

### **Map 1: Washington DC Crime Incidents data analysis map**

Crime incidents data analysis is useful to predict the occurrence of a crime at a location at a specific time of a day and to anticipate if a particular neighborhood in the city, at any given duration of the day will be a crime hotspot or not, with an acceptable rate of accuracy. Used below primary datasets and prepared QGIS map with number of crime incidents and incident type (Theft, Robbery, assault, homicide, and Sex abuse etc.)

<https://opendata.dc.gov/datasets/DCGIS::census-tracts-in-2020/explore>

<https://opendata.dc.gov/datasets/DCGIS::crime-incidents-in-2023/explore>

### **Map 2: Maryland Statewide Vehicle Crashes and Fatal analysis map**

To maximize insights and extract variables to investigate the core circumstances of the accidents with the highest contributing factors in Maryland motor vehicles. Used below primary datasets to prepare QGIS map with variables like number of vehicle crashes and crash type (Fatal, Injury, and Property damage).

[Maryland Statewide Vehicle Crashes | Open Data | opendata.maryland.gov](#)

### **Map 3: Maryland Education Facilities - PreK thru 12 Education (Public Schools)**

It will provide information on an available number of public schools and education facilities from PreK to 12th grade in Maryland.

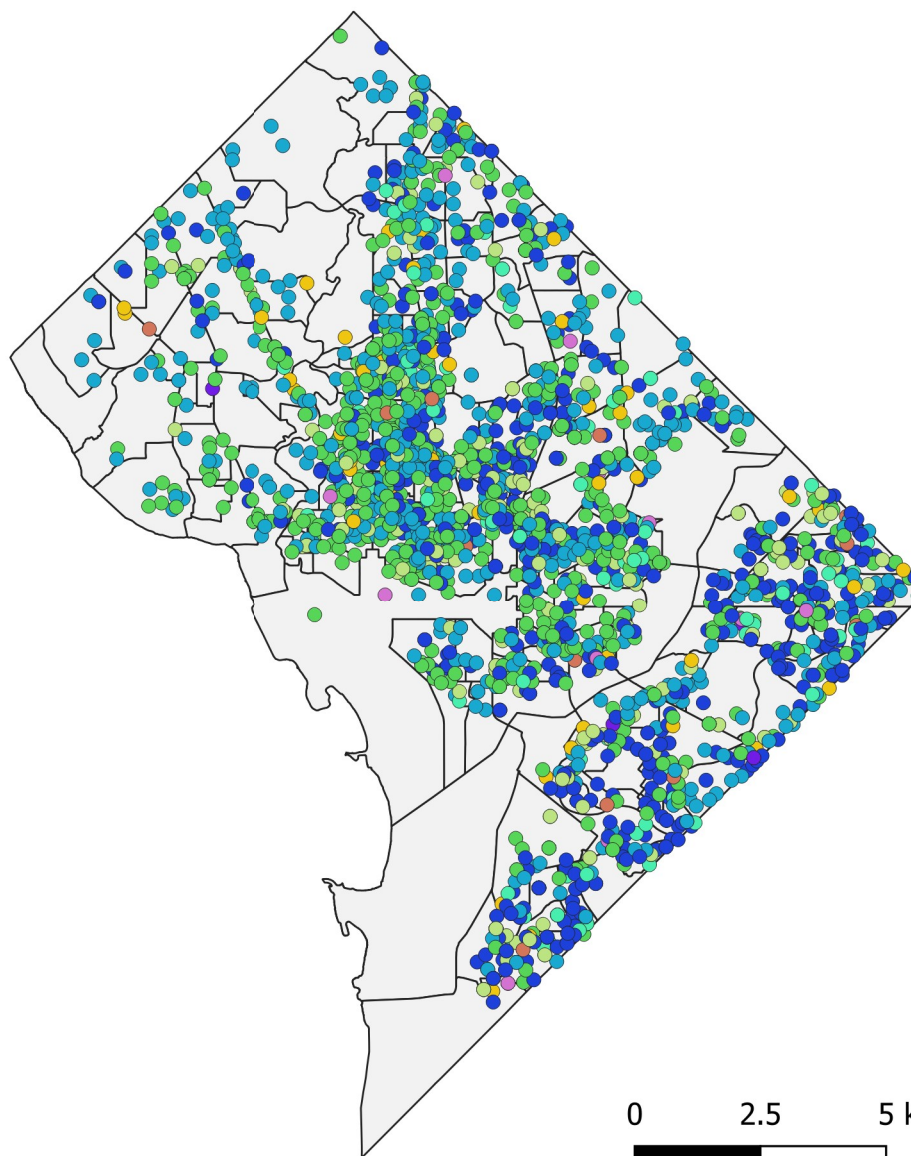
<https://data.imap.maryland.gov/datasets/f49c4bb1a9a74029ae974e6d6fd08b71/explore>

