

Understanding New York Motor Vehicle Collision Crash

No of Columns: 29

No of Observations: 2075427

CRASH DATE:

Description: Occurrence date of collision

Type: DATE

Min date: 2012-07-01

Max date: 2024-03-22

DISTINCT: 4283

Missing: No

CRASH TIME:

Description: Occurrence time of collision

TYPE: DATE

Min: hours:minutes

Max: hours:minutes

Missing: No

BOROUGH:

Description: Borough where collision occurred

TYPE: STRING

DISTINCT: 5 (Brooklyn, Queens, Manhattan, Bronx, StatenIsland)

Missing: Yes (645746) ~ 31%

ZIP CODE

Description: Postal code of incident occurrence

TYPE: INTEGER

Min: 10000

Max: 11697

DISTINCT: 229

Missing: Yes (355546)

Min and Max ZIP CODE lay within the New York

LATITUDE

Description: Latitude coordinate

TYPE: DOUBLE

Min: 0 (Some entries have lat, long as 0,0 (3170))

Actual Min: 30.78418

Max: 43.344444

DISTINCT: 126594

Missing: Yes (233626) ~ 11%

LONGITUDE

Description: Longitude coordinate

TYPE: DOUBLE

Min: -201.35999 (1), -201.23706 (105)

Actual Min: -89.13527

Max: 0 (Some entries have lat, long as 0,0 (3170))

Actual Max: -32.768513

DISTINCT: 78355

Missing: Yes (233626) ~ 11%

-201.23706 (98) – Longitude has ON STREET NAME: QUEENSBORO BRIDGE UPPER ROADWAY and Latitude as 40.75837

We can either replace it with Longitude as (-73.955) or we can eliminate the 106 entries.

LOCATION

Description: Latitude , Longitude pair

TYPE: STRING

Column is not required as it is combination of Latitude and Longitude.

ON STREET NAME

Description: Street on which Collision occurred

TYPE: STRING

DISTINCT: 18410

Missing: Yes (440569) ~ 21%

CROSS STREET NAME

Description: Nearest Cross Street to the Location

TYPE: STRING

DISTINCT: 20236

Missing: Yes (784436) ~ 38%

OFF STREET NAME

Description: Street address if known.

TYPE: STRING

DISTINCT: 225845

Missing: Yes (1727231) ~ 83%

NUMBER OF PERSONS INJURED

Description: Number of persons injured

TYPE: INTEGER

Min: 0

Max: 43

DISTINCT: 32

Missing: Yes (18)

NUMBER OF PERSONS KILLED

Description: Number of persons killed

TYPE: INTEGER

Min: 0

Max: 8

DISTINCT: 7

Missing: Yes (31)

