**Illinois Traffic Crash Data Extract File – Crash 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. **CountyCode (Numeric) -** Code used to identifycounty in which crash occurred. County Name text is in field 49.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1. ADAMS | 19. DE KALB | 37. HENRY | 55. MC DONOUGH | 73. PERRY | 91. UNION |
| 2. ALEXANDER | 20. DE WITT | 38. IROQOUIS | 56. MC HENRY | 74. PIATT | 92. VERMILION |
| 3. BOND | 21. DOUGLAS | 39. JACKSON | 57. MC LEAN | 75. PIKE | 93. WABASH |
| 4. BOONE | 22. DU PAGE | 40. JASPER | 58. MACON | 76. POPE | 94. WARREN |
| 5. BROWN | 23. EDGAR | 41. JEFFERSON | 59. MACOUPIN | 77. PULASKI | 95. WASHINGTON |
| 6. BUREAU | 24. EDWARDS | 42. JERSEY | 60. MADISON | 78. PUTNAM | 96. WAYNE |
| 7. CALHOUN | 25.EFFINGHAM | 43. JO DAVIESS | 61. MARION | 79. RANDOLPH | 97. WHITE |
| 8. CARROLL | 26. FAYETTE | 44. JOHNSON | 62. MARSHALL | 80. RICHLAND | 98. WHITESIDE |
| 9. CASS | 27. FORD | 45. KANE | 63. MASON | 81 ROCK ISLAND | 99. WILL |
| 10.CHAMPAIGN | 28. FRANKLIN | 46. KANKAKEE | 64. MASSAC | 82. ST. CLAIR | 100. WILLIAMSON |
| 11. CHRISTIAN | 29. FULTON | 47. KENDALL | 65. MENARD | 83. SALINE | 101. WINNEBAGO |
| 12. CLARK | 30. GALLATIN | 48. KNOX | 66. MERCER | 84. SANGAMON | 102. WOODFORD |
| 13. CLAY | 31. GREENE | 49. LAKE | 67. MONROE | 85. SCHUYLER |  |
| 14. CLINTON | 32. GRUNDY | 50. LA SALLE | 68. MONTGOMERY | 86. SCOTT |  |
| 15. COLES | 33. HAMILTON | 51. LAWRENCE | 69. MORGAN | 87. SHELBY |  |
| 16. COOK | 34. HANCOCK | 52. LEE | 70. MOULTRIE | 88. STARK |  |
| 17. CRAWFORD | 35.HARDIN | 53. LIVINGSTON | 71. OGLE | 89. STEPHENSON |  |
| 18.CUMBERLAND | 36. HENDERSON | 54. LOGAN | 72. PEORIA | 90. TAZEWELL |  |

1. **CrashYear (Text) -** Last two digits of the crash year.
2. **CrashMonth (Numeric) -** Numeric month of the crash.
3. **CrashDay (Numeric) -** Numeric day of month in which crash occurred.
4. **NumberOfVehicles (Numeric) -** Number of vehicles involved in crash.
5. **DayOfWeekCode (Numeric) -** Numeric day of week in which crash occurred. Derived from Crash Date**. Removed from the 2013 SR 1050 form.**

|  |  |
| --- | --- |
| 1 | Monday |
| 2 | Tuesday |
| 3 | Wednesday |
| 4 | Thursday |
| 5 | Friday |
| 6 | Saturday |
| 7 | Sunday |

1. **CrashHour (Text) -** Hour of day in which crash occurred (24 hour).
2. **CityCode (Numeric) -** Code forcity in which crash occurred**.** List of city codes and names available on request. City name is in field 52.
3. **CityClassCode (Numeric) -** Code for city classification.

|  |  |
| --- | --- |
| 0 | Unincorporated |
| 3 | Chicago |
| 4 | Population under 2500 |
| 5 | 2,500 - 5,000 |
| 6 | 5,000 – 10,000 |
| 7 | 10,000 – 25,000 |
| 8 | 25,000 – 50,000 |
| 9 | Over 50,000 |

1. **Township (Text) -** Township number.
2. **CollisionTypeCode (Numeric) -** Code for type of first crash.

|  |  |
| --- | --- |
| 1 | Pedestrian |
| 2 | Pedalcyclist |
| 3 | Train |
| 4 | Animal |
| 5 | Overturned |
| 6 | Fixed Object |
| 7 | Other Object |
| 8 | Other non-collision |
| 9 | Parked Motor vehicle |
| 10 | Turning |
| 11 | Rear-end |
| 12 | Sideswipe-same direction |
| 13 | Sideswipe-opposite direction |
| 14 | Head-on |
| 15 | Angle |

1. **TotalFatals (Numeric) -** Total number of persons killed in crash.Self-coding.
2. **TotalInjured (Numeric) -** Total number of persons injured in crash.Self-coding.
3. **NoInjuries (Numeric) -** Count of persons involved in the crash that were not injured or killed.
4. **AInjuries (Numeric) -** Total of incapacitating injuries in the crash.

