Traffic Accidents Metadata

Metropolitan Government of Nashville and Davidson County

What's in this dataset?

Details about traffic accidents reported to Metro Nashville Police Department.

Category:	Police
Keywords:	accident, crash, police, traffic, safety, mnpd, vehicle, car, automobile, injury, collision, motor, fatality, weather, road, street, property
Data Provided By:	Metro Nashville Police Department, Information Technology
Source:	Tennessee Integrated Traffic Analysis Network (TITAN)
Time Period:	2010 - Present
Update Frequency:	Daily

Additional Information

How is this data collected?	Data is exported daily from the TITAN system by automated script. Data is subject to change during an investigation as more information becomes available. MNPD makes every reasonable effort to ensure that the information is current and accurate at the time it is provided, although data may contain erroneous information due to undetected errors, false information provided by suspects and witnesses, and other reasons beyond MNPD's control.
What does each record represent?	A reported traffic accident
What are the limitations of the data?	This information is not to be used or construed as an official MNPD accident report.
Additional comments:	More information can be found at https://www.nashville.gov/Police-Department/Online-Services/Current-Traffic-Accidents.aspx or https://www.nashville.gov/Traffic-Accidents-Feed

Data Dictionary

Data Field Name	Format	Description
Accident Number	Text	MNPD incident number for the accident
Date and Time	Date & Time	Date and time of the accident
Number of Motor Vehicles	Number	Number of vehicles involved in the accident
Number of Injuries	Number	Number of people with injuries as a result of the accident
Number of Fatalities	Number	Number of fatalities as a result of the accident

Property Damage	Text	Indicates if there was property damage as a result of the accident (Y for Yes, blank for No)
Hit and Run	Text	Indicates if the accident was a hit and run (Y/N)
Reporting Officer	Text	ID number of the officer responding to the accident
Collision Type Code	Number	System code for the type of collision
Collision Type Description	Text	Full text description of the collision type
Weather Code	Number	System code for the weather conditions at the time of the accident
Weather Description	Text	Full text description of the weather conditions
Illumination Code	Number	System code for type of lighting at the time of the accident
Illumination Description	Text	Full text description of the lighting conditions
Harmful Code	Text	System code indicating harmful objects or conditions present in the accident
Harmful Description	Text	Full text description of the harmful objects or conditions
Street Address	Text	Street address at which the accident occurred
City	Text	City in which the accident occurred
State	Text	State in which the accident occurred
ZIP	Text	ZIP Code in which the accident occurred
RPA	Number	MNPD reporting zone in which the accident occurred
Precinct	Text	Assigned MNPD precinct in which the accident occurred
Latitude	Number	Approximate latitude where the accident occurred
Longitude	Number	Approximate longitude where the accident occurred
Mapped Location	Location	Combined latitude and longitude for the accident for mapping purposes

Appendix A – Collision Type Code

0	NOT COLLISION W/MOTOR VEHICLE-TRANSPORT
1	REAR END
2	HEAD-ON
3	REAR-TO-REAR
4	ANGLE
5	SIDESWIPE - SAME DIRECTION
6	SIDESWIPE - OPPOSITE DIRECTION
9	UNKNOWN
11	Front to Rear
16	Rear to Side
17	Rear to Rear
98	OTHER

Appendix B – Weather Code

1   NO ADVERSE CONDITIONS
2   RAIN
3   SLEET, HAIL
4   SNOW
5   FOG
6   RAIN AND FOG
7   SLEET AND FOG
8   SMOG, SMOKE
9   BLOWING SAND, SOIL, DIRT, SNOW
10   SEVERE CROSSWIND
21   CLEAR
22   CLOUDY
28   BLOWING SNOW
30   BLOWING SAND/SOIL/DIRT
98   CLEAR
99   CLOUDY

Appendix C – Illumination Code

1   DAYLIGHT
2   DARK - NOT LIGHTED
3   DARK - LIGHTED
4   DAWN
5   DUSK
7   Dark-Unknown Lighting
9   UNKNOWN
98   OTHER

Appendix D – Harmful Code

1   OVERTURN
2   FIRE/EXPLOSION
3   IMMERSION
4   JACKKNIFE
5   FELL/JUMPED FROM VEHICLE
6   INJURED IN VEHICLE
7   OTHER NON-COLLISION
8   PEDESTRIAN
9   PEDALCYCLE
10   RAILWAY TRAIN
11   OTHER ANIMAL
12   MOTOR VEHICLE IN TRANSPORT
13   MOTOR VEHICLE IN TRANSPORT-OTHER ROADWAY
14   PARKED MOTOR VEHICLE

15	OTHER TYPE NON-MOTORIST
16	THROWN OR FALLING OBJECT
17	BOULDER
18	OTHER OBJECT (NOT FIXED)
19	BUILDING
20	IMPACT ATTENUATOR
21	BRIDGE PIER/ABUTMENT
22	BRIDGE PARPET END
23	BRIDGE RAIL
24	GUARDRAIL FACE
25	GUARDRAIL END
26	MEDIAN BARRIER
27	H-WAY TRAFFIC SIGNAL POST
28	OVERHEAD SIGN SUPPORT
29	LUMINAIRE/LIGHT SUPPORT
30	UTILITY POLE
31	OTHER POST, POLE, SUPP.
32	CULVERT
33	CURB
34	DITCH
35	EMBANKMENT
36	CONCRETE TRAFFIC BARRIER
37	Other Traffic Barrier
38	FENCE
39	WALL
40	MAIL BOX
41	SHRUBBERY
42	TREE
43	OTHER FIXED OBJECTS
44	PAVED SURFACE-IRREGULAR
45	WORKING MOTOR VEHICLE
46	TRAFFIC SIGNAL SUPPORT
47	FIRE HYDRANT
48	SNOW BANK
49	Ridden Animal/Drawn Conveyance
50	DEER (ANIMAL)
54	Set In Motion By Motor Vehicle
55	Motor Vehicle-In-Motion Outside Traffic
57	Cable Barrier
60	Cargo Equip Loss/Shift
61	Equip Failure
62	Separation Of Units
63	Ran Off Road-Right
64	Ran Off Road-Left

65	Cross Median
66	Down Hill-Run Away
67	Vehicle Airborne
68	Cross Center Line
70	GAS INHALATION
71	EMBANKMENT EARTH
72	EMBANKMENT ROCK/STONE/CONCRETE
73	EMBANKMENT MATERIAL UNKNOWN
74	Occupant Struck By Own Vehicle
75	Bridge/Overhead Structure
99	UNKNOWN MOST HARMFUL EVENT