NUMBER OF PEDISTRIANS INJURED

Description: Number of pedestrians injured

TYPE: INTEGER

Min: 0

Max: 27

DISTINCT: 14

Missing: No

NUMBER OF PEDISTRIANS KILLED

Description: Number of pedestrians killed

TYPE: INTEGER

Min: 0

Max: 6

DISTINCT: 4

Missing: No

NUMBER OF CYCLIST INJURED

Description: Number of cyclist injured

TYPE: INTEGER

Min: 0

Max: 4

DISTINCT: 5

Missing: No

NUMBER OF CYCLIST KILLED

Description: Number of cyclist killed

TYPE: INTEGER

Min: 0

Max: 2

DISTINCT: 3

Missing: No

NUMBER OF MOTORIST INJURED

Description: Number of motorist injured

TYPE: INTEGER

Min: 0

Max: 43

DISTINCT: 31

Missing: No

NUMBER OF MOTORIST KILLED

Description: Number of motorist killed

TYPE: INTEGER

Min: 0

Max: 5

DISTINCT: 6

Missing: No

CONTRIBUTING FACTOR VEHICLE 1

Description: Factors contributing to the collision for designated vehicle

TYPE: STRING

DISTINCT: 61

Missing: Yes (6802) ~ 0.3%

CONTRIBUTING FACTOR VEHICLE 2

Description: Factors contributing to the collision for designated vehicle

TYPE: STRING

DISTINCT: 61

Missing: Yes (321736) ~ 16%

CONTRIBUTING FACTOR VEHICLE 3

Description: Factors contributing to the collision for designated vehicle

TYPE: STRING

DISTINCT: 51

Missing: Yes (1927163) ~ 93%

CONTRIBUTING FACTOR VEHICLE 4

Description: Factors contributing to the collision for designated vehicle

TYPE: STRING

DISTINCT: 41

Missing: Yes (2041953) ~ 98%

CONTRIBUTING FACTOR VEHICLE 5

Description: Factors contributing to the collision for designated vehicle

TYPE: STRING

DISTINCT: 30

Missing: Yes (2066358) ~ 99%

COLLISION_ID

Description: Unique record generated by system. PK for crash table.

TYPE: INTEGER

Min: 22

Max: 4712252

Missing: No

VEHICLE TYPE CODE 1

Description: Type of vehicle based on the selected vehicle category (ATV, bicycle, car/suv, scooter, truck/bus, motorcycle, other)

TYPE: STRING

DISTINCT: 1631

Missing: Yes (13691) ~ 0.7%

VEHICLE TYPE CODE 2

Description: Type of vehicle based on the selected vehicle category (ATV, bicycle, car/suv, scooter, truck/bus, motorcycle, other)

TYPE: STRING

DISTINCT: 1819

Missing: Yes (396691) ~ 19%

VEHICLE TYPE CODE 3

Description: Type of vehicle based on the selected vehicle category (ATV, bicycle, car/suv, scooter, truck/bus, motorcycle, other)

TYPE: STRING

DISTINCT: 260

Missing: Yes (1932530) ~ 93%

VEHICLE TYPE CODE 4

Description: Type of vehicle based on the selected vehicle category (ATV, bicycle, car/suv, scooter, truck/bus, motorcycle, other)

TYPE: STRING

DISTINCT: 101

Missing: Yes (2043115) ~ 98%

VEHICLE TYPE CODE 5

Description: Type of vehicle based on the selected vehicle category (ATV, bicycle, car/suv, scooter, truck/bus, motorcycle, other)

TYPE: STRING

DISTINCT: 70

Missing: Yes (2066635) ~ 99%

Understanding Chicago Motor Vehicle Collision Crash

Y-Data Profiling

No of Columns: 48

No of Observations: 817723

CRASH_RECORD_ID

Description: This number can be used to link to the same crash in the Vehicles and People datasets. This number also serves as a unique ID in this dataset.

Type: STRING

DISTINCT: 817723

Missing: No

Natural Key

Max Length: 128

CRASH_DATE_EST_I

Description: Crash date estimated by desk officer or reporting party (only used in cases where crash is reported at police station days after the crash)

Type: Boolean

DISTINCT: 2

Missing: 756594

CRASH_DATE

Description: Date and time of crash as entered by the reporting officer

Type: Date

Min: 2013-03-03 16:48:00

Max: 2024-03-26 01:40:00

DISTINCT: 536888

Missing: No

POSTED_SPEED_LIMIT

Description: Posted speed limit, as determined by reporting officer

TYPE: Real Number

Distinct: 46

Min: 0

Max: 99

Missing: No

TRAFFIC_CONTROL_DEVICE

Description: Traffic control device present at crash location, as determined by reporting officer

TYPE: STRING

DISTINCT: 19

Missing: No

Max length: 24

DEVICE_CONDITION

Description: Condition of traffic control device, as determined by reporting officer

TYPE: STRING

DISTINCT: 8

Missing: 0

Max length: 24

WEATHER_CONDITION

Description: Weather condition at time or place, as determined by reporting officer

TYPE: STRING

DISTINCT: 12

Missing: 0

Max length: 24

LIGHTNING_CONDITION

Description: Light condition at time or place, as determined by reporting officer

TYPE: STRING

DISTINCT: 6

Missing: 0

Max length: 22

FIRST_CRASH_TYPE

Description: l'Qpc or riíst' collisio→i i→i cíask

TYPE: STRING

DISTINCT: 18

Missing: 0

Max length: 28

TRAFFICWAY_TYPE

Description: l'íarricwaQ t'Qpc, as dčt'cími→cd bQ ícpoít'i→g orriccí

TYPE: STRING

DISTINCT: 20

Missing: 0

Max length: 31

LANE_CNT

Description: l'ot'al →i"mbcí or t'kío"gk la→ics i→i cit'kací díccct'io→i, cxcl"di→ig t'í→i bQ
as dčt'cími→cd bQ ícpoít'i→g orriccí (0 = i→i't'císccct'io→i)

