



SF Crime Data Project

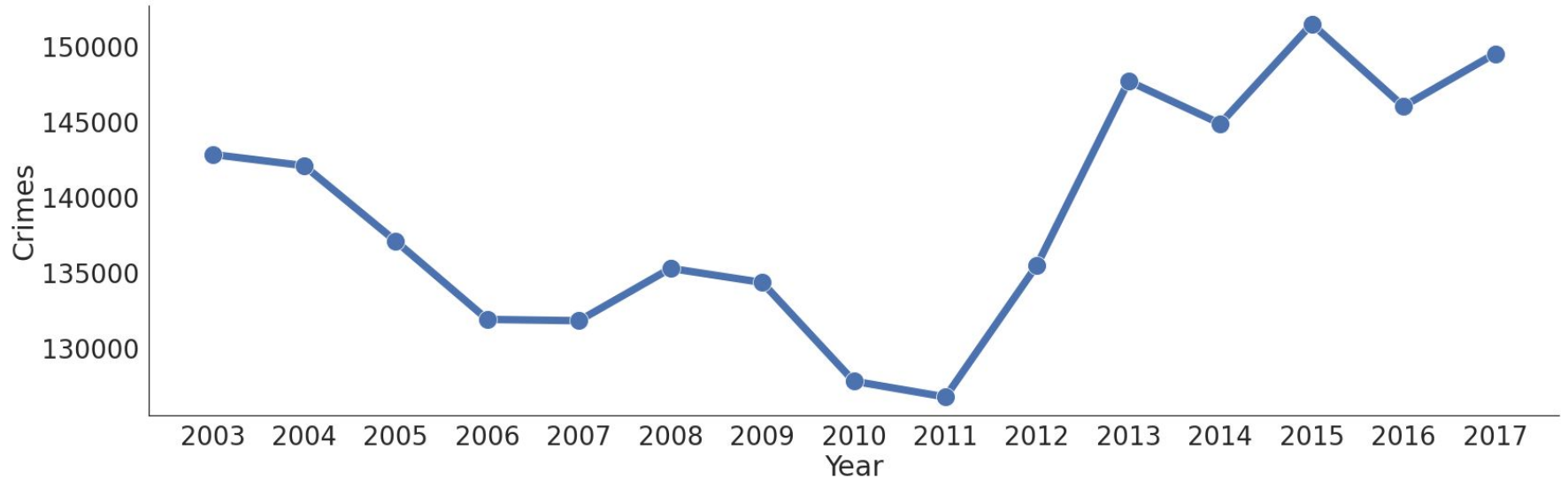
Group 6: Leeza Sergeeva, Ezana Kemmer,
Luis Rodriguez, Fernanda Nunes



