****

**STARS**

**Extract Specifications**

**For De-Personalized Data**

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**Prepared by:**

**Art Luebbering**

**MSHP, Information and Communication Technology Division**

**Please Note: These data specifications may change**

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Overview

This extraction process creates 3 comma delimited files, each with a different record level.

* Crash Level
* Vehicle Level
* Person Level

Each file is a comma delimited line and each line represents a record. Records are laid out in the same order as the field definitions in this manual.

A Crash record has one or more Vehicle records which can have one or more person records.

Files and Field Definitions

# File: Crash

**Level:** Parent File

**Primary Key:** CrashId

**Description:** This is the parent file and holds crash data at the incident level.

* 1. Field: CrashId

**Description:** Primary Key

* 1. Field: AgencyOri

**Description:** ORI Number

* 1. Field: AgencyCaseNumber

**Description:** A report, case, or incident number assigned by the agency

* 1. Field: CrashType

**Description:**  Class of motor vehicle crash by type of occurrence

**Codes:**

|  |
| --- |
| 01 = Animal |
| 02 = Pedalcycle |
| 03 = Fixed Object |
| 04 = Other Object |
| 05 = Pedestrian |
| 06 = Railway Vehicle |
| 07 = MV in Transport |
| 09 = Parked Vehicle |
| 10 = Overturning |
| 11 = Other Non-Collision |
| 12 = Animal Drawn Vehicle / Animal Ridden Trans |
| 13 = Working Motor Vehicle |
| 14 = Fire / Explosion |
| 15 = Immersion |
| 16 = Jackknife |
| 17 = Fell / Jumped from MV |
| 18 = Cargo / Equipment Loss/Shift |

* 1. Field: CrashDate

**Description:** Date/time of the crash

* 1. Field: CrashDateUnk

**Description:**  The date a crash occurred is not known

**Codes:**

|  |
| --- |
| ␢ = Crash date is known |
| U = crash date is unknown |

* 1. Field: InvestigationDate

**Description:** The date crash was investigated

* 1. Field: ResponseMinutes

**Description:**  The total time to respond to the crash

* 1. Field: ResponseTimeUnk

**Description:**  If the notify or arrival times are unknown, this field is U and ResponseMinutes is set to 0.

**Codes:**

|  |
| --- |
| ␢ = Response time is known |
| U = Response time is unknown |

* 1. Field: NumberInjured

**Description:**  Number of persons injured in the crash

* 1. Field: NumberMinorInjuries

**Description:** Number of persons receiving minor injuries in the crash

**NOTE:** Based on person injury level 3&4

* 1. Field: NumberDisablingInjuries

**Description:**  Number of persons receiving disabling injuries in the crash

**NOTE:** Based on person injury level 2

* 1. Field: NumberKilled

**Description:** Number of persons killed in the crash

* 1. Field: County

**Description:**  County code in which the crash occurred.

**Codes:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 001 | ADAIR | 047 | IRON | 093 | ST. CLAIR |
| 002 | ANDREW | 048 | JACKSON | 094 | ST. FRANCIOS |
| 003 | ATCHISON | 049 | JASPER | 095 | ST. LOUIS |
| 004 | AUDRAIN | 050 | JEFFERSON | 097 | STE. GENEVIEVE |
| 005 | BARRY | 051 | JOHNSON | 098 | SALINE |
| 006 | BARTON | 052 | KNOX | 099 | SCHUYLER |
| 007 | BATES | 053 | LACLEDE | 100 | SCOTLAND |
| 008 | BENTON | 054 | LAFAYETTE | 101 | SCOTT |
| 009 | BOLLINGER | 055 | LAWRENCE | 102 | SHANNON |
| 010 | BOONE | 056 | LEWIS | 103 | SHELBY |
| 011 | BUCHANAN | 057 | LINCOLN | 104 | STODDARD |
| 012 | BUTLER | 058 | LINN | 105 | STONE |
| 013 | CALDWELL | 059 | LIVINGSTON | 106 | SULLIVAN |
| 014 | CALLAWAY | 060 | MCDONALD | 107 | TANEY |
| 015 | CAMDEN | 061 | MACON | 108 | TEXAS |
| 016 | CAPE GIRARDEAU | 062 | MADISON | 109 | VERNON |
| 017 | CARROLL | 063 | MARIES | 110 | WARREN |
| 018 | CARTER | 064 | MARION | 111 | WASHINGTON |
| 019 | CASS | 065 | MERCER | 112 | WAYNE |
| 020 | CEDAR | 066 | MILLER | 113 | WEBSTER |
| 021 | CHARITON | 067 | MISSISSIPPI | 114 | WORTH |
| 022 | CHRISTIAN | 068 | MONITEAU | 115 | WRIGHT |
| 023 | CLARK | 069 | MONROE | 116 | ST. LOUIS CITY |
| 024 | CLAY | 070 | MONTGOMERY | 999 | UNKNOWN |
| 025 | CLINTON | 071 | MORGAN |
| 026 | COLE | 072 | NEW MADRID |
| 027 | COOPER | 073 | NEWTON |
| 028 | CRAWFORD | 074 | NODAWAY |
| 029 | DADE | 075 | OREGON |
| 030 | DALLAS | 076 | OSAGE |
| 031 | DAVIESS | 077 | OZARK |
| 032 | DEKALB | 078 | PEMISCOT |
| 033 | DENT | 079 | PERRY |
| 034 | DOUGLAS | 080 | PETTIS |
| 035 | DUNKLIN | 081 | PHELPS |
| 036 | FRANKLIN | 082 | PIKE |
| 037 | GASCONADE | 083 | PLATTE |
| 038 | GENTRY | 084 | POLK |
| 039 | GREENE | 085 | PULASKI |
| 040 | GRUNDY | 086 | PUTNAM |
| 041 | HARRISON | 087 | RALLS |
| 042 | HENRY | 088 | RANDOLPH |
| 043 | HICKORY | 089 | RAY |
| 044 | HOLT | 090 | REYNOLDS |
| 045 | HOWARD | 091 | RIPLEY |
| 046 | HOWELL | 092 | ST. CHARLES |