TYPE: Real Number

DISTINCT: 41

Missing: 618714

Min: 0

Max: 1191625

Skewed

ALIGNMENT

Description: Stícct' alig→imc→it' at' cíask locat'io→i, as dčt'cími→cd bQ ícpoít'i→g orriccí

TYPE: STRING

DISTINCT: 6

Missing: 0

Max length: 21

ROADWAY_SURFACE_COND

Description: Road s"íracc co→idit'io→i, as dčt'cími→cd bQ ícpoít'i→g orriccí

TYPE: STRING

DISTINCT: 7

Missing: 0

Max length: 15

ROADWAY_DEFECT

Description: Road defects, as determined by inspection or

TYPE: STRING

DISTINCT: 7

Missing: 24314

Max length: 17

REPORT_TYPE

Description: Administrative report type (at scene, at desk, amended)

TYPE: STRING

DISTINCT: 3 (Not on Scene (Desk Report), On Scene, Amended)

Missing: 0

Max length: 26

CRASH_TYPE

Description: A general scene classification of the crash. Can be either Injury or Property Damage Only / No Injury / Fatal

TYPE: STRING

DISTINCT: 2 (NO INJURY / DRIVE AWAY, INJURY AND / OR TOW DUE TO CRASH)

Missing: 0

Max length: 32

INTERSECTION_RELATED_I

Description: A field indicating whether the police report was filed at an intersection or not.

TYPE: Boolean

DISTINCT: 2 (Y/N)

Missing: 630174 ~ 77.1%

NOT_RIGHT_OF_WAY_I

Description: Whether the crash begun or first contact was made outside of the public right-of-way.

TYPE: Boolean

DISTINCT: 2

Missing: 780015 ~ 95.4%

HIT_AND_RUN_I

Description: Crash did/did not involve a driver who caused the crash and fled the scene without exchanging information and/or rendering aid

TYPE: Boolean

DISTINCT: 2

Missing: 561774 ~ 68.7%

DAMAGE

Description: A field observation of estimated damage.

TYPE: String

DISTINCT: 3 (OVER \$1,500, \$501 - \$1,500, \$500 OR LESS)

Missing: No

Max length: 13

DATE_POLICE_NOTIFIED

Description: Calendar date on which police were notified of the crash

TYPE: Date

DISTINCT: 620545

Missing: No

Min: 2013-06-01 20:31:00

Max: 2024-03-26 01:42:00

PRIM_CONTRIBUTORY_CAUSED

Description: The factor which was most significant in causing the crash, as determined by officer judgment

TYPE: String

DISTINCT: 40

Missing: No

Max Length: 80

SEC_CONTRIBUTORY_CAUSE

Description: The factor which was second most significant in causing the crash, as determined by officer judgment

TYPE: String

DISTINCT: 40

Missing: No

Max Length: 80

STREET_NO

Description: Street address number of crash location, as determined by reporting officer

TYPE: Real Number

DISTINCT: 11728

Missing: No

Min: 0

Max: 451100

STREET_DIRECTION

Description: Street address direction (N,E,S,W) of crash location, as determined by reporting officer

TYPE: String

DISTINCT: 4 (N,E,W,S)

Missing: 4

Max Length: 31

STREET_NAME

Description: Street address name of crash location, as determined by reporting officer

TYPE: String

DISTINCT: 1641

Missing: 1

Max Length: 31

BEAT_OF_OCCURRENCE

Description: Chicago Police Department Beat ID. Boundaries available at <https://data.cityofchicago.org/d/aerh-rz74>

TYPE: Real Number

DISTINCT: 276

Missing: 5

Max: 6100

Min: 111

PHOTOS_TAKEN_I

Description: Whether the Chicago Police Department took photos at the location of the crash

TYPE: BOOLEAN

DISTINCT: 2 (True, False)