Incapacitating Injury: Any injury other than fatal injury, which prevents the injured person from walking, driving, or normally continuing the activities he/she was capable of performing before the injury occurred. Includes severe lacerations, broken limbs, skull or chest injuries, and abdominal injuries.

1. **BInjuries (Numeric) -** Total of non-incapacitating injuries in the crash.

Non-incapacitating injury: Any injury, other than fatal or incapacitating injury, which is evident to observers at the scene of the crash. Includes lump on head, abrasions, bruises, and minor lacerations.

1. **CInjuries (Numeric) -** Total of possible injuries in the crash.

Possible injury – any injury reported or claimed which is not either of the above injuries. Includes momentary unconsciousness, claims of injuries not evident, limping, complaint of pain, nausea, and hysteria.

1. **CrashSeverity (Text) -** Literal for highest injury severity of crash.

|  |
| --- |
| Fatal |
| Injury |
| Property damage |

1. **AgencyCode (Numeric) -** Code for type of agency that investigated the crash.

|  |  |
| --- | --- |
| 0 | None |
| 1 | City Police |
| 2 | County Sheriff |
| 3 | State Police |
| 9 | All others |

1. **RouteNumber (Numeric) -** Number used to identify the route type. Route Prefix + Route Number; Example: 9055 = Interstate 55.

|  |  |
| --- | --- |
| 1 | US Route |
| 2 | Interstate Business Loop |
| 3 | Business US Route |
| 4 | By pass and US one-way couple |
| 5 | Illinois Route |
| 6 | Illinois one-way couple |
| 7 | Interstate Business Loop one-way couples |
| 8 | Nonmarked Route |
| 9 | Interstate |

1. **Milestation (Decimal) -** Location measured to the nearest 0.01 mile from the origin of an IDOT roadway, increasing to the end of the roadway. Locations along IDOT roadways are defined by two variables: the route identifier and the linear measure (mile station). Self-coding
2. **ClassOfTrafficwayCode (Numeric) -** Code for class of trafficway.

|  |  |
| --- | --- |
| 0 | Unmarked Highway rural **Removed 2011** |
| 1 | Controlled rural |
| 2 | State numbered rural |
| 3 | County and local roads rural |
| 4 | Toll roads rural |
| 5 | Controlled urban |
| 6 | State numbered urban |
| 7 | Unmarked highway urban **Removed 2011** |
| 8 | City streets urban |
| 9 | Toll roads urban |

Note: Starting with the 2011 data, 0 and 7 are no longer utilized. These two categories are now included in either 3 or 8 depending on the location of the road.

1. **NHS (Text) -** National Highway System

Y/N

1. **TrafficControlDeviceCode (Numeric) -** Code for type of traffic control device.

|  |  |
| --- | --- |
| 1 | No controls |
| 2 | Stop sign/flasher |
| 3 | Traffic signal |
| 4 | Yield |
| 5 | Police/flagman |
| 6 | RR crossing gate |
| 7 | Other RR crossing |
| 8 | School zone |
| 9 | No passing |
| 10 | Other regulatory sign |
| 11 | Other warning sign |
| 12 | Lane use marking |
| 13 | Other |
| 14 | Delineators **Added** **2008** |
| 99 | Unknown |

1. **RoadSurfaceConditionCode (Numeric) -** Code for road surface condition.

|  |  |
| --- | --- |
| 1 | Dry |
| 2 | Wet |
| 3 | Snow or slush |
| 4 | Ice |
| 5 | Sand, mud, dirt |
| 6 | Other |
| 9 | Unknown |

1. **RoadDefectsCode (Numeric) -** Code for road defects.

|  |  |
| --- | --- |
| 1 | No defects |
| 2 | Construction zone **Removed 2013** |
| 3 | Maintenance zone **Removed 2013** |
| 4 | Utility work zone **Removed 2013** |
| 5 | Work zone – unknown **Removed 2013** |
| 6 | Shoulders |
| 7 | Rut, holes |
| 8 | Worn surface |
| 9 | Debris on roadway |
| 10 | Other |
| 99 | Unknown |

Note: 2, 3, 4, and 5 were removed in 2013 and made their own fields.