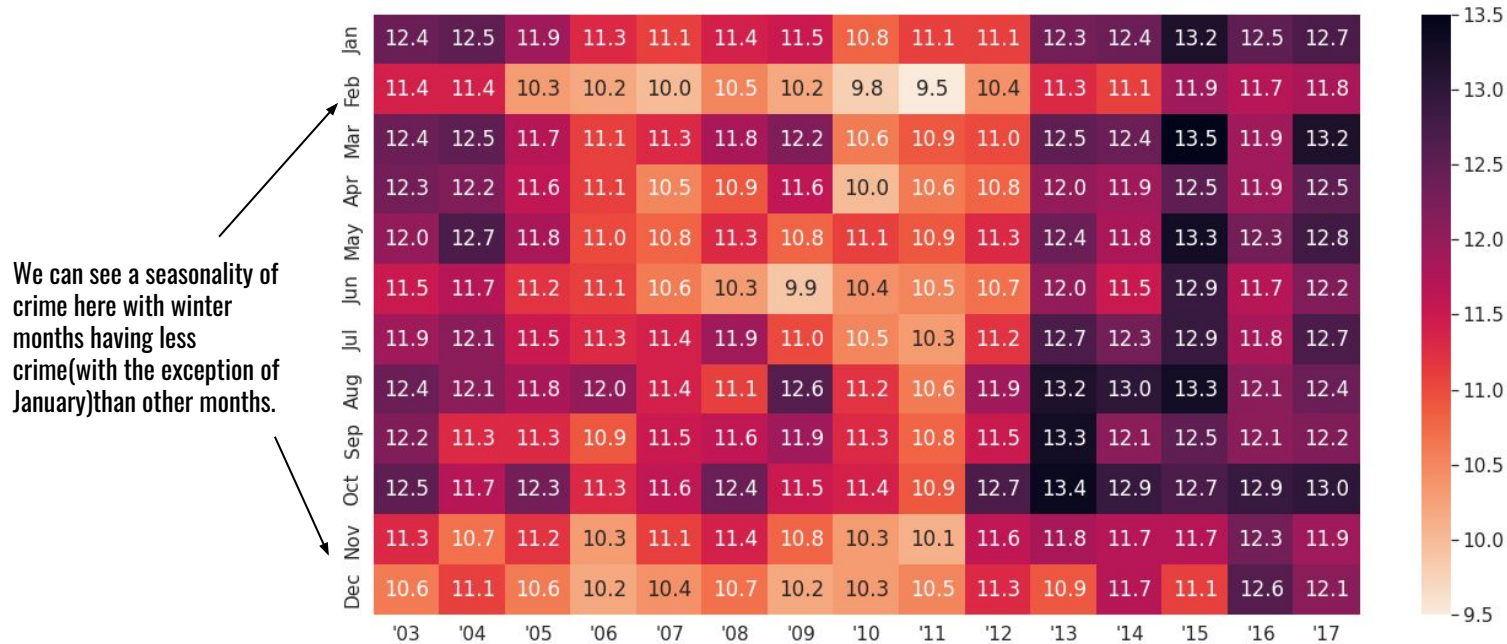
Introduction to Data

- Our data was collected from 2003-2018 and released by the SF police department as a part of it's open data initiative for greater transparency.
- However, we decided to cut off the data at 2018 as it was only recorded up until May of that year making the data set unbalanced.
- It consists of unique incident numbers, types of crimes, description of crimes, police districts, streets where crimes occur, time of crime, date of crime, resolution of crime, address, and location(in coordinates).

Crime Trend



Crime from 2003-2017 by Month



Reported Crimes

Least Reported Years

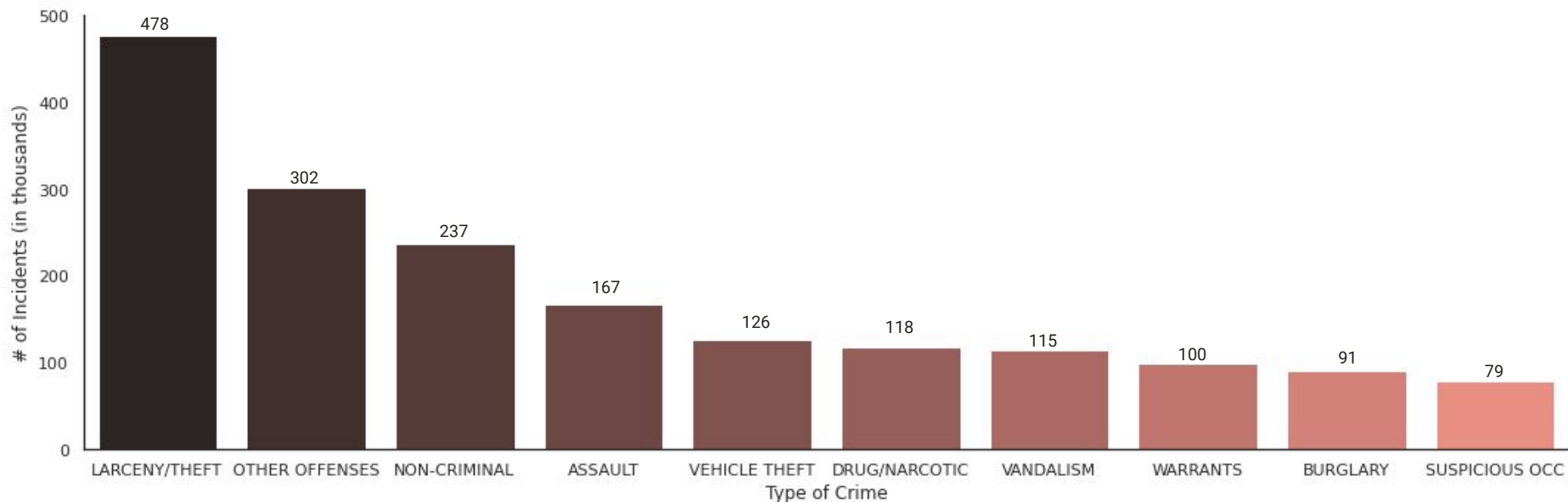
Year	Crimes	Crimes Per Day
2011	126713	347.158904
2010	127758	350.021918
2007	131771	361.016438
2006	131856	361.249315
2009	134309	367.969863

