

[Skip to Main Content](#)**CHICAGO
DATA PORTAL**

Chicago Data Portal

[Browse](#)[Tutorial](#)[Feedback](#)[Sign In](#)[About](#)[Data](#)[Related Content](#)

Actions

Access this Dataset via OData

Use OData to open the dataset in tools like Excel or Tableau. This provides a direct connection to the data that can be refreshed on-demand within the connected application.

Tableau users should select the OData v2 endpoint option.

[Socrata OData Documentation](#)

OData Endpoint

<https://data.cityofchicago.org/api/odata/v4/68nd-jvt3>

OData V4

[Copy](#)[Done](#)[Export](#)

Traffic Crashes - Vehicles

Transportation

This dataset contains information about vehicles (or units as they are identified in crash reports) involved in a traffic crash. This dataset should be used in conjunction with the traffic Crash and People dataset available in the portal. "Vehicle" information includes motor vehicle and non-motor vehicle modes of transportation, such as bicycles and pedestrians. Each mode of transportation involved in a crash is a "unit" and get one entry here. Each vehicle, each pedestrian, each motorcyclist, and each bicyclist is considered an independent unit that can have a trajectory separate from the other units. However, people inside a vehicle including the driver do not have a trajectory separate from the vehicle in which they are travelling and hence only the vehicle they are travelling in get any entry here. This type of identification of "units" is needed to determine how each movement affected the crash. Data for occupants who do not make up an independent unit, typically drivers and passengers, are available in the People table. Many of the fields are coded to denote the type and location of damage on the vehicle. Vehicle information can be linked back to Crash data using the "CRASH_RECORD_ID" field. Since this dataset is a combination of vehicles, pedestrians, and pedal cyclists not all columns are applicable to each record. Look at the Unit Type field to determine what additional data may be available for that record.

[Help](#)

The Chicago Police Department reports crashes on IL Traffic Crash Reporting form SR1050. The crash data published on the Chicago data portal mostly follows the data elements in SR1050 form. The current version of the SR1050 instructions manual with detailed information on each data elements is available [here](#).

Change 11/21/2023: We have removed the RD_NO (Chicago Police Department report number) for privacy reasons.

Read less ^

Last Updated April 15, 2024

Data Provided By City of Chicago

Featured Content Using this Data

[Traffic Crashes - Crashes](#)

External Content

A dataset of crashes related to these vehicles

[Traffic Crashes - People](#)

External Content

A dataset of people related to these vehicles

[Vision Zero Chicago](#)

External Content

City of Chicago Vision Zero plan to work with the community to prioritize human life and safety on Chicago's streets.

About this Dataset

Updated
April 15, 2024

Data Last Updated April 15, 2024

Metadata Last Updated December 13, 2023

Date Created January 4, 2018

Views	Downloads
60.6K	7,965

Data Provided by City of Chicago

Dataset Owner Jonathan Levy

Metadata

Changes and Other Historical Information Useful to Understanding This Dataset	http://dev.cityofchicago.org/open%20data/data%20portal/2020/07/21/traffic-crash-data-source.html http://dev.ci
Data Owner	Chicago Police Department
Time Period	2015 to present (All police districts September 2017 - present)
Frequency	Daily

Topics

Category Transportation

Tags [transportation](#), [public safety](#), [vision zero](#), [traffic crashes](#), [link to article present](#)**Licensing and Attribution**

License See Terms of Use

Source Link <http://www.chicago.gov>

What's in this Dataset?

Rows

1.68M

Columns

71

Each row is a

Vehicle

Columns in this Dataset

Column Name	Description	Type
CRASH_UNIT_ID	A unique identifier for each vehicle record.	Number
Data Type		
Number		
API Field Name		
crash_unit_id		
CRASH_RECORD_ID	This number can be used to link to the same crash in the Crashes and People datasets. This number also serves as a unique ID in the Crashes dataset.	Plain Text
Data Type		
Text		
API Field Name		
crash_record_id		
CRASH_DATE	Date and time of crash as entered by the reporting officer	Date & Time

Column Name	Description	Type
Data Type Floating Timestamp API Field Name crash_date		
UNIT_NO	A unique ID for each unit within a specific crash report.	Number
Data Type Number API Field Name unit_no		
UNIT_TYPE	The type of unit	Plain Text
Data Type Text API Field Name unit_type		
NUM_PASSENGERS	Number of passengers in the vehicle. The driver is not included. More information on passengers is in the People dataset.	Number
Data Type Number API Field Name num_passengers		
VEHICLE_ID		Number
Data Type Number API Field Name vehicle_id		
CMRC_VEH_I		Plain Text
Data Type		

