

| Field Name | Field Description                            | Values | Values Descriptions  | Field Type       | Field Width | Field Precision |
|------------|--|--------|--|------------------|-------------|-----------------|
| Crash_Key  | Crash Key - SAVER Internal Unique Identifier |        | 4 digit year + arbitrarily assigned unique number (e.g., 2001000025) | Numeric: Integer | 10          | 0               |
| CaseNumber | Case Number - Iowa DOT                       |        | 4 digit year + number assigned by MVD (e.g., 2001002534)             | Numeric: Integer | 10          | 0               |
| UnitKey    | Combined Crash_Key and D1UnitNum             |        | Crash_Key*1000+UnitNum   | Numeric: Integer | 13          | 0               |
| PersonKey  | Combined Crash_Key and INumber               |        | Crash_Key*1000+PersonNum   | Numeric: Integer | 13          | 0               |
| InjStatus  | Injury Status/Severity                       |        |  | Numeric: Integer | 2           | 0               |
|            |  | 1      | Fatal  |                  |             |                 |
|            |  | 2      | Incapacitating   |                  |             |                 |
|            |  | 3      | Non-incapacitating   |                  |             |                 |
|            |  | 4      | Possible   |                  |             |                 |
|            |  | 5      | Uninjured  |                  |             |                 |
|            |  | 9      | Unknown  |                  |             |                 |
| 77         | Not reported.                                |        |  |                  |             |                 |
| InjuredAge | Age of Injured Person                        |        | Age of injured person derived from Date of Birth and Crash Date.     | Numeric: Integer | 3           | 0               |
| InjuredGen | Gender of Injured Person                     |        |  | Character        | 2           | 0               |
|            |  | M      | Male   |                  |             |                 |
|            |  | F      | Female   |                  |             |                 |
|            |  | U      | Unknown  |                  |             |                 |
| NR         | Not reported.                                |        |  |                  |             |                 |
| Seating    | Seating Position                             |        |  | Numeric: Integer | 2           | 0               |
|            |  | 1      | Driver/Motorcycle Driver   |                  |             |                 |
|            |  | 2      | Front Seat Middle  |                  |             |                 |
|            |  | 3      | Front Seat Passenger Side  |                  |             |                 |
|            |  | 4      | Rear Seat Driver Side/Motorcycle Passenger                           |                  |             |                 |
|            |  | 5      | Rear Seat Middle   |                  |             |                 |
|            |  | 6      | Rear Seat Passenger Side   |                  |             |                 |
|            |  | 7      | Third Seat Driver Side   |                  |             |                 |
|            |  | 8      | Third Seat Middle  |                  |             |                 |
|            |  | 9      | Third Seat Passenger Side  |                  |             |                 |
|            |  | 10     | Sleeper Section  |                  |             |                 |
|            |  | 11     | Enclosed Cargo Area  |                  |             |                 |
|            |  | 12     | Unenclosed Cargo Area  |                  |             |                 |
|            |  | 13     | Trailing Unit  |                  |             |                 |
|            |  | 14     | Exterior   |                  |             |                 |
|            |  | 15     | Pedestrian   |                  |             |                 |
|            |  | 16     | Pedalcyclist   |                  |             |                 |
| 17         | Pedalcyclist passenger                       |        |  |                  |             |                 |
| 77         | Not reported.                                |        |  |                  |             |                 |
| 88         | Other (explain in narrative)                 |        |  |                  |             |                 |
| 99         | Unknown                                      |        |  |                  |             |                 |
| OccProtect | Occupant Protection                          |        |  | Numeric: Integer | 2           | 0               |
|            |  | 1      | None used  |                  |             |                 |
|            |  | 2      | Shoulder and lap belt used   |                  |             |                 |
|            |  | 3      | Lap belt only used   |                  |             |                 |
|            |  | 4      | Shoulder belt only used  |                  |             |                 |
|            |  | 5      | Child safety seat used   |                  |             |                 |