Most Reported Years

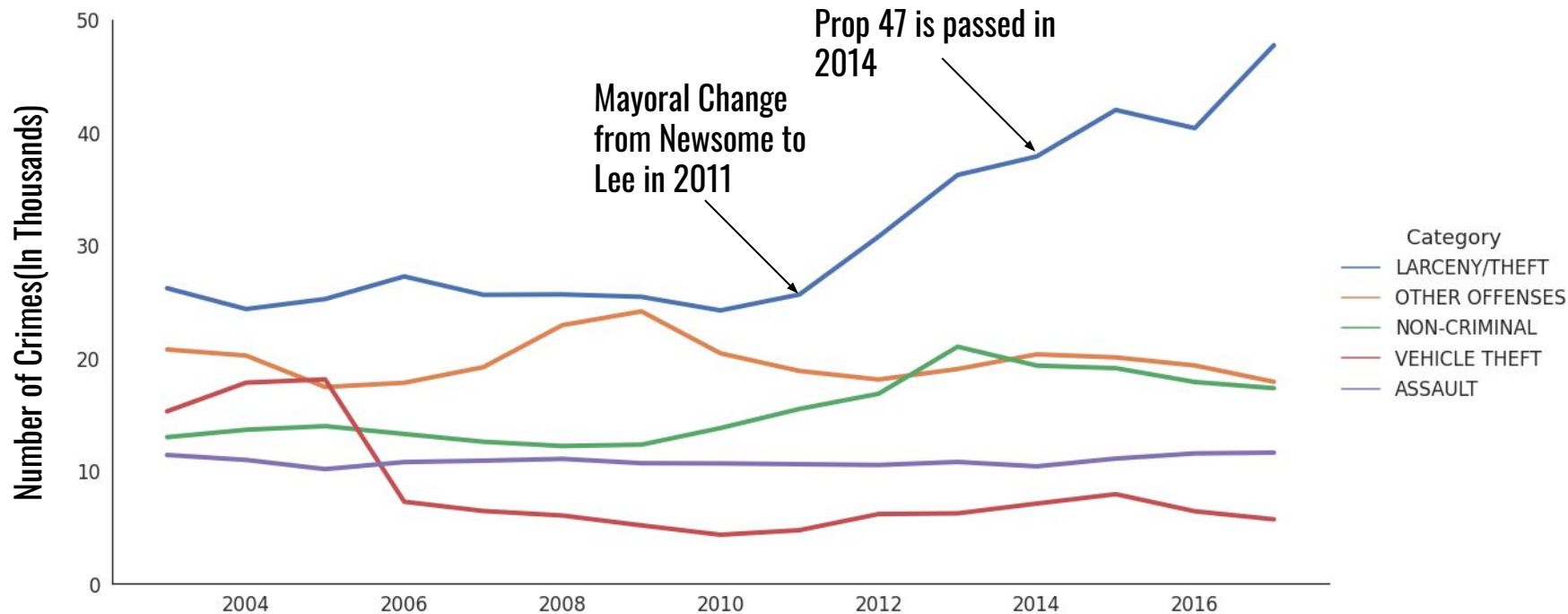
Year	Crimes	Crimes Per Day
2015	151459	414.956164
2017	149487	409.553425
2013	147664	404.558904
2016	145994	399.983562
2014	144844	396.832877

