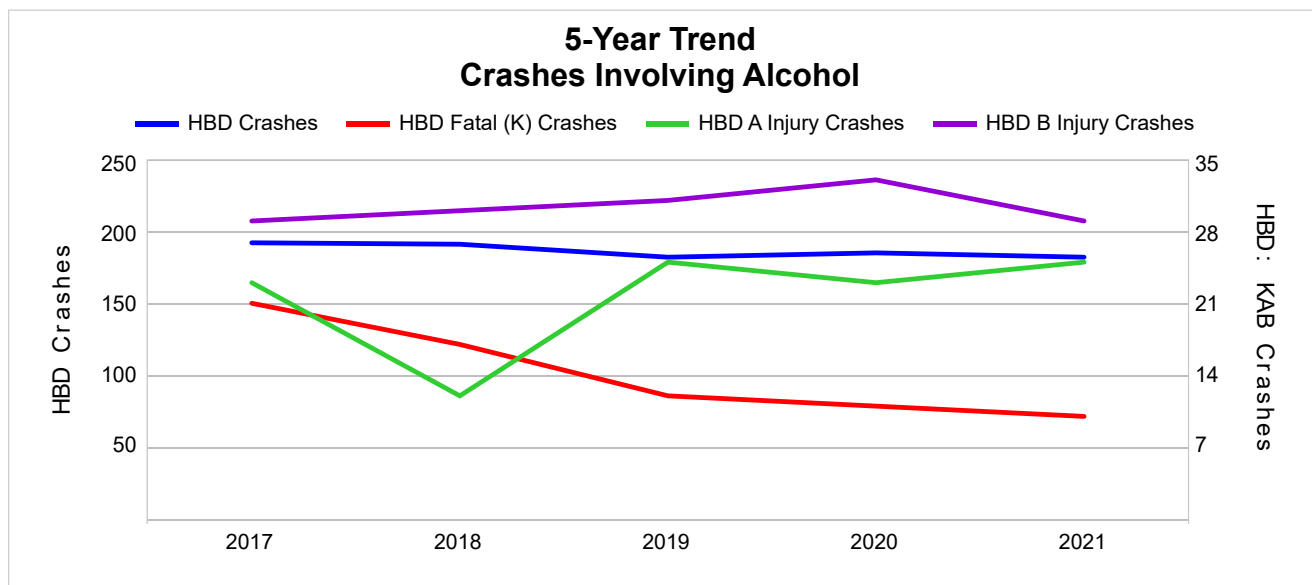
A driver may be coded by the officer as drinking even though no test is administered.

## 5-Year Trend - Crashes Involving Alcohol

| Year | All Crashes | HBD Crashes | % HBD | Fatal Crashes | HBD Fatal Crashes | % HBD  | A Injury Crashes | HBD A Injury Crashes | % HBD | B Injury Crashes | HBD B Injury Crashes | % HBD |
|------|-------------|-------------|-------|---------------|-------------------|--------|------------------|----------------------|-------|------------------|----------------------|-------|
| 2017 | 12,886      | 192         | 1.5   | 84            | 21                | 25.0   | 288              | 23                   | 8.0   | 688              | 29                   | 4.2   |
| 2018 | 14,803      | 191         | 1.3   | 102           | 17                | 16.7   | 300              | 12                   | 4.0   | 701              | 30                   | 4.3   |
| 2019 | 15,798      | 182         | 1.2   | 98            | 12                | 12.2   | 309              | 25                   | 8.1   | 761              | 31                   | 4.1   |
| 2020 | 11,344      | 185         | 1.6   | 77            | 11                | 14.3   | 226              | 23                   | 10.2  | 608              | 33                   | 5.4   |
| 2021 | 14,293      | 182         | 1.3   | 93            | 10 *              | 10.8 * | 283              | 25                   | 8.8   | 760              | 29                   | 3.8 * |

Note: \* Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column.

\*\* Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column.



Note: Had-Been-Drinking (HBD)