|            |  | 6      | Helmet used  |                  |             |                 |
|            |  | 8      | Other (explain in narrative)   |                  |             |                 |
| 9          | Unknown                                      |        |  |                  |             |                 |
| 77         | Not reported.                                |        |  |                  |             |                 |
| Ejection   | Ejection                                     |        |  | Numeric: Integer | 2           | 0               |
|            |  | 1      | Not ejected  |                  |             |                 |
|            |  | 2      | Partially ejected  |                  |             |                 |
|            |  | 3      | Totally ejected  |                  |             |                 |
|            |  | 4      | Not applicable (motorcycle/bicycle/etc.)                             |                  |             |                 |
|            |  | 9      | Unknown  |                  |             |                 |
| 77         | Not reported.                                |        |  |                  |             |                 |

|           |                        |   |  |                  |   |   |
|-----------|------------------------|---|--|------------------|---|---|
| EjectPath | Ejection Path          |   |  | Numeric: Integer | 2 | 0 |
|           |                        | 1 | Not ejected/not applicable                         |                  |   |   |
|           |                        | 2 | Through front windshield                           |                  |   |   |
|           |                        | 3 | Through side window/door                           |                  |   |   |
|           |                        | 4 | Through roof                                       |                  |   |   |
|           |                        | 5 | Through back window/tailgate                       |                  |   |   |
|           |                        | 9 | Unknown  |                  |   |   |
| 77        | Not reported.          |   |  |                  |   |   |
| AirbagDep | Airbag Deployment      |   |  | Numeric: Integer | 2 | 0 |
|           |                        | 1 | Deployed front of person                           |                  |   |   |
|           |                        | 2 | Deployed side of person                            |                  |   |   |
|           |                        | 3 | Deployed both front/side                           |                  |   |   |
|           |                        | 4 | Other deployment (explain in narrative)            |                  |   |   |
|           |                        | 5 | Not deployed                                       |                  |   |   |
|           |                        | 6 | Not applicable                                     |                  |   |   |
| 9         | Unknown                |   |  |                  |   |   |
| 77        | Not reported.          |   |  |                  |   |   |
| AirbagSw  | Airbag Switch Status   |   |  | Numeric: Integer | 2 | 0 |
|           |                        | 1 | Switch in ON position                              |                  |   |   |
|           |                        | 2 | Switch in OFF position                             |                  |   |   |
|           |                        | 3 | No ON/OFF switch present                           |                  |   |   |
|           |                        | 9 | Unknown  |                  |   |   |
| 77        | Not reported.          |   |  |                  |   |   |
| Trapped   | Occupant Trapped?      |   |  | Numeric: Integer | 2 | 0 |
|           |                        | 1 | Not trapped  |                  |   |   |
|           |                        | 2 | Freed by non-mechanical means                      |                  |   |   |
|           |                        | 3 | Extricated by mechanical means                     |                  |   |   |
|           |                        | 9 | Unknown  |                  |   |   |
| 77        | Not reported.          |   |  |                  |   |   |
| NM_Type   | Non-Motorist Type      |   |  | Numeric: Integer | 2 | 0 |
|           |                        | 1 | Pedestrian   |                  |   |   |
|           |                        | 2 | Pedalcyclist (bicycle/tricycle/unicycle/pedal car) |                  |   |   |
|           |                        | 3 | Skater   |                  |   |   |
|           |                        | 8 | Other (explain in narrative)                       |                  |   |   |
|           |                        | 9 | Unknown  |                  |   |   |
| 77        | Not reported.          |   |  |                  |   |   |
| NM_Loc    | Non-Motorist Location  |   |  | Numeric: Integer | 2 | 0 |
|           |                        | 1 | Marked crosswalk at intersection                   |                  |   |   |
|           |                        | 2 | At intersection - no crosswalk                     |                  |   |   |
