

Driving Questions

- Does location influence the crime rate?
- What are the most common types of crimes reported in each of the three cities, and how do they compare?
- How do the rates of violent crimes, such as vehicle theft and aggravated assault, compare across the three cities?
- Are there specific month, weekday where there is higher or lower crime rate than other months or weekday? and how does these compare in the three cities?

Why Crime Data?

- 37210 Zip code and Graduate School
- •provide valuable insights into the patterns, trends, and factors influencing criminal activities in various regions.
- diverse demographic profiles
- distinct geographic locations.
- the South of the United States,

- close to each other, and
- have a similar population.
- Nashville, 677,519 Louisville, 616,447and Birmingham 193,491
- have robust data collection and reporting systems,
- ensuring the availability of comprehensive and reliable data for the project.

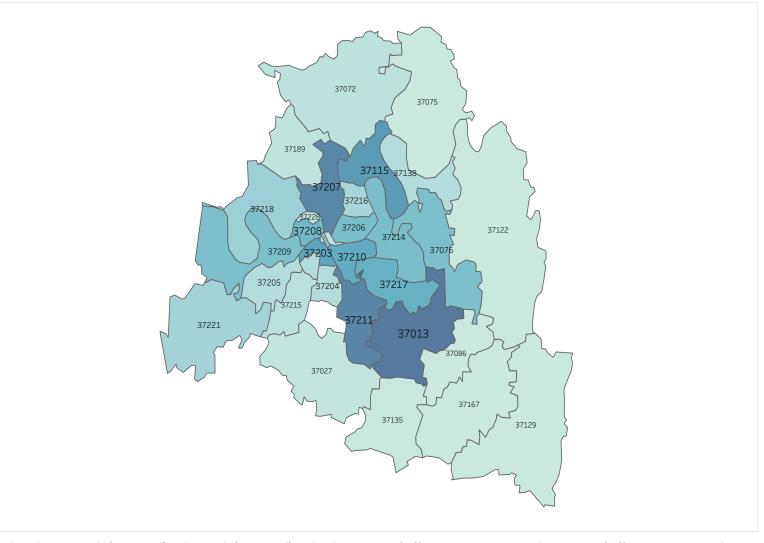
https://worldpopulationreview.com/us-cities

37013: Antioch, TN, Vehicle Theft, simple assault, lost property.

The largest 37013 racial/ethnic groups are Black (36.7%) followed by White (34.7%) and Hispanic (18.1%).

37207: primarily black or African American. Drug paraphernalia,

Nashville Crime Map



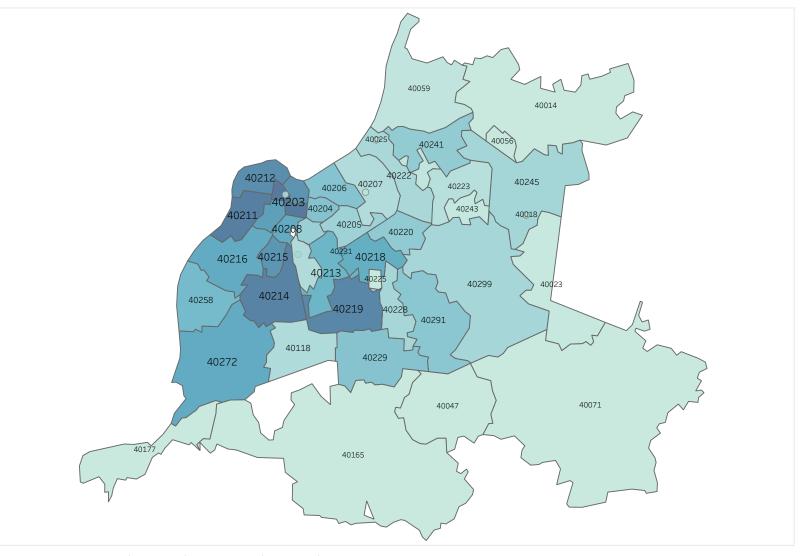
Map based on Longitude (generated) and Latitude (generated). Color shows count of Offense Description. Size shows count of Offense Description. The marks are labeled by ZIP Code. Map coloring shows 2018 Household Size (average) by State. The view is filtered on ZIP Code, which excludes Null, 37015,