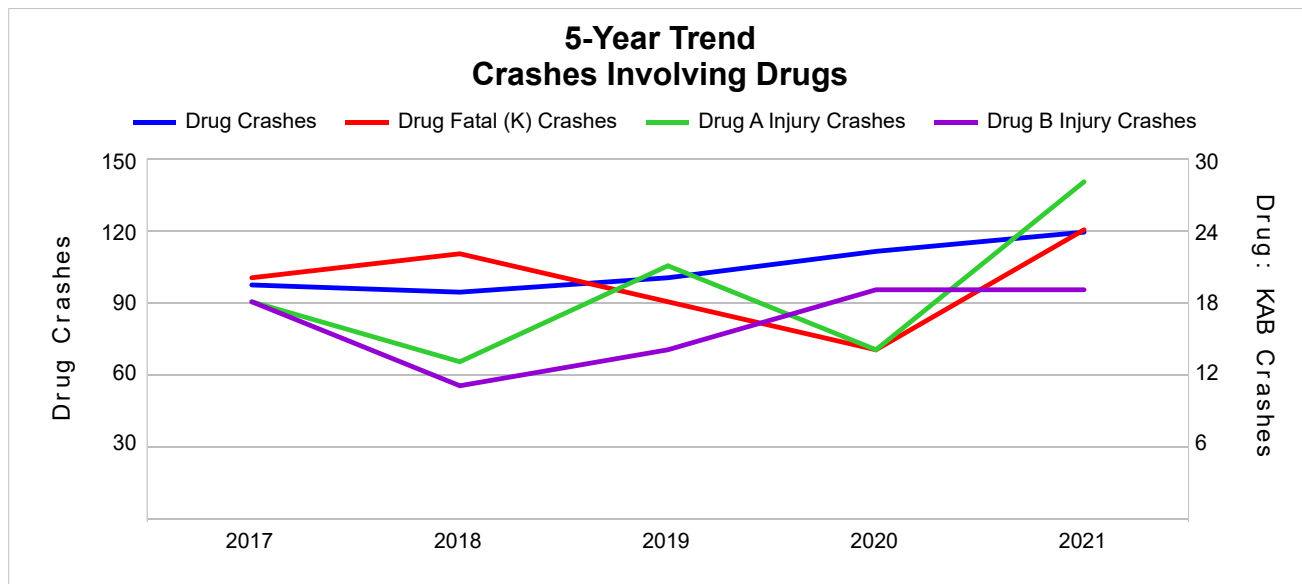
# Commercial Motor Vehicles (continued)

## 5-Year Trend - Crashes Involving Drugs

| Year | All Crashes | Drug Crashes | % Drug | Fatal Crashes | Drug Fatal Crashes | % Drug  | A Injury Crashes | Drug A Injury Crashes | % Drug | B Injury Crashes | Drug B Injury Crashes | % Drug |
|------|-------------|--------------|--------|---------------|--------------------|---------|------------------|-----------------------|--------|------------------|-----------------------|--------|
| 2017 | 12,886      | 97           | 0.8    | 84            | 20                 | 23.8    | 288              | 18                    | 6.3    | 688              | 18                    | 2.6    |
| 2018 | 14,803      | 94           | 0.6    | 102           | 22                 | 21.6    | 300              | 13                    | 4.3    | 701              | 11                    | 1.6    |
| 2019 | 15,798      | 100          | 0.6    | 98            | 18                 | 18.4    | 309              | 21                    | 6.8    | 761              | 14                    | 1.8    |
| 2020 | 11,344      | 111          | 1.0    | 77            | 14                 | 18.2    | 226              | 14                    | 6.2    | 608              | 19                    | 3.1    |
| 2021 | 14,293      | 119 **       | 0.8    | 93            | 24 **              | 25.8 ** | 283              | 28 **                 | 9.9 ** | 760              | 19                    | 2.5    |

Note: \* Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column.

\*\* Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column.