* 1. Field: Municipality

**Description:**  Municipality code in which the crash occurred.

**Codes:** Valid 4 digit municipality code, 9999 for rural crash.

|  |  |  |  |
| --- | --- | --- | --- |
| 0010 | ADRIAN | 0420 | CANTON |
| 0015 | ADVANCE | 0430 | CAPE GIRARDEAU |
| 0020 | ALBANY | 0440 | CARL JUNCTION |
| 0030 | ANDERSON | 0450 | CARROLLTON |
| 0040 | APPLETON CITY | 0460 | CARTERVILLE |
| 0055 | ARNOLD | 0470 | CARTHAGE |
| 0057 | ASHGROVE | 0480 | CARUTHERSVILLE |
| 0058 | ASHLAND | 0490 | CASSVILLE |
| 0060 | AURORA | 0500 | CENTRALIA |
| 0070 | AVA | 0510 | CHAFFEE |
| 0080 | BALLWIN | 0520 | CHARLACK |
| 0085 | BATTLEFIELD | 0530 | CHARLESTON |
| 0100 | BELLE | 0535 | CHESTERFIELD |
| 0110 | BELLEFONTAINE NEIGHBORS | 0540 | CHILLICOTHE |
| 0120 | BELNOR | 0550 | CLARENCE |
| 0130 | BEL-RIDGE | 0555 | CLARKSON VALLEY |
| 0140 | BELTON | 0560 | CLARKTON |
| 0150 | BERKELEY | 0570 | CLAYCOMO |
| 0160 | BERNIE | 0580 | CLAYTON |
| 0170 | BETHANY | 0585 | CLEVER |
| 0175 | BILLINGS | 0590 | CLINTON |
| 0180 | BISMARCK | 0600 | COLE CAMP |
| 0190 | BLACK JACK | 0610 | COLUMBIA |
| 0200 | BLOOMFIELD | 0620 | CONCORDIA |
| 0210 | BLUE SPRINGS | 0630 | COOL VALLEY |
| 0230 | BOLIVAR | 0635 | COTTLEVILLE |
| 0240 | BONNE TERRE | 0640 | COUNTRY CLUB HILLS |
| 0250 | BOONVILLE | 0645 | COUNTRY CLUB VILLAGE |
| 0255 | BOURBON | 0650 | CRANE |
| 0260 | BOWLING GREEN | 0660 | CRESTWOOD |
| 0270 | BRANSON | 0670 | CREVE COEUR |
| 0280 | BRECKENRIDGE HILLS | 0675 | CROCKER |
| 0290 | BRENTWOOD | 0680 | CRYSTAL CITY |
| 0300 | BRIDGETON | 0690 | CUBA |
| 0310 | BROOKFIELD | 0695 | DARDENNE PRAIRIE |
| 0320 | BRUNSWICK | 0700 | DELLWOOD |
| 0330 | BUCKNER | 0710 | DESLOGE |
| 0340 | BUFFALO | 0720 | DESOTO |
| 0350 | BUTLER | 0730 | DES PERES |
| 0355 | BYRNES MILL | 0740 | DEXTER |
| 0360 | CABOOL | 0750 | DIXON |
| 0370 | CALIFORNIA | 0760 | DONIPHAN |
| 0380 | CALVERTON PARK | 0762 | DREXEL |
| 0390 | CAMDENTON | 0764 | DUENWEG |
| 0400 | CAMERON | 0765 | DUQUESNE |
| 0410 | CAMPBELL | 0770 | EAST PRAIRIE |
| 0780 | EDINA | 1170 | HOLDEN |
| 0790 | EDMUNDSON | 1173 | HOLLISTER |
| 0800 | ELDON | 1175 | HOLTS SUMMIT |
| 0810 | EL DORADO SPRINGS | 1180 | HOUSTON |
| 0830 | ELLISVILLE | 1185 | HUMANSVILLE |
| 0840 | ELSBERRY | 1190 | HUNTSVILLE |
| 0870 | EUREKA | 1210 | INDEPENDENCE |
| 0880 | EXCELSIOR SPRINGS | 1220 | IRONTON |
| 0885 | FAIRGROVE | 1230 | JACKSON |
| 0890 | FARMINGTON | 1232 | JASPER |
| 0900 | FAYETTE | 1240 | JEFFERSON CITY |
| 0910 | FENTON | 1250 | JENNINGS |
| 0920 | FERGUSON | 1260 | JOPLIN |
| 0930 | FESTUS | 1270 | KAHOKA |
| 0950 | FLORISSANT | 1280 | KANSAS CITY |
| 0955 | FORSYTH | 1285 | KEARNEY |
| 0957 | FOUR SEASONS | 1290 | KENNETT |
| 0960 | FREDERICKTOWN | 1295 | KIMBERLING CITY |
| 0970 | FRONTENAC | 1300 | KINGCITY |
| 0980 | FULTON | 1310 | KINLOCH |
| 0990 | GALLATIN | 1320 | KIRKSVILLE |
| 0995 | GARDEN CITY | 1330 | KIRKWOOD |
| 0998 | GERALD | 1340 | KNOB NOSTER |
| 1000 | GIDEON | 1350 | LADUE |
| 1010 | GLADSTONE | 1360 | LA GRANGE |
| 1020 | GLASGOW | 1370 | LAKE LOTAWANA |
| 1030 | GLENDALE | 1374 | LAKE OZARK |
| 1035 | GOODMAN | 1375 | LAKE SAINT LOUIS |
| 1037 | GOWER | 1380 | LAKE HIRE |
| 1038 | GRAIN VALLEY | 1390 | LAKE WAUKOMIS |
| 1040 | GRANBY | 1400 | LAMAR |
| 1050 | GRANDVIEW | 1405 | LA MONTE |
| 1070 | GREENFIELD | 1410 | LA PLATA |
| 1071 | GREEN PARK | 1420 | LATHROP |
| 1072 | GREENWOOD | 1430 | LAWSON |
| 1080 | HAMILTON | 1440 | LEADWOOD |
| 1090 | HANLEY HILLS | 1450 | LEBANON |
| 1100 | HANNIBAL | 1460 | LEES SUMMIT |
| 1110 | HARRISONVILLE | 1470 | LEXINGTON |
| 1120 | HAYTI | 1480 | LIBERTY |
| 1130 | HAZELWOOD | 1490 | LICKING |
| 1135 | HERCULANEUM | 1500 | LILBOURN |
| 1140 | HERMANN | 1505 | LINCOLN |
| 1150 | HIGGINSVILLE | 1510 | LINN |
| 1155 | HILLSBORO | 1515 | LOCKWOOD |
| 1160 | HILLSDALE | 1520 | LOUISIANA |
| 1540 | MACON | 1920 | OLIVETTE |
| 1550 | MALDEN | 1930 | ORAN |
| 1560 | MANCHESTER | 1940 | OSAGE BEACH |
| 1570 | MANSFIELD | 1950 | OVERLAND |
| 1580 | MAPLEWOOD | 1960 | OWENSVILLE |
| 1585 | MARBLE HILL | 1970 | OZARK |
| 1590 | MARCELINE | 1980 | PACIFIC |
| 1600 | MARIONVILLE | 1990 | PAGEDALE |
| 1610 | MARLBOROUGH | 2000 | PALMYRA |
| 1620 | MARSHALL | 2010 | PARIS |
| 1630 | MARSHFIELD | 2011 | PARK HILLS |
| 1635 | MARYLAND HEIGHTS | 2020 | PARKVILLE |
| 1640 | MARYVILLE | 2040 | PASADENA HILLS |
| 1650 | MAYSVILLE | 2045 | PECULIAR |
| 1660 | MEMPHIS | 2050 | PERRYVILLE |
| 1665 | MERRIAM WOODS | 2055 | PEVELY |
| 1670 | MEXICO | 2060 | PIEDMONT |
| 1680 | MILAN | 2070 | PIERCE CITY |
| 1685 | MINER | 2080 | PINELAWN |
| 1690 | MOBERLY | 2090 | PLATTE CITY |
| 1700 | MOLINE ACRES | 2100 | PLATTSBURG |
| 1710 | MONETT | 2110 | PLEASANT HILL |
| 1720 | MONROE CITY | 2120 | PLEASANT VALLEY |
| 1730 | MONTGOMER YCITY | 2130 | POPLARBLUFF |
| 1740 | MOREHOUSE | 2140 | PORTAGEVILLE |
| 1745 | MOSCOW MILLS | 2150 | POTOSI |
| 1750 | MOUND CITY | 2160 | PRINCETON |
| 1760 | MOUNTAIN GROVE | 2162 | PURDY |
| 1770 | MOUNTAINVIEW | 2163 | PUXICO |
| 1780 | MOUNT VERNON | 2165 | RAYMORE |
| 1790 | NEOSHO | 2170 | RAYTOWN |
| 1800 | NEVADA | 2180 | REPUBLIC |
| 1810 | NEW FRANKLIN | 2190 | RICH HILL |
| 1820 | NEW HAVEN | 2200 | RICHLAND |
| 1825 | NEW LONDON | 2210 | RICHMOND |
| 1830 | NEW MADRID | 2220 | RICHMOND HEIGHTS |
| 1840 | NIXA | 2230 | RIVERSIDE |
| 1845 | NOEL | 2240 | RIVERVIEW VILLAGE |
| 1850 | NORMANDY | 2250 | ROCK HILL |
| 1860 | NORTH KANSAS CITY | 2260 | ROCKPORT |
| 1870 | NORTHWOODS | 2265 | ROGERSVILLE |
| 1875 | NORWOOD COURT | 2270 | ROLLA |
| 1880 | OAKGROVE | 2280 | ST. ANN |
| 1890 | OAKLAND | 2290 | ST. CHARLES |
| 1900 | ODESSA | 2300 | ST. CLAIR |
| 1910 | OFALLON | 2310 | STE. GENEVIEVE |
| 2320 | ST. GEORGE | 2740 | VELDA VILLAGE HILLS |
| 2330 | ST. JAMES | 2750 | VERSAILLES |
| 2340 | ST. JOHN | 2760 | VINITA PARK |
| 2350 | ST. JOSEPH | 2770 | WARRENSBURG |
| 2360 | ST. LOUIS | 2780 | WARRENTON |
| 2361 | ST. MARTINS | 2790 | WARSAW |
| 2362 | ST. PAUL | 2800 | WARSON WOODS |
| 2365 | ST. PETERS | 2810 | WASHINGTON |
| 2370 | ST. ROBERTS | 2820 | WAYNESVILLE |
| 2380 | SALEM | 2825 | WEATHERBY LAKE |
| 2390 | SALISBURY | 2830 | WEBB CITY |
| 2400 | SARCOXIE | 2840 | WEBSTER GROVES |
| 2410 | SAVANNAH | 2845 | WELDON SPRING |
| 2420 | SCOTT CITY | 2850 | WELLSTON |
| 2430 | SEDALIA | 2860 | WELLSVILLE |
| 2440 | SENATH | 2870 | WENTZVILLE |
| 2450 | SENECA | 2880 | WESTON |
| 2460 | SEYMOUR | 2890 | WEST PLAINS |
| 2470 | SHELBINA | 2895 | WILDWOOD |
| 2480 | SHREWSBURY | 2900 | WILLARD |
| 2490 | SIKESTON | 2910 | WILLOW SPRINGS |
| 2500 | SLATER | 2920 | WINCHESTER |
| 2510 | SMITHVILLE | 2930 | WINDSOR |
| 2515 | SPARTA | 2935 | WINONA |
| 2520 | SPRINGFIELD | 2940 | WOODSON TERRACE |
| 2530 | STANBERRY | 2945 | WRIGHT CITY |
| 2540 | STEELE | 9999 | NON-CITY OR UNINCORPORATED |
| 2550 | STEELVILLE | 2650 | TOWN AND COUNTRY |
| 2560 | STOCKTON | 2660 | TRENTON |
| 2566 | STRAFFORD | 2670 | TROY |
| 2570 | SUGARCREEK | 2680 | UNION |
| 2580 | SULLIVAN | 2690 | UNIONVILLE |
| 2590 | SUNSET HILLS | 2700 | UNIVERSITY CITY |
| 2600 | SWEET SPRINGS | 2710 | VALLEY PARK |
| 2610 | TARKIO | 2720 | VANDALIA |
| 2620 | THAYER | 2730 | VELDA CITY |
| 2640 | TIPTON |  |  |