Column Name	Description	Type
Text API Field Name cmrc_veh_i		
MAKE	The make (brand) of the vehicle, if relevant	Plain Text
Data Type Text API Field Name make		
MODEL	The model of the vehicle, if relevant	Plain Text
Data Type Text API Field Name model		
LIC_PLATE_STATE	The state issuing the license plate of the vehicle, if relevant	Plain Text
Data Type Text API Field Name lic_plate_state		
VEHICLE_YEAR	The model year of the vehicle, if relevant	Number
Data Type Number API Field Name vehicle_year		
VEHICLE_DEFECT		Plain Text
Data Type Text API Field Name		

Column Name	Description	Type
vehicle_defect		
VEHICLE_TYPE	The type of vehicle, if relevant	Plain Text
Data Type		
Text		
API Field Name		
vehicle_type		
VEHICLE_USE	The normal use of the vehicle, if relevant	Plain Text
Data Type		
Text		
API Field Name		
vehicle_use		
TRAVEL_DIRECTION	The direction in which the unit was traveling prior to the crash, as determined by the reporting officer	Plain Text
Data Type		
Text		
API Field Name		
travel_direction		
MANEUVER	The action the unit was taking prior to the crash, as determined by the reporting officer	Plain Text
Data Type		
Text		
API Field Name		
maneuver		
TOWED_I	Indicator of whether the vehicle was towed	Plain Text

Column Name	Description	Type
Data Type Text		
API Field Name towed_i		
FIRE_I		Plain Text
Data Type Text		
API Field Name fire_i		
OCCUPANT_CNT	The number of people in the unit, as determined by the reporting officer	Number
Data Type Number		
API Field Name occupant_cnt		
EXCEED_SPEED_LIMIT_I	Indicator of whether the unit was speeding, as determined by the reporting officer	Plain Text
Data Type Text		
API Field Name exceed_speed_limit_i		
TOWED_BY	Entity that towed the unit, if relevant	Plain Text
Data Type Text		
API Field Name towed_by		
TOWED_TO	Location to which the unit was towed, if relevant	Plain Text

Column Name	Description	Type
Data Type Text API Field Name towed_to		
AREA_00_I		Plain Text
Data Type Text API Field Name area_00_i		
AREA_01_I		Plain Text
Data Type Text API Field Name area_01_i		
AREA_02_I		Plain Text
Data Type Text API Field Name area_02_i		
AREA_03_I		Plain Text
Data Type Text API Field Name area_03_i		
AREA_04_I		Plain Text

Column Name	Description	Type
Data Type Text		
API Field Name area_04_i		
AREA_05_I		Plain Text
Data Type Text		
API Field Name area_05_i		
AREA_06_I		Plain Text
Data Type Text		
API Field Name area_06_i		
AREA_07_I		Plain Text
Data Type Text		
API Field Name area_07_i		
AREA_08_I		Plain Text
Data Type Text		
API Field Name area_08_i		
AREA_09_I		Plain Text

Column Name	Description	Type
Data Type Text API Field Name area_09_i		
AREA_10_I		Plain Text
Data Type Text API Field Name area_10_i		
AREA_11_I		Plain Text
Data Type Text API Field Name area_11_i		
AREA_12_I		Plain Text
Data Type Text API Field Name area_12_i		
AREA_99_I		Plain Text
Data Type Text API Field Name area_99_i		
FIRST_CONTACT_POINT		Plain Text

Column Name	Description	Type
Data Type Text		
API Field Name first_contact_point		
CMV_ID		Number
Data Type Number		
API Field Name cmv_id		
USDOT_NO		Plain Text
Data Type Text		
API Field Name usdot_no		
CCMC_NO		Plain Text
Data Type Text		
API Field Name ccmc_no		
ILCC_NO		Plain Text
Data Type Text		
API Field Name ilcc_no		
COMMERCIAL_SRC		Plain Text
Data Type		