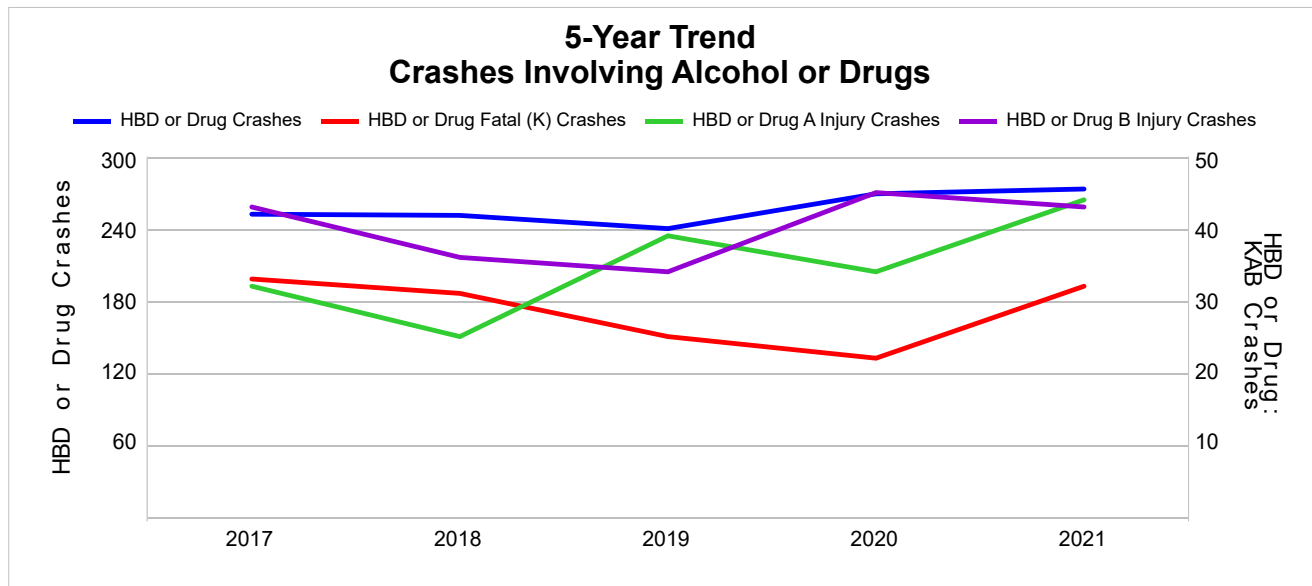


## 5-Year Trend - Crashes Involving Alcohol or Drugs

| Year | All Crashes | HBD or Drug Crashes | % HBD or Drug | Fatal Crashes | HBD or Drug Fatal Crashes | % HBD or Drug | A Injury Crashes | HBD or Drug A Injury Crashes | % HBD or Drug | B Injury Crashes | HBD or Drug B Injury Crashes | % HBD or Drug |
|------|-------------|---------------------|---------------|---------------|---------------------------|---------------|------------------|------------------------------|---------------|------------------|------------------------------|---------------|
| 2017 | 12,886      | 252                 | 2.0           | 84            | 33                        | 39.3          | 288              | 32                           | 11.1          | 688              | 43                           | 6.3           |
| 2018 | 14,803      | 251                 | 1.7           | 102           | 31                        | 30.4          | 300              | 25                           | 8.3           | 701              | 36                           | 5.1           |
| 2019 | 15,798      | 240                 | 1.5           | 98            | 25                        | 25.5          | 309              | 39                           | 12.6          | 761              | 34                           | 4.5           |
| 2020 | 11,344      | 269                 | 2.4           | 77            | 22                        | 28.6          | 226              | 34                           | 15.0          | 608              | 45                           | 7.4           |
| 2021 | 14,293      | 273 **              | 1.9           | 93            | 32                        | 34.4          | 283              | 44 **                        | 15.5 **       | 760              | 43                           | 5.7           |

Note: \* Indicates that the most recent year is the lowest number or percentage reported in the 5-year period in that column.

\*\* Indicates that the most recent year is the highest number or percentage reported in the 5-year period in that column.



Note: Had-Been-Drinking (HBD)

## Commercial Motor Vehicles (continued)

## 2021 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Vehicle Type

| Vehicle Type                                                                    | Total Occupants |                |             | Fatalities |                |             | A - Suspected Serious |                |             | B - Suspected Minor |                |             | C - Possible Injury |                |             | No Injury     |                |             |
|---------------------------------------------------------------------------------|-----------------|----------------|-------------|------------|----------------|-------------|-----------------------|----------------|-------------|---------------------|----------------|-------------|---------------------|----------------|-------------|---------------|----------------|-------------|
|                                                                                 | Total           | Used Restraint | %           | Total      | Used Restraint | %           | Total                 | Used Restraint | %           | Total               | Used Restraint | %           | Total               | Used Restraint | %           | Total         | Used Restraint | %           |
| Passenger Car, SUV, Van                                                         | 10,863          | 9,279          | 85.4        | 47         | 27             | 57.4        | 211                   | 160            | 75.8        | 612                 | 544            | 88.9        | 1,327               | 1,213          | 91.4        | 7,763         | 7,335          | 94.5        |
| Motor Home                                                                      | 42              | 40             | 95.2        | 0          | 0              | 0.0         | 0                     | 0              | 0.0         | 3                   | 3              | 100.0       | 7                   | 7              | 100.0       | 30            | 30             | 100.0       |
| Pickup Truck                                                                    | 1,676           | 1,431          | 85.4        | 18         | 11             | 61.1        | 35                    | 21             | 60.0        | 73                  | 69             | 94.5        | 125                 | 120            | 96.0        | 1,265         | 1,210          | 95.7        |
| Small Truck Under 10,000 lbs. GVWR                                              | 66              | 50             | 75.8        | 1          | 0              | 0.0         | 1                     | 1              | 100.0       | 3                   | 3              | 100.0       | 4                   | 4              | 100.0       | 46            | 42             | 91.3        |
| Motorcycle                                                                      | 36              | 24             | 66.7        | 4          | 2              | 50.0        | 8                     | 4              | 50.0        | 11                  | 8              | 72.7        | 7                   | 5              | 71.4        | 5             | 5              | 100.0       |
| Moped/Goped                                                                     | 6               | 2              | 33.3        | 2          | 0              | 0.0         | 1                     | 0              | 0.0         | 1                   | 0              | 0.0         | 2                   | 2              | 100.0       | 0             | 0              | 0.0         |
| Go-Cart/Golf Cart                                                               | 0               | 0              | 0.0         | 0          | 0              | 0.0         | 0                     | 0              | 0.0         | 0                   | 0              | 0.0         | 0                   | 0              | 0.0         | 0             | 0              | 0.0         |
| Snowmobile                                                                      | 4               | 4              | 100.0       | 0          | 0              | 0.0         | 1                     | 1              | 100.0       | 1                   | 1              | 100.0       | 0                   | 0              | 0.0         | 2             | 2              | 100.0       |
| Off-Road Vehicle (ORV)/All-Terrain Vehicle (ATV)                                | 7               | 3              | 42.9        | 1          | 0              | 0.0         | 0                     | 0              | 0.0         | 2                   | 1              | 50.0        | 0                   | 0              | 0.0         | 4             | 2              | 50.0        |
| Other (non-registered farm equipment, construction equipment, snow plows, etc.) | 74              | 44             | 59.5        | 0          | 0              | 0.0         | 2                     | 2              | 100.0       | 1                   | 0              | 0.0         | 2                   | 2              | 100.0       | 50            | 40             | 80.0        |
| Truck/Bus (over 10,000 lbs. GVWR/8+ occupants/hazmat placard)                   | 15,233          | 13,364         | 87.7        | 18         | 5              | 27.8        | 63                    | 46             | 73.0        | 259                 | 202            | 78.0        | 565                 | 386            | 68.3        | 13,479        | 12,725         | 94.4        |
| Uncoded & Errors                                                                | 349             | 0              | 0.0         | 0          | 0              | 0.0         | 0                     | 0              | 0.0         | 0                   | 0              | 0.0         | 0                   | 0              | 0.0         | 0             | 0              | 0.0         |
| <b>Total</b>                                                                    | <b>28,356</b>   | <b>24,241</b>  | <b>85.5</b> | <b>91</b>  | <b>45</b>      | <b>49.5</b> | <b>322</b>            | <b>235</b>     | <b>73.0</b> | <b>966</b>          | <b>831</b>     | <b>86.0</b> | <b>2,039</b>        | <b>1,739</b>   | <b>85.3</b> | <b>22,644</b> | <b>21,391</b>  | <b>94.5</b> |