# Washington DC Crime incidents in 2023

## DC\_Crime\_Incidents [3015]

- ARSON [4]
- ASSAULT W/DANGEROUS WEAPON [123]
- BURGLARY [94]
- HOMICIDE [19]
- MOTOR VEHICLE THEFT [660]
- ROBBERY [228]
- SEX ABUSE [17]
- THEFT F/AUTO [798]
- THEFT/OTHER [1072]

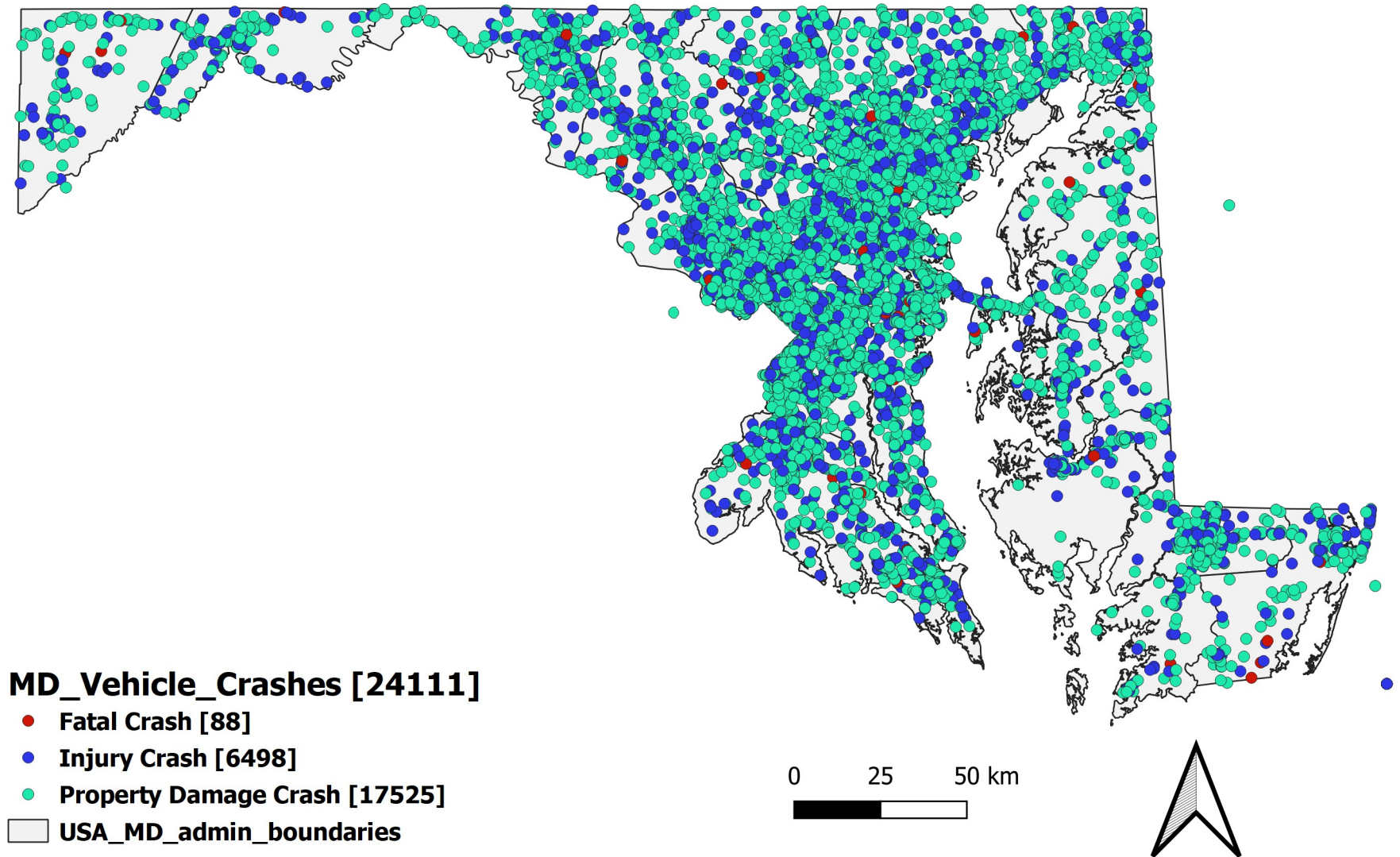
□ DC\_Census\_Tracts



0 2.5 5 km



# Maryland Vehicle Crashes in 2020 Year Q1



# Maryland Pre K thru 12 Public Schools