* 1. Field: BeatZone

**Description:**  The zone where the crash occurred

* 1. Field: TroopDistrict

**Description:** The troop, district or precinct where the crash occurred

* 1. Field: OnOffRoadway

**Description:**  Indicates whether the crash occurred on or off the roadway indicated in ON LOCATION STREET

**Codes:**

|  |
| --- |
| 1 = On roadway |
| 2= Off roadway |

* 1. Field: RoadMaintainedBy

**Description:**  Describes who maintains the roadway on which the crash occurred.

**Codes:**

|  |
| --- |
| N=Not Entered |
| 1=State |
| 2=County |
| 3=Municipal |
| 4 = Private Property |
| 5 = Other |
| 6 = Unknown |

* 1. Field: HighwayClass

**Description:**  Indicates the highway class.

**Codes:**

|  |  |
| --- | --- |
| A | Interstate |
| B | US Roadway |
| C | Alternate Route |
| D | State Numbered |
| E | State Numbered Alternate |
| F | US Business Route, Spur |
| G | State Business Route, Spur |
| H | Single State Lettered |
| I | Double State Lettered |
| J | Outer Road |
| K | County Road |
| L | City Street |
| M | Interstate Loop |
| N | Other/Unknown |

* 1. Field: RouteDesignater

**Description:**  Indicates the route designation on which the crash occurred.

**Codes:**

|  |  |
| --- | --- |
| IS | Interstate |
| US | US Roadway |
| AL | Alternate Route |
| MO | State Numbered |
| LP | Loop (Interstates Only) |
| SP | Spur |
| BU | Business Route (US or MO only) |
| RT | State Lettered |
| CST | City Street |
| RP | Ramp |
| CRD | County Road |
| CO | Connector for Wye Leg |
| OR | Outer Road |
| EOR | East Outer Road |
| NOR | North Outer Road |
| SOR | South Outer Road |
| WOR | West Outer Road |
| PVT | Private Road |
| PP | Private Property |
| RV | Reversible |
| RA | Rest Area |
| WS | Weigh Station |
| ALY | Alley |
| BR | Bridge |
| UNK | Unknown |

* 1. Field: TrafficwayType

**Description:** The configuration of the traffic way

**Note:** New for 2012,

**Codes:**

|  |
| --- |
| 1 = Two Way, Not Divided |
| 2 = Two Way, Divided, Unprotected Median |
| 3 = Two Way, Divided, Positive Median Barrier |
| 4 = One Way |
| 5 = Two Way, Not Divided, Continuous Center Turn Lane |
| 6 = Other |
| U = Unknown |
| NA = Not Applicable |

* 1. Field: LogPoint

**Description:**  A zero logpoint indicates that MODOT was unable to land the logpoint.

* 1. Field: LandedLongitude

**Description:**  The crash location longitude in DD MM SS.S (decimal seconds) format and WGS84 datum setting.

* 1. Field: LandedLattitude

**Description:**  The crash location latitude in DD MM SS.S (decimal seconds) format and WGS84 datum setting.

* 1. Field: OnLocHighway

**Description:**  The official highway number on which the crash occurred

**Codes:** Either 1) a numbered road, 4 characters long, left zero filled.

2) A lettered road designation.

No special characters allowed

* 1. Field: OnLocStreet

**Description:**  The name of the street where a crash occurred. Street designator is included with the street name.

* 1. Field: OnLocDirection

**Description:**  the route direction of the street on which the crash occurred.

**Codes:**

|  |
| --- |
| NA = Not Applicable |
| E = East |
| N = North |
| S = South |
| U = Unknown |
| W = West |

* 1. Field: OnLocSpeedLimit

**Description:**  The posted speed limit of roadway on which a crash occurred.

**Codes:**

|  |
| --- |
| 05 - 70 in increments of 5 |
| U = Unknown |
| NA = Not applicable, crash did not occur on a roadway |
| OP = Short Form Optional prior 2012 |

* 1. Field: OnLocDistanceFromFeet

**Description:** The distance to the crash scene in feet from the nearest intersecting street, roadway, ramp, emergency reference maker (ERM), or bridge as listed in the MoDOT Location Book.

* 1. Field: OnLocDistanceFromMiles

**Description:** The distance to the crash scene in miles from the nearest intersecting street, roadway, ramp, emergency reference maker (ERM), or bridge as listed in the MoDOT Location Book.

* 1. Field: IntersectionType

**Description:**  Indicates the type of intersection at the crash location

**Note:** New in 2012

**Codes:**

|  |
| --- |
| 01 = Not At Intersection |
| 02 = Four-Way Intersection |
| 03 = T-Intersection  04 = Y-Intersection |
| 05 = Roundabout |
| 06 = Five-Way or More Intersection |
| 07 = Other |
| 99 = Unknown |
| NA = Not Applicable |

* 1. Field: IntersectionLocation

**Description:**  Crash location spatially relative to and intersecting street, roadway, ramp, or beginning of bridge structure. Based on the roadway direction of the lane in which the first harmful occurred or the lane where vehicle initially left the roadway

**Codes:**

|  |
| --- |
| AT= At Intersection |
| A = After |
| B = Before |
| NA= Not Applicable |

* 1. Field: AtLocStreet

**Description:**  Route designation of the intersecting street where the crash occurred. It is comprised of the route designator and the street name.

* 1. Field: IntersectionDirection

**Codes:**

|  |
| --- |
| W = West |
| N = North |
| S= South |
| E - East |
| NA = Not Applicable |
| U = Unknown |

* 1. Field: AtLocationSpeedLimit

**Description:**  Posted speed limit of roadway on which a crash occurred.

**Codes:**

|  |
| --- |
| 05 - 70 in increments of 5 |
| U = Unknown |
| NA = Not applicable, crash did not occur on a roadway |

* 1. Field: RoadAlignment

**Description:**  Curvature of the road on which the crash occurred

**Codes:**

|  |
| --- |
| 1 = Straight |
| 2 = Curved |
| U = Unknown |
| OP = Optional, short form |

* 1. Field: RoadProfile

**Description:**  Incline of the road where the crash occurred.

**Codes:**

|  |
| --- |
| 1= Level |
| 2=Grade |
| 3 = Hillcrest |
| 4 = Uphill |
| 5 = Downhill |
| 6 = Dip |
| U = Unknown |
| OP = Optional, short form |

* 1. Field: RoadSurface

**Description:**  primary surface of the road where a crash occurred

**Codes:**

|  |
| --- |
| OP = Optional for Short form |
| 1 = Concrete |
| 2 = Asphalt |
| 3 = Brick |
| 4 = Gravel |
| 5 = Dirt / Sand |
| 6 = Multi-Surface |
| 7 = Cobblestone |
| U = Unknown |
| OP = Optional, short form |

* 1. Field: LightCondition

**Description:**  Type or level of light conditions at the time the crash occurred

**Codes:**

|  |
| --- |
| 1 = Daylight |
| 2 = Dark - Lighted |
| 3 = Dark - Unlighted |
| 6 = Dark - Unknown Lighting |
| 7 = Other |
| U = Unknown |

* 1. Field: NumberVehicles

**Description:**  Number of vehicles involved in the crash

* 1. Field: TwoVehicleAnalysis

**Description:**  Indicates the manner that two vehicles initially came together without regard to direction of force. This field pertains only to crashes classified as "MV in Transport", "Working Motor Vehicle", or "Parked Vehicle".

