

HOW YOU CAN CALCULATE THE NUMBERS FOR YOUR LOCAL AREA

- **To measure over-searching patterns across agencies (whether an agency is likely to use consent searches as a general tool at stops):**

We calculate general consent search patterns separately for each agency to determine how much more (or less) likely one agency is to engage in a general policy of consent searching all races compared to other agencies. Determining the agency-wide consent search rate is a one-step calculation: for each agency, divide the number of consent searches for each particular racial group into that racial group's number of stops.

- **To measure relative consent search rates (whether an agency is more or less likely to search Black or Latino drivers than Anglo drivers):**

We also calculate the relative consent search likelihood separately for each agency in order to determine how much more (or less) likely Blacks or Latinos were than Anglos to be consent searched following a traffic stop. Determining the consent search rate is a two-step calculation. First, for each agency, divide the number of consent searches for each particular racial group into that racial group's number of stops. Next, divide the resulting Black and Latino calculations (percentages) by the resulting Anglo calculation (percentage) to obtain the respective Black and Latino consent search rates.