

Allegheny County Crash Data Dictionary

Data from PennDOT records

| Column Name | Description | Data Type | Codes |
|-----------------------|--|-----------|---|
| ACCESS_CTRL | Access Control Code | TEXT | No code provided |
| ADJ_RDWY_SEQ | Adjusted Roadway Sequence Number | NUMBER | |
| AGGRESSIVE_DRIVING | Aggressive Driving Indicator | NUMBER | 0 = No, 1 = Yes |
| ALCOHOL_RELATED | Alcohol Related Indicator | NUMBER | 0 = No, 1 = Yes |
| AUTOMOBILE_COUNT | Total Amount of Automobiles Involved | NUMBER | |
| BELTED_DEATH_COUNT | Total Deaths of belted occupants | NUMBER | |
| BELTED_MAJ_INJ_COUNT | Total Major Injuries of belted occupants | NUMBER | |
| BICYCLE | Bicycle Indicator | NUMBER | 0 = No, 1 = Yes |
| BICYCLE_COUNT | Total amount of Bicycles involved | NUMBER | |
| BICYCLE_DEATH_COUNT | Total amount of Bicyclist Fatalities | NUMBER | |
| BICYCLE_MAJ_INJ_COUNT | Total amount of Bicyclist Major Injuries | NUMBER | |
| BUS_COUNT | Total amount of Buses involved | NUMBER | |
| CELL_PHONE | Driver Using Cell Phone Indicator | NUMBER | 0 = No, 1 = Yes |
| | | | 0 – Non collision 1 – Rear-end 2 – Head-on 3 – Rear-to-rear (Backing) 4 – Angle 5 – Sideswipe (same dir.) 6 – Sideswipe (Opposite dir.) 7 – Hit fixed object 8 – Hit pedestrian 9 – Other or Unknown |
| COLLISION_TYPE | Collision category that defines the crash | TEXT | |
| COMM_VEH_COUNT | Total Commercial vehicles involved | NUMBER | |
| COMM_VEHICLE | Crash has at least 1 involved Commercial Vehicle | NUMBER | 0 = No, 1 = Yes |
| CONS_ZONE_SPD_LIM | Speed limit for the Construction Zone | TEXT | |
| COUNTY | County Code Number where crash occurred | TEXT | 02 – Allegheny County |

| | | | |
|-----------------------------|---|--------|--|
| CRASH_CRN | Crash Record Number | NUMBER | |
| CRASH_MONTH | Month when the crash occurred | TEXT | |
| CRASH_YEAR | Year when the crash occurred | TEXT | |
| CRN | Crash Record Number | NUMBER | |
| CROSS_MEDIAN | Cross Median Indicator | NUMBER | 0 = No, 1 = Yes |
| CURVE_DVR_ERROR | Curve in Road Driver Error Indicator | NUMBER | 0 = No, 1 = Yes |
| CURVED_ROAD | Curve in Road | NUMBER | 0 = No, 1 = Yes |
| | | | 1 - Sunday 2 - Monday 3 - Tuesday 4 - Wednesday 5 - Thursday 6 - Friday 7 - Saturday |
| DAY_OF_WEEK | Day of the Week code when crash occurred | TEXT | |
| DEC_LAT | Decimal Latitude for SR's | NUMBER | Degrees.Decimal Degrees |
| DEC_LONG | Decimal Longitude for SR's | NUMBER | Degrees.Decimal Degrees |
| DEER_RELATED | Deer Related Indicator | NUMBER | 0 = No, 1 = Yes |
| DISTRACTED | Distracted Driver Indicator | NUMBER | 0 = No, 1 = Yes |
| DISTRICT | District Number where crash occurred | TEXT | 11 – District 11 (Allegheny, Beaver, Lawrence Counties) |
| DRINKING_DRIVER | Drinking Driver Indicator | NUMBER | 0 = No, 1 = Yes |
| DRIVER_16YR | Driver is 16 Years of Age Indicator | NUMBER | 0 = No, 1 = Yes |
| DRIVER_17YR | Driver is 17 Years of Age Indicator | NUMBER | 0 = No, 1 = Yes |
| DRIVER_65_74YR | Driver is between 65 and 74 Indicator | NUMBER | 0 = No, 1 = Yes |
| DRIVER_75PLUS | Driver is 75 Years of Age Plus Indicator | NUMBER | 0 = No, 1 = Yes |
| DRIVER_COUNT_16YR | Total amount of 16 year old drivers | NUMBER | |
| DRIVER_COUNT_17YR | Total amount of 17 year old drivers | NUMBER | |
| DRIVER_COUNT_65_74YR | Total amount of 65 to 74 year old drivers | NUMBER | |
| DRIVER_COUNT_75PLUS | Total amount of drivers ages 75 and up | NUMBER | |
| FATAL | Fatality Indicator | NUMBER | 0 = No, 1 = Yes |
| FATAL_COUNT | Total amount of fatalities involved | NUMBER | |
| FATAL_OR_MAJ_INJ | Fatality or Major Injury Indicator | NUMBER | 0 = No, 1 = Yes |