40211: Aggravated Assault, Weapons Law Violation, narcotics, African American

40214: Auto Theft, primarily white. one of the nicer parts of town with a more affluent demographic

40203: The Civic
Center|Central Business
District and has a large
population density.
Primarily African
America

Louisville Crime Map

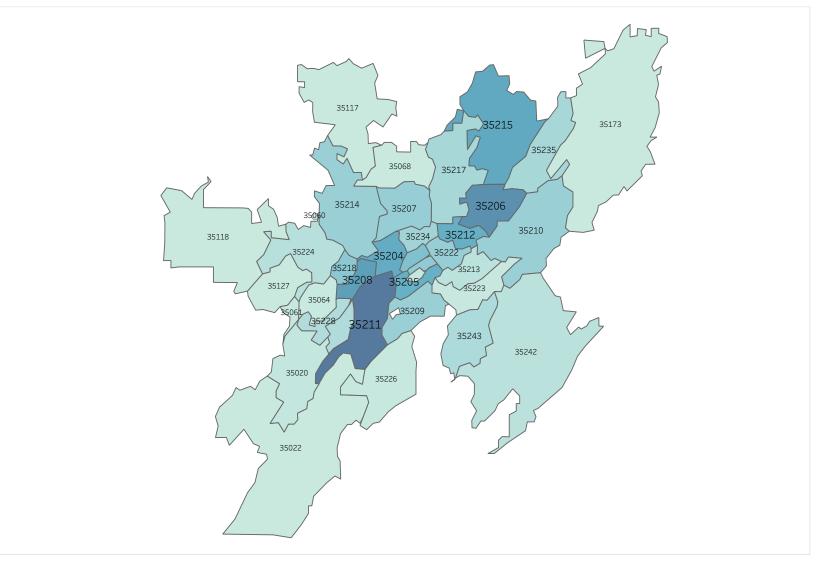


Map based on Longitude (generated) and Latitude (generated). Color shows count of Classification. Size shows count of Classification. The marks are labeled by Zip Code. Map coloring shows 2018 Household Size (average) by State. The view is filtered on Zip Code, which excludes 40108, 40146 and

35208: primarily black or African American, Theft-Vehicle

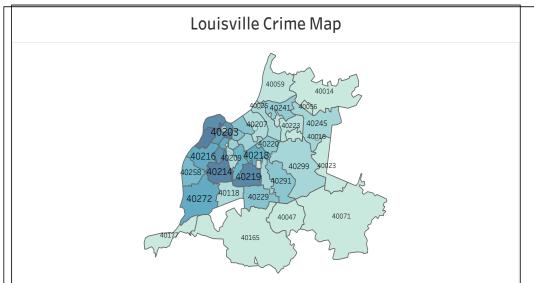
35211: black or African American, Miscellaneous Theft-3rd Degree, Theft of **Property Auto Theft** first, Domestic Violence by Strangulation or Suffocation,