1. **LightConditionCode (Numeric) -** Code for light condition.

|  |  |
| --- | --- |
| 1 | Daylight |
| 2 | Dawn |
| 3 | Dusk |
| 4 | Darkness |
| 5 | Darkness, lighted road |
| 9 | Unknown |

1. **WeatherCode (Numeric) -** Code for atmospheric conditions.

|  |  |
| --- | --- |
| 1 | Clear |
| 2 | Rain |
| 3 | Snow |
| 4 | Fog/smoke/haze |
| 5 | Sleet/hail |
| 6 | Severe cross wind |
| 7 | Other |
| 8 | Cloudy/overcast **Added 2013** |
| 9 | Unknown |

1. **Cause1Code (Text) -** The factor which is most significant in causing the crash, as determined by officer judgment. Also referred to as Primary Cause.
2. **Cause2Code (Text) -** The factor which is second most significant in causing the crash, as determined by officer judgment. Also referred to as Secondary Cause

Note: Some codes are purposely missing because they were previously used or were expanded and moved to the end of the list and then renumbered.

|  |  |
| --- | --- |
| 1 | Exceeding authorized speed limit |
| 2 | Failing to yield right-of way |
| 3 | Following too closely |
| 4 | Improper overtaking/passing |
| 5 | Driving on wrong side/wrong way |
| 6 | Improper turning/no signal |
| 7 | Turning right on red |
| 8 | Under the influence of alcohol/drugs(use when arrest is effected) |
| 10 | Equipment – vehicle condition |
| 11 | Weather |
| 12 | Road engineering/surface/marking defects |
| 13 | Road construction/maintenance |
| 14 | Vision obscured (signs, tree limbs, buildings, etc.) |
| 15 | Driving skills/knowledge/experience |
| 17 | Physical condition of driver |
| 18 | Unable to determine |
| 19 | Had been drinking (use when arrest is not made) |
| 20 | Improper lane usage |
| 21 | Animal |
| 22 | Disregarding yield sign |
| 23 | Disregarding stop sign |
| 24 | Disregarding other traffic signs |
| 25 | Disregarding traffic signals |
| 26 | Disregarding road markings |
| 27 | Exceeding safe speed for conditions |
| 28 | Failing to reduce speed to avoid crash |
| 29 | Passing stopped school bus |
| 30 | Improper backing |
| 32 | Evasive action due to animal, object, non-motorist |
| 40 | Distraction – from outside vehicle |
| 41 | Distraction – from inside vehicle |
| 42 | Distraction – operating a wireless phone. **Removed** **2009**  Distraction – electronic communication device (cell phone, texting, etc.)  **Added 2009 Removed 2013** |
| 43 | Distraction – other electronic device (navigation device, DVD player, etc.) **Added 2009** **Removed 2013** |
| 44 | Texting **Added 2013** |
| 45 | Cell phone use other than texting **Added 2013** |
| 50 | Operating vehicle in erratic, reckless, careless,  negligent or aggressive manner |
| 60 | Motorcycle advancing legally on red light **Added 2013** |
| 61 | Bicycle advancing legally on red light **Added 2013** |
| 99 | Not applicable |

1. **RailroadCrossingNumber (Text) -** text/number used to identify rail crossing.
2. **TimeOfCrash (Text) -** Time of crash (12 hour) as entered by the reporting officer.
3. **TrafficControlDeviceConditionCode (Numeric) -** Condition/working order of traffic control device.

|  |  |
| --- | --- |
| 1 | No controls |
| 2 | Not functioning |
| 3 | Functioning improperly |
| 4 | Functioning properly |
| 5 | Worn reflective material |
| 6 | Missing |
| 7 | Other |
| 9 | Unknown |

1. **IntersectionRelated (Text) -** Crash did/did not occur at or in relation to (traffic cuing) an intersection.

Y/N

1. **HitAndRun (Text) -** Crash did/did not involve a vehicle that fled the scene.

Y/N

1. **CrashDate (Text) -** Actual date of crash as entered by the reporting officer.

MM/DD/YYYY

1. **NumberOfLanes (Text) -** Total through lanes of roadway in either direction. Excludes turn lanes.

