



Firearm Violence Prevention



Gun 'shootings' on the streets are becoming a problem amongst the youth in the USA.

That's why, the police department should set an example by using guns less, and only when they are strictly necessary.

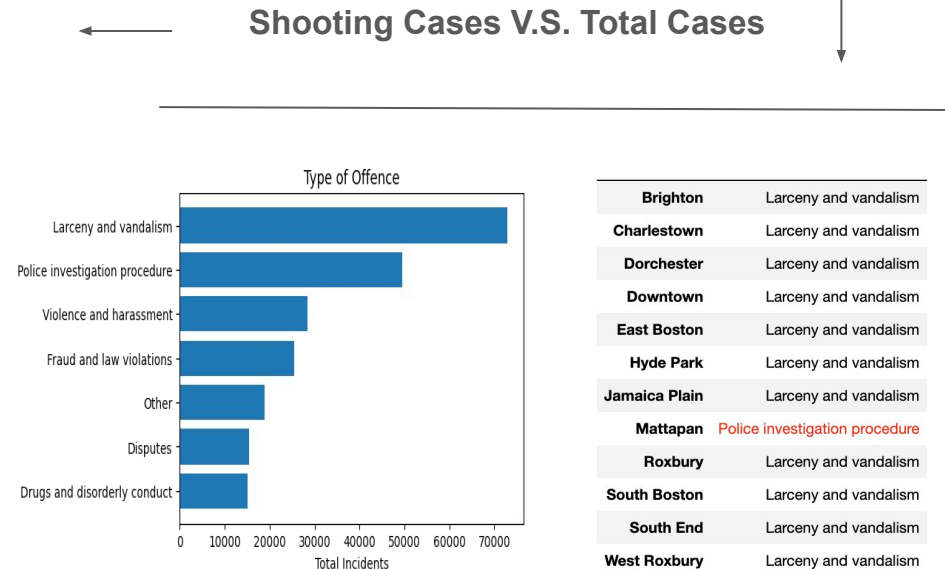
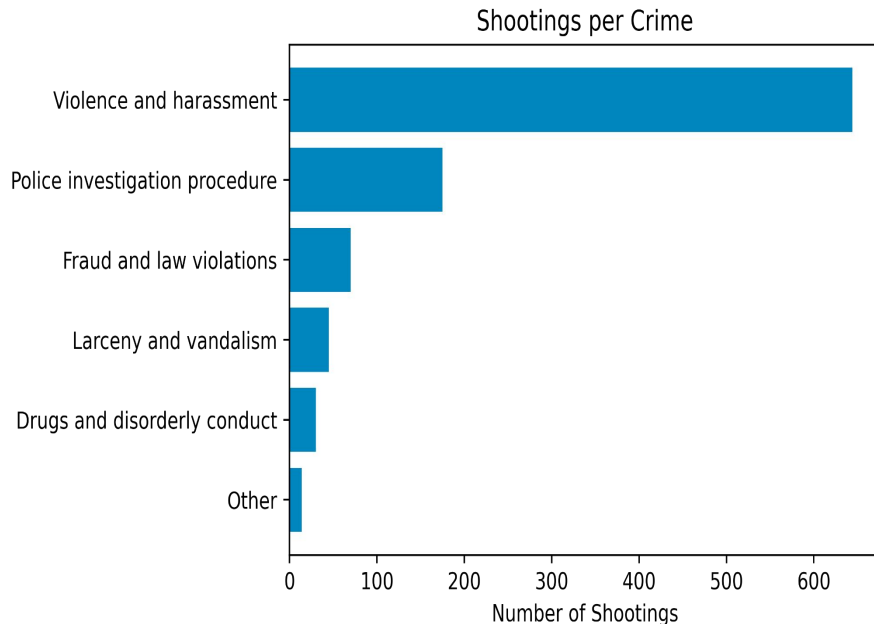
In order to avoid situations where guns would be needed, we studied the cases where shootings have occurred to prevent such situations from happening in the future.

Types of crime with the most firearm cases

Even though Larceny and Vandalism types of crimes are the most frequent, they are not the ones where firearms are used the most.

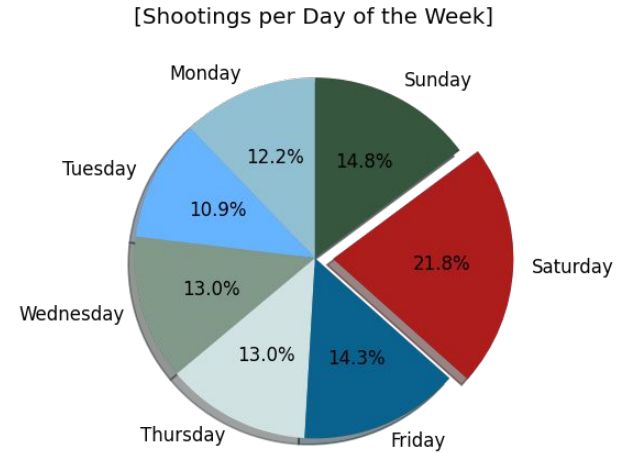
Among the cases where firearms have been used, we find that Violence and Harassment cases lead to the most shootings.

💡 Head Quarters need to consider this when they send a police patrol on this type of crimes.



