### Traffic Crash Report

**User Guide**

**Revised 2018**

#### Crash Type (First Impact)

<table>
<thead>
<tr>
<th>Single Motor Vehicle</th>
<th>Head On</th>
<th>Head On - Left Turn</th>
<th>Angle</th>
<th>Backing</th>
<th>Rear End</th>
</tr>
</thead>
</table>

#### Crash Type (First Impact)

1. Not Physically Divided (Two-Way Traffic)
2. Divided Highway without Traffic Barrier
3. Divided Highway with Traffic Barrier
4. One-Way Traffic
5. Non-Traffic
6. Two-Way, Not Divided, with a Continuous Left Turn Lane

#### Road Surface Condition

<table>
<thead>
<tr>
<th>Animal</th>
<th>Deer</th>
<th>Turkey</th>
<th>Elk</th>
<th>Moose</th>
<th>Bear</th>
</tr>
</thead>
<tbody>
<tr>
<td>97. Animal (Other)</td>
<td>98. Animal (Unknown)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Road Surface Condition</th>
<th>Dry</th>
<th>Wet</th>
<th>Ice</th>
<th>Snow</th>
<th>Mud, Dirt, Gravel</th>
<th>Slush</th>
<th>Debris</th>
<th>Water (Standing / Moving)</th>
<th>Sand</th>
<th>Oily</th>
</tr>
</thead>
</table>

#### Contributing Circumstances

<table>
<thead>
<tr>
<th>Contributing Circumstances</th>
<th>Prior Crash</th>
<th>Backup Due to Regular Congestion</th>
<th>Backup Due to Other Incident</th>
<th>Glare</th>
<th>Traffic Control Device Inoperative, Missing or Obscured</th>
<th>Shoulders (None, Low, Soft, High)</th>
<th>96. None</th>
<th>97. Other</th>
<th>98. Unknown</th>
</tr>
</thead>
</table>

#### Area

**Freeway**

1. Entrance / Exit Ramp Related
2. Authorized Median Crossover Related
3. Transition Area / Increase or Decrease in Travel Lanes
4. Rest Area Related
5. Scale / Weigh Station Related
6. Curved Roadway
7. All Other Freeway Areas

**Intersection**

7. Within Intersection
8. Driveway Related within 150 ft. of Nearest Edge of Intersection
9. Intersection Related-Other
21. Roundabout

**Other Non-Freeway Areas**

10. Straight Roadway Not Related to Other Selections
11. Curved Roadway Not Related to Other Selections
12. Driveway Related Not within 150 ft. of Intersection
13. Parking Related Legal Roadside
14. Transition Area / Increase or Decrease in Travel Lanes
15. Median Crossing Related
16. Railroad Crossing Related
17. Rest Area Related
18. Scale / Weigh Station Related
19. Non-Traffic Area
20. Curved Roadway
6. All Other Freeway Areas

#### Relation to Roadway

1. On the Road
2. Median
3. Shoulder
4. Outside of Shoulder / Curb
5. Gore
6. On-Street Parking
7. Off Roadway (Non-Traffic)
8. Sidewalk
9. Bicycle Lane
98. Unknown

#### Work Zone - Activity

1. Lane Closure
2. Lane Shift / Crossover
3. Work on Shoulder or Median
4. Intermittent or Moving Work
97. Other

#### Work Zone - Location

1. Before the First Work Zone Warning Sign
2. Between the First and Last Work Zone Warning Sign
3. No Warning Signs

#### Trafficway

1. Not Physically Divided (Two-Way Traffic)
2. Divided Highway without Traffic Barrier
3. Divided Highway with Traffic Barrier
4. One-Way Traffic
5. Non-Traffic
6. Two-Way, Not Divided, with a Continuous Left Turn Lane
### Driver Distracted By
1. Not Distracted
2. Manually Operating an Electronic Communications Device (Texting, Typing, Dialing)
3. Talking on Hands-Free Electronic Device
4. Talking on Hand-Held Electronic Device
5. Other Activity, Electronic Device (Book Player, Navigation Aid)
6. Passenger
7. Other Activity Inside the Vehicle (Eating, Personal Hygiene)
8. Outside the Vehicle (Includes Unspecified External Distractions)
98. Unknown