Most common types of crimes in SF from 2003-2017

Larceny/Theft is the category crime with the most incidents in San Francisco

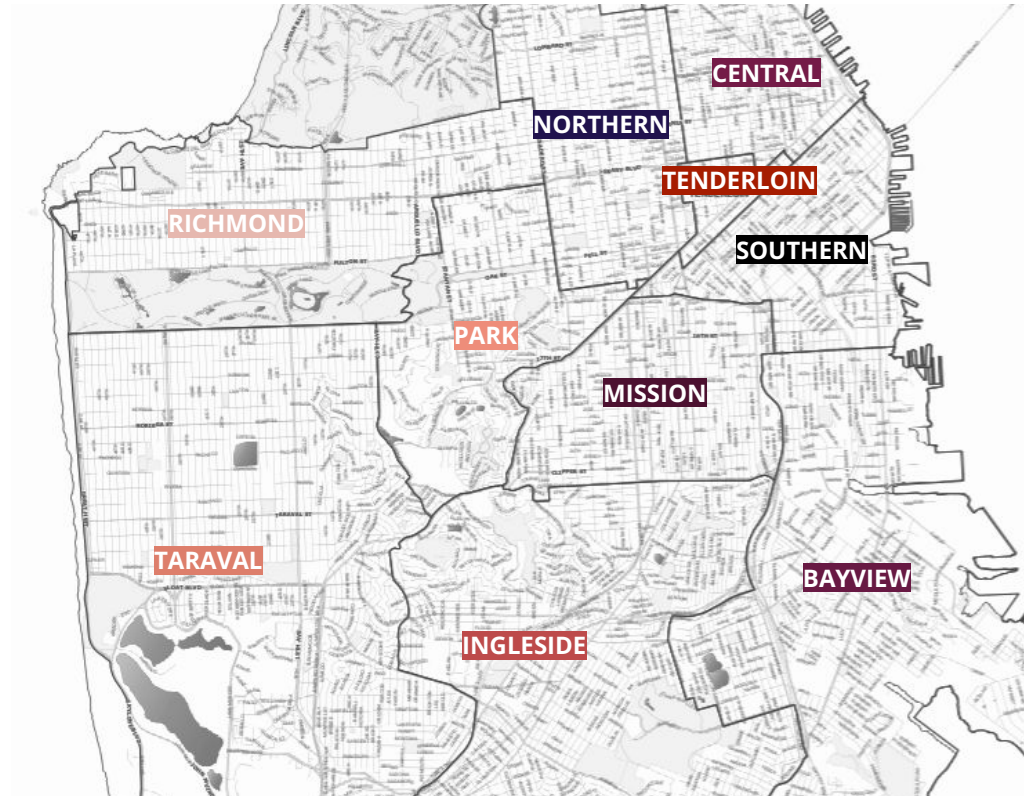
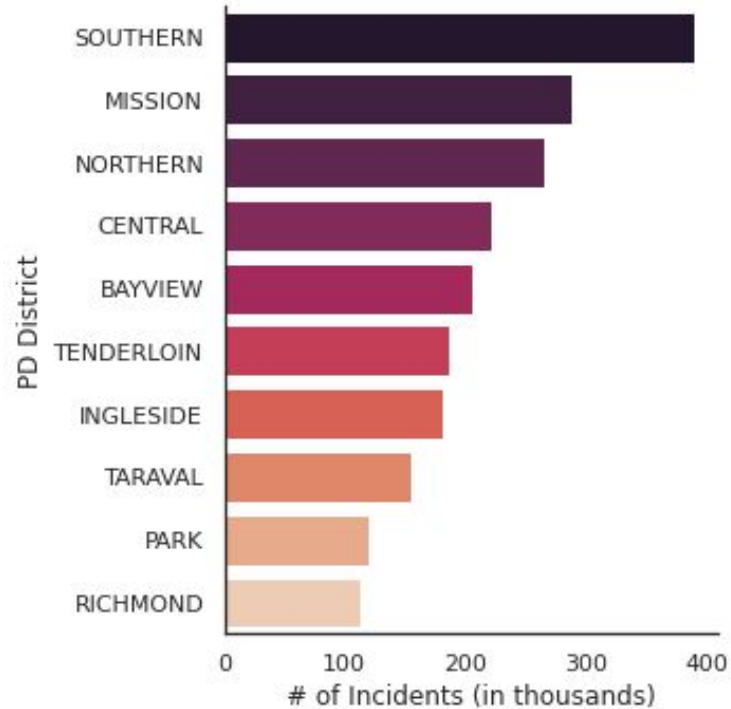


Top 5 Crimes in SF(2003-2017)