**Codes:**

|  |
| --- |
| NA = Not a two vehicle crash |
| 60 = Front to Front |
| 61 = Front to Rear |
| 62 = Sideswipe (Opposite Direction) |
| 63 = Sideswipe (Same Direction) |
| 64 = Angle |
| 65=Backed into (2002 only) |
| 66 = Unknown |
| 67 = Other |
| 68 = Rear to Rear |
| 69 = Rear to Side |
| 70 = Falling / Shifting Cargo (Set in motion by motor vehicle) |

* 1. Field: InvestigatedAtScene

**Description:**  Indicates whether a crash was investigated at the scene.

**Codes:**

|  |
| --- |
| N = Crash not investigated at scene |
| U=Unknown |
| Y = Crash investigated at scene |

* 1. Field: LeftTheScene

**Description:**  Indicates whether one or more drivers left the scene of the crash prior to the arrival of a law enforcement officer.

**Codes:**

|  |
| --- |
| N = No drivers left the scene |
| Y = One of more drivers left the scene |

* 1. Field: WeatherCondition1, WeatherCondition2, WeatherCondition3

**Description:**  Indicates the prevailing weather condition at the time the crash occurred.

**Codes:**

|  |
| --- |
| 1 = Clear |
| 2 = Cloudy |
| 3 = Rain |
| 4 = Snow |
| 5 = Sleet / Hail |
| 6 = Freezing |
| 7 = Fog / Mist |
| 10 = Severe Crosswind |
| 11 = Other |
| U = Unknown |

* 1. Field: RoadCondition1, RoadCondition1

**Description:**  Indicates a second surface condition of the roadway at the time of a crash.

**Codes:**

|  |
| --- |
| 1= Dry |
| 2 = Wet |
| 3 = Snow |
| 4 = Ice / Frost |
| 5 = Slush |
| 6 = Mud / Dirt |
| 7 = Standing Water |
| 8 = Moving Water |
| 9 = Other |
| 10 = Sand / Gravel |
| U=Unknown |

# 

# Table: TR15TB\_Vehicle

**Level:** Child of Crash Table

**Primary Key(s):**  \_Id

**Description:** Stores Vehicle and Driver specific information.

* 1. Field: VehicleId

**Description:** Primary Key

* 1. Field: CrashId

**Description:** Foreign Key

* 1. Field: VehicleLicenseState

**Description:** State / province issuing the vehicle license.

**Codes:**

|  |  |  |
| --- | --- | --- |
| ␢=Not Applicable | JR=JARVIS ISLAND | OT=Other |
| AB=ALBERTA | KI=KINGMAN REEF | PA=PENNSYLVANIA |
| AG=AGUASCALIENTES | KS=KANSAS | PB=PUEBLA |
| AK=ALASKA | KY=KENTUCKY | PE=PRINCE EDWARD ISLAND |
| AL=ALABAMA | LA=LOUISIANA | PL=PALMYRA ATOLL |
| AM=AMERICAN SAMOA | MA=MASSACHUSETTS | PQ=QUEBEC |
| AR=ARKANSAS | MX=MEXICO (STATE) | PR=PUERTO RICO |
| AZ=ARIZONA | NA=NAYARIT | QR=QUINTANA ROO |
| BA=BAJA CALIFORNIA (NORTHERN SECTION) | NB=NEBRASKA | QU=QUERETARO |
| BC=BRITISH COLUMBIA | NC=NORTH CAROLINA | RI=RHODE ISLAND |
| BJ=BAJA CALIFORNIA SUR (SOUTHERN SECTION) | ND=NORTH DAKOTA | SC=SOUTH CAROLINA |
| BK=BAKER ISLAND |  | SD=SOUTH DAKOTA |
| CA=CALIFORNIA | NH=NEW HAMPSHIRE | SI=SINALOA |
| CE=CAMPECHE | NJ=NEW JERSEY | SK=Saskatchewan |
| CG=CAROLINE ISLANDS | NK=NEW BRUNSWICK | SL=SAN LUIS POTOSI |
| CH=CHIHUAHUA | NL=NUEVO LEON | SN=SASKATCHEWAN |
| CI=CHIAPAS | NM=NEW MEXICO | SO=SONORA |
| CL=COLIMA | NO=NONE | TA=TAMAULIPAS |
| CO=COLORADO | NS=NOVA SCOTIA | TB=TABASCO |
| CT=CONNECTICUT | NT=NORTHWEST TERRITORIES | TL=TLAXCALA |
| CU=COAHUILA | NV=NEVADA | TN=TENNESSEE |
| CZ=CANAL ZONE | NY=NEW YORK | TX=TEXAS |
| DC=DISTRICT OF COLUMBIA | OA=OAXACA | UK=UNKNOWN |
| DE=DELAWARE | OH=OHIO | US = US Government |
| DF=MEXICO, D.F. (DISTRITO FEDERAL) | OK=OKLAHOMA | UT=UTAH |
| DO=DURANGO | ON=ONTARIO | VA=VIRGINIA |
| FL=FLORIDA | MB=MANITOBA | VC=VERACRUZ |
| GA=GEORGIA | MC=MICHOACAN | VI=VIRGIN ISLANDS |
| GM=GUAM | MD=MARYLAND | VL=NAVASSA ISLAND |
| GR=GUERRERO | ME=MAINE | VT=VERMONT |
| GU=GUANAJUATO | MH=NORTHERN MARSHALL ISLANDS | WA=WASHINGTON |
| HI=HAWAII | MI=MICHIGAN | WI=WISCONSIN |
| HL=HIDALGO | MK=MARIANA ISLANDS | WK=WAKE ISLAND |
| HO=HOWLAND ISLAND | MN=MINNESOTA | WV=WEST VIRGINIA |
| IA=IOWA | MO=MISSOURI | WY=WYOMING |
| ID=IDAHO | MR=MORELOS | YT=YUKON (TERRITORY) |
| IL=ILLINOIS | MS=MISSISSIPPI | XX = Foreign Country |
| IN=INDIANA | MT=MONTANA | YU=YUCATAN |
| JI=JOHNSTON ATOLL | MW=MIDWAY ISLANDS | ZA=ZACATECAS |
| JL=JALISCO | OR=OREGON |  |

* 1. Field: VehicleLicenseYear

**Format:** Char 4

**TMS Field:** VEHICLE\_LICENSE\_YR

**Required:** Optional

**Description:**  The four-digit year designation of plate or the current year for license plates not displaying a year, such as an apportioned plate.

**Codes:**

|  |
| --- |
| Missouri License - Valid 4 digit Year that is not more than 3 years greater than the crash date |
| Non Missouri License - Valid 4 digit Year |
| NA=Not Applicable |
| U = Unknown |

* 1. Field: VehicleYear

**Description:**  Four-digit vehicle model year or the year indicated on title or as obtained from the Department of Revenue.

**Codes:**

|  |
| --- |
| ␢= blank |
| Valid 4 digit Year later than 1900 and less than current year +3 |
| NA=Not Applicable |
| U = Unknown |

* 1. Field: VehicleMake

**Description:**  The vehicle make as indicated by the appropriate NCIC code.

**Codes:** Valid NCIC Vehicle Make Code

* 1. Field: VehicleModel

**Description:** The model of the vehicle

* 1. Field: VehicleColorCd1

**Description:** The predominant color(s) of the vehicle.

**Codes:**

|  |  |
| --- | --- |
| NA=Not Applicable | MAU=Mauve |
| AME=Amethyst | MUL=Multicolored |
| BGE=Beige | ONG=Orange |
| BLK=Black | ORC=Orchid |
| BLU=Blue | PEA=Peach |
| BRO=Brown | PEW=Pewter |
| BRZ=Bronze | PLE=Purple |
| MAR=Maroon/Burgundy | PNK=Pink |
| CAM= Camouflage | PRI=Primer |
| CHA=Charcoal | RED=Red |
| COM=Chrome / Stainless | RUS=Rust |
| CPR=Copper | SIL=Silver / Aluminum |
| CRM=Cream / Ivory | TAN=Tan |
| DBL=Dark Blue | TAU=Taupe |
| DGR=Dark Green | TEA=Teal |
| GLD=Gold | TRQ=Turquoise |
| GRN=Green | WHI=White |
| GRY=Grey | WIN=Wine |
| LAV=Lavender | WOD=Wood grain |
| LBL=Light Blue | YEL=Yellow |
| LGR=Light Green | UNK=Unknown |
| MAR=Maroon/Burgundy |  |
|  |  |

* 1. Field: VehicleColorCd2

**Description:**  The secondary color of the vehicle.

**Codes:** See VehicleColorCd1

* 1. Field: VehicleUsageTypeCd

**Description:**  The type of vehicle at the time it became involved in the crash and how it was being used at the time of the crash. Excludes aircraft, watercraft, personal conveyances (motorized or human powered but not propelled by pedaling), weapon, and devices operated within the confines of a building.

**Codes:**

|  |
| --- |
| 1 = Motor vehicle in transport |
| 2 = Parked motor vehicle |
| 3 = Working motor vehicle |
| 4 = Pedacycle |
| 5 = Animal drawn vehicle / animal ridden for transport purposes |
| 6 = Railway vehicle |
| U = Unknown |
| ␢ = crash is before 2012 |

* 1. Field: NumberOfOccupants

**Description:**  The total number of vehicle occupants, including the driver and persons in or on the vehicle at the time of the first un-stabilized event.

