

Crime Analysis

Area Slicer

- ☐ Select all
- ▶

☐ 0
- ▶

☐ 1
- ▶

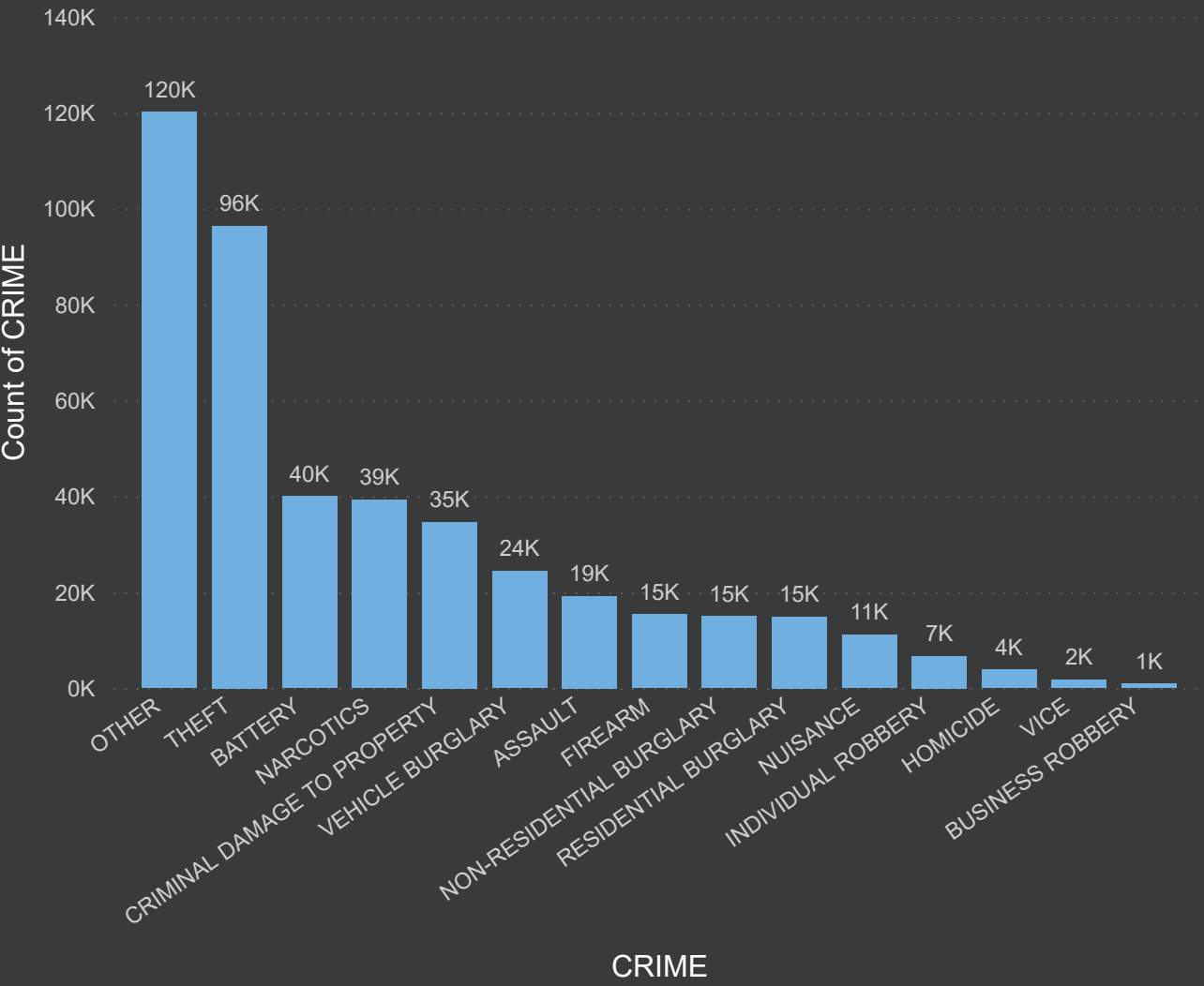
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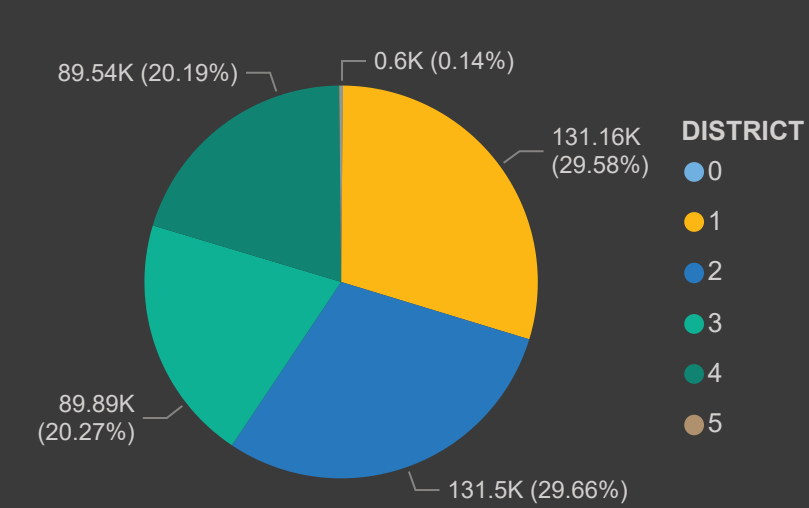
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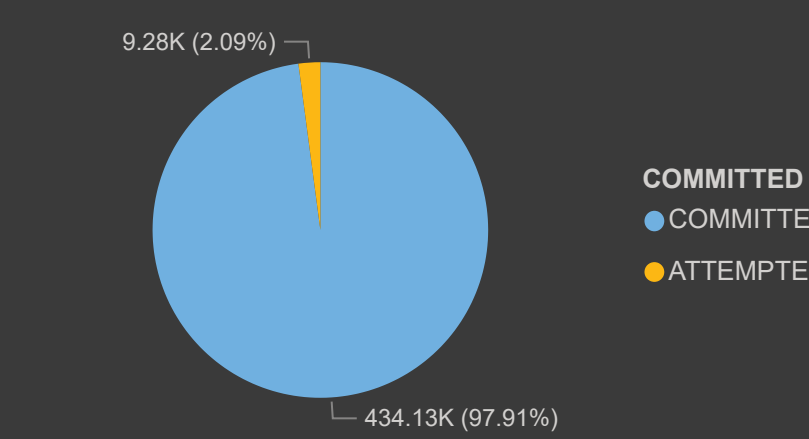
Categories of Crime