### Position
B  Bicyclist
P  Pedestrian
E  Engineer (Railroad / Train)
13. Sleeper Section
14. Other Enclosed Passenger / Cargo Area
15. Other Unenclosed Passenger / Cargo Area
16. Riding In / On Trailing Unit
17. Riding On Vehicle Exterior
98. Unknown

### Restraint Use
1. No Belts Available
2. Shoulder Belt Only Used
3. Lap Belt Only
4. Shoulder and Lap Belt
5. No Belts Used
7. Child Restraint Not Used or Improperly Used
10. Restraint Failure
11. Restraint Use Unknown
12. Helmet Worn
13. Helmet Not Worn
14. Helmet Use Unknown

### Injury
K - Fatal Injury: Any injury which results in death
A - Suspected Serious Injury: Any injury other than fatal which prevents normal activities and generally requires hospitalization
B - Suspected Minor Injury: Any minor injury that is evident to others at the scene
C - Possible Injury: Any possible injury that is reported or claimed
O - No Injury: No indication of injury

### Action Prior to Crash
**Driver Action**
1. Going Straight Ahead
2. Turning Left
3. Turning Right
4. Stopped on Roadway
5. Involved in Prior Crash at Same Location
6. Changing Lanes
7. Backing
8. Slowing / Stopping on Roadway
9. Slowing / Stopping Other Area
10. Starting Up on Roadway
11. Starting Up in Other Area
12. Entering Parking
13. Exiting Parking
14. Entering Roadway
15. Leaving Roadway
16. Making U-Turn
17. Overtaking or Passing
18. Avoiding Object
19. Avoiding Pedestrian
20. Avoiding Vehicle (Front / Back)
21. Avoiding Vehicle (Angle)
22. Driverless Moving
23. Parked
35. Other
36. Unknown
37. Avoiding Animal
38. Negotiating a Curve

**Pedestrian Action**
24. Crossing at Intersection
25. Crossing Not at Intersection
26. Getting On / Off Vehicle
27. In Roadway with Traffic
28. In Roadway Against Traffic
29. Standing / Lying in Roadway
30. Pushing / Working on Vehicle
31. Other Working in Roadway
32. Playing in Roadway
33. In Roadway Other Reason
34. Not in Roadway
35. Other
36. Unknown

### Hazardous Action
0. None
1. Speed Too Fast
2. Speed Too Slow
3. Failed to Yield
4. Disregard Traffic Control
5. Drove Wrong Way
6. Drove Left of Center
7. Improper Passing
8. Improper Lane Use
9. Improper Turn
10. Improper / No Signal
11. Improper Backing
12. Unable to Stop in Assured Clear Distance
13. Other
14. Unknown
15. Reckless Driving
16. Careless Driving

### Airbag
1. Deployed-Front
2. Not Deployed
3. Not Equipped
4. Deployed-Side
5. Deployed-Curtain
6. Deployed-Other (Knee, Air Belt, Etc.)
7. Deployed-Combination
98. Unknown

### Condition at Time of Crash
1. Appeared Normal
4. Sick
5. Fatigued or Asleep
7. Medication
10. Physically Disabled
11. Emotional
97. Other
99. Unknown

### Sequence of Events
**Non-Collision**
1. Loss of Control
2. Cross Centerline
46. Cross Median
3. Ran Off Roadway - Left
4. Ran Off Roadway - Right
5. Re-enter Roadway
6. Overturn
7. Separation of Units
8. Fire / Explosion
9. Immersion
10. Jackknife
11. Downhill Runaway
12. Cargo Loss / Shift
13. Individual Fell from Vehicle
47. Equipment Failure (Blown Tire, Brake Failure, Etc.)
14. Other Non-Collision

**Collision with Non-Fixed Object**
15. Pedestrian
16. Bicyclist
17. Motor Vehicle in Transport*
18. Parked Motor Vehicle
48. Work Zone / Maintenance Equipment
49. Cargo Falling / Shifting / or Anything Set in Motion (SIM) By a Motor Vehicle
19. Engineer (Railroad / Train)
20. Animal
21. Other Non-Fixed Object