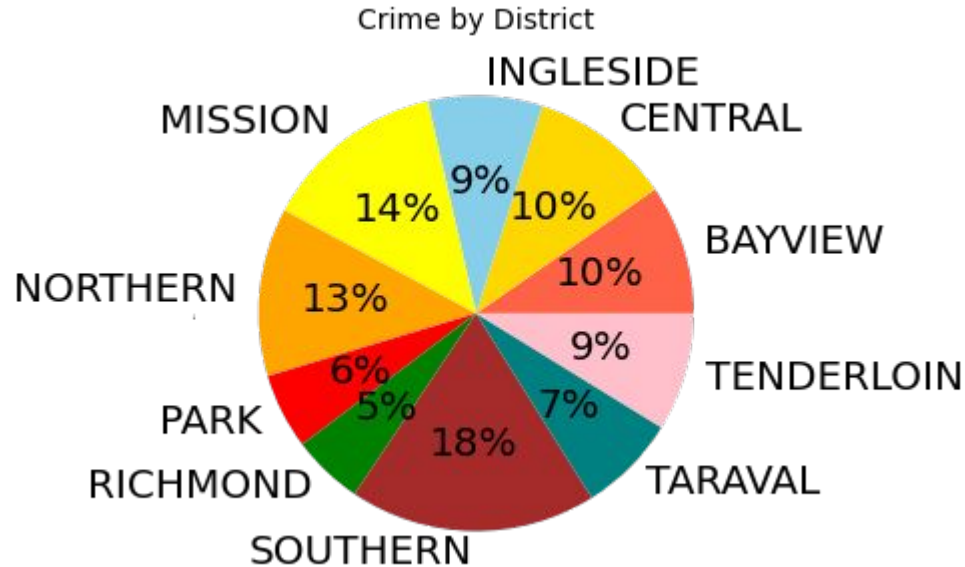
of Incidents by PD Districts

Top 10 Districts with the most incidents



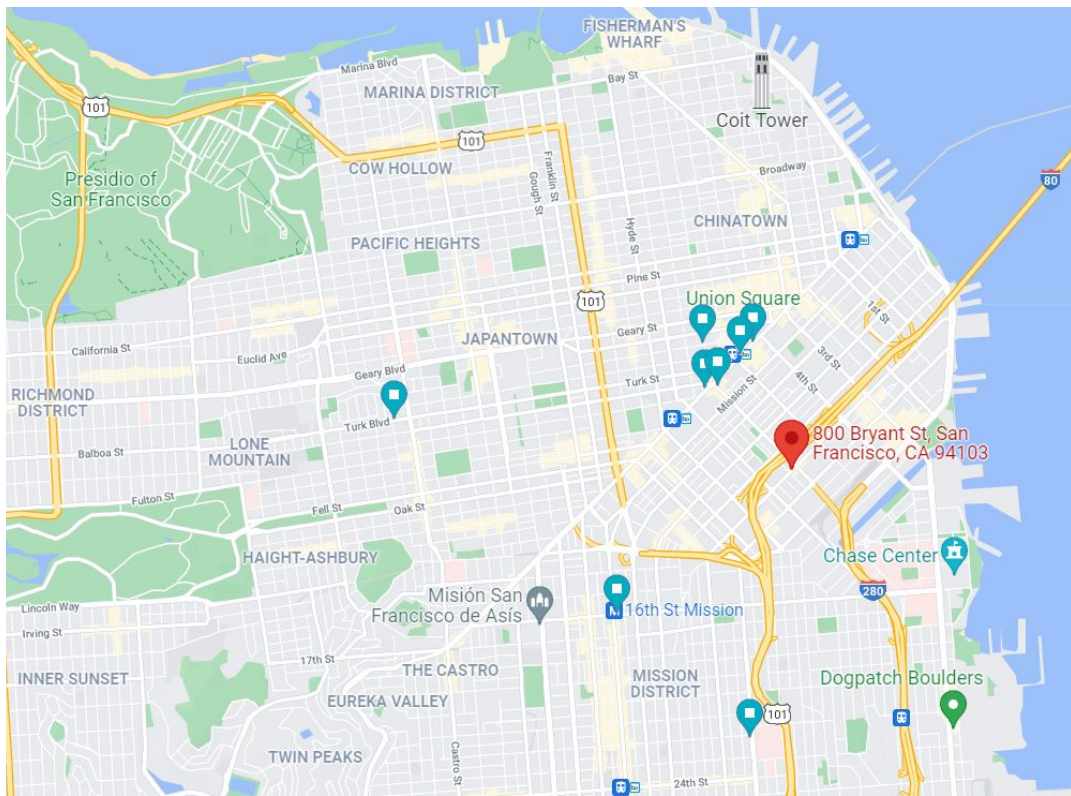
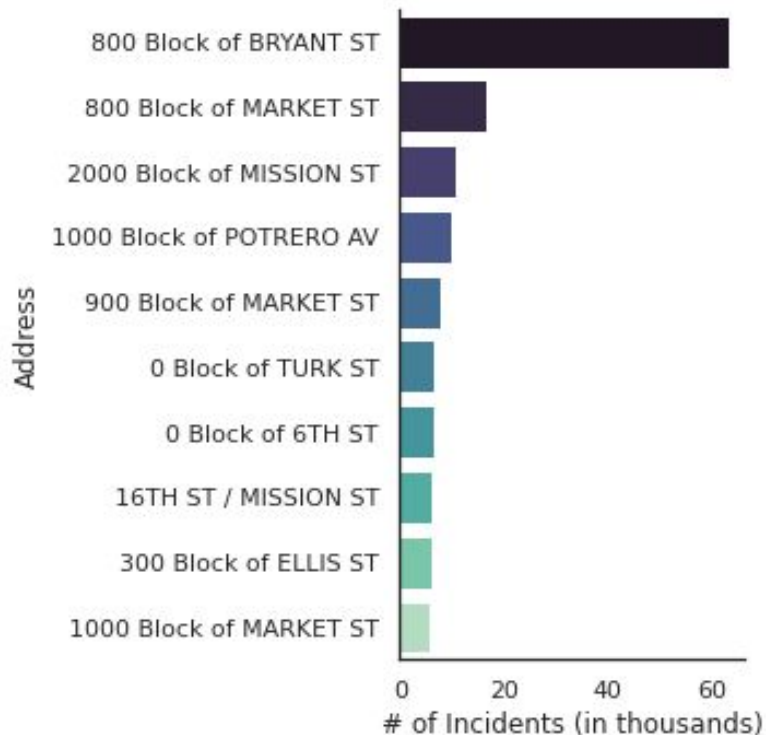
Source: sfgov.org