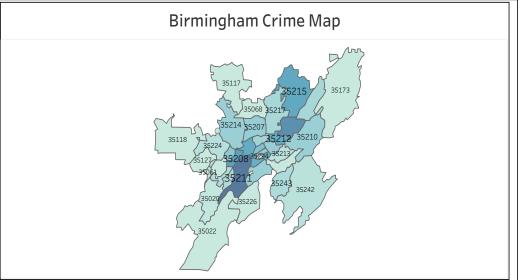
Birmingham Crime Map

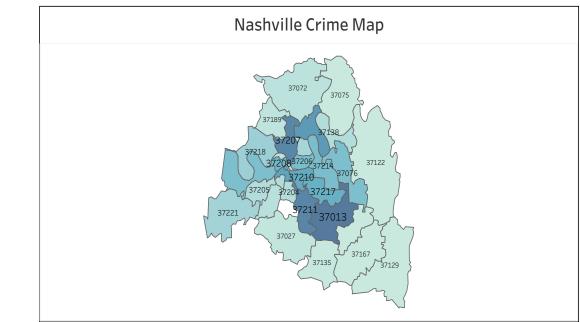


Map based on Longitude (generated) and Latitude (generated). Color shows count of Case Offense Statute Description. Size shows count of Case Offense Statute Description. The marks are labeled by Case Address Zip. Map coloring shows 2018 Household Size (average) by State. The view is filtered on Case