Column Name	Description	Type
Text		
API Field Name		
commercial_src		
GVWR		Plain Text
Data Type		
Text		
API Field Name		
gvwr		
CARRIER_NAME		Plain Text
Data Type		
Text		
API Field Name		
carrier_name		
CARRIER_STATE		Plain Text
Data Type		
Text		
API Field Name		
carrier_state		
CARRIER_CITY		Plain Text
Data Type		
Text		
API Field Name		
carrier_city		
HAZMAT_PLACARDS_I		Plain Text
Data Type		
Text		

Column Name	Description	Type
API Field Name hazmat_placards_i		
HAZMAT_NAME		Plain Text
Data Type Text		
API Field Name hazmat_name		
UN_NO		Plain Text
Data Type Text		
API Field Name un_no		
HAZMAT_PRESENT_I		Plain Text
Data Type Text		
API Field Name hazmat_present_i		
HAZMAT_REPORT_I		Plain Text
Data Type Text		
API Field Name hazmat_report_i		
HAZMAT_REPORT_NO		Plain Text
Data Type Text		
API Field Name		

Column Name	Description	Type
hazmat_report_no		
MCS_REPORT_I		Plain Text
Data Type		
Text		
API Field Name		
mcs_report_i		
MCS_REPORT_NO		Plain Text
Data Type		
Text		
API Field Name		
mcs_report_no		
HAZMAT_VIO_CAUSE_CRASH_I		Plain Text
Data Type		
Text		
API Field Name		
hazmat_vio_cause_crash_i		
MCS_VIO_CAUSE_CRASH_I		Plain Text
Data Type		
Text		
API Field Name		
mcs_vio_cause_crash_i		
IDOT_PERMIT_NO		Plain Text

Column Name	Description	Type
Data Type Text		
API Field Name idot_permit_no		
WIDE_LOAD_I		Plain Text
Data Type Text		
API Field Name wide_load_i		
TRAILER1_WIDTH		Plain Text
Data Type Text		
API Field Name trailer1_width		
TRAILER2_WIDTH		Plain Text
Data Type Text		
API Field Name trailer2_width		
TRAILER1_LENGTH		Number
Data Type Number		
API Field Name trailer1_length		
TRAILER2_LENGTH		Number
Data Type Number		

Column Name	Description	Type
API Field Name trailer2_length		
TOTAL_VEHICLE_LENGTH		Number
Data Type Number		
API Field Name total_vehicle_length		
AXLE_CNT		Number
Data Type Number		
API Field Name axle_cnt		
VEHICLE_CONFIG		Plain Text
Data Type Text		
API Field Name vehicle_config		
CARGO_BODY_TYPE		Plain Text
Data Type Text		
API Field Name cargo_body_type		
LOAD_TYPE		Plain Text
Data Type Text		
API Field Name load_type		

Column Name	Description	Type
HAZMAT_OUT_OF_SERVICE_I		Plain Text
Data Type		
Text		
API Field Name		
hazmat_out_of_service_i		
MCS_OUT_OF_SERVICE_I		Plain Text
Data Type		
Text		
API Field Name		
mcs_out_of_service_i		
HAZMAT_CLASS		Plain Text
Data Type		
Text		
API Field Name		
hazmat_class		
Show All (71)Show Less		

Dataset Changelog

No changes have been archived yet

Open this dataset in Carto?

Your browser will be redirected to Carto, would you like to proceed?

[Note that Carto has a file size limit of 150MB or 500,000 rows.](#)

Learn about more external integrations at

<https://support.socrata.com/hc/en-us/articles/115010730868>

CloseOpen

Open this dataset in Plot.ly?

Your browser will be redirected to Plot.ly, would you like to proceed?

[Note that Plot.ly has a file size limit of 5MB.](#)

Learn about more external integrations at

<https://support.socrata.com/hc/en-us/articles/115010730868>

CloseOpen

Send a Message to the Owner of this Dataset

Send a short message to the dataset owner to ask a question, make a comment, or point out something about the data.

Subject

Message

Your Email (Your email address will be shared with the dataset owner so they can get back to you)

☐ I'm not a robot

reCAPTCHA
Privacy - Terms

Cancel

Manage Featured Content

Featured Content

What would you like people to see when they first view this dataset? Promote up to 3 Socrata assets that use this data, or choose to feature any relevant external resources. Think of this section as the face of your data.

Traffic Crashes - Crashes

External Content

A dataset of crashes related to these vehicles

Traffic Crashes - People

External Content

A dataset of people related to these vehicles

[Vision Zero Chicago](#)

External Content

Change

Remove

City of Chicagoo Vision Zero plan to work with tr

Done