# **Data Dictionary for Selected CRASH Table Columns**

## **Column Name: CRN**

**Description:** Crash Record Number  
 **Type:** NUMBER  
 **Length:** 10  
 **Codes/Constraints:** Unique identifier for each crash case

## **Column Name: COUNTY**

**Description:** County Code where crash occurred  
 **Type:** TEXT  
 **Length:** 2  
 **Codes/Constraints:** 01=ADAMS, 02=ALLEGHENY, 03=ARMSTRONG, 04=BEAVER, 05=BEDFORD, 06=BERKS, 07=BLAIR, 08=BRADFORD, 09=BUCKS, 10=BUTLER, 11=CAMBRIA, 12=CAMERON, 13=CARBON, 14=CENTRE, 15=CHESTER, 16=CLARION, 17=CLEARFIELD, 18=CLINTON, 19=COLUMBIA, 20=CRAWFORD, 21=CUMBERLAND, 22=DAUPHIN, 23=DELAWARE, 24=ELK, 25=ERIE, 26=FAYETTE, 27=FOREST, 28=FRANKLIN, 29=FULTON, 30=GREENE, 31=HUNTINGDON, 32=INDIANA, 33=JEFFERSON, 34=JUNIATA, 35=LACKAWANNA, 36=LANCASTER, 37=LAWRENCE, 38=LEBANON, 39=LEHIGH, 40=LUZERNE, 41=LYCOMING, 42=MCKEAN, 43=MERCER, 44=MIFFLIN, 45=MONROE, 46=MONTGOMERY, 47=MONTOUR, 48=NORTHAMPTON, 49=NORTHUMBERLAND, 50=PERRY, 51=PIKE, 52=POTTER, 53=SCHUYLKILL, 54=SNYDER, 55=SOMERSET, 56=SULLIVAN, 57=SUSQUEHANNA, 58=TIOGA, 59=UNION, 60=VENANGO, 61=WARREN, 62=WASHINGTON, 63=WAYNE, 64=WESTMORELAND, 65=WYOMING, 66=YORK, 67=PHILADELPHIA

## **Column Name: MUNICIPALITY**

**Description:** Municipality Code  
 **Type:** TEXT  
 **Length:** 5  
 **Codes/Constraints:** See separate municipality code list

## **Column Name: POLICE\_AGCY**

**Description:** Code of the Reporting Police Agency  
 **Type:** TEXT  
 **Length:** 5  
 **Codes/Constraints:** See separate police agency code list

## **Column Name: DISTRICT**

**Description:** PennDOT District Number (based on county)  
 **Type:** TEXT  
 **Length:** 2  
 **Codes/Constraints:**

* 01 = District 1 (Crawford, Erie, Forest, Mercer, Venango, Warren)
* 02 = District 2 (Cameron, Centre, Clearfield, Clinton, Elk, Juniata, McKean, Mifflin, Potter)
* 03 = District 3 (Bradford, Columbia, Lycoming, Montour, Northumberland, Snyder, Sullivan, Tioga, Union)
* 04 = District 4 (Lackawanna, Luzerne, Pike, Susquehanna, Wayne, Wyoming)
* 05 = District 5 (Berks, Carbon, Lehigh, Monroe, Northampton, Schuylkill)
* 06 = District 6 (Bucks, Chester, Delaware, Montgomery, Philadelphia)
* 08 = District 8 (Adams, Cumberland, Dauphin, Franklin, Lancaster, Lebanon, Perry, York)
* 09 = District 9 (Bedford, Blair, Cambria, Fulton, Huntingdon, Somerset)
* 10 = District 10 (Armstrong, Butler, Clarion, Indiana, Jefferson)
* 11 = District 11 (Allegheny, Beaver, Lawrence)
* 12 = District 12 (Fayette, Greene, Washington, Westmoreland)

## **Column Name: DEC\_LATITUDE**

**Description:** Decimal format of Latitude  
 **Type:** NUMBER  
 **Length:** Decimal (99.9999)  
 **Codes/Constraints:** Latitude expressed in decimal degrees

## **Column Name: DEC\_LONGITUDE**

**Description:** Decimal format of Longitude  
 **Type:** NUMBER  
 **Length:** Decimal (99.9999)  
 **Codes/Constraints:** Longitude expressed in decimal degrees (negative for West)

## **Column Name: LATITUDE**

**Description:** GPS Latitude in Degrees-Minutes-Seconds format  
 **Type:** TEXT  
 **Length:** 12  
 **Codes/Constraints:** DD MM:SS.ddd format

