

Denver Open Data Catalog: Crime

Link

The Denver Open Data Catalog can be found [here](#). The dataset for Crime from the last 5 years as a CSV can be found [here](#)

Summary

The dataset contains a list over of 381,000 criminal offenses in the city and county of Denver from the 5 previous calendar years and the current year to date. The database is dynamic and updated regularly, records are collected and formatted in accordance to the National Incident Based Reporting System. This dataset can be useful for identifying any crime trends or geographic crime trends in the Denver and Denver County area.

Keywords

Denver Crime, Criminal Offenses, National Incident Based Reporting System, Crime Trends, Colorado

Creators

This dataset was collected and created by the Denver Police Department and Data Analysis Unit. The dataset was made public by the City and County of Denver.

Rights and permissions

This dataset is public information, and is free for anyone to “copy, distribute, transmit and adapt the data in this catalog under an open license.” While data may be used by anyone, the City and County of Denver are not responsible for any possible inaccuracies in the dataset. For full rights and permissions regarding this dataset or any other by the Denver Open Data Catalog one can view the [terms of use](#).

Source

The data was made public by the city and County of Denver.

Date of creation

This dataset was created starting in 2010 but is a running dataset for the last 5 years. Data from 2010 up to 5 years ago is available but is not included in the dataset linked.

Date of last update

At the time of writing this documentation, the dataset was last updated in 9/22/2023. The dataset is dynamic and regularly updated Monday through Friday. It should be noted that data from the last 30 days tends to be the least accurate and may be updated to correct any inaccuracies.

Version Number

The exact version of the data set at the time of writing this documentation is version 1.0.4715. The link to the dataset refers to the most recent version and is not guaranteed to match the version number listed above.

File format(s)

The format of the exact dataset linked about is in CSV format, other file formats are available as well such as ship, csv, pdf, and xml.

List of variables

incident_id: A unique numerical id given to that specific incident.

offense_id: A unique numerical id given to that occurrence of that type of offense.

offense_code: A numerical identifier to reference the exact type of incident, offense codes will be further grouped into "offense_type", for definition of offense code click [here](#).

offense_type: A numerical Identifier of the type of the offence. Examples include Fraud, Larceny, Robbery. Full definition of offense types [here](#).

offense_category_id: Each offense type is assigned a unique numerical value.

first_occurrence: Date the incident first occurred.

last_occurrence: Date the incident most recently occurred if the incident has occurred over multiple dates.

reported_date: The date the incident was initially reported.

incident_address: The address that the incident occurred at.

geo_x, geo_y: This appears to be a unique location identifying system by the Denver Police Department. Further research must be collected to understand this location encoding system.

geo_lon, geo_lat: Degrees longitude and latitude that the incidents were reported at.

district_id: A unique numerical value assigned to a district in Denver County the incident occurred.

precinct_id: A unique numerical value assigned to the precinct that reported the incident.

neighborhood_id: A unique numerical value assigned to a neighborhood by the City of Denver.

is_crime: A Boolean value to indicate if the incident is a crime.

is_traffic: A Boolean value to indicate if the incident is traffic related

victim_count: "Victims—count one for each victim, i.e., Victim segment, connected to each offense type in the incident (in a multiple-offense incident, a victim is counted for each connected offense type in a table reflecting offense categories)." – Uniform Crime Reporting Program

Explanation of codes

Boolean fields may be marked with a 1 or 0. 1 will indicate True, 0 False in a Boolean field. Missing data will be left blank. Geo tags such as geo_x and geo_y are given in degrees longitude or latitude. Other specific id may be given in codes that must be cross-referenced with the Denver Police manual.