Breakdown by the District



of Incidents by Addresses

Top 10 Addresses with the most incidents



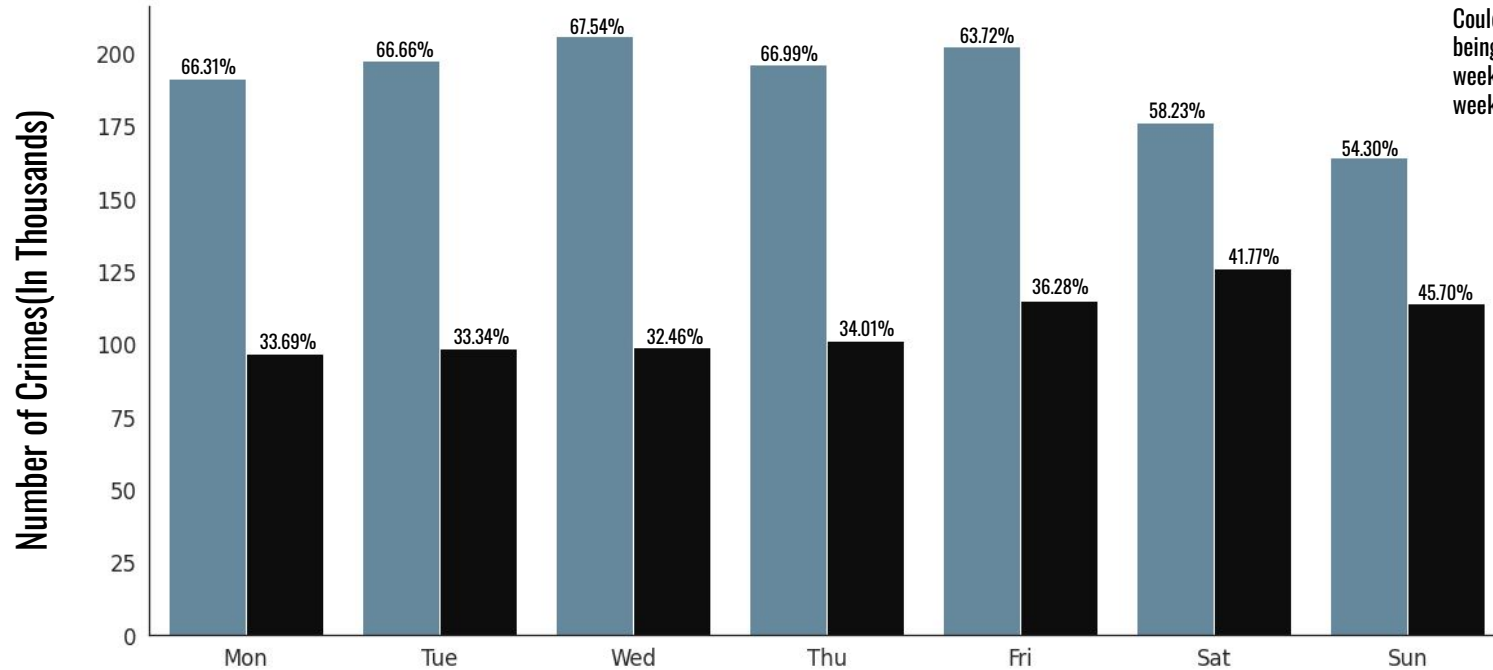
Source: <https://www.google.com/maps/@37.773264,-122.416137,13.06z>