Crime by District



Crimes Committed vs Attempted



Observation

- We can see that the highest reports of crime are in the theft and battery categories.
- District 2 has the highest cases of crime followed by District 1, whereas District 5 has the lowest crime rate.
- 97.91% of the crimes are committed. Only a small percentage of crimes are attempts.

Crime Analysis

OFFENSE DATE

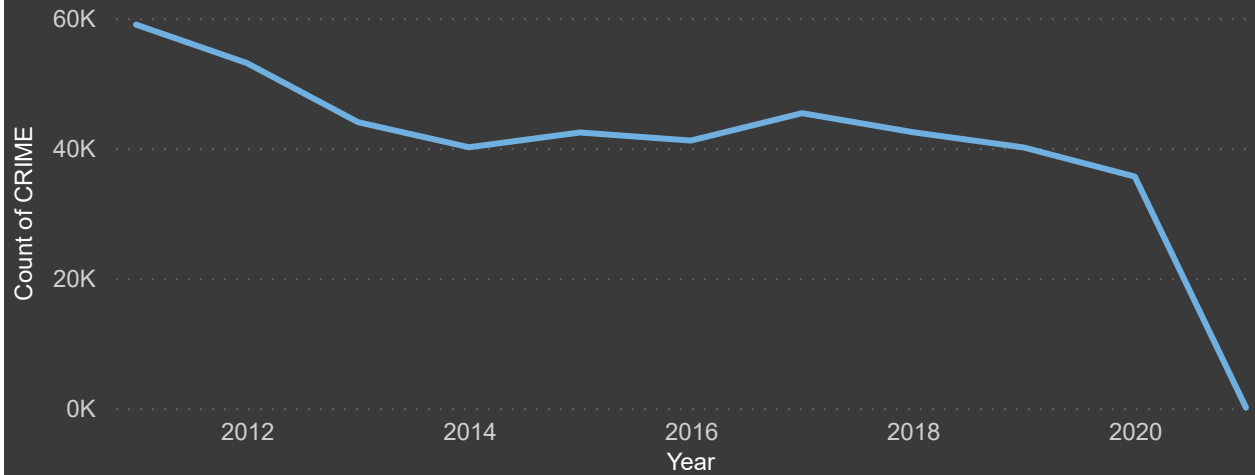
01-01-2011



06-01-2021



Crime by Year



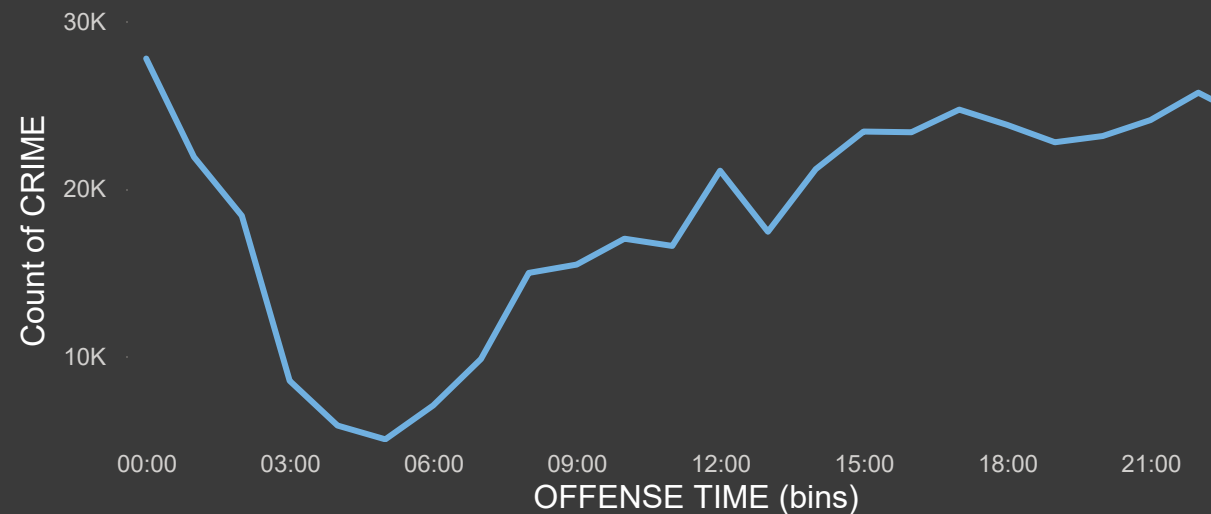
Observation

- We have crime data from 2011 to 2021.
- We can see a steady decline in crimes and a sharp drop in the year 2020.
- This implies that COVID restrictions and the lockdowns involved provided fewer opportunities for crimes to happen.