* 1. Field: VehicleBodyTypeCd

**Description:**  The body type of a vehicle involved in a crash. Body type identification is based on vehicle design, NOT how it is licensed or used.

**Codes:**

|  |
| --- |
| 1 = Passenger Car |
| 3 = Sport Utility Vehicle |
| 5 = Passenger Van (<9 W/ Driver) |
| 6 = Small Bus (9 - 15 W/Driver) |
| 7 = Large Bus (16+ W/Driver) |
| 10 = Motorcycle |
| 11 = ATV |
| 12 = Motorized Bicycle |
| 13 = Pedalcycle |
| 14 = Motor Home |
| 15 = Farm Implements |
| 16 = Construction Equipment / Heavy Machinery |
| 17 = Other Vehicle |
| 19 = Pickup |
| 20 = Single Unit Truck; 2 Axels, 6 Tires |
| 21 = Single Unit Truck; 3 or More Axels |
| 22 = Truck Tractor with No Units |
| 23 = Truck Tractor with One Unit |
| 24 = Truck Tractor with Two Units |
| 25 = Truck Tractor with Three Units |
| 26 = Other Heavy Truck |
| 27 = Cargo Van |
| 28 = Limousine (9 - 15 W/Driver) |
| 29 = Limousine (7 - 8 W/Driver) |
| 30 = Passenger Van (9 + W/Driver) |
| RV = Train |
| U = Unknown |

* 1. Field: VehicleBusTypeCd

**Description:**  The type of a small or large bus involved in a crash.

**Codes:**

|  |
| --- |
| 2012 |
| 1 = School bus |
| 2 = Intercity bus |
| 3 = Transit / commuter bus |
| 4 = Charter / tour bus |
| 5 = Other bus |
| N = Not Applicable, Not a bus |

* 1. Field: MCATVNumberOfWheels

**Format:** Char 2

**TMS Field:** MCATV\_NO\_OF\_WHEELS

**Required:** Optional

**Description:**  the wheel configuration when motorcycle or ATV is identified as a body.

**Codes:**

|  |
| --- |
| NA = Not Applicable |
| 2= 2 Wheels |
| 3= 3 Wheels |
| 4= 4 Wheels |
| 5= 5 or more Wheels |
| U = Unknown |

* 1. Field: OtherVehicleTypeCd

**Description:**  Indicates the type of vehicle in crash is not described by VEHICLE\_BODY\_TYPE.

**Notes:** New for 2012

**Codes:**

|  |
| --- |
| 1 = Riding mower / garden tractor |
| 2 = Golf cart |
| 3 = Snowmobile |
| 4 = Forklift |
| 5 = Animal drawn vehicle / animal ridden for transportation |
| 6 = Low speed vehicle (LSV) |
| 7 = Other |
| U = Unknown |
| NA= Not Applicable |

* 1. Field: CVECargoBodyTypeCd

**Description:**  the cargo body type of the motor carrier.

**Codes:**

|  |
| --- |
| NA=Not Applicable(not a CMV) |
| 1 = Enclosed Box |
| 2 = Cargo Tank |
| 3 = Flatbed |
| 4 = Dump |
| 5 = Concrete Mixer |
| 6 = Auto Transport |
| 7 = Garbage / Refuse |
| 8 = Grain/Chip/Gravel |
| 9 = Pole Trailer |
| 10 = Other |
| 11=Bus>15 |
| 12=Bus 9-15 |
| 13 = Log |
| 14 = Vehicle Towing another Vehicle |
| 15 = Intermodal Container Chassis |
| 16 = No Cargo Body |
| U = Unknown |

* 1. Field: VehiclePullingOtherUnitCd

**Format:** Char 1

**TMS Field:** VEH\_PULLING\_UNIT

**Required:** Optional

**Description:** Indicates if any of the vehicles other that truck tractors were pulling a towed unit.

**Codes:**

|  |
| --- |
| Y = Yes |
| N = No |

* 1. Field: GCVWRatingCd

**Description:**  the gross vehicle weight rating (GVWR) of a single unit vehicle (pickups, cargo vans, all trucks, and truck tractors only) or the gross combined vehicle weight rating (GCVWR) of a vehicle combination. This is not the licensed weight.

**Codes:**

|  |
| --- |
| NA = Not applicable |
| 1=10,001 - 26,000 Lbs |
| G=Greater Than 26,000 Lbs |
| L=Less Than Or Equal To 10,000 Lbs |
| U = Unknown GCVW |

* 1. Field: VehiclePublicConveyanceInd

**Description:**  Indicates if the vehicle was serving as a public conveyance at the time of the crash such as engaged in the bus, taxi, or limousine shuttle services with or without passengers.

**Notes:** New in 2012

**Codes:**

|  |
| --- |
| 2012 |
| Y = Yes |
| N = No |
| ␢ = 2002 crash |

* 1. Field: EmergencyVehicleInvolvedInd

**Description:**  Indicates type of motor vehicle legally authorized under Section 304.022 RSMo that responded to the crash with or without the use of emergency warning equipment.

**Codes:**

|  |
| --- |
| 1 = Police |
| 2 = Fire |
| 3 = Ambulance |
| 4 = Other |
| N A= Not applicable |

* 1. Field: EmergencyVehicleOnRunInd

**Description:**  Indicates if the responding emergency vehicle was on an emergency run (moving with emergency equipment activated) at the time of the crash.

**Codes:**

|  |
| --- |
| N = Not An Emergency Vehicle |
| A = Emergency Vehicle On Run |
| B = Stationary With Emergency Equipment Activated |

* 1. Field: NoVehicleDamageQualCntl

**Description:**  Indicates that the vehicle, including any towed unit and / or cargo, was not damaged.

**Codes:**

|  |
| --- |
| Y = Yes, There Was No Vehicle Damage |
| N = Vehicle Damaged |

* 1. Field: InitialVehicleDamage

**Description:**  Indicates the corresponding area of the vehicle that sustained the initial damage in a crash.

**Codes:**

|  |
| --- |
| 1 = Front Center |
| 2 = Front Right |
| 3 = Front Right Side |
| 4 = Front Right Center |
| 5 = Rear Right Center |
| 6 = Rear Right Side |
| 7 = Rear Right |
| 8 = Rear Center |
| 9 = Rear Left |
| 10 = Rear Left Side |
| 11 = Rear Left Center |
| 12 = Front Left Center |
| 13 = Front Left Side |
| 14 = Front Left |
| 15 = Hood |
| 16 = Roof |
| 17 = Trunk |
| 18 = Undercarriage |
| 19 = Windshield |
| 20 = Burned(2002 only) |
| 21 = Towed Unit |
| 22 = Cargo |
| 24 = Other |
| U= Unknown |
| NA = Not Applicable |

* 1. Field: InitialImpactNA

**Description:**  Indicates initial impact is not applicable.

**Codes:**

|  |
| --- |
| Y = Yes |
| N = No |

* 1. Field: InterstateCarrierInd

**Description:** Indicates the commercial status of commercial motor vehicle at time of the crash.

**Notes:** New in 2012

**Codes:**

|  |
| --- |
| 0 = Intrastate Carrier |
| 1 = Interstate Carrier |
| 2 = Not in commerce - other vehicle |
| 3 = Not in commerce - government vehicle |
| 4 = Not in commerce - rental vehicle |
| NA= Not applicable |

* 1. Field: HazardousMaterialPresent

**Description:**  Indicates if hazardous material was present.

**Codes:**

|  |
| --- |
| Y = Yes |
| N = No |
| U=Unknown |
| NA=Not Applicable |

* 1. Field: HazardousMaterialInvolved

**Description:**  Indicates the type of hazardous material involved.

**Notes:** Not Collected for 2012 TMS

**Codes:**

|  |
| --- |
| ␢= Not applicable |
| 1=Gases in Bulk |
| 2=Solids in Bulk |
| 3=Liquids in Bulk |
| 4=Explosives |
| 5=None |

* 1. Field: PlacardDisplayed

**Description:**  Indicates whether or not the motor carrier displayed a hazardous materials placard.

**Codes:**

|  |
| --- |
| NA = Not Applicable |
| N = No |
| Y = Yes |

* 1. Field: HazmatClass

**Description:**  Indicates the number found on the bottom of the hazardous materials diamond placard.

**Codes:**

|  |
| --- |
| 1=Explosives |
| 2=Compressed Gasses |
| 3=Flammable Liquids |
| 4=Flammable Solids |
| 5=Oxidizers |
| 6=Poisons |
| 7=Radioactive Materials |
| 8=Corrosive Liquids |
| 9=Miscellaneous |
| NA=Not Applicable |

* 1. Field: HazmatPlacardDiaNumber

**Description:**  Indicates the four-digit hazardous materials number found in the middle of the hazardous materials placard.

