

## 2019 ROV Fatalities Report

The information below includes data from January 1, 2019 to December 31, 2019

**Table 1.A ROV Fatalities by Person**

|              | <i>Count</i> | <i>Percentage</i> |
|--------------|--------------|-------------------|
| driver       | 134          | 62.9%             |
| passenger    | 70           | 32.9%             |
| pedestrian   | 1            | 0.5%              |
| other        | 1            | 0.5%              |
| unknown      | 7            | 3.3%              |
| <b>Total</b> | <b>213</b>   | <b>100.0%</b>     |

**Table 1.B ROV Fatalities by Gender and Person**

|                | <i>Count</i> | <i>Percentage</i> |
|----------------|--------------|-------------------|
| <b>Male</b>    | <b>161</b>   | <b>75.6%</b>      |
| driver         | 115          | 54.0%             |
| passenger      | 39           | 18.3%             |
| pedestrian     | 0            | 0.0%              |
| other          | 1            | 0.5%              |
| unknown        | 6            | 2.8%              |
| <b>Female</b>  | <b>52</b>    | <b>24.4%</b>      |
| driver         | 19           | 8.9%              |
| passenger      | 31           | 14.6%             |
| pedestrian     | 1            | 0.5%              |
| other          | 0            | 0.0%              |
| unknown        | 1            | 0.5%              |
| <b>Unknown</b> | <b>0</b>     | <b>0.0%</b>       |
| driver         | 0            | 0.0%              |
| passenger      | 0            | 0.0%              |
| pedestrian     | 0            | 0.0%              |
| other          | 0            | 0.0%              |
| unknown        | 0            | 0.0%              |
| <b>Total</b>   | <b>213</b>   | <b>100.0%</b>     |

**Table 1.C ROV Fatalities by Age and Person**

|                   | <i>Count</i> | <i>Percentage</i> |
|-------------------|--------------|-------------------|
| <b>0-15</b>       | <b>35</b>    | <b>16.4%</b>      |
| <i>driver</i>     | 17           | 8.0%              |
| <i>passenger</i>  | 15           | 7.0%              |
| <i>pedestrian</i> | 0            | 0.0%              |
| <i>other</i>      | 1            | 0.5%              |
| <i>unknown</i>    | 2            | 0.9%              |
| <b>16-19</b>      | <b>16</b>    | <b>7.5%</b>       |
| <i>driver</i>     | 7            | 3.3%              |
| <i>passenger</i>  | 9            | 4.2%              |
| <i>pedestrian</i> | 0            | 0.0%              |
| <i>other</i>      | 0            | 0.0%              |
| <i>unknown</i>    | 0            | 0.0%              |
| <b>20-29</b>      | <b>42</b>    | <b>19.7%</b>      |
| <i>driver</i>     | 25           | 11.7%             |
| <i>passenger</i>  | 17           | 8.0%              |
| <i>pedestrian</i> | 0            | 0.0%              |
| <i>other</i>      | 0            | 0.0%              |
| <i>unknown</i>    | 0            | 0.0%              |
| <b>30-39</b>      | <b>23</b>    | <b>10.8%</b>      |
| <i>driver</i>     | 16           | 7.5%              |
| <i>passenger</i>  | 6            | 2.8%              |
| <i>pedestrian</i> | 0            | 0.0%              |
| <i>other</i>      | 0            | 0.0%              |
| <i>unknown</i>    | 1            | 0.5%              |
| <b>40-49</b>      | <b>34</b>    | <b>16.0%</b>      |
| <i>driver</i>     | 25           | 11.7%             |
| <i>passenger</i>  | 8            | 3.8%              |
| <i>pedestrian</i> | 0            | 0.0%              |
| <i>other</i>      | 0            | 0.0%              |
| <i>unknown</i>    | 1            | 0.5%              |
| <b>50-59</b>      | <b>14</b>    | <b>6.6%</b>       |
| <i>driver</i>     | 6            | 2.8%              |
| <i>passenger</i>  | 6            | 2.8%              |
| <i>pedestrian</i> | 0            | 0.0%              |
| <i>other</i>      | 0            | 0.0%              |
| <i>unknown</i>    | 2            | 0.9%              |
| <b>60-69</b>      | <b>27</b>    | <b>12.7%</b>      |
| <i>driver</i>     | 20           | 9.4%              |
| <i>passenger</i>  | 6            | 2.8%              |
| <i>pedestrian</i> | 0            | 0.0%              |
| <i>other</i>      | 0            | 0.0%              |
| <i>unknown</i>    | 1            | 0.5%              |
| <b>70+</b>        | <b>22</b>    | <b>10.3%</b>      |
| <i>driver</i>     | 18           | 8.5%              |
| <i>passenger</i>  | 3            | 1.4%              |
| <i>pedestrian</i> | 1            | 0.5%              |
| <i>other</i>      | 0            | 0.0%              |
| <i>unknown</i>    | 0            | 0.0%              |
| <b>Unknown</b>    | <b>0</b>     | <b>0.0%</b>       |
| <i>driver</i>     | 0            | 0.0%              |
| <i>passenger</i>  | 0            | 0.0%              |
| <i>pedestrian</i> | 0            | 0.0%              |
| <i>other</i>      | 0            | 0.0%              |
| <i>unknown</i>    | 0            | 0.0%              |
| <b>Total</b>      | <b>213</b>   | <b>100.0%</b>     |