Herein we define
daytime to be between
7:00 am - 7:00 pm

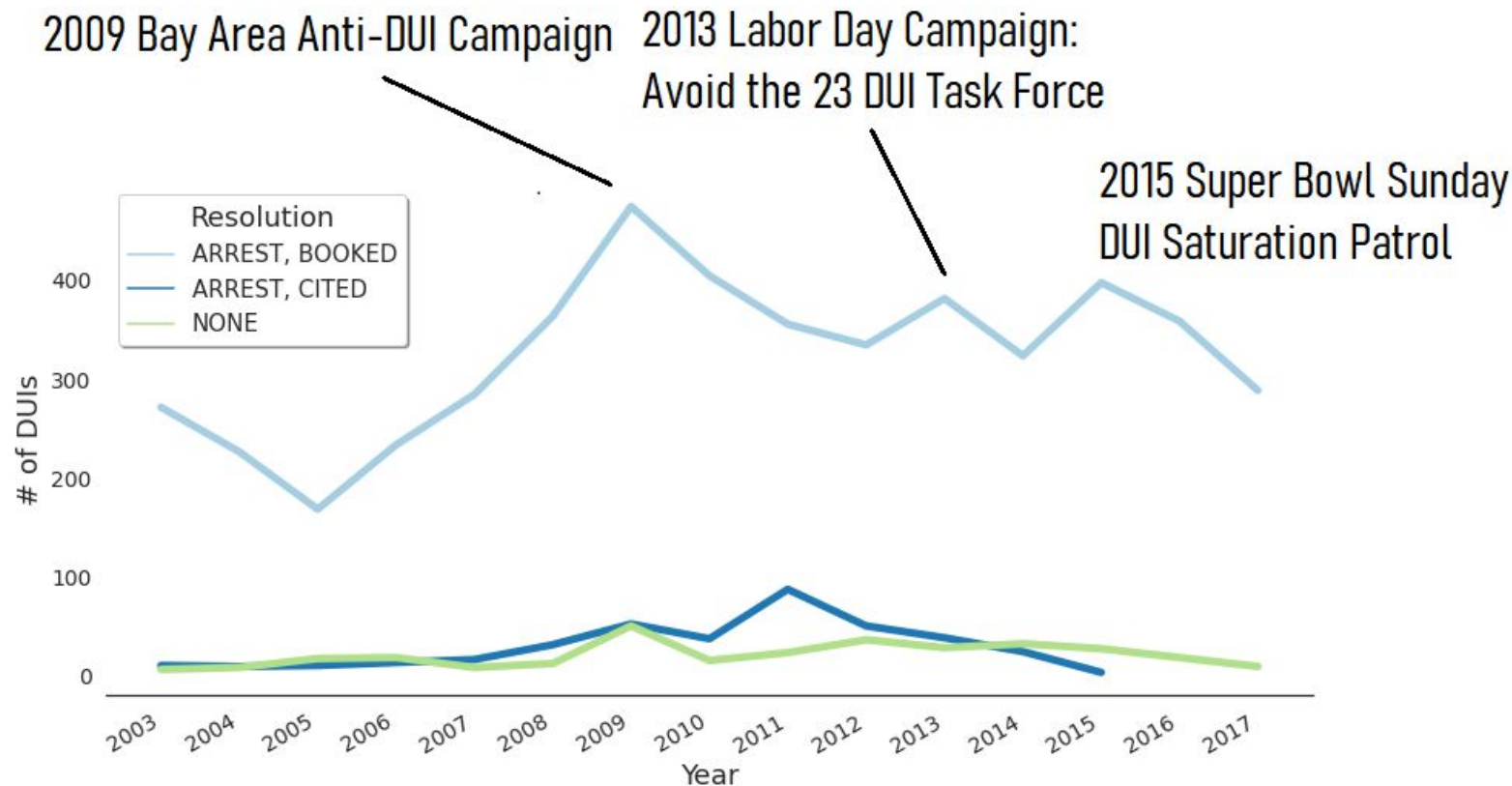
Crime by Time of Day

Notice how the percentage
differentials for weekend
day vs night are more
proportional than weekdays.
Especially for Saturday and
Sunday.