**Codes:**

|  |
| --- |
| 4 digit number |
| UNK = Unknown |
| NA = Not Applicable |

* 1. Field: HazardousMaterialReleased

**Description:**  Indicates if hazardous materials were released as a result of crash. Hazardous material present must equal Y.

**Codes:**

|  |
| --- |
| NA = Not Applicable |
| Y = Yes, hazardous materials were released |
| N = No, hazardous materials were not released |
| U = Unknown |

* 1. Field: DriverPresenceCd

**Description:**  Indicates whether a driver involved in a crash was present and if they were indentified or not.

**Codes:**

|  |
| --- |
| 1 = Driver present and identified |
| N = No driver |
| U = Unknown driver |
| I = Unidentified Driver |

* 1. Field: OwnerDriverInd

**Description:**  Indicates that the driver is the owner of the vehicle.

**Codes:**

|  |
| --- |
| Y = Driver is owner |
| N = Driver is not owner |

* 1. Field: OperatorLicenseState

**Description:**  Indicates US state, Canadian province, or Mexican state issuing the driver license / identification card

**Codes:**

|  |  |  |
| --- | --- | --- |
| ␢=Not Applicable | JR=JARVIS ISLAND | OT=Other |
| AB=ALBERTA | KI=KINGMAN REEF | PA=PENNSYLVANIA |
| AG=AGUASCALIENTES | KS=KANSAS | PB=PUEBLA |
| AK=ALASKA | KY=KENTUCKY | PE=PRINCE EDWARD ISLAND |
| AL=ALABAMA | LA=LOUISIANA | PL=PALMYRA ATOLL |
| AM=AMERICAN SAMOA | MA=MASSACHUSETTS | PQ=QUEBEC |
| AR=ARKANSAS | MX=MEXICO (STATE) | PR=PUERTO RICO |
| AZ=ARIZONA | NA=NAYARIT | QR=QUINTANA ROO |
| BA=BAJA CALIFORNIA (NORTHERN SECTION) | NB=NEBRASKA | QU=QUERETARO |
| BC=BRITISH COLUMBIA | NC=NORTH CAROLINA | RI=RHODE ISLAND |
| BJ=BAJA CALIFORNIA SUR (SOUTHERN SECTION) | ND=NORTH DAKOTA | SC=SOUTH CAROLINA |
| BK=BAKER ISLAND | NB=NEBRASKA | SD=SOUTH DAKOTA |
| CA=CALIFORNIA | NH=NEW HAMPSHIRE | SI=SINALOA |
| CE=CAMPECHE | NJ=NEW JERSEY | SK=Saskatchewan |
| CG=CAROLINE ISLANDS | NK=NEW BRUNSWICK | SL=SAN LUIS POTOSI |
| CH=CHIHUAHUA | NL=NUEVO LEON | SN=SASKATCHEWAN |
| CI=CHIAPAS | NM=NEW MEXICO | SO=SONORA |
| CL=COLIMA | NO=NONE | TA=TAMAULIPAS |
| CO=COLORADO | NS=NOVA SCOTIA | TB=TABASCO |
| CT=CONNECTICUT | NT=NORTHWEST TERRITORIES | TL=TLAXCALA |
| CU=COAHUILA | NV=NEVADA | TN=TENNESSEE |
| CZ=CANAL ZONE | NY=NEW YORK | TX=TEXAS |
| DC=DISTRICT OF COLUMBIA | OA=OAXACA | UK=UNKNOWN |
| DE=DELAWARE | OH=OHIO | US = US Government |
| DF=MEXICO, D.F. (DISTRITO FEDERAL) | OK=OKLAHOMA | UT=UTAH |
| DO=DURANGO | ON=ONTARIO | VA=VIRGINIA |
| FL=FLORIDA | MB=MANITOBA | VC=VERACRUZ |
| GA=GEORGIA | MC=MICHOACAN | VI=VIRGIN ISLANDS |
| GM=GUAM | MD=MARYLAND | VL=NAVASSA ISLAND |
| GR=GUERRERO | ME=MAINE | VT=VERMONT |
| GU=GUANAJUATO | MH=NORTHERN MARSHALL ISLANDS | WA=WASHINGTON |
| HI=HAWAII | MI=MICHIGAN | WI=WISCONSIN |
| HL=HIDALGO | MK=MARIANA ISLANDS | WK=WAKE ISLAND |
| HO=HOWLAND ISLAND | MN=MINNESOTA | WV=WEST VIRGINIA |
| IA=IOWA | MO=MISSOURI | WY=WYOMING |
| ID=IDAHO | MR=MORELOS | YT=YUKON (TERRITORY) |
| IL=ILLINOIS | MS=MISSISSIPPI | XX = Foreign Country |
| IN=INDIANA | MT=MONTANA | YU=YUCATAN |
| JI=JOHNSTON ATOLL | MW=MIDWAY ISLANDS | ZA=ZACATECAS |
| JL=JALISCO | OR=OREGON |  |

* 1. Field: OperatorLicenseType

**Description:**  Indicates the type of individuals drivers license

**Codes:**

|  |
| --- |
| 1 = Operator |
| 2 = CDL |
| 3 = Permit |
| 4 = Unlicensed |
| 5 = Motorcycle Only |
| 6 = Intermediate / Graduated |
| U = Unknown |
| NA = Not Applicable |

* 1. Field: DriverLicenseClass

**Description:** Indicates the class associated with a Missouri individual’s operators drivers license

**Codes (License State = MO Only):**

|  |
| --- |
| A |
| B |
| C |
| E = Missouri class E |
| F = Missouri class F |
| U = Unknown |
| NA = Not applicable |

* 1. Field: MotorcycleQualified

**Description:**  Indicates whether individual has a motorcycle endorsement to drivers license

**Codes:**

|  |
| --- |
| N = No |
| Y = Yes |
| U = Unknown |
| NA = Not Applicable |

* 1. Field: OperatorLicenseStatus

**Description:**  Indicates the status of individuals drivers license

**Notes:** New for 2012

**Codes:**

|  |
| --- |
| 1 = Valid |
| 2 = Suspended / revoked / denied |
| 3 = Cancelled / otherwise invalid |
| 4 = Expired |
| 5 = Disqualified CDL |
| U = Unknown |
| N A= Not applicable |
| ␢ = crash before 2012 |

* 1. Field: InsuredDriverVehicleInd

**Description:**  Indicates whether the insurance is for the vehicle or for the driver.

**Notes:** Auto Entry only

**Codes:**

|  |
| --- |
| NA = Not Applicable |
| D = Driver |
| V = Vehicle |

* 1. Field: InsuranceInd

**Description:** Indicates whether the driver involved in crash had proof of insurance.

**Codes:**

|  |
| --- |
| NA = Not applicable |
| N = No, proof of insurance or financial responsibility required but not shown. |
| U - Unknown Insurance |
| NR = Proof of insurance is not required and not shown |
| Y = Yes, proof of insurance or financial responsibility shown |

* 1. Field: InsuranceExpired

**Description:**  Indicates if the drivers insurance is expired

**Notes:** New in 2012

**Codes:**

|  |
| --- |
| E = Driver's insurance is expired |
| V = Drivers insurance is valid |

* 1. Field: PreCrashTravelDirection

**Description:**  Indicates the compass direction of travel the vehicle was traveling prior to the initial crash impact.

**Codes:**

|  |
| --- |
| E = East |
| N = North |
| S = South |
| U = Unknown |
| W = West |

* 1. Field: TrafficCondition

**Description:**  Indicates the traffic conditions at the time of the crash.

**Codes:**

|  |
| --- |
| 2 = Crash Ahead |
| 3 = Congestion Ahead |
| 4 = Other Incident Ahead |
| N A= Not Applicable |
| U = Unknown |

* 1. Field: TrafficCntlMalfunctionInd

**Description:**  Indicates if one or more of the electric or other traffic control devices was malfunctioning, inoperative, or missing at the time of the crash even if the malfunctioning, inoperative, or missing control was not a contributor to the crash.

**Codes:**

|  |
| --- |
| Y = Yes |
| N = No |
| U = Unknown |
| NA = Not applicable |

* 1. Field: WorkZoneInd

**Description:**  Indicates if the crash occurred in a work zone such as a traffic way where construction, maintenance, or utility work activities are identified by warning signs/signals/indicators, including those on transport devices (e.g., signs, flashing lights, channelizing devices, barriers, pavement markings, flagmen, warning signs and arrow boards mounted on vehicles in a mobile maintenance activity) that mark the beginning and end of a construction, maintenance, or utility work activity.