| | | | |
|-----------------------------|--|--------|--|
| FATIGUE_ASLEEP | Fatigue or Asleep Indicator | NUMBER | 0 = No, 1 = Yes |
| FIRE_IN_VEHICLE | At least 1 Vehicle with Fire Damage | NUMBER | 0 = No, 1 = Yes |
| FLAG_CRN | Crash Record Number | NUMBER | |
| HAZARDOUS_TRUCK | At least one Heavy Truck carrying Hazardous Material | NUMBER | 0 = No, 1 = Yes |
| HEAVY_TRUCK_COUNT | Total amount of Heavy Trucks involved | NUMBER | |
| HIT_BARRIER | Hit Barrier Indicator | NUMBER | 0 = No, 1 = Yes |
| HIT_BRIDGE | Hit Bridge Indicator | NUMBER | 0 = No, 1 = Yes |
| HIT_DEER | Hit Deer Indicator | NUMBER | 0 = No, 1 = Yes |
| HIT_EMBANKMENT | Hit Embankment Indicator | NUMBER | 0 = No, 1 = Yes |
| HIT_FIXED_OBJECT | Hit Fixed Object Indicator | NUMBER | 0 = No, 1 = Yes |
| HIT_GDRAIL | Hit Guide Rail Indicator | NUMBER | 0 = No, 1 = Yes |
| HIT_GDRAIL_END | Hit Guide Rail End Indicator | NUMBER | 0 = No, 1 = Yes |
| HIT_POLE | Hit Pole Indicator | NUMBER | 0 = No, 1 = Yes |
| HIT_TREE_SHRUB | Hit Tree or Shrub Indicator | NUMBER | 0 = No, 1 = Yes |
| HO_OPPDIR_SDSWP | Head on or Side Swipe Indicator | NUMBER | 0 = No, 1 = Yes |
| HOUR_OF_DAY | The hour of Day when the crash occurred | TEXT | 00 to 23 |
| HVY_TRUCK_RELATED | Heavy Truck Related Indicator | NUMBER | 0 = No, 1 = Yes |
| ICY_ROAD | Icy Road Indicator | NUMBER | 0 = No, 1 = Yes |
| ILLEGAL_DRUG_RELATED | At Least 1 Driver or Pedestrian had reported or suspected Illegal Drug Use | NUMBER | |
| | | | 1 – Daylight 2 – Dark – no street lights 3 – Dark – street lights 4 – Dusk 5 – Dawn 6 – Dark – unknown roadway lighting 8 – Other 9 – Unknown (expired) |
| ILLUMINATION | Code that defines lighting at crash scene | TEXT | |
| ILLUMINATION_DARK | Illumination Indicates that the Crash Scene Lighting was Dark | NUMBER | 0 = No, 1 = Yes |
| IMPAIRED_DRIVER | At least One Driver was Impaired by Drugs or Alcohol | NUMBER | |
| INJURY | Injury Indicator | NUMBER | 0 = No, 1 = Yes |

| | | | |
|------------------------|--|--------|--|
| INJURY_COUNT | Total count of all injuries sustained | NUMBER | |
| INJURY_OR_FATAL | At least 1 Person Was Injured or Killed in the Crash | NUMBER | 0 = No, 1 = Yes |
| | | | 00 – Mid-block 01 – Four way intersection 02 – “T” intersection 03 – “Y” intersection 04 – Traffic circle or Round About 05 – Multi-leg intersection 06 – On ramp 07 – Off ramp 08 – Crossover 09 – Railroad crossing 10 – Other 99 – Unknown (expired) |
| INTERSECT_TYPE | Code that defines the Intersection Type | TEXT | |
| INTERSECTION | Intersection Indicator | NUMBER | 0 = No, 1 = Yes |
| INTERSTATE | Non-Turnpike Interstate Indicator | NUMBER | 0 = No, 1 = Yes |
| LANE_CLOSED | Was there a lane closure? (Y/N) | TEXT | 1=Y, 0 = N |
| LN_CLOSE_DIR | Direction of traffic in closed lane (s) | TEXT | S = South |
| LANE_COUNT | Travel Lane Count | TEXT | |
| LATITUDE | GPS Coordinates from Police if present | TEXT | Degrees:Min:Sec.Dec Sec |
| LIMIT_65MPH | 65MPH Speed Limit Indicator | NUMBER | 0 = No, 1 = Yes |
| LOCAL_ROAD | Local Road Indicator | NUMBER | 0 = No, 1 = Yes |
| LOCAL_ROAD_ONLY | Local Road Only Indicator | NUMBER | 0 = No, 1 = Yes |
| | | | 0 – Not applicable 1 – Underpass 2 – Ramp 3 – Bridge 4 – Tunnel 5 – Toll Booth 6 – Cross over related 7 – Driveway or Parking Lot 8 – Ramp and bridge 9 – Unknown |
| LOCATION_TYPE | Code that defines the crash location | TEXT | |