Note: Restraint Use includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, child restraint used, restraint failure, and helmet worn.

## 2021 - Restraints Worn Among Vehicle Drivers and Injured Passengers by Age

| Age Group    | Total Occupants |                |             | Fatalities |                |             | A - Suspected Serious |                |             | B - Suspected Minor |                |             | C - Possible Injury |                |             | No Injury     |                |             |
|--------------|-----------------|----------------|-------------|------------|----------------|-------------|-----------------------|----------------|-------------|---------------------|----------------|-------------|---------------------|----------------|-------------|---------------|----------------|-------------|
|              | Total           | Used Restraint | %           | Total      | Used Restraint | %           | Total                 | Used Restraint | %           | Total               | Used Restraint | %           | Total               | Used Restraint | %           | Total         | Used Restraint | %           |
| 0 - 15       | 208             | 143            | 68.8        | 1          | 0              | 0.0         | 14                    | 10             | 71.4        | 56                  | 41             | 73.2        | 125                 | 81             | 64.8        | 12            | 11             | 91.7        |
| 16 - 20      | 1,346           | 1,235          | 91.8        | 8          | 4              | 50.0        | 29                    | 20             | 69.0        | 72                  | 57             | 79.2        | 176                 | 143            | 81.3        | 1,057         | 1,011          | 95.6        |
| 21 - 24      | 1,915           | 1,781          | 93.0        | 5          | 2              | 40.0        | 27                    | 19             | 70.4        | 113                 | 94             | 83.2        | 165                 | 141            | 85.5        | 1,601         | 1,525          | 95.3        |
| 25 - 64      | 20,030          | 18,588         | 92.8        | 59         | 28             | 47.5        | 208                   | 150            | 72.1        | 606                 | 527            | 87.0        | 1,340               | 1,162          | 86.7        | 17,716        | 16,721         | 94.4        |
| 65 +         | 2,638           | 2,492          | 94.5        | 18         | 11             | 61.1        | 44                    | 36             | 81.8        | 119                 | 112            | 94.1        | 233                 | 212            | 91.0        | 2,222         | 2,121          | 95.5        |
| Unknown      | 2,219           | 2              | 0.1         | 0          | 0              | 0.0         | 0                     | 0              | 0.0         | 0                   | 0              | 0.0         | 0                   | 0              | 0.0         | 36            | 2              | 5.6         |
| <b>Total</b> | <b>28,356</b>   | <b>24,241</b>  | <b>85.5</b> | <b>91</b>  | <b>45</b>      | <b>49.5</b> | <b>322</b>            | <b>235</b>     | <b>73.0</b> | <b>966</b>          | <b>831</b>     | <b>86.0</b> | <b>2,039</b>        | <b>1,739</b>   | <b>85.3</b> | <b>22,644</b> | <b>21,391</b>  | <b>94.5</b> |

Note: Restraint Use includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, child restraint used, restraint failure, and helmet worn.