**Codes:**

|  |
| --- |
| Y = Yes |
| N = No |
| U = Unknown |

* 1. Field: WorkerPresentInd

**Description:**  Indicates whether workers were present or not in the work zone.

**Notes:** New in 2012

**Codes:**

|  |
| --- |
| Y = Yes |
| N = No |
| U = Unknown |
| NA = Not applicable |

* 1. Field: TrafficCntlElectricalSignal

**Description:** Indicates if electrically powered devices that warn or direct vehicular traffic to take some specific action are present at the crash location.

**Notes:** New for 2012

**Codes:**

|  |
| --- |
| 12 = None |
| 13 = Electric Signal - Green/Yellow/Red |
| 14 = Electric Signal - Flashing Red |
| 15 = Electric Signal - Flashing Yellow |
| 16 = Electric Signal - Ramp Meter |
| 17 = Electric Signal - Other |
| 5 = Electrical Signal (Before 2012) |
| U = Unknown |

* 1. Field: PedalcycleToFromSchoolInd

Description: Indicates if the individual using a pedalcycle involved in the crash was traveling to or from a primary or secondary school (grades K through 12).

**Notes:** New in 2012

**Codes:**

|  |
| --- |
| Y = Yes |
| N = No |
| NA = Not applicable |

* 1. Field: TowedFromScene

**Description:** Indicates whether the vehicle was towed from the scene but not driven from the scene under its own power.

**Codes:**

|  |
| --- |
| Y = Yes |
| N = No |
| U = Unknown |

* 1. Field: TowedBecauseDisabled

**Description:** Indicates whether vehicle was towed (or will be towed) from the scene because of disabling damage received in the crash

**Codes:**

|  |
| --- |
| Y = Yes |
| N = No |
| U = Unknown |
| ␢ = crash before 2012 |

* 1. Field InitialImpactInd

**Description:** Indicates whether the vehicle was involved in the initial impact.

Data is not collected for any crashes after 2011.

* 1. Field: AnimalCd 1 - 4

**Description:**  Indicates the type of animal struck by vehicle if crash involved the collision with either an alive or dead animal.

**Codes:**

|  |
| --- |
| NA = Not Applicable |
| 60 = Deer |
| 61 = Farm Animal |
| 62 = Dog |
| 63 = Other Animal |
| U = Unknown |

* 1. Field: VehicleActionCd 1 - 15

**Description:**  Describes vehicle action(s) just prior to the first destabilizing event to final rest.

**Codes:**

|  |
| --- |
| 1= Going Straight |
| 2= Overtaking |
| 3= Making Right Turn |
| 4= Making Right Turn On Red |
| 5= Making Left Turn |
| 6= Making U-Turn |
| 7= Skidding / Sliding |
| 8= Slowing / Stopping |
| 9= Start in Traffic |
| 10= Start From Parked |
| 11= Backing |
| 12= Stopped In Traffic |
| 13= Parked |
| 14= Changing Lanes |
| 15= Avoiding |
| 16= Cross Median |
| 17= Cross Center Of Road |
| 18= Cross Road |
| 19= Airborne |
| 20= Ran Off Roadway - Right |
| 21= Ran Off Roadway - Left |
| 22= Overturn/Rollover |
| 23= Fire / Explosion |
| 24= Immersion |
| 25= Jackknife |
| 26= Cargo / Equipment Loss / Shift |
| 27= Equipment Failure |
| 28= Separation of Units |
| 29= Returned To Roadway |
| 30= Collision Inv. Pedestrian |
| 31= Collision Inv. Bicycle / Pedalcycle |
| 32= Collision Inv. Railway Vehicle |
| 33= Collision Inv. Animal |
| 34= Collision Inv. MV In Transport |
| 35= Collision Inv. Parked MV |
| 36= Collision Inv. Fixed Object |
| 37= Collision Inv. Other Object |
| 38= Other Non-Collision |
| 39= Collision Inv. Bicycle / Pedalcycle In Bicycle Lane |
| 40= Collision Inv. Animal Drawn Vehicle / Animal Ridden For Transportation |
| 41= Collision Inv. Working MV |
| 42= Downhill Runaway |
| 43= Fell / Jumped From MV |
| 44= Thrown / Falling Object |
| 45= Struck By Falling / Shifting Cargo, Object Set In Motion By Own MV |
| 46= Ran Off Roadway - Other |
| 47= Cross Separator |
| U=Unknown |
| NA= Not Applicable |

* 1. Field: TrafficControlOtherCd 1 - 10

**Format:** Char 2

**TMS Field:** HP\_TRAFFIC\_CONTROL\_OTHER: CODE

2002 - If HP\_VEHICLE\_DRIVER: TRAFFIC\_CONTROL\_ZN equals school then '3' (School Zone)

**Required:** Optional

**Description:**  Indicates if any non-electrically powered devices that warn or direct vehicular traffic to take some specific action are present at the crash location.

**Codes:**

|  |
| --- |
| 3=School Zone |
| 4=Stop Sign |
| 6=Railway Crossing Sign/Device |
| 7=Yield Sign |
| 8=Officer/Flagman |
| 9=No Passing Zone |
| 10=Turn Restricted |
| 11=Signal On School Bus |
| 12=None |
| 18=Warning Sign / Device |
| 19=Other |
| U=Unknown |

* 1. Field: DamageCd 1 - 25

**Description:**  Indicates the corresponding area of the vehicle that sustained damage in a crash.

Each field holds a code to a corresponding damage area/type. Fields 1-25 can be empty depending on how they was entered. A value in DamageCd1 does not necessarily mean that the Front Center area was damaged. A value of “1” in any field DamageCd1 through DamageCd25 does mean that the Front Center of the vehicle was damaged.

**Codes:**

|  |
| --- |
| 1 = Front Center |
| 2 = Front Right |
| 3 = Front Right Side |
| 4 = Front Right Center |
| 5 = Rear Right Center |
| 6 = Rear Right Side |
| 7 = Rear Right |
| 8 = Rear Center |
| 9 = Rear Left |
| 10 = Rear Left Side |
| 11 = Rear Left Center |
| 12 = Front Left Center |
| 13 = Front Left Side |
| 14 = Front Left |
| 15 = Hood |
| 16 = Roof |
| 17 = Trunk |
| 18 = Undercarriage |
| 19 = Windshield |
| 20 = Burned |
| 21 = Towed Unit |
| 22 = Cargo |
| 24 = Other |
| U=Unknown |
| NA=Not Applicable |

* 1. Field: FixedObjectCd 1 - 8

**Description:**  Indicates the type of fixed object struck by vehicle if crash involved collision with a fixed object.

**Codes:**

|  |
| --- |
| 20= Tree / Stump |
| 21= Embankment / Driveway / Ground / Rock Bluff |
| 22= Guardrail Face |
| 23= Utility Pole |
| 24= Fence |
| 25= Street Light Support |
| 26= Culvert |
| 27= Highway Traffic Sign Post / Support |
| 28= Bridge Pier/ Abutment / Support |
| 29= Curb |
| 30= Mail Box |
| 31= Concrete Traffic Barrier |
| 32= Building |
| 33= Traffic Signal Support |
| 34= Impact Attenuator / Crash Cushion |
| 35= Fire Hydrant |
| 36= Other |
| 37= Bridge Parapet End |
| 38= Bridge Rail |
| 39= Guardrail End |
| 45= Cable Barrier |
| 41= Overhead Sign Support |
| 42= Ditch |
| 43= Other Post / Pole / Support |
| 44= Wall |
| 40= Other Traffic Barrier |
| 45= Cable Barrier |
| 46= Bridge Overhead Structure |
| 47= Overhead Line / Cable |
| U = Unknown |

* 1. Field: VisionObstructedCd 1 - 5

**Description:**  Describes what was obstructing the vision of the driver.

**Codes:**

|  |
| --- |
| 1= Windshield |
| 2= Load on Vehicle |
| 3= Trees / Brush |
| 4= Building |
| 5= Embankment |
| 6= Sign |
| 7= Hillcrest |
| 8= Parked Vehicle |
| 9= Moving Vehicle |
| 10= Glare |
| 11= Other |
| 12= Not Obscured |
| 13= Stopped Vehicle |
| U= Unknown |

# Table: TR15TB\_Person

**Level:** Child of Vehicle Table

**Description:** This table has person data for each active participant involved in the crash.

* 1. Field: PersonId

Description: Primary Key

* 1. Field: VehicleId

Description: Foreign Key to Vehicle File

* 1. Field: CrashId

**Format:** Char 10

**Description:** UC Crash Number

* 1. Field: PersonInvolvementCd

**Description:** Indicates how the person was involved in the crash.

**Codes:**

|  |
| --- |
| 1 = Driver |
| 2 = Passenger |
| 3 = Pedestrian |
| 4 = Pedal cyclist |
| 6 = Train Engineer |
| 7 = Train Conductor |
| 8 = Train Crew |

* 1. Field: Sex

**Description:**  Indicates the gender of the driver, other occupant, or pedestrian involved in the crash.

**Codes:**

|  |
| --- |
| F = female |
| M= Male |
| U= Unknown |

* 1. Field: DOB

**Description:**  Identifies the birth date of the driver, other occupant, or pedestrian involved in the crash.

* 1. Field: PersonalInjuryLevel

**Description:**  Indicates the severity of injuries sustained by drivers, occupants, or pedestrians involved in the crash.

