**Illinois Traffic Crash Data Extract File – Vehicle Level**

**Field Name (Data Type):**

1. **ICN (Text) -** IllinoisCase Number (ICN) is a unique identifier assigned to each crash by the Crash Information System (CIS). It is used to link records between the Crash, Vehicle, and Person levels. At the Crash level, the ICN will appear one time for each crash. At the Vehicle and Person levels, the ICN may appear multiple times depending on the number of vehicles and persons involved with the crash. ICN’s for years prior to 2010 may be eight or 12 characters, while ICN’s for years 2010 and later are 12 characters. For ICN’s with eight characters, the first character represents the year of the crash. For ICN’s with 12 characters, the first four characters represent the year of the crash.
2. **CrashID (Text) -** Similar in function to the ICN, the CrashID is a unique identifier assigned to each crash by CIS. The CrashID is included in the Crash level and will appear once for each crash. Statewide crash data extract files do not include the CrashID at the Vehicle and Person levels. County and City crash data extract files may or may not include the CrashID at the Vehicle and Person level, depending on the extract year. It is advised that you check the extract files prior to import to determine field position.
3. **CrashReportUnitNbr (Numeric)-** Number which identifies each unit involved in the crash.
4. **VIN11 (Text) -** First 11 characters of the Vehicle Identification Number.
5. **NbrOccupants (Text) -** Number of persons in vehicle—driver plus passengers.
6. **VehTypeCode (Numeric) -** Code for type of vehicle involved in crash.

|  |  |
| --- | --- |
| 1 | Passenger car |
| 2 | Pickup truck |
| 3 | Van/mini-van |
| 4 | Bus up to 15 passengers |
| 5 | Bus over 15 passengers |
| 6 | Truck – single unit |
| 7 | Tractor w/semi-trailer |
| 8 | Tractor w/o semi-trailer |
| 9 | Farm equipment |
| 10 | Motorcycle (over 150 cc) |
| 11 | Motor driven cycle |
| 12 | Snowmobile |
| 13 | All-terrain vehicle (ATV) |
| 14 | Other vehicle with trailer |
| 15 | Sport utility vehicle (SUV) |
| 16 | Other |
| 20 | Autocycle **Added for 2015** |
| 99 | Unknown/NA |

1. **VehUseCode (Numeric) -** Code for how the vehicle type was used.

|  |  |
| --- | --- |
| 1. | Not in use |
| 2 | Personal |
| 3 | Driver education |
| 4 | Ambulance |
| 5 | Fire |
| 6 | Police |
| 7 | School bus |
| 8 | CTA (Chicago Transit Authority) |
| 9 | Mass transit |
| 10 | Other transit |
| 11 | Military |
| 12 | Agriculture |
| 13 | Tow truck |
| 14 | Construction/maintenance |
| 15 | House trailer |
| 16 | Camper/RV – towed/multi-unit |
| 17 | Camper/RV – single unit |
| 18 | Taxi/for hire |
| 20 | Commercial – multi-unit |
| 21 | Commercial – single unit |
| 22 | State owned |
| 25 | Rideshare (Uber, Lyft, etc.) **Added for 2017** |
| 24 | Lawn care/Landscaping **Added for 2008** |
| 98 | Other |
| 99 | Unknown/NA |

1. **VehDefectsCode (Numeric) -** Code for vehicle defects contributing to crash.

|  |  |
| --- | --- |
| 1 | None |
| 2 | Brakes |
| 3 | Steering |
| 4 | Engine/motor |
| 5 | Suspension |
| 6 | Tires |
| 7 | Exhaust |
| 8 | Lights |
| 9 | Signals |
| 10 | Windows |
| 11 | Restraint system |
| 12 | Wheels |
| 13 | Trailer coupling |
| 14 | Cargo |
| 15 | Fuel system |
| 16 | Other |
| 99 | Unknown |

1. **VehManeuverPriorCode (Numeric) -** Code for vehicle maneuver prior to crash.

|  |  |
| --- | --- |
| 1 | Straight ahead |
| 2 | Passing/overtaking |
| 3 | Turning left |
| 4 | Turning right |
| 5 | Turning on red |
| 6 | U-turn |
| 7 | Starting in traffic |
| 8 | Slow/stop – left turn |
| 9 | Slow/stop – right turn |
| 10 | Slow/stop – load/unload |
| 11 | Slow/stop in traffic |
| 12 | Driving wrong way |
| 13 | Changing lanes |
| 14 | Avoiding vehicles/objects |
| 15 | Skidding/control loss |
| 16 | Entering traffic lane from parking |
| 17 | Leaving traffic lane to park |
| 18 | Merging |
| 19 | Diverging |
| 20 | Enter from drive/alley |
| 21 | Parked |
| 22 | Parked in traffic lane |
| 23 | Backing |
| 24 | Driverless |
| 25 | Other |
| 26 | Negotiating a curve |
| 99 | Unknown/NA |

1. **DirectionPriorTravelCode (Numeric) -** Code forDirection vehicle was travelling prior to crash.

|  |  |
| --- | --- |
| 1 | North |
| 2 | Northeast |
| 3 | East |
| 4 | Southeast |
| 5 | South |
| 6 | Southwest |
| 7 | West |
| 8 | Northwest |
| 9 | Unknown |

1. **IsTowed (Text) -** Vehicle towed/not towed due to crash.