## 5-Year Trend - Restraint Use Among Drivers

| Restraint Use                                         | 2017          |               |                 | 2018          |               |                 | 2019          |               |                 | 2020          |               |                 | 2021          |               |                 |
|-------------------------------------------------------|---------------|---------------|-----------------|---------------|---------------|-----------------|---------------|---------------|-----------------|---------------|---------------|-----------------|---------------|---------------|-----------------|
|                                                       | Drivers       | Fatal Drivers | Injured Drivers | Drivers       | Fatal Drivers | Injured Drivers | Drivers       | Fatal Drivers | Injured Drivers | Drivers       | Fatal Drivers | Injured Drivers | Drivers       | Fatal Drivers | Injured Drivers |
| No Belts Available                                    | 44            | 0             | 2               | 44            | 1             | 4               | 55            | 0             | 1               | 49            | 0             | 5               | 57            | 0             | 8               |
| Shoulder Belt Only Used                               | 133           | 0             | 20              | 130           | 1             | 11              | 167           | 0             | 17              | 97            | 0             | 8               | 124           | 1             | 7               |
| Lap Belt Only Used                                    | 168           | 1             | 15              | 139           | 1             | 13              | 165           | 0             | 12              | 77            | 0             | 3               | 71            | 0             | 8               |
| Both Lap & Shoulder Belt Used                         | 22,020        | 44            | 2,148           | 25,036        | 53            | 2,283           | 26,210        | 46            | 2,356           | 18,375        | 31            | 1,726           | 23,500        | 35            | 2,265           |
| No Belts Used                                         | 187           | 11            | 45              | 203           | 13            | 74              | 214           | 16            | 78              | 176           | 17            | 60              | 194           | 18            | 70              |
| Child Restraint Used - Forward Facing                 | 0             | 0             | 0               | 0             | 0             | 0               | 0             | 0             | 0               | 0             | 0             | 0               | 0             | 0             | 0               |
| Child Restraint Not Used, Unavailable or Improper Use | 0             | 0             | 0               | 0             | 0             | 0               | 0             | 0             | 0               | 0             | 0             | 0               | 0             | 0             | 0               |
| Child Restraint Used - Rear Facing                    | 0             | 0             | 0               | 0             | 0             | 0               | 0             | 0             | 0               | 0             | 0             | 0               | 0             | 0             | 0               |
| Child Restraint Used - Booster Seat                   | 2             | 0             | 0               | 0             | 0             | 0               | 0             | 0             | 0               | 0             | 0             | 0               | 0             | 0             | 0               |
| Restraint Failure                                     | 8             | 0             | 1               | 1             | 0             | 0               | 11            | 0             | 4               | 2             | 0             | 0               | 4             | 0             | 0               |
| Restraint Use Unknown                                 | 2,070         | 9             | 96              | 2,684         | 11            | 132             | 3,079         | 9             | 111             | 2,399         | 7             | 113             | 3,113         | 14            | 150             |
| Helmet Worn                                           | 20            | 2             | 11              | 23            | 4             | 16              | 27            | 3             | 22              | 21            | 3             | 14              | 31            | 2             | 21              |
| Helmet Not Worn                                       | 10            | 1             | 8               | 7             | 2             | 3               | 16            | 2             | 13              | 8             | 1             | 6               | 12            | 3             | 8               |
| Helmet Use Unknown                                    | 3             | 0             | 1               | 2             | 0             | 1               | 2             | 1             | 0               | 1             | 1             | 0               | 3             | 1             | 2               |
| Uncoded & Errors                                      | 350           | 0             | 0               | 364           | 0             | 0               | 412           | 0             | 0               | 308           | 0             | 0               | 442           | 0             | 0               |
| <b>Total</b>                                          | <b>25,015</b> | <b>68</b>     | <b>2,347</b>    | <b>28,633</b> | <b>86</b>     | <b>2,537</b>    | <b>30,358</b> | <b>77</b>     | <b>2,614</b>    | <b>21,513</b> | <b>60</b>     | <b>1,935</b>    | <b>27,551</b> | <b>74</b>     | <b>2,539</b>    |