## **Column Name: LONGITUDE**

**Description:** GPS Longitude in Degrees-Minutes-Seconds format  
 **Type:** TEXT  
 **Length:** 12  
 **Codes/Constraints:** DD MM:SS.ddd format (negative degrees)

## **Column Name: LOCATION\_TYPE**

**Description:** Code that defines the crash location infrastructure feature  
 **Type:** TEXT  
 **Length:** 2  
 **Codes/Constraints:** 0=Not applicable, 1=Underpass, 2=Ramp, 3=Bridge, 4=Tunnel, 5=Toll Booth, 6=Crossover related, 7=Driveway or Parking Lot, 8=Ramp and bridge, 99=Unknown

## **Column Name: CRASH\_YEAR**

**Description:** Year when the crash occurred  
 **Type:** TEXT  
 **Length:** 4  
 **Codes/Constraints:** YYYY format

## **Column Name: CRASH\_MONTH**

**Description:** Month when the crash occurred  
 **Type:** TEXT  
 **Length:** 2  
 **Codes/Constraints:** 01 through 12

## **Column Name: COLLISION\_TYPE**

**Description:** Collision category that defines the crash  
 **Type:** TEXT  
 **Length:** 1  
 **Codes/Constraints:** 0=Non-collision, 1=Rear-end, 2=Head-on, 3=Backing, 4=Angle, 5=Sideswipe (same dir.), 6=Sideswipe (opposite dir.), 7=Hit Fixed Object, 8=Hit Non-Motorist, 98=Other, 99=Unknown

## **Column Name: TOT\_INJ\_COUNT**

**Description:** Count of total injuries sustained by persons in crash (excludes fatalities)  
 **Type:** NUMBER  
 **Length:** 2  
 **Codes/Constraints:** Does not include fatal injuries

## **Column Name: FATAL\_COUNT**

**Description:** Total amount of fatalities involved  
 **Type:** NUMBER  
 **Length:** 2  
 **Codes/Constraints:** None

## **Column Name: INTERSECT\_TYPE**

**Description:** Code that defines the Intersection Type  
 **Type:** TEXT  
 **Length:** 2  
 **Codes/Constraints:** 00=Mid-block, 01=Four-way intersection, 02="T" intersection, 03="Y" intersection, 05=Multi-leg intersection, 06=Ramp End, 07=Ramp Begin, 08=Crossover, 09=Railroad crossing, 10=Other, 11="L" Intersection, 12=Traffic Circle, 13=Roundabout, 99=Unknown

## **Column Name: MAX\_SEVERITY\_LEVEL**

**Description:** Injury severity level of the crash  
 **Type:** TEXT  
 **Length:** 1  
 **Codes/Constraints:** 0=Property Damage Only, 1=Fatal, 2=Suspected Serious Injury, 3=Suspected Minor Injury, 4=Possible Injury, 8=Injury-Unknown Severity, 9=Unknown if Injured

## **Column Name: PERSON\_COUNT**

**Description:** Total People involved  
 **Type:** NUMBER  
 **Length:** 2  
 **Codes/Constraints:** All persons involved (drivers, passengers, pedestrians, etc.)

## **Column Name: POSSIBLE\_INJ\_COUNT**

**Description:** Total number of People with injury severity of "Possible Injury"  
 **Type:** NUMBER  
 **Length:** 2  
 **Codes/Constraints:** Lowest severity level of documented injuries

## **Column Name: RELATION\_TO\_ROAD**

**Description:** Code for the crash's relativity to the road  
 **Type:** TEXT  
 **Length:** 2  
 **Codes/Constraints:** 1=On roadway, 2=Shoulder, 3=Median, 4=Roadside (off trafficway; on vehicle area), 5=Outside trafficway (in area not meant for vehicles), 6=In parking lane, 7=Gore (intersection of ramp and highway), 9=Unknown

## **Column Name: ROAD\_CONDITION**

**Description:** Roadway Surface Condition Code  
 **Type:** TEXT  
 **Length:** 1  
 **Codes/Constraints:** 01=Dry, 02=Ice/Frost, 03=Mud/Dirt/Gravel, 04=Oil, 05=Sand, 06=Slush, 07=Snow, 08=Water (Standing or Moving), 09=Wet, 98=Other, 99=Unknown

## **Column Name: TOTAL\_UNITS**

**Description:** Total count of all Vehicles and Pedestrians  
 **Type:** NUMBER  
 **Length:** 2  
 **Codes/Constraints:** Sum of motor vehicles + pedestrians involved