Y/N

1. **IsFire (Text) -** Vehicle fire/no fire as result of crash.

Y/N

1. **IsHazMatSpill (Text) -** Vehicle leaking/not leaking hazardous materials. **Removed from page 1 of the 2013 SR 1050 form and is derived from the Commercial Motor Vehicle portion on page 2**

Y/N

1. **IsCommercial (Text) -** Vehicle is/is not a commercial vehicle.

Y/N

1. **EventMostSevereCode (Numeric) -** Code for most severe event in the sequence of events (SOE).
2. **EventMostSevereLocCode (Numeric) -** Code forlocation of the vehicle when the most harmful event took place.
3. **MostHarmfulEventNo (Numeric) -** Of the three SOE’s, which was the most harmful (1, 2, or 3).
4. **CrashEvent1Code (Numeric) -** Code for first event of vehicle in SOE.
5. **CrashEvent2Code (Numeric) -** Code for second event of vehicle in SOE.
6. **CrashEvent3Code (Numeric) -** Code for third event of vehicle in SOE.

|  |  |
| --- | --- |
| Non-Collision | |
| 1 | Ran off the roadway |
| 2 | Overturn |
| 3 | Fire/explosion |
| 4 | Immersion |
| 5 | Jackknife |
| 6 | Cargo shift/loss |
| 7 | Separation |
| 8 | Downhill runaway |
| 9 | Other non-collision |
| 99 | Unknown |
|  | |
| Collision With: | |
| Not Fixed Objects | |
| 11 | Motor vehicle in traffic |
| 12 | Pedestrian |
| 13 | Pedalcyclist |
| 14 | Railway train |
| 15 | Deer |
| 16 | Other animal |
| 17 | Falling load |
| 18 | Hit parked vehicle |
| 19 | Thrown/falling object |
| 20 | Other object |
| 99 | Unknown |
|  | |
| Fixed Objects | |
| 21 | Crash cushion |
| 22 | Guardrail face |
| 23 | Guardrail end |
| 24 | Concrete median barrier |
| 25 | Bridge support |
| 26 | Bridge end |
| 27 | Bridge rail |
| 28 | Bridge underside |
| 29 | Traffic signal |
| 30 | Light support |
| 31 | Utility pole |
| 32 | Delineator post |
| 33 | Railroad signal/gates |
| 34 | Other pole or post |
| 35 | Culvert |
| 36 | Curb |
| 37 | Ditch/embankment |
| 38 | Snowbank |
| 39 | Fence |
| 40 | Mailbox |
| 41 | Tree or shrub |
| 42 | Building/structure |
| 43 | Other fixed object |
| 44 | Cable barrier |
| 99 | Unknown |

1. **Event1LocCode (Numeric) -** Code forlocation of vehicle at first event.
2. **Event2LocCode (Numeric) -** Code forlocation of vehicle at second event.
3. **Event3LocCode (Numeric) -** Code forlocation of vehicle at third event.

|  |  |
| --- | --- |
| 1 | On pavement (roadway) |
| 2 | Off pavement – left |
| 3 | Off pavement – right |
| 4 | Intersection |
| 5 | Other |
| 9 | Unknown |

1. **VehPointOfFirstContactCode (Numeric) -** Code for area of vehicle where first contact was made.

|  |  |
| --- | --- |
| 00 | None |
| 01 | Front |
| 02 | Right front quarter panel |
| 03 | Right side center |
| 04 | Right back quarter panel |
| 05 | Rear |
| 06 | Left rear quarter panel |
| 07 | Left side center |
| 08 | Left front quarter panel |
| 09 | Roof |
| 10 | Under carriage |
| 11 | Total (All areas) |
| 12 | Other |
| 52 | Contact with Towing vehicle |
| 99 | Unknown |

1. **DirectionPriorTravel (Text) -** Text for field 10
2. **VehDefects (Text) -** Text for field 8
3. **VehManeuverPrior (Text) -** Text for field 9
4. **VehType (Text) -** Text for field 6
5. **VehUse (Text) -** Text for field 7
6. **EventMostSevere (Text) -** Text for field 17
7. **EventMostSevereLoc (Text) -** Text for field 18
8. **CrashEvent1 (Text) -** Text for field 20
9. **CrashEvent2 (Text) -** Text for field 21
10. **CrashEvent3 (Text) -** Text for field 22
11. **Event1Loc (Text) -** Text for field 23
12. **Event2Loc (Text) -** Text for field 24
13. **Event3Loc (Text) -** Text for field 25
14. **VehYear (Text) -** Four digit year for Vehicle Model
15. **VehMake (Text) -** Text for Vehicle Make
16. **VehModel (Text) -** Text for Vehicle Model
17. **ExceedingSpeedLimit (Text) -** Vehicle did/did not exceed speed limit. **Added 2013**

Y/N

**Notes:**

* **Added “Year” -** Field/Attribute was added for that year and will not contain data for years prior.
* **Removed “Year” -** Field/Attribute was removed for that year and will not contain data from that year forward.
* Pedalcyclist = bicyclist
* Autocycle = Public Act 98-0777, effective 1-1-15, established a new category of motor vehicle in Illinois, the “Autocycle.”   An autocycle is defined as:  “A 3-wheel motor vehicle that has a steering wheel and seating that does not require the operator to straddle or sit astride it.”  The Polaris Slingshot qualifies as an “autocycle.”