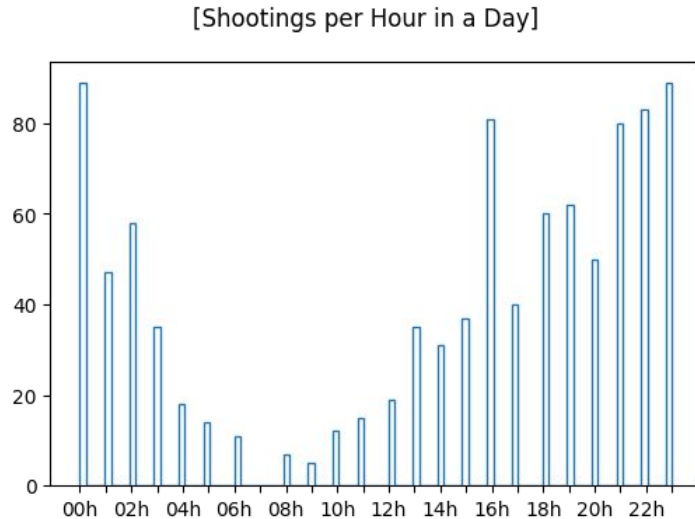
Brighton	Larceny and vandalism
Charlestown	Larceny and vandalism
Dorchester	Larceny and vandalism
Downtown	Larceny and vandalism
East Boston	Larceny and vandalism
Hyde Park	Larceny and vandalism
Jamaica Plain	Larceny and vandalism
Mattapan	Police investigation procedure
Roxbury	Larceny and vandalism
South Boston	Larceny and vandalism
South End	Larceny and vandalism
West Roxbury	Larceny and vandalism

According to the frequency of shootings by day of the week, Saturdays have a higher probability rate than other days.



Observing the hours of the shootings, we can see that there are more during the early night, with a spike at midnight

But fewer between 3 a.m. and 15 p.m.



Districts with the most shooting cases

The main districts where the efforts must be focused and resources must be mobilized :

Roxbury(B2)

Average Distance from Police Station :
1.465

Mattapan(B3)

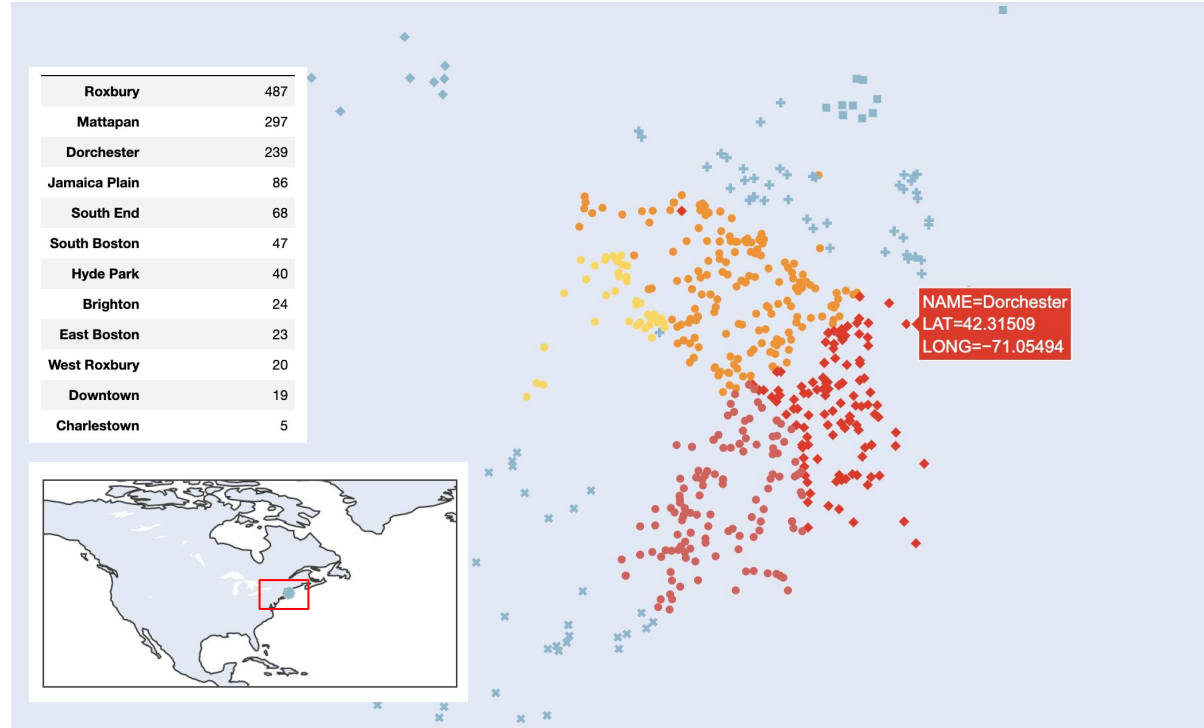
Average Distance from Police Station :
1.311

Dorchester(C11)

Average Distance from Police Station :
1.373

Jamaica Plain (E13)

Average Distance from Police Station :
1.263



Recommendations

By far the 'Violence and harassment' type of interventions are the ones where firearm usage has been shown. Therefore it would be wise for field officers to get back up in those types of interventions.

Data showed an hourly trend, showing that the most dangerous moment is a Saturday at midnight.

As most of these shootings occur in a specific area, officers should prioritize these zones when on patrol, as this will create a sense of "presence" from the police and prevent crime.

If the zone is difficult to access, officers can coordinate to have backups and work in teams.

A violent event can take place anytime, we gave the main trends but officers should always be prepared for a case where self-defense is needed.

Violence and harassment



Back Up

Midnight



Caution

More 

Difficult District



Teamwork

**ALWAYS
ALERT**

