

---

**DRAFT PLAN FOR QUANTITATIVE DATA ANALYSIS**

---

**Step 1: Countywide Impact of Violence**

1. Provide analysis of rates of each type of violence at the county level including populations most impacted.
2. Provide context for the violence occurring in LA County. How does violence in LA County compare to violence elsewhere? (compare to similar sized counties, e.g., NYC, Chicago, Harris County TX, and/or Maricopa County AZ)
3. Describe gaps in information and data limitations in LA County that limit the analysis that's being done.

**Step 2: SPA Profiles**

1. Determine the rates of each type of violence within SPAs and categorize into high, medium, and low for each type.
  - Place SPAs in quartiles or using Standard Deviation to determine if they are more than a half or full standard deviation from the mean for the county.
2. Create a profile of the types of violence most impacting each SPA, relative to the County overall, including map of area and demographic information.
3. Identify communities within each SPA with the highest rates (i.e., zip code level).

**Step 3: Geographic Disparities and Trends**

1. Identify types of violence that have significant disparities by SPA, and those that lack geographic disparities and have countywide impact
2. Determine which type of violence are increasing or decreasing Countywide and by SPAs
3. Are changes in specific communities, populations, or other factors driving geographic disparities and/or changes over time?

**Step 4: Co-occurring Factors Driving Violence**

1. Provide analysis of rates of each co-occurring factor at the county level including populations most impacted.
2. Identify priority violence indicators and analyze relationship with co-occurring factors at the zip-code level.
3. Determine what co-occurring issues that are determinants of violence at the County level or SPA, or in high-risk communities. How are they changing over time?