Missing: Yes (806948 ~ 98.7%)

STATEMENTS_TAKEN_I

Description: Whether statements were taken from unit(s) involved in crash

TYPE: BOOLEAN

DISTINCT: 2 (True, False)

Missing: Yes (799465 ~ 97.8%)

DOORING_I

Description: Whether crash involved a motor vehicle occupant opening a door into the travel path of a bicyclist, causing a crash

TYPE: BOOLEAN

DISTINCT: 2 (True, False)

Missing: Yes (815211 ~ 99.7%)

WORK_ZONE_I

Description: Whether the crash occurred in an active work zone

TYPE: BOOLEAN

DISTINCT: 2 (True, False)

Missing: Yes (813053 ~ 99.4%)

WORK_ZONE_TYPE

Description: The type of work zone, if any

TYPE: STRING

Max length: 12

DISTINCT: 4 (
 CONSTRUCTION
 UNKNOWN
 MAINTENANCE
 UTILITY
)

Missing: Yes (814105 ~ 99.6%)

WORKERS_PRESENT_I

Description: Whether construction workers were present in an active work zone at crash location

TYPE: BOOLEAN

DISTINCT: 2 (True, False)

Missing: Yes (816529 ~ 99.9%)

NUM_UNITS

Description: Number of units involved in the crash. A unit can be a motor vehicle, a pedestrian, a bicyclist, or another non-passenger roadway user. Each unit represents a mode of traffic with an independent trajectory

TYPE: INT

Min: 1

Max: 18

DISTINCT: 17

Missing: No

MOST_SEVERE_INJURY

Description: Most severe injury sustained by any person involved in the crash

TYPE: STRING

Max length: 24

DISTINCT: 5 (

NO INDICATION OF INJURY
NONINCAPACITATING INJURY
REPORTED, NOT EVIDENT
INCAPACITATING INJURY
FATAL

Missing: Yes (1792) ~ 0.2%

INJURIES_TOTAL

Description: Total persons sustaining fatal, incapacitating, non-incapacitating, and possible injuries as determined by the reporting officer

TYPE: INT

Min: 0

Max: 21

DISTINCT: 20

Missing: Yes (1780) ~ 0.2%

INJURIES_FATAL

Description: Total persons sustaining fatal injuries in the crash

TYPE: FLOAT

Min: 0.0

Max: 4.0

DISTINCT: 5

Missing: Yes (1780) ~ 0.2%

INJURIES_INCAPACITATING

Description: Total persons sustaining incapacitating/serious injuries in the crash as determined by the reporting officer. Any injury other than fatal injury, which prevents the injured person from walking, driving, or normally continuing the activities they were capable of performing before the injury occurred. Includes severe lacerations, broken limbs, skull or chest injuries, and abdominal injuries.

TYPE: INT

Min: 0

Max: 10

DISTINCT: 10

Missing: Yes (1780) ~ 0.2%

INJURIES_NON_INCAPACITATING

Description: Total persons sustaining non-incapacitating injuries in the crash as determined by the reporting officer. 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.

TYPE: INT

Min: 0

Max: 21

DISTINCT: 19

Missing: Yes (1780) ~ 0.2%

INJURIES_REPORTED_NOT_EVIDENT

Description: Total persons sustaining possible injuries in the crash as determined by the reporting officer. Includes momentary unconsciousness, claims of injuries not evident, limping, complaint of pain, nausea, and hysteria.

TYPE: INT

Min: 0

Max: 15

DISTINCT: 13

Missing: Yes (1780) ~ 0.2%

INJURIES_NO_INDICATION

Description: Total persons sustaining no injuries in the crash as determined by the reporting officer

TYPE: INT

Min: 0

Max: 61

DISTINCT: 48

Missing: Yes (1780) ~ 0.2%

INJURIES_UNKNOWN:

Description: Total persons for whom injuries sustained, if any, are unknown

TYPE: FLOAT

Min: 0.0

Max: 0.0

DISTINCT: 1

Missing: Yes (1780) ~ 0.2%

CRASH_HOUR

Description: The hour of the day component of CRASH_DATE

TYPE: INT

Min: 0

Max: 23

DISTINCT: 24

Missing: No

CRASH_DAY_OF_WEEK

Description: The day of the week component of CRASH_DATE. Sunday=1

TYPE: INT

Min: 1

Max: 7

DISTINCT: 12

Missing: No

CRASH_MONTH

Description: The month component of CRASH_DATE

TYPE: INT

Min: 1

Max: 12
DISTINCT: 12
Missing: No

LATITUDE

TYPE: DOUBLE

Min: 0 (Some entries have lat, long as 0,0 (49))

Actual Min: 41.64467013

Max: 42.0226457

DISTINCT: 300091

Missing: Yes (5615) ~ 0.7%

LONGITUDE

TYPE: DOUBLE

Min: -87.93619295

Max: 0 (Some entries have lat, long as 0,0 (49))

Actual Max: - -87.52458739

DISTINCT: 300054

Missing: Yes (5615) ~ 0.7%

LOCATION

TYPE: STRING

Column is not required as it is combination of Latitude and Longitude.

Understanding Austin Crash Report Data - Crash Level Records

Y-Data Profiling

No. of Columns: 54

No. of Observations: 147750

Column Name: crash_id

Column Description: TxDOT C.R.I.S. system-generated unique identifying number for a crash

Type: Integer

Distinct values: 147750 (100%)

Missing: None

Natural Key

Column Name: crash_fatal_fl

Column Description: Fatal Crash Identifier - Indicates that the crash involved one or more fatalities

Type: Boolean

Missing: None

"Y" values: 866 (0.6%)

"N" values: 146884 (99.4%)

Column Name: crash_date

Column Description: Date of crash

Type: Date

Missing: None

Distinct values: 144667 (97.9%)

Minimum date of crash: 2014-03-26 06:41:00

Maximum date of crash: 2024-03-11 22:05:00

Column Name: crash_time

Column Description: Crash Time - Time crash occurred

Type: Date

Missing: None

Column Name: case_id

Column Description: Case ID

Type: String (It has an alpha numeric value)

Distinct values: 145678 (99.9%)

Missing: 1858 (1.3%)

Additional comments: This field can be ignored for analysis purpose as we

Column Name: rpt_latitude

Column Description: Reported Latitude

Type: Double

Distinct values: 7976 (77.5%)

Missing: 137456 (93%)

Median: 30.29528 (At this latitude a maximum number of crashes are reported)

Additional comments: There are outliers present in this field

Column Name: rpt_longitude

Column Description: Reported Longitude

Type: Double

Distinct values: 7264 (70.6%)

Missing: 137456 (93%)

Median: -97.73109 (At this longitude a maximum number of crashes are reported)

Additional comments: There are outliers present in this field

Column Name: rpt_block_num

Column Description: Reported Block Number (road on which crash occurred)

Type: String (It has an alpha numeric value)

Missing: 19611 (13.3%)

Additional comments: This field can be ignored for analysis purpose as the data is not consistent

Column Name: rpt_street_pfx

Column Description: Reported Street Prefix (road on which crash occurred)

Type: String

Distinct Values: 8

Values: N (North), E (East), S (South), W (West), SW (South-West), NE (North-East), SE (South-East), NW (North-West), NaN

Missing: 67805 (45.9%)

Additional comments: Maximum number of crashes occurred at N (North) side with count of 26382 (33%)

Column Name: rpt_street_name

Column Description: Reported Street Name (road on which crash occurred)

Type: String

Distinct Values: 9794 (6.6%)

Missing: 3 (<0.1%)

Column Name: rpt_street_sfx

Column Description: Reported Street Suffix (road on which crash occurred)

Type: String

Distinct Values: 18

Missing: 50340 (34.1%)

Column Name: crash_speed_limit

Column Description: Speed Limit

Speed Limit range: 0 to 85

Additional comments: There are outliers present in this field

Column Name: road_constr_zone_fl

Column Description: Construction Zone - Indicates whether the crash occurred in or was related to a construction, maintenance, or utility work zone, regardless of whether or not workers were actually present at the time of the crash

Type: Boolean

"Y" values: 7847 (5.3%)

"N" values: 139901 (94.7%)

Column Name: latitude

Column Description: Derived Latitude map coordinate of the crash

Type: Double

Distinct values: 96355 (66.2%)

Missing: 2243 (1.5%)

Median: 30.284661 (Maximum number of crashes are occurred at this latitude)

Column Name: longitude

Column Description: Derived Longitude map coordinate of the crash

Type: Double

Distinct values: 96230 (66.1%)

Missing: 2243 (1.5%)

Median: -97.736145 (Maximum number of crashes are occurred at this longitude)

Column Name: street_name

Column Description: Derived Street Name - Name of the road crash occurred on, as determined by the Locator application.