Observation

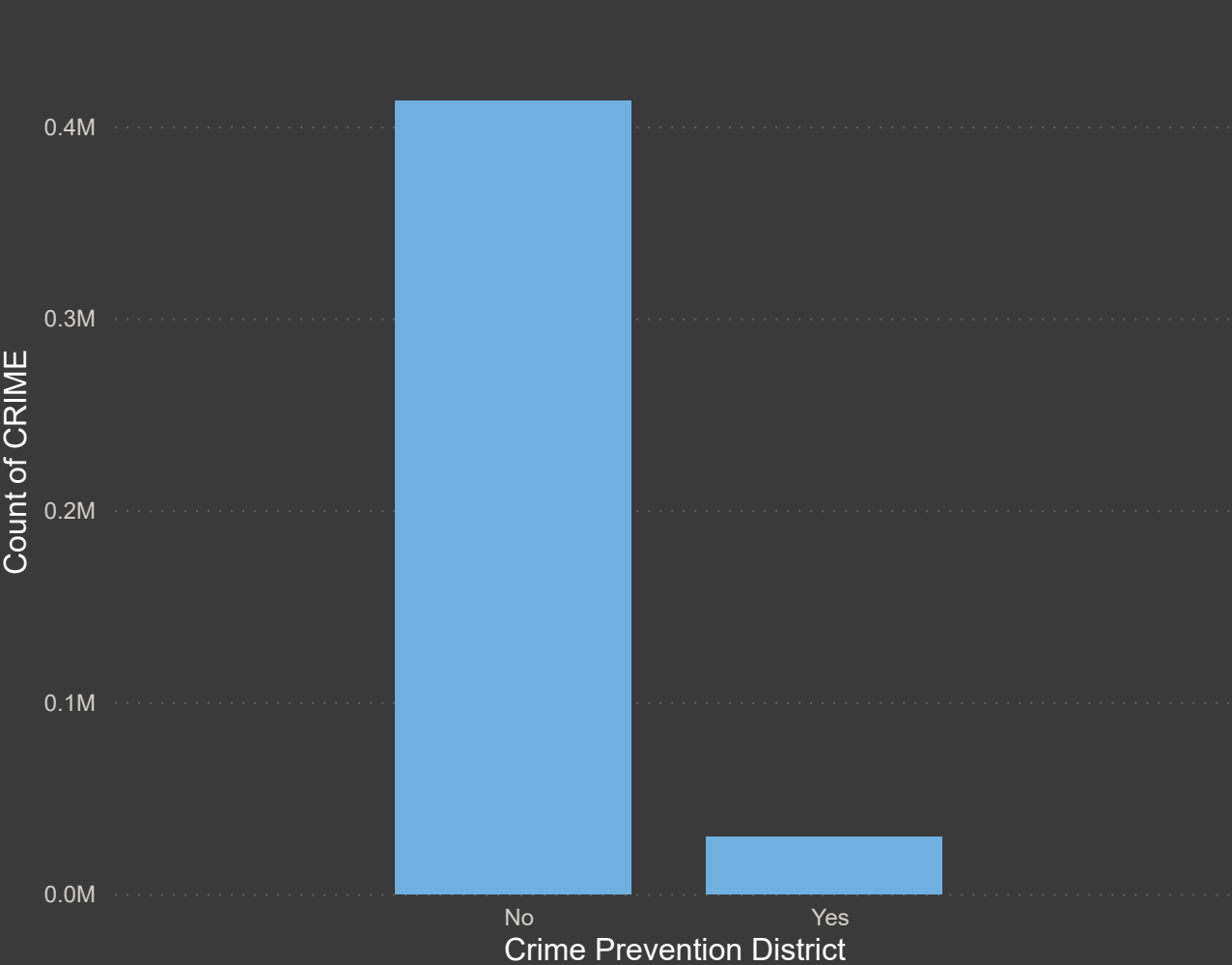
- Most crimes occurred at midnight (00:00), followed by 22:00 and 17:00.
- A sharp drop in incidents during 03:00 to 06:00.