## 5-Year Trend - Restraint Use Among Drivers Coded Drinking

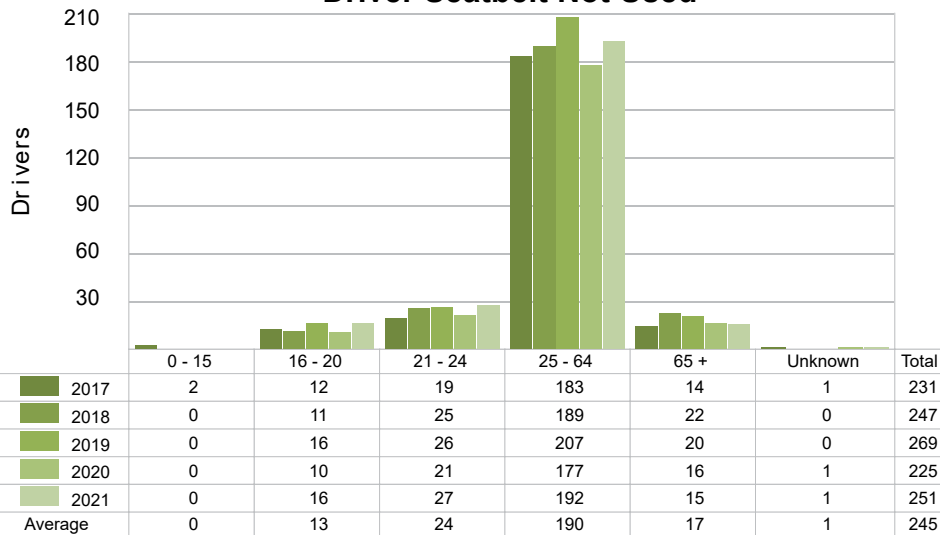
| Restraint Use                                         | 2017       |               |                 | 2018       |               |                 | 2019       |               |                 | 2020       |               |                 | 2021       |               |                 |
|-------------------------------------------------------|------------|---------------|-----------------|------------|---------------|-----------------|------------|---------------|-----------------|------------|---------------|-----------------|------------|---------------|-----------------|
|                                                       | Drivers    | Fatal Drivers | Injured Drivers | Drivers    | Fatal Drivers | Injured Drivers | Drivers    | Fatal Drivers | Injured Drivers | Drivers    | Fatal Drivers | Injured Drivers | Drivers    | Fatal Drivers | Injured Drivers |
| No Belts Available                                    | 0          | 0             | 0               | 1          | 0             | 0               | 1          | 0             | 0               | 2          | 0             | 0               | 1          | 0             | 1               |
| Shoulder Belt Only Used                               | 2          | 0             | 1               | 0          | 0             | 0               | 2          | 0             | 1               | 0          | 0             | 0               | 0          | 0             | 0               |
| Lap Belt Only Used                                    | 0          | 0             | 0               | 0          | 0             | 0               | 2          | 0             | 1               | 0          | 0             | 0               | 0          | 0             | 0               |
| Both Lap & Shoulder Belt Used                         | 140        | 8             | 51              | 144        | 7             | 47              | 132        | 2             | 49              | 136        | 3             | 60              | 133        | 3             | 51              |
| No Belts Used                                         | 10         | 5             | 2               | 7          | 1             | 5               | 9          | 1             | 7               | 10         | 2             | 8               | 8          | 2             | 5               |
| Child Restraint Used - Forward Facing                 | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               |
| Child Restraint Not Used, Unavailable or Improper Use | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               |
| Child Restraint Used - Rear Facing                    | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               |
| Child Restraint Used - Booster Seat                   | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               |
| Restraint Failure                                     | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               |
| Restraint Use Unknown                                 | 32         | 4             | 14              | 34         | 3             | 11              | 33         | 2             | 12              | 23         | 2             | 9               | 37         | 1             | 13              |
| Helmet Worn                                           | 1          | 1             | 0               | 1          | 0             | 1               | 1          | 0             | 1               | 1          | 0             | 1               | 1          | 0             | 1               |
| Helmet Not Worn                                       | 2          | 0             | 2               | 1          | 1             | 0               | 0          | 0             | 0               | 1          | 0             | 1               | 1          | 0             | 1               |
| Helmet Use Unknown                                    | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               |
| Uncoded & Errors                                      | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               |
| <b>Total</b>                                          | <b>187</b> | <b>18</b>     | <b>70</b>       | <b>188</b> | <b>12</b>     | <b>64</b>       | <b>180</b> | <b>5</b>      | <b>71</b>       | <b>173</b> | <b>7</b>      | <b>79</b>       | <b>181</b> | <b>6</b>      | <b>72</b>       |

## 5-Year Trend - Seatbelt Not Used Among Drivers by Age

| Age Group    | 2017       |               |                 | 2018       |               |                 | 2019       |               |                 | 2020       |               |                 | 2021       |               |                 |
|--------------|------------|---------------|-----------------|------------|---------------|-----------------|------------|---------------|-----------------|------------|---------------|-----------------|------------|---------------|-----------------|
|              | Drivers    | Fatal Drivers | Injured Drivers | Drivers    | Fatal Drivers | Injured Drivers | Drivers    | Fatal Drivers | Injured Drivers | Drivers    | Fatal Drivers | Injured Drivers | Drivers    | Fatal Drivers | Injured Drivers |
| 0 - 15       | 2          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               |
| 16 - 20      | 12         | 1             | 2               | 11         | 0             | 7               | 16         | 2             | 5               | 10         | 1             | 7               | 16         | 2             | 8               |
| 21 - 24      | 19         | 2             | 7               | 25         | 0             | 15              | 26         | 0             | 12              | 21         | 2             | 9               | 27         | 3             | 12              |
| 25 - 64      | 183        | 7             | 34              | 189        | 11            | 50              | 207        | 11            | 58              | 177        | 10            | 43              | 192        | 11            | 53              |
| 65 +         | 14         | 1             | 4               | 22         | 3             | 6               | 20         | 3             | 4               | 16         | 4             | 6               | 15         | 2             | 5               |
| Unknown      | 1          | 0             | 0               | 0          | 0             | 0               | 0          | 0             | 0               | 1          | 0             | 0               | 1          | 0             | 0               |
| <b>Total</b> | <b>231</b> | <b>11</b>     | <b>47</b>       | <b>247</b> | <b>14</b>     | <b>78</b>       | <b>269</b> | <b>16</b>     | <b>79</b>       | <b>225</b> | <b>17</b>     | <b>65</b>       | <b>251</b> | <b>18</b>     | <b>78</b>       |