Type: String

Distinct Values: 4630 (3.1%)

Missing: 2

Column Name: street_nbr

Column Description: Derived Street Number - Block number of primary street where crash occurred as determined by the Locator application

Type: Integer

Missing: 19611 (13.3%)

Column Name: street_name_2

Column Description: Derived Street Name 2 - The road name for the secondary road related to the crash location (If applicable)

Type: String

Distinct Values: 3396 (5.1%)

Missing: 81474 (55.1%)

Column Name: street_nbr_2

Column Description: Derived Street Number 2 - Block number of secondary street related to the crash location as determined by the Locator application (If applicable)

Type: Integer

Missing: 147750 (100%)

Additional comments: This field doesn't contain any values, so it can be ignored.

Column Name: crash_sev_id

Column Description: Crash Severity - Most severe injury suffered by any one person involved in the crash

Type: Integer

Distinct values: 8

0=UNKNOWN, 1=INCAPACITATING INJURY, 2=NON-INCAPACITATING INJURY, 3=POSSIBLE INJURY, 4=KILLED, 5=NOT INJURED

Median: 5=NOT INJURED

Additional comments: There are outliers present in this field

Column Name: sus_serious_injry_cnt

Column Description: Total Suspected Serious Injury Count

Type: Integer

Minimum: 0

Maximum: 10

Missing: None

Column Name: nonincap_injry_cnt

Column Description: Total Non-incapacitating Injury Count

Type: Integer

Minimum: 0

Maximum: 14

Missing: 1

Column Name: poss_injry_cnt

Column Description: Total Possible Injury Count

Type: Integer

Minimum: 0

Maximum: 20

Missing: 1

Column Name: non_injry_cnt
Column Description: Total Not Injured Count
Type: Integer
Minimum: 0
Maximum: 56
Missing: 1

Column Name: unkn_injry_cnt
Column Description: Total Unknown Injury Count
Type: Integer
Minimum: 0
Maximum: 41
Missing: 2

Column Name: tot_injry_cnt
Column Description: Total Injury Count
Type: Integer
Minimum: 0
Maximum: 21
Missing: 2

Column Name: death_cnt
Column Description: Total Death Count
Type: String
Distinct values: 5
Missing: None
Additional comments: Maximum number of deaths count is 4. Data type should be changed.

Column Name: contrib_facr_p1_id
Column Description: The first factor for a given vehicle which the officer felt possibly contributed to the crash
Type: Integer
Distinct values: 70
Missing: 119143 (80.6%)
Median: 20

Column Name: contrib_facr_p2_id
Column Description: The second factor for a given vehicle which the officer felt possibly contributed to the crash
Type: Integer
Distinct values: 65
Missing: 143235 (96.9%)
Median: 22

Column Name: units_involved
Column Description: Mode of units involved in crash
Type: String
Missing: 7

Column Name: atd_mode_category_metadata
Column Description: Description of units involved in crash
Type: String
Missing: 7
Sample value: [{"mode_id": 1, "mode_desc": "Passenger car", "unit_id": 2259431, "death_cnt": 0, "sus_serious_injry_cnt": 0, "nonincap_injry_cnt": 0, "poss_injry_cnt": 0, "non_injry_cnt": 4, "unkn_injry_cnt": 0, "tot_injry_cnt": 0}]
Additional comments: It is a multivalued attribute.

Column Name: pedestrian_fl
Column Description: Pedestrian involved crash flag
Type: Boolean
Missing: 144245 (97.6%)
"Y" values: 3505 (2.4%)
Additional comments: There are no "N" values in this field, instead there are null values.