24 Hour Crime Incidents

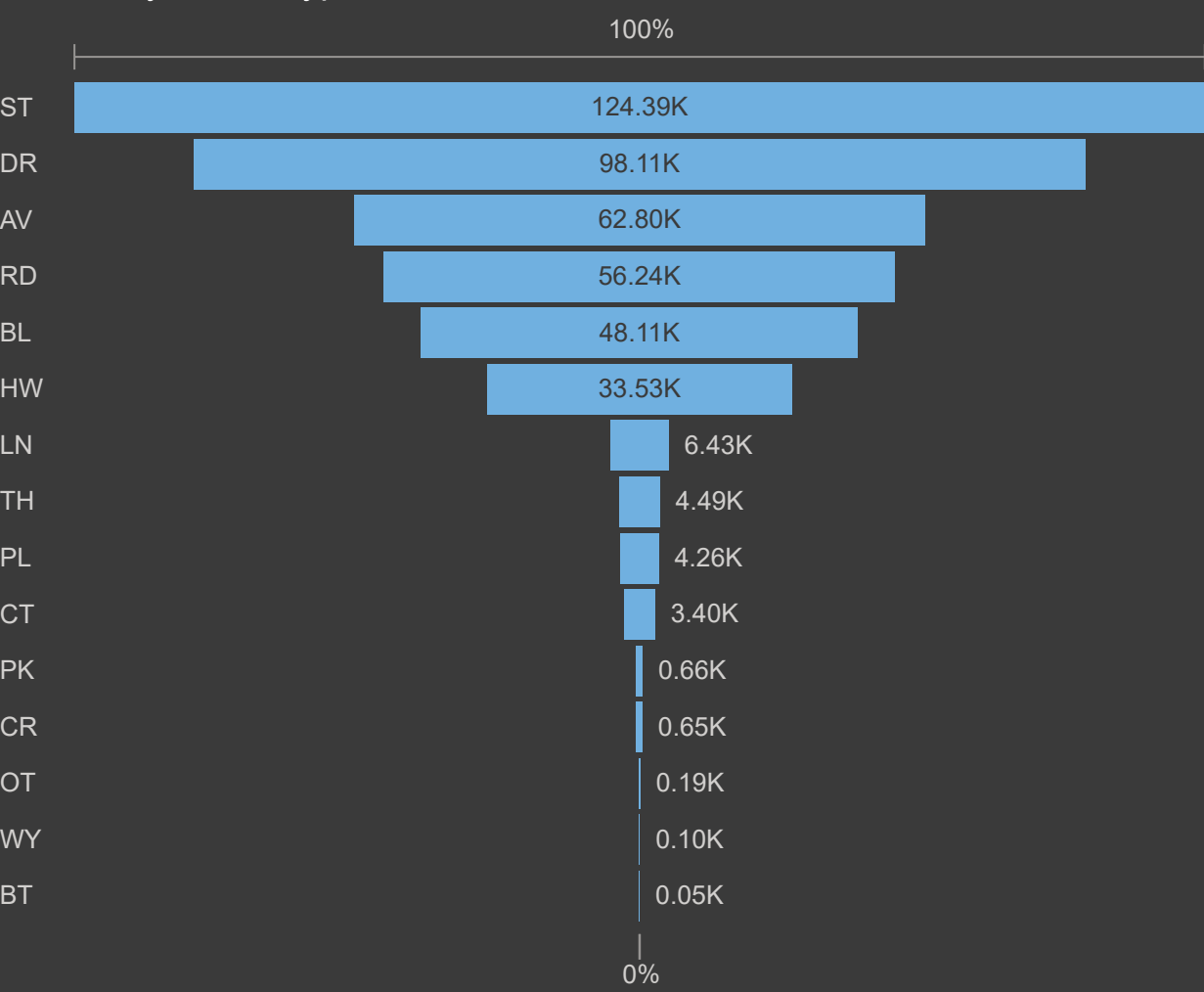


Crime Analysis

Crime Prevention Districts vs Non Crime Prevention Districts



Crimes by Street Type

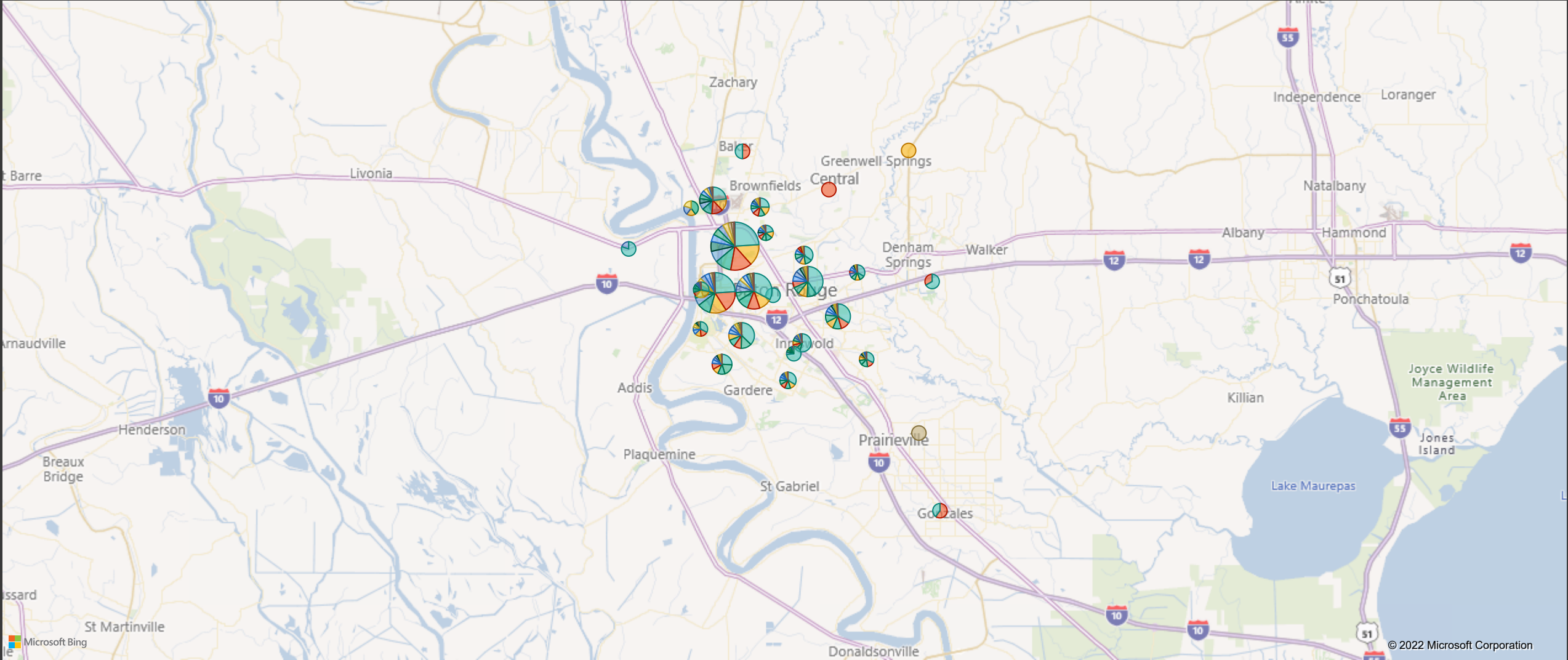


Observation

- We can see that most crimes are committed in non-crime prevention districts.