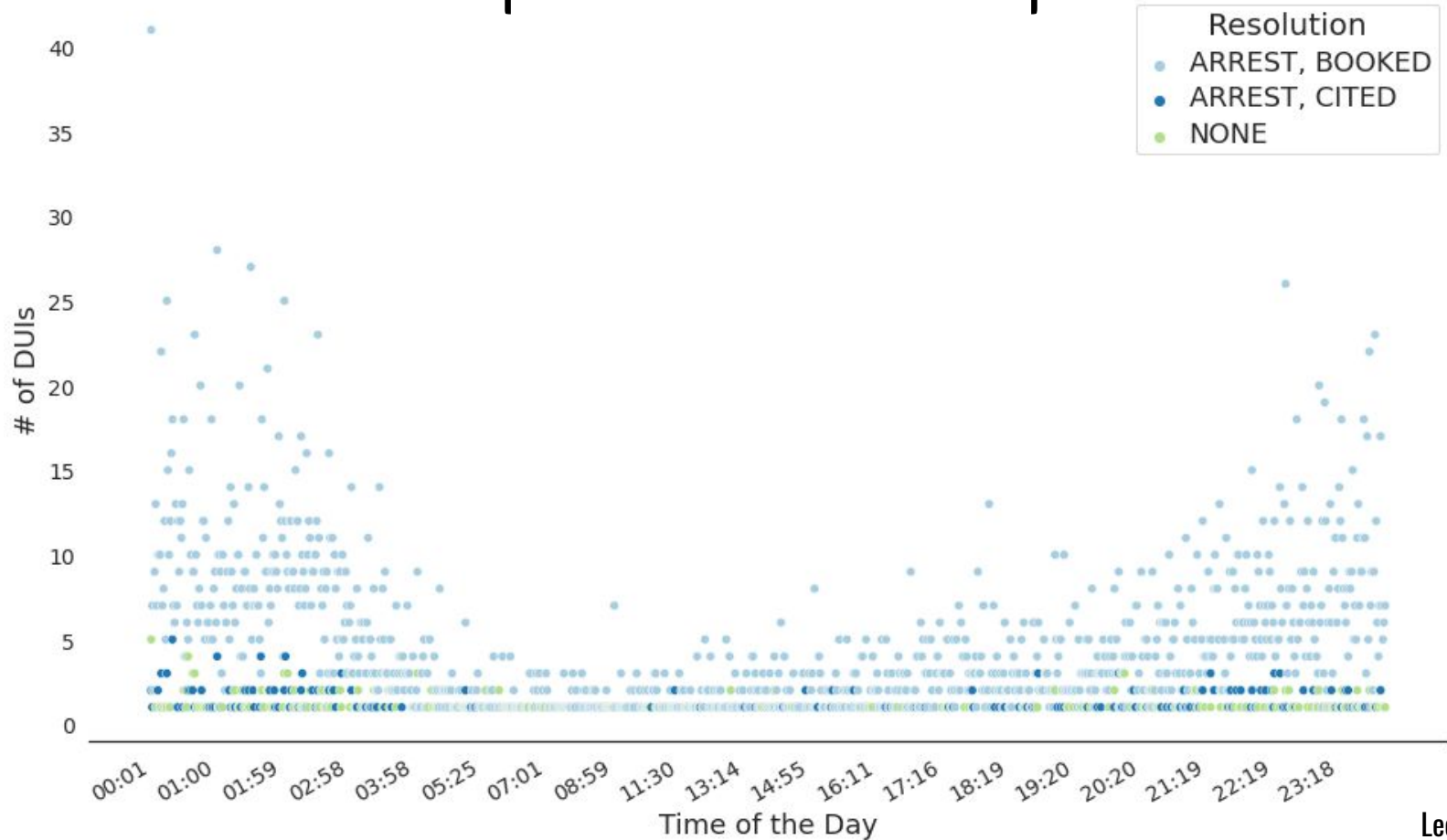
Could be due to more people
being out at night on the
weekend, than during the
weekday.



Number of DUI Cases and Resolutions Over Years



When People Get Arrested for DUI?



QUESTIONS?