Column Name: motor_vehicle_fl
Column Description: Motor vehicle involved crash flag
Type: Boolean
Missing: 1116 (0.8%)
"Y" values: 146634 (99.2%)
Additional comments: There are no "N" values in this field, instead there are null values.

Column Name: motorcycle_fl
Column Description: Motorcycle involved crash flag
Type: Boolean
Missing: 144148 (97.6%)
"Y" values: 3602 (2.4%)
Additional comments: There are no "N" values in this field, instead there are null values.

Column Name: bicycle_fl
Column Description: Bicyclist involved crash flag
Type: Boolean
Missing: 145306 (98.3%)
"Y" values: 2444 (1.7%)
Additional comments: There are no "N" values in this field, instead there are null values.

Column Name: other_fl
Column Description: Other involved crash flag
Type: Boolean
Missing: 142905 (96.7%)
"Y" values: 4845 (3.3%)
Additional comments: There are no "N" values in this field, instead there are null values.

Column Name: point
Column Description: Point datatype created with crash latitude and longitude to enable request of GeoJSON
Type: String
Distinct values: 97739 (67.2%)
Missing: 2243 (1.5%)
Additional comments: The type of this field is text which needs to be changed to numeric to capture the location.

Column Name: apd_confirmed_fatality
Column Description: APD Fatality flag
Type: Boolean
Missing: None
"Y" values: 842 (0.6%)
"N" values: 146908 (99.4%)

Column Name: apd_confirmed_death_count
Column Description: APD Fatality flag
Type: String
Missing: None
Distinct values: 5
Minimum: 0
Maximum: 4
Additional comments: This field contains values in text type that should be changed to numeric type for analysis.

Column Name: motor_vehicle_serious_injury_count
Column Description: N/A
Type: Integer
Distinct values: 6
Minimum: 0
Maximum: 5

Column Name: bicycle_death_count
Column Description: N/A
Type: String
"0" values: 147721 (>99.9%)
"1" values: 29 (<0.1%)

Column Name: pedestrian_death_count
Column Description: N/A
Type: String
Distinct values: 3
Additional comments: This field contains values in text type that should be changed to numeric type for analysis.

Column Name: pedestrian_serious_injury_count
Column Description: N/A
Type: String
Distinct values: 5
Additional comments: This field contains values in text type that should be changed to numeric type for analysis.

Column Name: motorcycle_death_count
Column Description: N/A
Type: String
Distinct values: 3
Additional comments: This field contains values in text type that should be changed to numeric type for analysis.

Column Name: motorcycle_serious_injury_count
Column Description: N/A
Type: String
Distinct values: 3
Additional comments: This field contains values in text type that should be changed to numeric type for analysis.

Column Name: motorcycle_serious_injury_count
Column Description: N/A
Type: String
Distinct values: 3
Additional comments: This field contains values in text type that should be changed to numeric type for analysis.

Column Name: other_death_count
Column Description: N/A
Type: String
Additional comments: This field contains values in text type that should be changed to numeric type for analysis.

Column Name: other_serious_injury_count
Column Description: N/A
Type: String
Distinct: 3
Additional comments: This field contains values in text type that should be changed to numeric type for analysis.

Column Name: onsys_fl

Column Description: Flag indicates whether primary road of crash was on the TxDOT highway system.

Type: Boolean

Missing: 0

"Y" values: 73041 (49.4%)

"N" values: 74709 (50.6%)

Column Name: private_dr_fl

Column Description: Flag indicating whether crash occurred on a private drive or road/private property/parking lot.

Type: Boolean

Missing: 0

"N" values: 147750 (100%)

"Y" values: 0

Column Name: micromobility_serious_injury_count

Column Description: N/A

Type: String

Distinct: 3

Missing: 0

Additional comments: This field contains values in text type that should be changed to numeric type for analysis.

Column Name: micromobility_death_count

Column Description: N/A

Type: String

Missing: 0

"1" values: 6

"0" values: 147744

Additional comments: This field contains values in text type that should be changed to numeric type for analysis.

Column Name: micromobility_fl

Column Description: N/A

Type: Boolean

Missing: 147439 (99.8%)

"Y" values: 311 (0.2%)

Additional comments: There are no "N" values in this field, instead there are null values.