|           |                        | 3 | Non-intersection crosswalk                         |                  |   |   |
|           |                        | 4 | Driveway access crosswalk                          |                  |   |   |
|           |                        | 8 | Other non-intersection (explain in narrative)      |                  |   |   |
|           |                        | 9 | Unknown  |                  |   |   |
| 77        | Not reported.          |   |  |                  |   |   |
| NM_Action | Non-Motorist Action    |   |  | Numeric: Integer | 2 | 0 |
|           |                        | 1 | Entering or crossing roadway                       |                  |   |   |
|           |                        | 2 | Walking/running/jogging/playing/cycling            |                  |   |   |
|           |                        | 3 | Working  |                  |   |   |
|           |                        | 4 | Pushing vehicle                                    |                  |   |   |
|           |                        | 5 | Approaching or leaving vehicle                     |                  |   |   |
|           |                        | 6 | Playing or working on vehicle                      |                  |   |   |
|           |                        | 7 | Standing   |                  |   |   |
|           |                        | 8 | Other (explain in narrative)                       |                  |   |   |
|           |                        | 9 | Unknown  |                  |   |   |
| 77        | Not reported.          |   |  |                  |   |   |
| NM_Cond   | Non-Motorist Condition |   |  | Numeric: Integer | 2 | 0 |
|           |                        | 1 | Apparently normal                                  |                  |   |   |
|           |                        | 2 | Physical impairment                                |                  |   |   |
|           |                        | 3 | Emotional (e.g. depressed/angry/disturbed)         |                  |   |   |
|           |                        | 4 | Illness  |                  |   |   |
|           |                        | 5 | Asleep/fainted/fatigued/etc.                       |                  |   |   |
|           |                        | 6 | Under the influence of alcohol/drugs/medications   |                  |   |   |
|           |                        | 8 | Other (explain in narrative)                       |                  |   |   |
|           |                        | 9 | Unknown  |                  |   |   |
| 77        | Not reported.          |   |  |                  |   |   |

|            |   |    |   |                  |    |   |
|------------|---|----|---|------------------|----|---|
| NM_Safety  | Non-Motorist Safety Equipment             |    |   | Numeric: Integer | 2  | 0 |
|            |   | 1  | Helmet  |                  |    |   |
|            |   | 2  | Reflective clothing                                     |                  |    |   |
|            |   | 3  | Lighting  |                  |    |   |
|            |   | 4  | None  |                  |    |   |
|            |   | 8  | Other (explain in narrative)                            |                  |    |   |
|            |   | 9  | Unknown   |                  |    |   |
|            |   | 77 | Not reported.   |                  |    |   |
| NMContCirc | Contributing Circumstances - Non-Motorist |    |   | Numeric: Integer | 2  | 0 |
|            |   | 1  | Improper crossing                                       |                  |    |   |
|            |   | 2  | Darting   |                  |    |   |
|            |   | 3  | Lying or sitting in roadway                             |                  |    |   |
|            |   | 4  | Failure to yield right of way                           |                  |    |   |
|            |   | 5  | Not visible (dark clothing)                             |                  |    |   |
|            |   | 6  | Inattentive (talking/eating/etc.)                       |                  |    |   |
|            |   | 7  | Failure to obey traffic signs/signals/officer           |                  |    |   |
|            |   | 8  | Wrong side of road                                      |                  |    |   |
|            |   | 77 | Not reported.   |                  |    |   |
|            |   | 88 | Other (explain in narrative)                            |                  |    |   |
|            |   | 99 | Unknown   |                  |    |   |
| XCoord     | X-Coordinate (UTM NAD 83 Zone 15)         |    | Easting value for crash location in UTM NAD 83 Zone 15  | Numeric: Decimal | 11 | 4 |
| YCoord     | Y-Coordinate (UTM NAD 83 Zone 15)         |    | Northing value for crash location in UTM NAD 83 Zone 15 | Numeric: Decimal | 12 | 4 |
| CSeverity  | Crash Severity                            |    |   | Numeric: Integer | 1  | 0 |
|            |   | 1  | Fatal   |                  |    |   |
|            |   | 2  | Major Injury  |                  |    |   |
|            |   | 3  | Minor Injury  |                  |    |   |
|            |   | 4  | Possible/Unknown  |                  |    |   |
|            |   | 5  | Property Damage Only                                    |                  |    |   |