**Table 2.A ROV Helmet Usage**

|                    | <i>Count</i> | <i>Percentage</i> |
|--------------------|--------------|-------------------|
| Wearing Helmet     | 2            | 0.9%              |
| Not Wearing Helmet | 89           | 41.8%             |
| Unknown            | 122          | 57.3%             |
| <b>Total</b>       | <b>213</b>   | <b>100.0%</b>     |

**Table 2.B ROV Seatbelt Usage**

|                      | <i>Count</i> | <i>Percentage</i> |
|----------------------|--------------|-------------------|
| Wearing Seatbelt     | 17           | 8.0%              |
| Not Wearing Seatbelt | 128          | 60.1%             |
| Not Applicable       | 9            | 4.2%              |
| Unknown              | 59           | 27.7%             |
| <b>Total</b>         | <b>213</b>   | <b>100.0%</b>     |

**Table 3 ROV Fatalities by Road Type**

|              | <i>Count</i> | <i>Percentage</i> |
|--------------|--------------|-------------------|
| On Road      | 141          | 66.2%             |
| Off Road     | 69           | 32.4%             |
| Unknown      | 3            | 1.4%              |
| <b>Total</b> | <b>213</b>   | <b>100.0%</b>     |

**Table 4.A ROV Fatalities by Crash Type**

|                             | <i>Count</i> | <i>Percentage</i> |
|-----------------------------|--------------|-------------------|
| Single Vehicle Crash        | 177          | 83.1%             |
| Crash with On-Road Vehicle  | 25           | 11.7%             |
| Crash with Off-Road Vehicle | 5            | 2.3%              |
| Crash with Animal           | 3            | 1.4%              |
| Crash with Pedestrian       | 0            | 0.0%              |
| Unknown                     | 3            | 1.4%              |
| <b>Total</b>                | <b>213</b>   | <b>100.0%</b>     |

**Table 4.B ROV Single Vehicle Fatalities Involving Rollover by Road Type**

|  | <i>Count</i> | <i>Percentage</i> |
|--|--------------|-------------------|
| <b>Single Vehicle Crashes Involving Rollover</b>     | <b>130</b>   | <b>73.4%</b>      |
| <i>on road</i>                                       | 84           | 47.5%             |
| <i>off road</i>                                      | 43           | 24.3%             |
| <i>unknown</i>                                       | 3            | 1.7%              |
| <b>Single Vehicle Crashes Not Involving Rollover</b> | <b>38</b>    | <b>21.5%</b>      |
| <i>on road</i>                                       | 19           | 10.7%             |
| <i>off road</i>                                      | 19           | 10.7%             |
| <i>unknown</i>                                       | 0            | 0.0%              |
| <b>Unknown</b>                                       | <b>9</b>     | <b>5.1%</b>       |
| <i>on road</i>                                       | 3            | 1.7%              |
| <i>off road</i>                                      | 6            | 3.4%              |
| <i>unknown</i>                                       | 0            | 0.0%              |
| <b>Total Single Vehicle Crashes</b>                  | <b>177</b>   | <b>100.0%</b>     |

**Table 4.C ROV Single Vehicle Fatalities Involving Rollover  
in which Occupant was Pinned or Struck by Vehicle and by Age**

|   | <i>Count</i> | <i>Percentage</i> |
|---|--------------|-------------------|
| <b>Occupant Pinned or Struck by Vehicle</b>       | <b>33</b>    | <b>25.4%</b>      |
| 0-15  | 9            | 6.9%              |
| 16-19   | 2            | 1.5%              |
| 20-29   | 12           | 9.2%              |
| 30-39   | 1            | 0.8%              |
| 40-49   | 4            | 3.1%              |
| 50-59   | 1            | 0.8%              |
| 60-69   | 3            | 2.3%              |
| 70+   | 1            | 0.8%              |
| Unknown   | 0            | 0.0%              |
| <b>Occupant Not Pinned or Struck by Vehicle</b>   | <b>5</b>     | <b>3.8%</b>       |
| 0-15  | 1            | 0.8%              |
| 16-19   | 0            | 0.0%              |
| 20-29   | 1            | 0.8%              |
| 30-39   | 1            | 0.8%              |
| 40-49   | 0            | 0.0%              |
| 50-59   | 1            | 0.8%              |
| 60-69   | 1            | 0.8%              |
| 70+   | 0            | 0.0%              |
| Unknown   | 0            | 0.0%              |
| <b>Unknown</b>                                    | <b>92</b>    | <b>70.8%</b>      |
| 0-15  | 17           | 13.1%             |
| 16-19   | 7            | 5.4%              |
| 20-29   | 15           | 11.5%             |
| 30-39   | 17           | 13.1%             |
| 40-49   | 11           | 8.5%              |
| 50-59   | 7            | 5.4%              |
| 60-69   | 11           | 8.5%              |
| 70+   | 7            | 5.4%              |
| Unknown   | 0            | 0.0%              |
| <b>Total Single Vehicle Crashes with Rollover</b> | <b>130</b>   | <b>100.0%</b>     |

