

## Activity 5

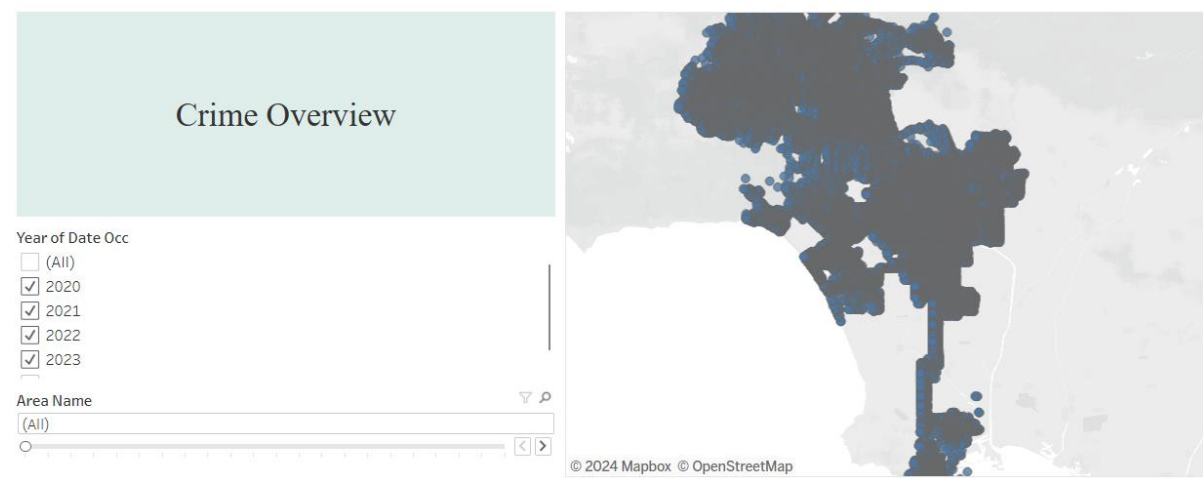
**Dataset:** Los Angeles Crime Data from 2020 to present

**Link:** <https://catalog.data.gov/dataset/crime-data-from-2020-to-present>

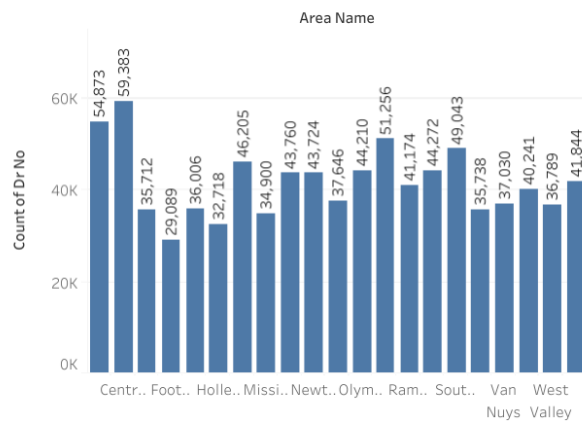
This dataset reflects incidents of crime in the City of Los Angeles dating back to 2020.

**Pages:**

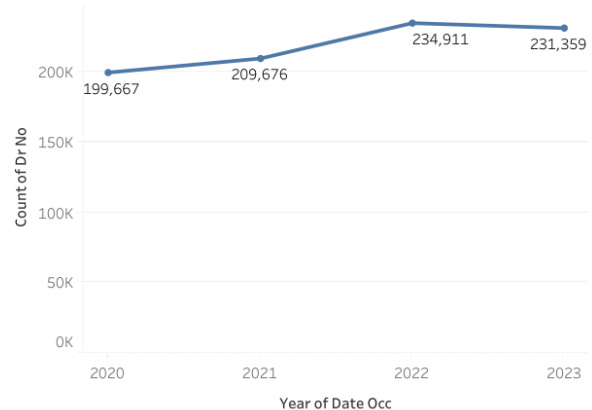
Crime Overview:



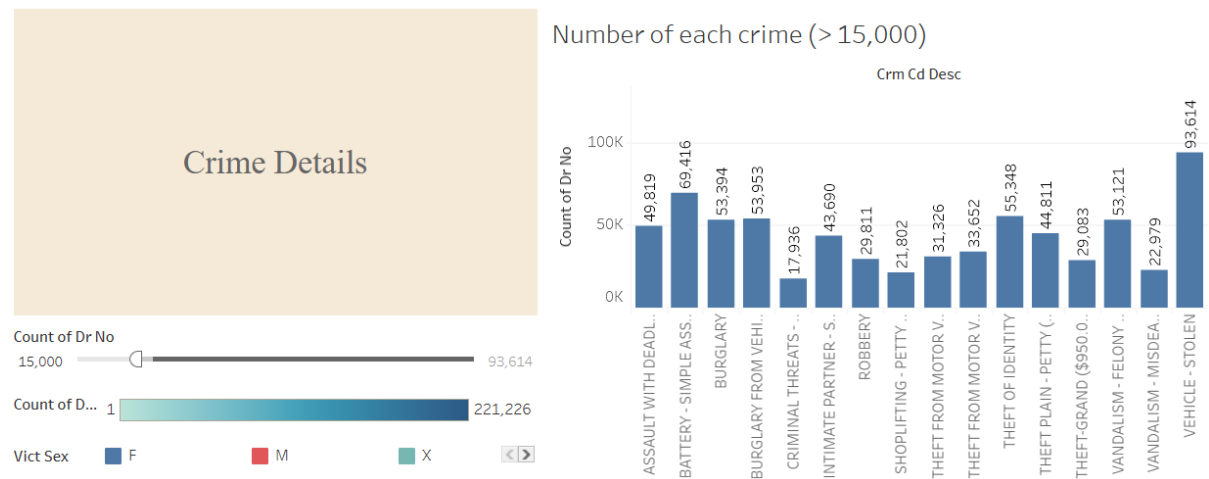
No. of Crimes per Area



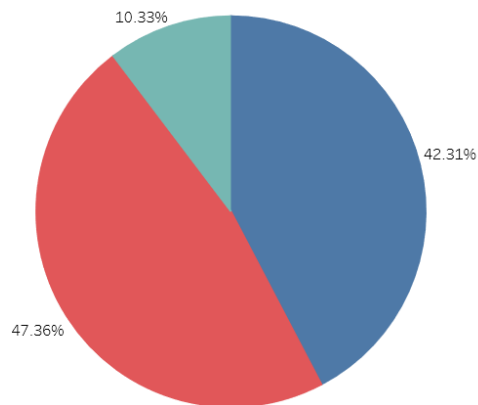
Trend in crimes



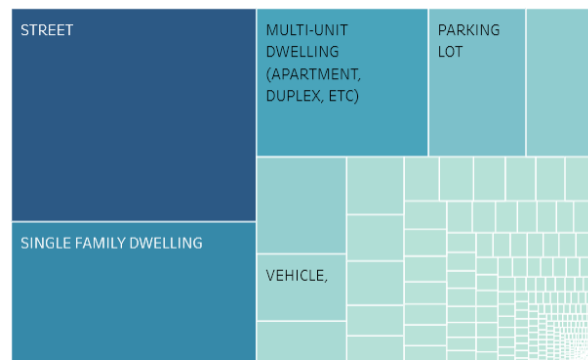
This page shows an overview of crime in L.A. We can get an insight based off of the crimes' locations and the trend in overall crime. The crime location can be drilled down from the area name to the street it took place on. The trend in crime can be drilled down on the basis of a complete date-time hierarchy (from year to seconds).

Crime Details:

Affect on Gender



No. of Crime by Premise



This page allows us to view the details of each crime. We can identify the amount of each crime that took place. Due to a high number of distinctly categorized crimes, we have adjusted the graph to only show crimes that were committed more than 15,000 times. We have also portioned the victims by gender and can visualize which crime affected which gender more, using a pie-chart. Furthermore, a tree-map allows us to view which premise was more prone to having a crime committed (e.g. one is more likely to become a victim on the street than in a vehicle)

**Final insights:**

- Crime is rampant in most of L.A. Only certain areas on the outside of the city have fewer instances but not by much
- The most crime is in central LA and the least being in the Foothills area.
- Crime has seen an upward trend in this period of time, though it plateaued after 2022.
- Across the years, no specific quarter or month consistently has a higher crime rate than the others.
- There are various types of distinct crimes that take place in Los Angeles.
- While a large number of crimes takes place overall, no unique crime can be considered as a major contributor.
- Stolen vehicles, simple assault, and identity theft crimes have the most instances
- Men are more likely to have a crime committed against them than women when it comes to most crimes.
- When it comes to more domestic crimes, women make up a much larger share of the victims. Such crimes include assault by an intimate partner.
- Most crimes occur on the street, followed by homes, sidewalks, and parking lots.
- A massive number of stolen vehicle crimes take place when parked on the street.