- Furthermore, we can see that the majority of crimes occur on ST (Street), DR (Drive), AV (Avenue), RD (Road), BL (Boulevard), and HW (Highway).

Crime Analysis

Crime Incidents in the Area



CRIME ASSAULT BATTERY BUSINESS CRIMINAL FIREARM HOMICIDE INDIVIDUAL NARCOTICS NON-RESIDENT NUISANCE RESIDENT THEFT VEHICLE VICE

Note

For the purposes of better visualization, a few data points have been filtered out.

Crime Analysis

Zone Slicer

Crime by Zone

- ☐ Select all
- ▶

☐ A
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☐ B
- ▶

☐ C
- ▶

☐ D
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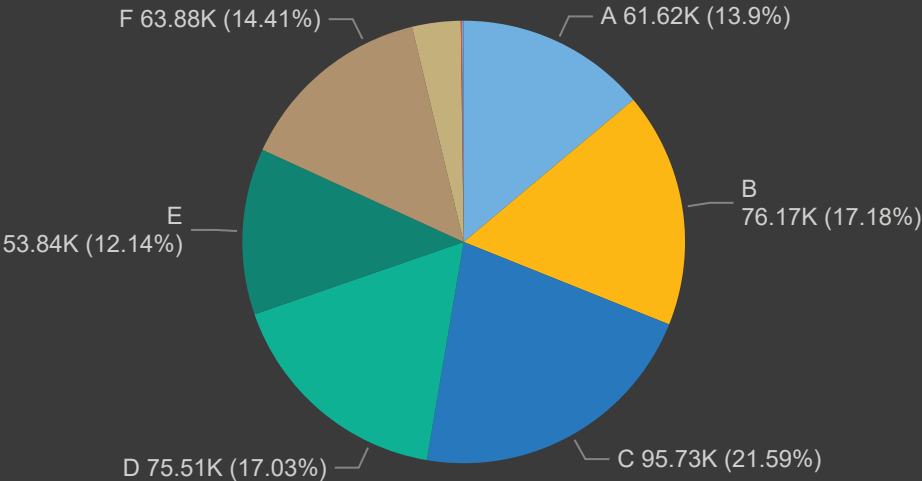
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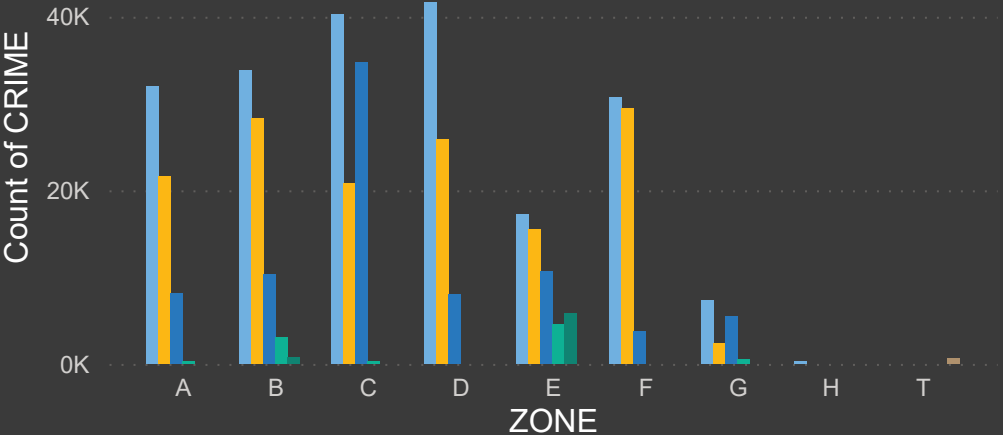
☐ T