| | | | |
|-----------------------------|--|--------|---|
| LONGITUDE | GPS Coordinates from Police if present | TEXT | Degrees:Min:Sec.Dec Sec |
| MAJ_INJ_COUNT | Total amount of Major Injuries involved | NUMBER | |
| MAJOR_INJURY | At least 1 Person Sustained a Major Injury | NUMBER | 0 = No, 1 = Yes |
| | | | 0 - Not injured 1 - Killed 2 - Major injury 3 - Moderate injury 4 - Minor injury 8 - Injury/ Unknown Severity 9 - Unknown |
| MAX_SEVERITY_LEVEL | Injury severity level of the crash | TEXT | |
| MC_DRINKING_DRIVER | At least 1 Motorcycle driver has reported or suspected Alcohol Use | NUMBER | 0 = No, 1 = Yes |
| MCYCLE_DEATH_COUNT | Total amount of Motorcyclist fatalities | NUMBER | |
| MCYCLE_MAJ_INJ_COUNT | Total amount of Motorcyclist Major Injuries | NUMBER | |
| MIN_INJ_COUNT | Total amount of Minimal Injuries | NUMBER | |
| MINOR_INJURY | At least 1 Person Sustained a Minor Injury | NUMBER | 0 = No, 1 = Yes |
| MOD_INJ_COUNT | Total amount of Moderate Injuries | NUMBER | |
| MODERATE_INJURY | At least 1 Person Sustained a Moderate Injury | NUMBER | 0 = No, 1 = Yes |
| MOTORCYCLE | Motorcycle Indicator | NUMBER | 0 = No, 1 = Yes |
| MOTORCYCLE_COUNT | Total amount of Motorcycles Involved | NUMBER | |
| MUNICIPALITY | County Municipality Code | TEXT | See additional resource |
| NHTSA_AGG_DRIVING | The Crash meets the NHTSA definition of Aggressive Driving | NUMBER | 0 = No, 1 = Yes |
| NO_CLEARANCE | No Clearance Indicator | NUMBER | 0 = No, 1 = Yes |
| NON_INTERSECTION | Non Intersection Indicator | NUMBER | 0 = No, 1 = Yes |
| NTFY_HIWY_MAINT | PENNDOT highway maintenance notified? | TEXT | 0 = No, 1 = Yes |
| OFFSET | Offset Number | TEXT | |
| OVERTURNED | Overtured Vehicle Indicator | NUMBER | 0 = No, 1 = Yes |
| PED_COUNT | Total amount of Pedestrians involved | NUMBER | |
| PED_DEATH_COUNT | Total amount of Pedestrian fatalities | NUMBER | |
| PED_MAJ_INJ_COUNT | Total amount of Pedestrian Major Injuries | NUMBER | |
| PEDESTRIAN | Pedestrian Indicator | NUMBER | 0 = No, 1 = Yes |

| | | | |
|-----------------------------|---|--------|--|
| PERSON_COUNT | Total amount of people involved | NUMBER | |
| PHANTOM_VEHICLE | Phantom Vehicle Indicator | NUMBER | 0 = No, 1 = Yes |
| POLICE_AGCY | Code of the reporting Police Agency | TEXT | See additional resource |
| PROPERTY_DAMAGE_ONLY | Property Damage Only Indicator | NUMBER | 0 = No, 1 = Yes |
| PSP_REPORTED | Crash Investigated by the Pennsylvania State Police | NUMBER | 0 = No, 1 = Yes |
| RDWY_ORIENT | Roadway Orientation Code | TEXT | N- North |
| RDWY_SEQ_NUM | Crash Roadway Sequence Number | NUMBER | |
| RDWY_SURF_TYPE_CD | Code for the Roadway surface type | TEXT | 1 - Concrete 2 - Blacktop 3 - Brick or Block 4 - Slag, Gravel, or Stone 5 - Dirt 8 - Other 9 - Unknown |
| REAR_END | Rear End Collision Indicator | NUMBER | 0 = No, 1 = Yes |
| | | | 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 |
| RELATION_TO_ROAD | Code for the crash’s relativity to the road | TEXT | |
| | | | 0 – Dry 1 – Wet 2 – Sand/ mud/ dirt/ oil/ or gravel 3 – Snow covered 4 – Slush 5 – Ice |
| ROAD_CONDITION | Roadway Surface Condition Code | TEXT | |