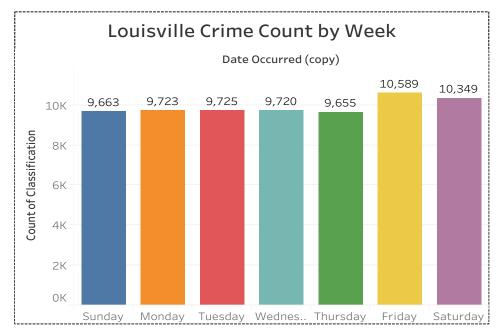
Crime Map

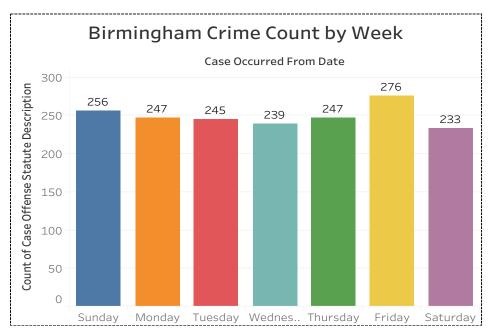


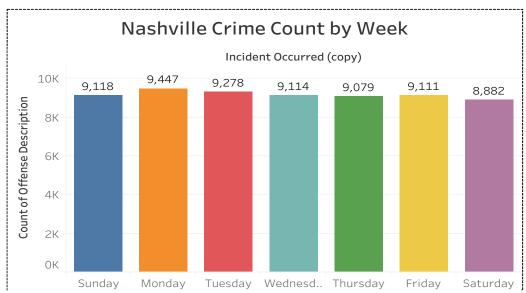




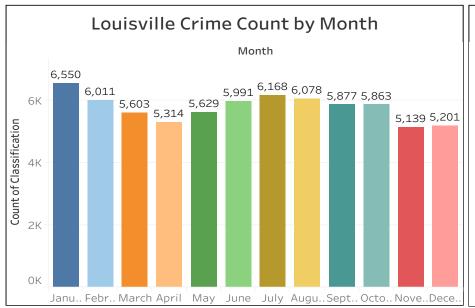
Crime Count Per Week

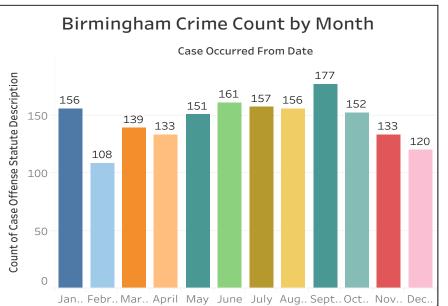


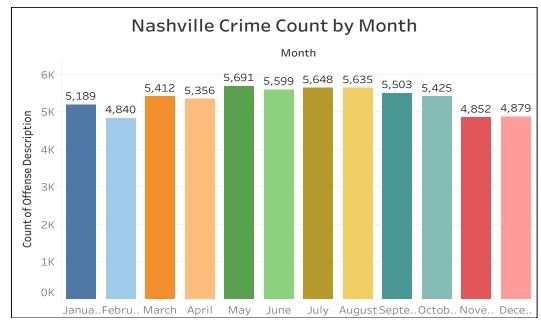




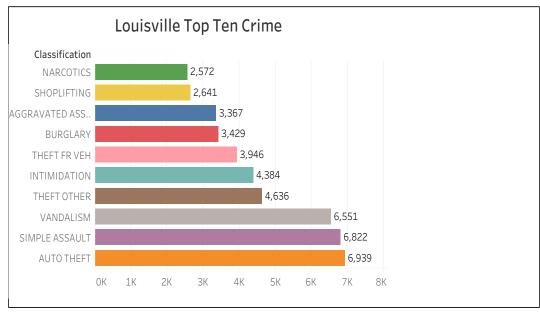
Crime By Month

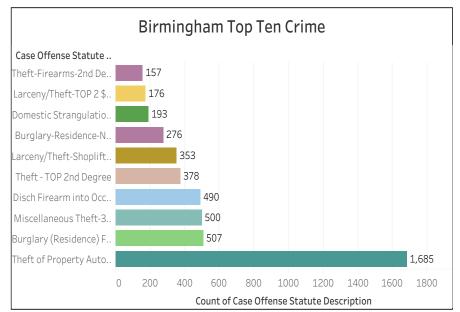


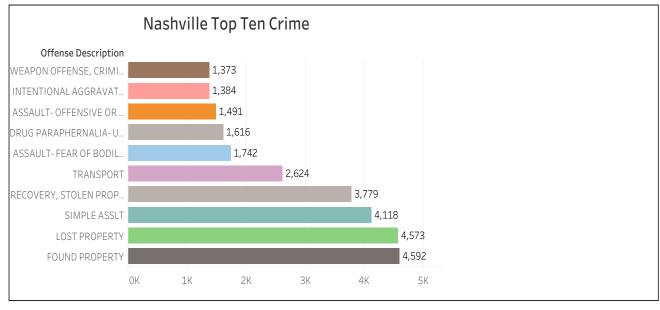




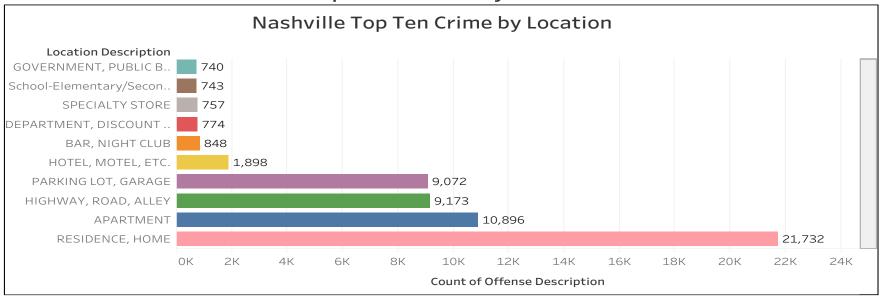
Top Ten Crime

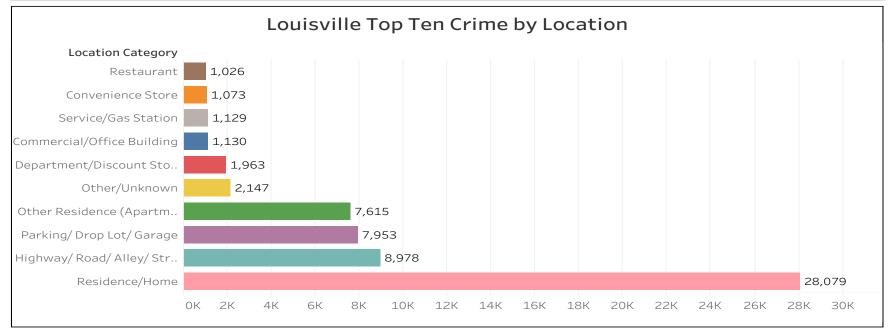






Top Ten Crime by Location





Conclusion and Recommendation?