Note: Seatbelt Not Used includes no belts available or no belts used.

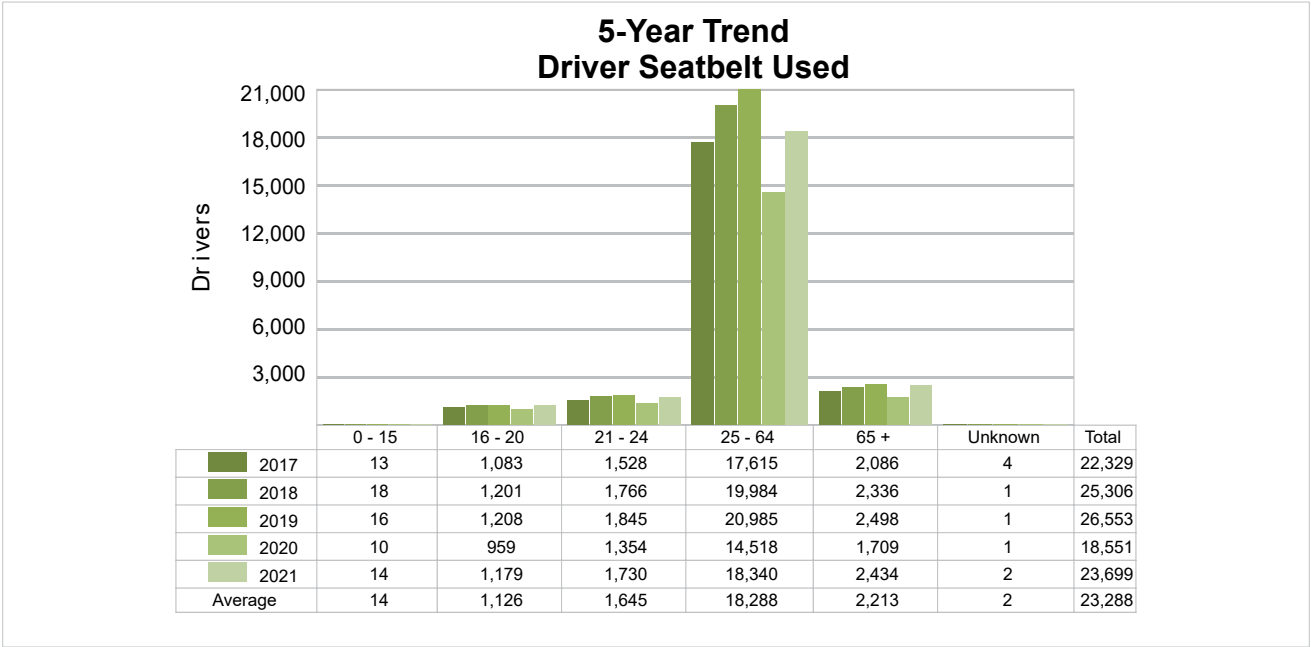
### 5-Year Trend Driver Seatbelt Not Used



5-Year Trend - Seatbelt Used Among Drivers by Age

| Age Group | 2017    |               |                 | 2018    |               |                 | 2019    |               |                 | 2020    |               |                 | 2021    |               |                 |
|-----------|---------|---------------|-----------------|---------|---------------|-----------------|---------|---------------|-----------------|---------|---------------|-----------------|---------|---------------|-----------------|
|           | Drivers | Fatal Drivers | Injured Drivers | Drivers | Fatal Drivers | Injured Drivers | Drivers | Fatal Drivers | Injured Drivers | Drivers | Fatal Drivers | Injured Drivers | Drivers | Fatal Drivers | Injured Drivers |
| 0 - 15    | 13      | 0             | 1               | 18      | 0             | 4               | 16      | 0             | 2               | 10      | 0             | 1               | 14      | 0             | 3               |
| 16 - 20   | 1,083   | 4             | 169             | 1,201   | 3             | 175             | 1,208   | 5             | 183             | 959     | 2             | 170             | 1,179   | 4             | 164             |
| 21 - 24   | 1,528   | 1             | 195             | 1,766   | 8             | 212             | 1,845   | 1             | 210             | 1,354   | 2             | 154             | 1,730   | 2             | 203             |
| 25 - 64   | 17,615  | 28            | 1,573           | 19,984  | 30            | 1,677           | 20,985  | 29            | 1,741           | 14,518  | 20            | 1,233           | 18,340  | 20            | 1,607           |
| 65 +      | 2,086   | 12            | 246             | 2,336   | 14            | 239             | 2,498   | 11            | 253             | 1,709   | 7             | 179             | 2,434   | 10            | 303             |
| Unknown   | 4       | 0             | 0               | 1       | 0             | 0               | 1       | 0             | 0               | 1       | 0             | 0               | 2       | 0             | 0               |
| Total     | 22,329  | 45            | 2,184           | 25,306  | 55            | 2,307           | 26,553  | 46            | 2,389           | 18,551  | 31            | 1,737           | 23,699  | 36            | 2,280           |