**Table 5.A ROV Fatalities by Month**

|              | <i>Count</i> | <i>Percentage</i> |
|--------------|--------------|-------------------|
| January      | 9            | 4.2%              |
| February     | 5            | 2.3%              |
| March        | 11           | 5.2%              |
| April        | 8            | 3.8%              |
| May          | 35           | 16.4%             |
| June         | 21           | 9.9%              |
| July         | 32           | 15.0%             |
| August       | 28           | 13.1%             |
| September    | 24           | 11.3%             |
| October      | 21           | 9.9%              |
| November     | 11           | 5.2%              |
| December     | 8            | 3.8%              |
| <b>Total</b> | <b>213</b>   | <b>100.0%</b>     |

**Table 5.B ROV Fatalities by Day of Week**

|              | <i>Count</i> | <i>Percentage</i> |
|--------------|--------------|-------------------|
| Monday       | 26           | 12.2%             |
| Tuesday      | 16           | 7.5%              |
| Wednesday    | 15           | 7.0%              |
| Thursday     | 18           | 8.5%              |
| Friday       | 24           | 11.3%             |
| Saturday     | 53           | 24.9%             |
| Sunday       | 61           | 28.6%             |
| <b>Total</b> | <b>213</b>   | <b>100.0%</b>     |

**Table 6 ROV Fatalities by State**

|                | <i>Count</i> | <i>Percentage</i> |
|----------------|--------------|-------------------|
| Missouri       | 18           | 8.5%              |
| Texas          | 15           | 7.0%              |
| West Virginia  | 14           | 6.6%              |
| Tennessee      | 13           | 6.1%              |
| California     | 11           | 5.2%              |
| Ohio           | 9            | 4.2%              |
| Florida        | 8            | 3.8%              |
| Oklahoma       | 8            | 3.8%              |
| Georgia        | 7            | 3.3%              |
| Indiana        | 7            | 3.3%              |
| Louisiana      | 7            | 3.3%              |
| Wisconsin      | 7            | 3.3%              |
| Arizona        | 6            | 2.8%              |
| Illinois       | 6            | 2.8%              |
| South Carolina | 6            | 2.8%              |
| Alabama        | 5            | 2.3%              |
| Idaho          | 5            | 2.3%              |
| Kansas         | 5            | 2.3%              |
| Pennsylvania   | 5            | 2.3%              |
| Kentucky       | 4            | 1.9%              |
| Michigan       | 4            | 1.9%              |
| Mississippi    | 4            | 1.9%              |
| New York       | 4            | 1.9%              |
| Colorado       | 3            | 1.4%              |
| Iowa           | 3            | 1.4%              |
| Minnesota      | 3            | 1.4%              |
| South Dakota   | 3            | 1.4%              |
| Utah           | 3            | 1.4%              |
| Virginia       | 3            | 1.4%              |
| Arkansas       | 2            | 0.9%              |
| Maine          | 2            | 0.9%              |
| Oregon         | 2            | 0.9%              |
| Wyoming        | 2            | 0.9%              |
| Connecticut    | 1            | 0.5%              |
| Maryland       | 1            | 0.5%              |
| Massachusetts  | 1            | 0.5%              |
| Montana        | 1            | 0.5%              |
| New Mexico     | 1            | 0.5%              |
| North Carolina | 1            | 0.5%              |
| North Dakota   | 1            | 0.5%              |
| Vermont        | 1            | 0.5%              |
| Washington     | 1            | 0.5%              |
| Alaska         | 0            | 0.0%              |
| Delaware       | 0            | 0.0%              |
| Hawaii         | 0            | 0.0%              |
| Nebraska       | 0            | 0.0%              |
| Nevada         | 0            | 0.0%              |
| New Hampshire  | 0            | 0.0%              |
| New Jersey     | 0            | 0.0%              |
| Rhode Island   | 0            | 0.0%              |
| Washington, DC | 0            | 0.0%              |
| <b>Total</b>   | <b>213</b>   | <b>100.0%</b>     |