“0” (zero) = Not applicable - Used for intersection

Number = Through lanes, both directions

1. **AlignmentCode (Numeric) –** Code for roadway alignment at crash location

|  |  |
| --- | --- |
| 1 | Straight and level |
| 2 | Straight on grade |
| 3 | Straight on hillcrest |
| 4 | Curve, level |
| 5 | Curve on grade |
| 6 | Curve on hillcrest |

1. **TrafficwayDescriptionCode (Numeric) -** Code for description of trafficway.

|  |  |  |  |
| --- | --- | --- | --- |
| Two Way | | Other | |
| 1 | Not Divided | 5 | One-way or ramp **Removed 2013** |
| 2 | Divided, no median barrier **Removed 2013** Divided – w/median (not raised) **Added 2013** | 6 | Alley or driveway **Removed 2013** |
| 3 | Divided - w/median barrier | 7 | Parking lot |
| 4 | Center turn lane | 8 | Other |
|  |  | 9 | Unknown |
|  |  | 10 | One-Way **Added 2013** |
|  |  | 11 | Ramp **Added 2013** |
|  |  | 12 | Alley **Added 2013** |
|  |  | 13 | Driveway **Added 2013** |

1. **RoadwayFunctionalClassCode (Numeric) -** Code for functional class of roadway.

|  |  |
| --- | --- |
| 10 | Interstate |
| 20 | Freeway and Expressway |
| 30 | Other Principal Arterial |
| 40 | Minor Arterial (Non-Urban) |
| 50 | Major Collector (Non-Urban) |
| 60 | Local Road or Street (Non-Urban) |
| 70 | Minor Arterial (Urban) |
| 80 | Collector (Urban) |
| 90 | Local road or Street (Urban) |

1. **WorkZoneRelated (Text) -** Crash did/did not occur in or in relation to (traffic cuing) a work zone. Self-coding.

Y/N

1. **City\_Township\_Flag (Text)**

C (City)

T (Township)

1. **TSCrashCoordinateX (Floating) -** State plane X coordinates.
2. **TSCrashCoordinateY (Floating) -** State plane Y coordinates.
3. **TSCrashLatitude (Text)**
4. **TSCrashLongitude (Text)**
5. **CrashReportCounty (Text) -** Text for field 3.
6. **DayOfWeek (Text) -** Text for field 8 **Removed 2013.**
7. **TypeOfFirstCrash (Text) -** Text for field 13.
8. **CityName (Text) -** Text for field 10.
9. **CityClass (Text) -** Text for field 11.
10. **ClassOfTrafficway (Text) -** Text for field 24.
11. **Cause1 (Text) -** Text for field 31.
12. **Cause2 (Text) -** Text for field 32.
13. **TrafficControlDevice (Text) -** Text for field 26.
14. **TrafficControlDeviceCond (Text) -** Text for field 35.
15. **RoadSurfaceCond (Text) -** Text for field 27.
16. **RoadDefects (Text) -** Text for field 28.
17. **CrashInjurySeverity (Text) -** Text for field 68.
18. **LightingCond (Text) -** Text for field 29.
19. **WeatherCond (Text) -** Text for field 30.
20. **RoadAlignment (Text) -** Text for field 40.
21. **TrafficwayDescrip (Text) -** Text for field 41
22. **RoadwayFunctionalClass (Text) -** Text for field 42
23. **InvestigatingAgencyDescrip (Text) -** Text for field 21
24. **CrashSeverityCd (Text) -** Code for the most severe injury in crash

|  |  |
| --- | --- |
| 0 | No Injuries – crash were there were no injuries |
| 1 | C Injury Crash - crash where the most severe injury is C (possible injury) |
| 2 | B Injury Crash - crash where the most severe injury is B (non-incapacitating injury) |
| 3 | A Injury Crash - crash where the most severe injury is A (incapacitating injury) |
| 4 | Fatal Crash - crash were the most severe injury is K (fatal injury) |

1. **DamagedProperty1 (Text) -** Short description of property damaged by the crash other than vehicles
2. **DamagedProperty2 (Text) -** Short description of property damaged by the crash other than vehicles
3. **AgencyReportYear (Text) -** Four digit year in which the investigating law enforcement agency dispatched the crash
4. **AgencyReportNumber (Text) -** Internal tracking number assigned by the investigating law enforcement agency
5. **SFE (Text, 15) -** Bar code number from the police report
6. **DidCrashOccurInWorkZone (Text) -** Did crash occur in/in relation to (traffic cuing) a designated work zone. **Added 2013**

Y/N

1. **WorkZoneType (Text) -** Type of work zone crash occurred in if # 74 is “Yes”. **Added 2013**

|  |
| --- |
| Blank (Crash in Designated Work Zone was “No”) |
| Construction |
| Maintenance |
| Utility |
| Unknown Work Zone Type |

1. **WereWorkersPresent (Text) -** Workers were/were not present in the work zone at the time of the crash. **Added 2013**

Y/N

1. **WorkZone (Text)** - For reporting purposes, this field combines the text of Road Defect 2, 3, 4, or 5 (prior to 2013), or Work Zone Type (2013 or later); otherwise these would have to be queried separately if parameter included years prior to and after 2013. **Added 2013**

**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.