| | | | |
|--------------------------|---|--------|---|
| | | | 6 – Ice Patches 7 – Water – standing or moving 8 – Other 9 – Unknown (expired) |
| ROAD_OWNER | Road OWNER | TEXT | 1 - Interstate - non turnpike 2 - State highway 3 - County road 4 - Local road or street 5 - East-West portion of turnpike 6 - Turnpike spur (extension) 7 - Private Road 9 - Other or Unknown |
| ROADWAY_COUNTY | County Code Number where crash occurred | TEXT | 02 – Allegheny County |
| ROADWAY_CRN | Crash Record Number | NUMBER | |
| ROUTE | Route Number | TEXT | |
| RUNNING_RED_LT | Driver Running Red Light Indicator | NUMBER | 0 = No, 1 = Yes |
| RUNNING_STOP_SIGN | Driver Running Stop Sign Indicator | NUMBER | 0 = No, 1 = Yes |
| SCH_BUS_IND | Did the crash involve a School Bus? (Y/N) | TEXT | Y = Yes N = No |
| SCH_ZONE_IND | Did the crash occur in a School Zone? (Y/N) | TEXT | Y = Yes N = No |
| SCHOOL_BUS | School Bus Indicator | NUMBER | 0 = No, 1 = Yes |
| SCHOOL_ZONE | School Zone Indicator | NUMBER | 0 = No, 1 = Yes |
| SEGMENT | Segment Number | TEXT | |
| SHLDR_RELATED | Shoulder Related Indicator | NUMBER | 0 = No, 1 = Yes |
| SIGNALIZED_INT | Signalized Intersection Indicator | NUMBER | 0 = No, 1 = Yes |
| SMALL_TRUCK_COUNT | Total amount of Small Trucks involved | NUMBER | |
| SNOW_SLUSH_ROAD | Snow Slush Road Indicator | NUMBER | 0 = No, 1 = Yes |
| SPEC_JURIS_CD | Special Jurisdiction Code | NUMBER | 0 – No Special Jurisdiction 1 – National Park 2 – Military 3 – Indian Reservation 4 – College/University Campus 5 – Other Federal Sites 8 - Other |

| | | | |
|----------------------------|--|--------|---|
| | | | 9 – Unknown |
| SPEED_LIMIT | Speed Limit | TEXT | |
| SPEEDING | Speeding Indicator | NUMBER | 0 = No, 1 = Yes |
| SPEEDING_RELATED | Speeding Related Indicator | NUMBER | 0 = No, 1 = Yes |
| STATE_ROAD | State Road Indicator | NUMBER | 0 = No, 1 = Yes |
| STOP_CONTROLLED_INT | Stop Controlled Intersection Indicator | NUMBER | 0 = No, 1 = Yes |
| STREET_NAME | Name of the Roadway | TEXT | |
| SUDDEN_DEER | Sudden Deer Indicator | NUMBER | 0 = No, 1 = Yes |
| SUV_COUNT | Total count of sport utility vehicles involved | NUMBER | |
| SV_RUN_OFF_RD | Single Vehicle Run Off Road Indicator | NUMBER | 0 = No, 1 = Yes |
| TAILGATING | Tailgating Indicator | NUMBER | 0 = No, 1 = Yes |
| TCD_FUNC_CD | Code for Traffic Control Device state | NUMBER | 0 – No Controls 1 – Device not Functioning 2 – Device Functioning improperly 3 – Device Functioning properly 4 – Emergency Preemptive Signal 9 – Unknown |
| | | | 0 – Not applicable 1 – Flashing traffic signal 2 – Traffic signal 3 – Stop sign 4 – Yield sign 5 – Active RR crossing controls 6 – Passive RR crossing controls 7 – Police officer or flagman 8 – Other Type TCD 9 – Unknown |
| TCD_TYPE | Code that defines the Traffic Control Device | TEXT | |
| TFC_DETOUR_IND | Was the Traffic Detoured? (Y/N) | TEXT | 0 = No, 1 = Yes |
| TIME_OF_DAY | The time of day when the crash occurred | TEXT | |
| TRAIN | Train Indicator | NUMBER | 0 = No, 1 = Yes |
| TRAIN_TROLLEY | Train or Trolley Indicator | NUMBER | 0 = No, 1 = Yes |
| TROLLEY | Trolley Indicator | NUMBER | 0 = No, 1 = Yes |