- ZONE
- A
- B
- C
- D
- E
- F
- G
- H
- T

Crime by Subzone

SUBZONE 1 2 3 4 5 6



OFFENSE DATE	OFFENSE TIME	CRIME	OFFENSE	OFFENSE DESCRIPTION	FULL ADDRESS	ZIP CODE	ZONE	SUBZONE	DISTRICT	COMMITTED
01 January 2011	00:47:00	ASSAULT	14:35.3	DOMESTIC ABUSE BATTERY	3017 HURON ST	70805	B	2	1	COMMITTED
01 January 2011	00:47:00	ASSAULT	14:37.4/A	ASSAULT/ AGG FIREARM	3017 HURON ST	70805	B	2	1	COMMITTED
01 January 2011	00:47:00	ASSAULT	14:37/C	ASSAULT/ AGG ODW	3017 HURON ST	70805	B	2	1	COMMITTED
01 January 2011	08:45:00	ASSAULT	14:35.3	DOMESTIC ABUSE BATTERY	12052 PROVINCE PL	70816	E	5	3	COMMITTED
01 January 2011	17:57:00	ASSAULT	13:37	ASSAULT/AGG/CC	1566 HAVENWOOD DR	70815	E	4	3	COMMITTED
01 January 2011	18:24:00	ASSAULT	13:38	ASSAULT/SIMPLE/CC	10108 AVENUE G ST	70807	A	1	4	COMMITTED
01 January 2011	23:30:00	ASSAULT	13:37	ASSAULT/AGG/CC	4715 BENNINGTON AV	70808	B	3	2	COMMITTED
03 January 2011	15:34:00	ASSAULT	13:38	ASSAULT/SIMPLE/CC	5336 WINBOURNE AV	70805	C	3	1	COMMITTED
03 January 2011	15:34:00	ASSAULT	14:37.4/A	ASSAULT/ AGG FIREARM	5336 WINBOURNE AV	70805	C	3	1	COMMITTED
03 January 2011	15:34:00	ASSAULT	14:38	ASSAULT/SIMPLE	5336 WINBOURNE AV	70805	C	3	1	COMMITTED
03 January 2011	16:57:00	ASSAULT	13:38	ASSAULT/SIMPLE/CC	1616 N HARCO DR	70815	D	2	3	COMMITTED

Observation

- We can see that the crime rate is highest in Zone C, followed by Zone B and Zone D.
- We also notice that within these zones, Subzone 1 has the highest crime rate across most zones.

Crime Analysis

Report

The highest crime rates were reported in the Theft and Battery categories followed by Narcotics and Property Damage. District 2 and District 1 are the crime hotspots, followed by District 1 and District 4.

- The department will have to strategize on how to decrease crime in the aforementioned categories and districts.
- This may include more police offices, more patrols, setting up tips and helplines, community initiatives, etc.

There has been a steady decline in crime rates from the years 2011 to 2014, with a slight uptick till 2017 and a steep decline till 2021.

- The steep decline can be attributed to COVID restrictions and the lockdowns involved.

Most crimes are committed at midnight (00:00) followed by 22:00 and 17:00, with a sharp drop during 03:00 to 06:00.

- The department will have to strategize to have more patrols during these peak hours.
- The hours can be adjusted to have more police on duty during the peak hours compared to the non peak hours.

Crime Prevention Districts

- There is a significant difference in crime rates between districts with crime prevention programmes and those without.
- The model needs to be replicated across all districts.

Most crimes are committed on ST (Street), DR (Drive), AV (Avenue), RD (Road), BL (Boulevard), and HW (Highway).

- These hotspots need added security like road blocks, checkpoints or CCTV cameras.

Zone C has the highest crime rate, followed by Zone B, Zone D. Further Subzone 1 is in the lead across all Zones.

- The department needs to prioritize the aforementioned Zones and the Subzone within as Crime is prevalent.