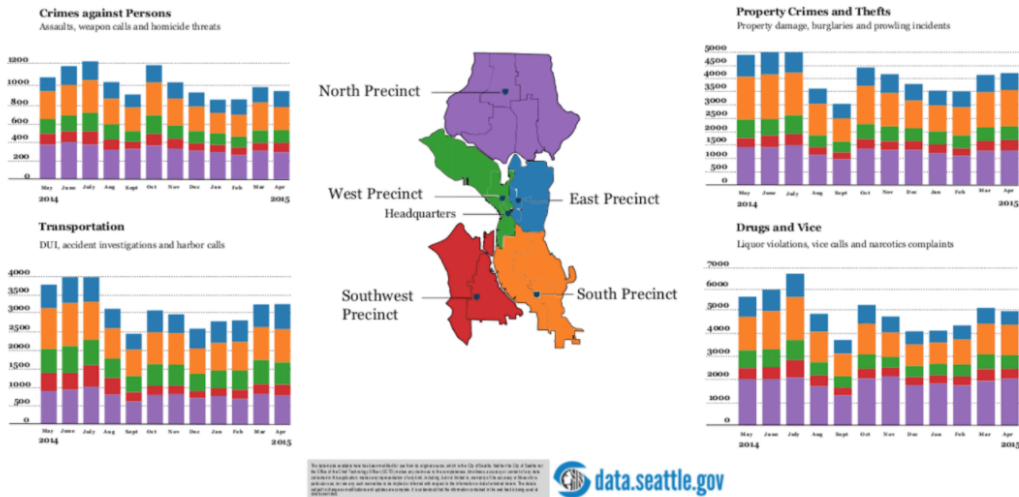


## KNOW YOUR PRECINCT- SEATTLE POLICE 911 CALLS

What crime types are happening in your precinct? Find your precinct color in the map and look for the corresponding color in the stacked bar charts. Different crime groups and the call volumes are plotted from May 2014 to April 2015.



Source: [https://visualizationdesign.wordpress.com/2015/06/02/spd\\_911/](https://visualizationdesign.wordpress.com/2015/06/02/spd_911/)

This is an image showing 911 calls in the Seattle area. In order to visually display the frequency of 911 calls in different areas, the author turned Seattle into 5 different areas: north precinct, west precinct, southwest precinct, east precinct and south precinct. In addition to that, the author divides 911 call into 4 different reasons according to different types of crimes: against person, transportation, property crimes and thefts and drugs and vice.

Based on the image, we can clearly see in all 4 of the charts, the north and south precinct are the most frequent areas for 911 calls. One reason could be the area is not evenly divided. According to the map, the purple area is significantly bigger than all the other areas. This also results in a higher population and density than other regions, while potentially increasing the number of 911 calls.

In addition to that, even though the west precinct only takes a small chunk of the map, it accounts for a large percentage of 911 calls caused by transportation. One of the reasons may be that the road sections in the west are more difficult to drive compared to other areas.

Also, even though the Southwest and the South take almost the same area on the map, the Southwest has the least 911 call frequency of all four 911 calls. Thus, we can assume that this area is relatively safe compared to other areas or this area has less population density compared to other places.