| | | | |
|---------------------------|---|--------|---|
| TURNPIKE | Turnpike Indicator | NUMBER | 0 = No, 1 = Yes |
| UNB_DEATH_COUNT | No. of people killed not wearing a seatbelt | NUMBER | |
| UNB_MAJ_INJ_COUNT | Total # of unbelted sustaining Major Injuries | NUMBER | |
| UNBELTED | Anyone in crash unbelted indicator | NUMBER | 0 = No, 1 = Yes |
| UNBELTED_OCC_COUNT | Total count of all unbelted occupants | NUMBER | |
| UNDERAGE_DRNK_DRV | Under Age drinking driver Indicator | NUMBER | 0 = No, 1 = Yes |
| UNK_INJ_DEG_COUNT | No. of injuries with unknown severity | NUMBER | |
| UNK_INJ_PER_COUNT | No. of people that are unknown if injured | NUMBER | |
| UNLICENSED | Unlicensed Driver Indicator | NUMBER | 0 = No, 1 = Yes |
| UNSIGNALIZED_INT | Unsignalized Intersection Indicator | NUMBER | 0 = No, 1 = Yes |
| | | | 1 – RURAL 2 – SMALL URBAN AREA (pop. To 49,999) 3 – URBANIZED AREA (pop. 50,000 to 199,999) 4 – URBANIZED AREA (pop. 200,000 or more) |
| URBAN_RURAL | Code to classify crash as Urban or Rural | TEXT | |
| VAN_COUNT | Total amount of vans involved | NUMBER | |
| VEHICLE_COUNT | Total amount of all vehicles involved | NUMBER | |
| VEHICLE_FAILURE | Vehicle Failure Indicator | NUMBER | 0 = No, 1 = Yes |
| VEHICLE_TOWED | Vehicle Towed Indicator | NUMBER | 0 = No, 1 = Yes |
| | | | 1 – No adverse conditions 2 – Rain 3 – Sleet (hail) 4 – Snow 5 – Fog 6 – Rain and fog 7 – Sleet and fog 8 – Other 9 – Unknown |
| WEATHER | Code for the weather type at time of crash | TEXT | |
| WET_ROAD | Wet Road Indicator | NUMBER | 0 = No, 1 = Yes |
| WORK_ZONE | Work Zone Indicator | NUMBER | 0 = No, 1 = Yes |
| WK_ZONE_IND | Did the crash occur in a work zone (Y/N) | TEXT | 0 = No, 1 = Yes |

| | | | |
|-------------------------|---|----------------|--|
| WORK_ZONE_LOC | The Work Zone Location Code | TEXT | 1 – Before the 1st work zone warning sign 2 – Advance warning area 3 – Transition area 4 – Activity area 5 – Termination area 8 – Other |
| WORK_ZONE_TYPE | Code to define the type of Work Zone | WORK_ZONE_TYPE | 1 – Construction 2 – Maintenance 3 – Utility company |
| WORKERS_PRES | Were construction personnel present? (Y/N) | TEXT | 0 = No, 1 = Yes |
| WZ_CLOSE_DETOUR | Was traffic rerouted due to work zone?(Y/N) | TEXT | 0 = No, 1 = Yes |
| WZ_FLAGGER | Did Work zone have a flagman? (Y/N) | TEXT | 0 = No, 1 = Yes |
| WZ_LAW_OFFCR_IND | Did Work zone have a patrolman? (Y/N) | TEXT | 0 = No, 1 = Yes |
| WZ_LN_CLOSURE | Did Work zone have a lane closure? (Y/N) | TEXT | 0 = No, 1 = Yes |
| WZ_MOVING | Was there moving work in the zone? (Y/N) | TEXT | 0 = No, 1 = Yes |
| WZ_OTHER | Was this a special type of work zone? (Y/N) | TEXT | 0 = No, 1 = Yes |
| WZ_SHLDER_MDN | Was a median/shoulder in the zone? (Y/N) | TEXT | 0 = No, 1 = Yes |