Note: Seatbelt Used includes shoulder belt only used, lap belt only used, both lap and shoulder belts used, and restraint failure.



## Commercial Motor Vehicles (continued)

5-Year Trend - All Vehicle Drivers in CMV Crashes by Hazardous Action

| Hazardous Action                         | 2017                     |                          | 2018                     |                          | 2019                     |                          | 2020                     |                          | 2021                     |                          |
|------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|                                          | Total Drivers in Crashes | Drivers in Fatal Crashes | Total Drivers in Crashes | Drivers in Fatal Crashes | Total Drivers in Crashes | Drivers in Fatal Crashes | Total Drivers in Crashes | Drivers in Fatal Crashes | Total Drivers in Crashes | Drivers in Fatal Crashes |
| None                                     | 12,334                   | 102                      | 13,973                   | 121                      | 14,717                   | 104                      | 10,599                   | 84                       | 13,458                   | 98                       |
| Speed Too Fast                           | 1,222                    | 6                        | 1,466                    | 16                       | 1,734                    | 15                       | 935                      | 8                        | 1,066                    | 6                        |
| Speed Too Slow                           | 18                       | 0                        | 20                       | 1                        | 22                       | 1                        | 11                       | 0                        | 11                       | 0                        |
| Failed to Yield                          | 1,763                    | 13                       | 2,138                    | 13                       | 2,273                    | 22                       | 1,697                    | 10                       | 2,221                    | 13                       |
| Disregard Traffic Control                | 378                      | 7                        | 401                      | 6                        | 431                      | 6                        | 388                      | 7                        | 462                      | 10                       |
| Drove Wrong Way                          | 19                       | 4                        | 17                       | 2                        | 14                       | 0                        | 22                       | 0                        | 21                       | 0                        |
| Drove Left of Center                     | 142                      | 10                       | 175                      | 10                       | 168                      | 13                       | 156                      | 6                        | 162                      | 9                        |
| Improper Passing                         | 312                      | 1                        | 315                      | 0                        | 351                      | 2                        | 283                      | 0                        | 366                      | 3                        |
| Improper Lane Use                        | 1,364                    | 2                        | 1,599                    | 3                        | 1,619                    | 0                        | 1,190                    | 4                        | 1,543                    | 2                        |
| Improper Turn                            | 613                      | 2                        | 600                      | 0                        | 706                      | 1                        | 431                      | 1                        | 547                      | 0                        |
| Improper/No Signal                       | 29                       | 0                        | 35                       | 0                        | 39                       | 0                        | 32                       | 0                        | 32                       | 1                        |
| Improper Backing                         | 591                      | 0                        | 680                      | 0                        | 727                      | 0                        | 570                      | 1                        | 711                      | 0                        |
| Unable to Stop in Assured Clear Distance | 2,515                    | 16                       | 2,845                    | 20                       | 3,017                    | 9                        | 1,914                    | 10                       | 2,670                    | 8                        |
| Other                                    | 1,411                    | 10                       | 1,624                    | 10                       | 1,680                    | 7                        | 1,175                    | 9                        | 1,574                    | 7                        |
| Unknown                                  | 1,313                    | 5                        | 1,655                    | 15                       | 1,713                    | 12                       | 1,233                    | 8                        | 1,652                    | 24                       |
| Reckless Driving                         | 70                       | 2                        | 67                       | 4                        | 66                       | 3                        | 57                       | 3                        | 81                       | 6                        |
| Careless/Negligent Driving               | 622                      | 8                        | 705                      | 13                       | 713                      | 8                        | 565                      | 8                        | 590                      | 7                        |
| Uncoded & Errors                         | 299                      | 1                        | 318                      | 0                        | 368                      | 1                        | 255                      | 0                        | 384                      | 0                        |
| <b>Total</b>                             | <b>25,015</b>            | <b>189</b>               | <b>28,633</b>            | <b>234</b>               | <b>30,358</b>            | <b>204</b>               | <b>21,513</b>            | <b>159</b>               | <b>27,551</b>            | <b>194</b>               |

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