**Collision with Fixed Object**
22. Bridge Pier / Support
24. Bridge Rail
50. Bridge Overhead Structure
25. Guardrail Face
26. Guardrail End
51. Cable Barrier
27. Concrete Barrier
28. Traffic Sign / Post
29. Traffic Signal Equipment
30. Utility Pole / Light Support
32. Other Post / Pole / Support
33. Culvert
34. Curb
35. Ditch
36. Embankment
37. Fence
38. Mailbox
39. Tree
40. Railroad Crossing Signal
41. Building
42. Traffic Island
43. Fire Hydrant
44. Impact Attenuator / Crash Cushion
45. Other Fixed Object

* In transport means a motor vehicle in motion or on a roadway.
<table>
<thead>
<tr>
<th>Location of Greatest Damage / First Impact</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Extent of Damage</th>
</tr>
</thead>
<tbody>
<tr>
<td>98. Unknown</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vehicle Type</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Vehicle Use</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Special Vehicles</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Vehicle Direction</th>
</tr>
</thead>
<tbody>
<tr>
<td>N North</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vehicle Defects</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Private Trailer Type</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Automation System Level in Vehicle</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Automation System Level Engaged at Time of Crash</th>
</tr>
</thead>
</table>

*While many of the vehicles on the road today are not automated, some levels of automation do exist on newer vehicles. Common Level 1 (Driver Assistance) systems include: Lane Keeping Assist, Adaptive Cruise Control, Parking Assist, Automatic Emergency Braking. Note: Due to the fact that some drivers and police officers may not be able to identify if a vehicle even has an automation level, select 98-Unknown at this time until further explanations are available.*

**SAE AUTOMATION LEVELS**

<table>
<thead>
<tr>
<th>Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No Automation</td>
</tr>
<tr>
<td>1</td>
<td>Driver Assistance</td>
</tr>
<tr>
<td>2</td>
<td>Partial Automation</td>
</tr>
<tr>
<td>3</td>
<td>Conditional Automation</td>
</tr>
<tr>
<td>4</td>
<td>High Automation</td>
</tr>
<tr>
<td>5</td>
<td>Full Automation</td>
</tr>
</tbody>
</table>
**Vehicle Configuration**

- **1** Passenger Car (Only if Vehicle Has HM Placard)
- **2** Light Truck (Only if Vehicle Has HM Placard)
- **3** Bus (9-15 Seats, Including Driver)
- **4** Bus (16 or More Seats, Including Driver)
- **5** Single-Unit (2 Axles, 6 Tires)
- **6** Single-Unit (3 or More Axles)
- **7** Truck/Trailer (Single-Unit Truck Pulling a Trailer)
- **8** Truck Tractor (Bobtail)
- **9** Tractor / Semi Trailer (One Trailer)
- **10** Truck Tractor / Double (Two Trailers)
- **11** Truck Tractor / Triple (Three Trailers)
- **99** Unknown Heavy Truck > 10,000 lbs – Unclassified (Not Listed Above)

**Cargo Body Type**

- **1** Van / Enclosed Box
- **2** Cargo Tank
- **3** Flat Bed
- **4** Dump
- **5** Concrete Mixer
- **6** Auto Transporter
- **7** Garbage / Refuse
- **8** Grains, Chips, Gravel
- **9** Pole
- **10** Intermodal Chassis
- **11** Log
- **12** Vehicle Towing Motor Vehicle
- **13** Bus (9-15 Seats, Including Driver)
- **14** Bus (16 or More Seats, Including Driver)
- **15** No Cargo Body
- **97** Other

**CDL Endorsements**

- **H.** Hazardous
- **P.** Passenger
- **T.** Double/Triple
- **S.** School Bus
- **N.** Tank
- **X.** Tank and Hazardous

**CDL-Class A**

Any combination of vehicles with a GCWR of 26,001 pounds or more, provided the GVWR of any towed vehicles is 10,001 pounds or more.

**CDL-Class B**

Any single vehicle with a GVWR of 26,001 pounds or more, or any such vehicle towing a vehicle with a GVWR of 10,000 pounds or less.

**CDL-Class C**

Any single vehicle or combination of vehicles that do not meet the definition of Class A or Class B, but are designed to transport 16+ passengers including the driver, or is used to transport hazardous materials requiring a placard.