**Codes:**

|  |
| --- |
| ␢ = Short Form Or Non-Participant (Owners, No Drivers) |
| 1=Fatal |
| 2=Disabling Injury |
| 3=Evident Injury (Not Disabling) |
| 4=Probably Injury (Not Apparent) |
| 5=None Apparent |
| U=Unknown |

* 1. Field: SeatLocationCd

**Description:**  Indicates the seated location in a vehicle of the driver or passenger involved in the crash.

**Codes:**

|  |
| --- |
| B = Bicycle / pedalcycle |
| CP = Commercial passenger |
| FC = Front center |
| FL = Front left |
| FR = Front right |
| M = Motorcycle |
| OE = Occupant - enclosed load area |
| OU = Occupant - Unenclosed load area |
| RC = Rail crew |
| SC = Second center |
| SL = Second left |
| SR = Second right |
| SV = Other |
| TC = Third center |
| TL = Third left |
| TR = Third right |
| XX = Unknown |
| NA = Not Applicable |
|  |

* 1. Field: TransportedInd

**Description:** Indicates if and how a driver, occupant, or pedestrian was transported due to injuries sustained in a crash.

**Codes:**

|  |
| --- |
| 1 = No |
| 2 = Yes, EMS |
| 3 = Yes, Other |
| U = Unknown |
| N A= Not Applicable |

* 1. Field: EjectionInd

**Description:** Indicates if a driver or occupant was ejected from a vehicle involved in a crash.

**Codes:**

|  |
| --- |
| 2 = No |
| 3 = Partially |
| 4 = Totally |
| U = Unknown |
| NA = Not Applicable |

* 1. Field: AirbagCd

**Description:**  Indicates if air bags were present for the driver or occupant and whether any airbags were deployed.

**Codes:**

|  |
| --- |
| 1 = None / Not applicable |
| 2= retired, no longer used |
| 3 = Not Deployed |
| 4= retired, no longer used |
| 5 = Deployed - Front |
| 6 = Deployed - Side |
| 7 = Deployed - Curtain |
| 8 = Deployed - Other (Knee, Air Belt, etc.) |
| 9 = Deployed - Combination |
| 10 = Deployment Unknown |
| U = Air Bag Presence Unknown |
| OP= Optional field in 2002 |

* 1. Field: AlcoholUseInd

**Description:**  Indicates whether any driver, occupant, or pedestrian involved in the crash is suspected to have used alcohol in the investigating officer's opinion but not a judgment of quantity or intoxication level.

**Notes:** New for 2012

**Codes:**

|  |
| --- |
| Y = Yes |
| N= No |
| U = Unknown |
| NA = Not applicable |

* 1. Field: PedestrianLocationCd

**Description:** Indicates the location of a pedestrian with respect to the roadway at the time he or she was struck.

**Codes:**

|  |
| --- |
| NA = Not Applicable |
| 1=At Intersection(2002 data only) |
| 2=Not At Intersection(2002 data only) |
| 3 = On Roadway |
| 4 = On Sidewalk |
| 5 = In Driveway Access |
| 6 = Off Roadway |
| 7 = On Median / Crossing Island |
| U = Unknown |

* 1. Field: PedestrianType

**Description:**  Indicates the type of pedestrian involved in a crash.

**Notes:** New in 2012

**Codes:**

|  |
| --- |
| 1 = Law enforcement officer |
| 2 = Other emergency services personnel |
| 3 = MoDOT worker |
| 4 = Other traffic way worker |
| 5 = Other pedestrian |
| NA = Not Applicable |
| ␢ = 2002 crash |

* 1. Field: PedestrianSchoolInfoInd

**Description:**  Indicates whether pedestrian involved in a crash was a K - 12 students going to / from school or a school sponsored event.

**Codes:**

|  |
| --- |
| 1 = Going To/From School |
| 2 = Getting On/Off School Bus |
| 3 = Both of The Above |
| NA = Not Applicable |
| U = Unknown |
| ␢ = 2002 crash |

* 1. Field : AgeAtCrash

**Description:**  This field indicates the person’s age at the time of the crash.

This field equals -1 if the person involvement code is a 5, 9, 10 or 12 or if the Driver’s Presence

equals N. 999 indicates the person’s age is unknown

* 1. Field: ContribCircCd 1 - 12

**Description:**  Indicates driver errors, vehicle defects, and miscellaneous circumstances that contributed to the crash.

**Codes:**

|  |
| --- |
| 1 = Vehicle Defects |
| 3 = Improperly Stopped On Roadway |
| 4 = Speed - Exceeded Limit |
| 5 = Too Fast For Conditions |
| 6 = Improper Passing |
| 7 = Violation Signal / Sign |
| 8 = Wrong Side (Not Passing) |
| 9 = Following Too Close |
| 10 = Improper Signal |
| 11 = Improper Backing |
| 12 = Improper Turn |
| 13 = Improper Lane Usage / Change |
| 14 = Wrong Side (One-Way) |
| 15 =Improper Start From Park |
| 16 = Improperly Parked |
| 17 = Failed To Yield |
| 18 = Alcohol |
| 19 = Drugs |
| 20 = Physical Impairment |
| 21 = Distracted / Inattentive |
| 22= None |
| 23 = Vision Obstructed |
| 24 = Driver Fatigue / Asleep |
| 25 = Failed To Dim Lights |
| 26 = Failed To Use Lights |
| 27 = Improper Towing / Pushing |
| 28 = Overcorrected |
| 29 = Improper Riding / Clinging To Vehicle Exterior |
| 30 = Failed To Secure Load / Improper Loading |
| 31 = Animal(s) In Roadway |
| 32 = Object / Obstruction in Roadway |
| 33 = Other |
| U = Unknown |

* 1. Field: DistractionCd 1 - 4

**Description:**  Indicates how a driver was distracted or inattentive and it contributed to the crash.

**Codes:**

|  |
| --- |
| 1 = External Distraction |
| 2 = Passengers |
| 3 = Stereo / Audio / Video Equipment |
| 4 = Navigation Device |
| 5 = Communication Device - Hand Held |
| 6 = Communication Device - Hands Free |
| 7 = Communication Device - Texting / E-mailing |
| 8 = Communication Device - Web Browsing |
| 9 = Eating / Drinking |
| 10 = Reading |
| 11 = Tobacco Use |
| 12 = Grooming |
| 13 = Computer Equipment / Electronic Games / etc. |
| 14 = Adjusting Vehicle Controls |
| 15 = Other |

* 1. Field: PedestrianActionCd 1 - 5

**Description:** Indicates the activity a pedestrian was involved with at the time they were struck.

**Codes:**

|  |
| --- |
| 3 = With signal |
| 4 = Against signal |
| 5 = No signal |
| 6 = DIAGONALLY(2002 Only) |
| 7 = In unmarked crosswalk |
| 8 = In marked crosswalk |
| 9 = Behind / In Front of Parked Vehicle |
| 10 = With Traffic |
| 11 = Against Traffic |
| 12 = Getting On/Off Vehicle |
| 13 = Standing/Lying/Sitting On Road |
| 14 = Pushing/Working On Vehicle |
| 15 = Working In Traffic way |
| 16 = Playing In Traffic way |
| 17 = Walking/Running In Traffic way |
| 18 = Other |
| 19 = Not at crosswalk |
| 20 = OFF ROADWAY |
| US=Unknown if crossing at Signal |
| UC=Unknown if crossing at Crosswalk |
| UA = Unknown pedestrian Action |

* 1. Field: SafetyDeviceCd 1 - 2

**Description:** Indicates the type of safety device used by a driver or occupant in a vehicle involved in a crash.

**Codes:**

|  |
| --- |
| 1= Vehicle Not Equipped with Seat Belts |
| 2=No Safety Device Used |
| 3=Shoulder Belt Only |
| 4=Lap Belt Only |
| 5=Shoulder And Lab Belt |
| 6=Child Restraint |
| 7=Helmet Used |
| 8=Helmet Not Used |
| 10 = Booster Seat |
| 11= Child Restraint - Facing Forward |
| 12 = Child Restraint - Rear Facing |
| 13=Other Helmet |
| 14=Reflective Clothing |
| 15=Other |
| U= Use Unknown |
| N = Not Applicable |