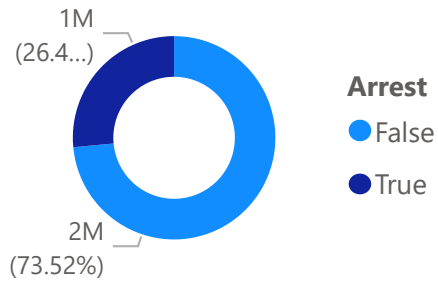
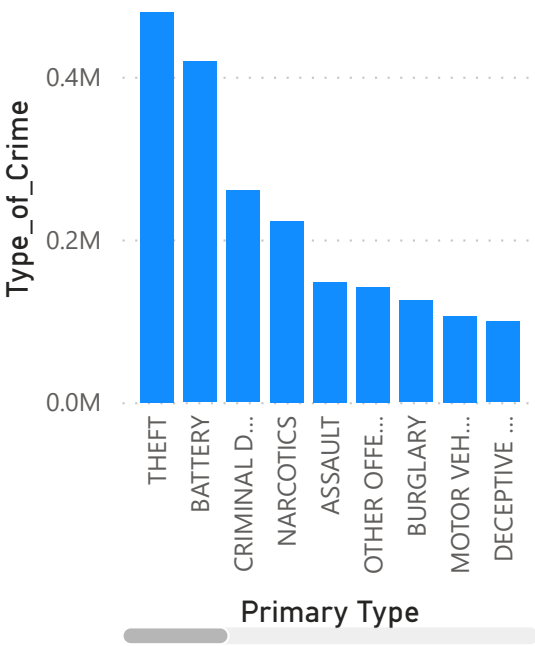


UNIVARIATE  
ANALYSIS

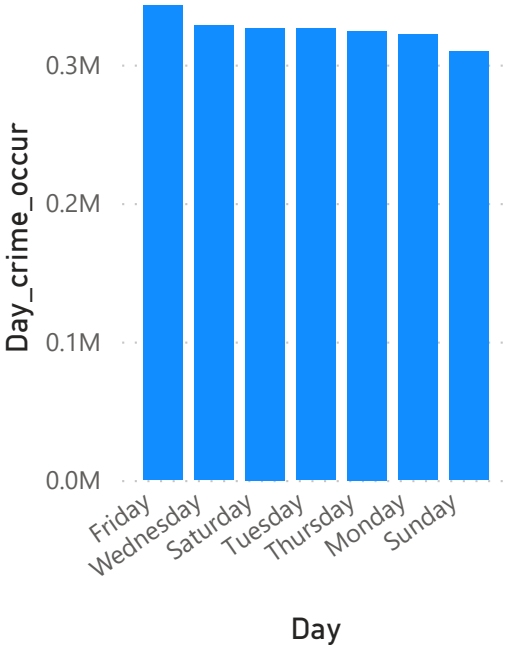
Count\_Of\_Arrest by Arrest



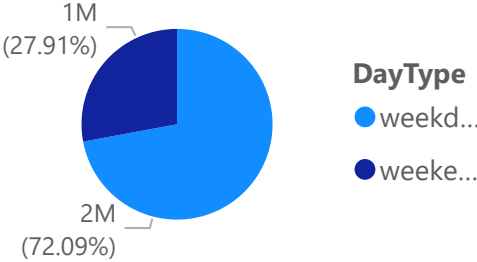
Type\_of\_Crime by Primary Type



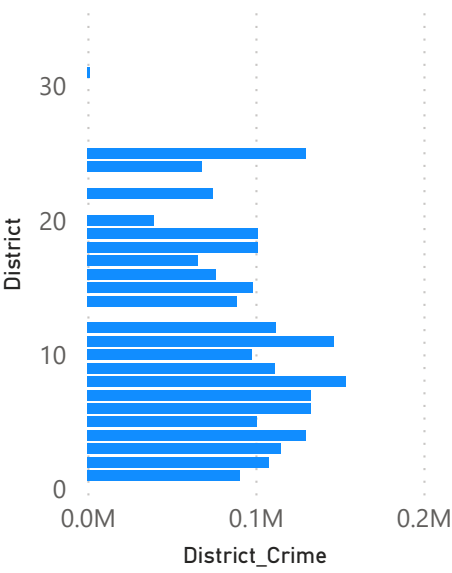
Day\_crime\_occur by Day



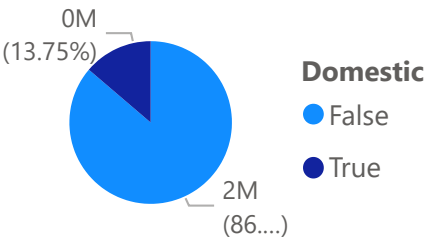
Type\_of\_day\_Crime\_Occur by DayType



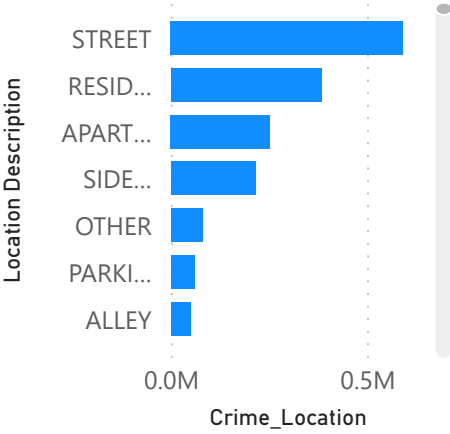
District\_Crime by District



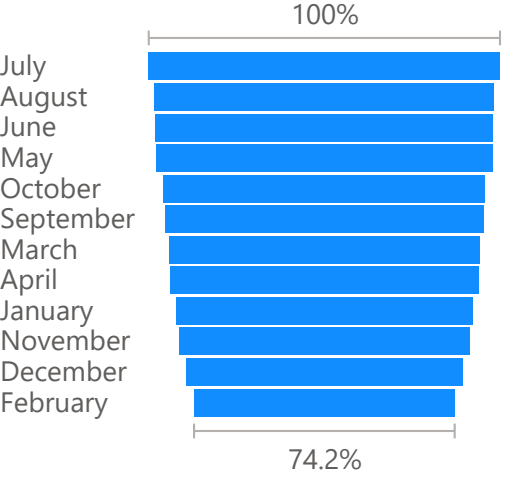
Domestic\_Or\_Not by Domestic



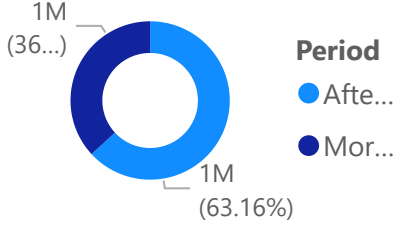
Crime\_Location by Location Description



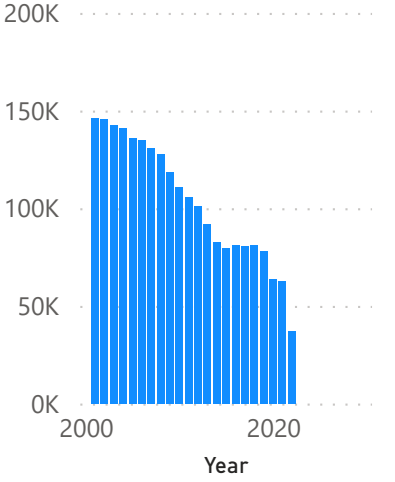
Month\_Crime\_Occur by Month



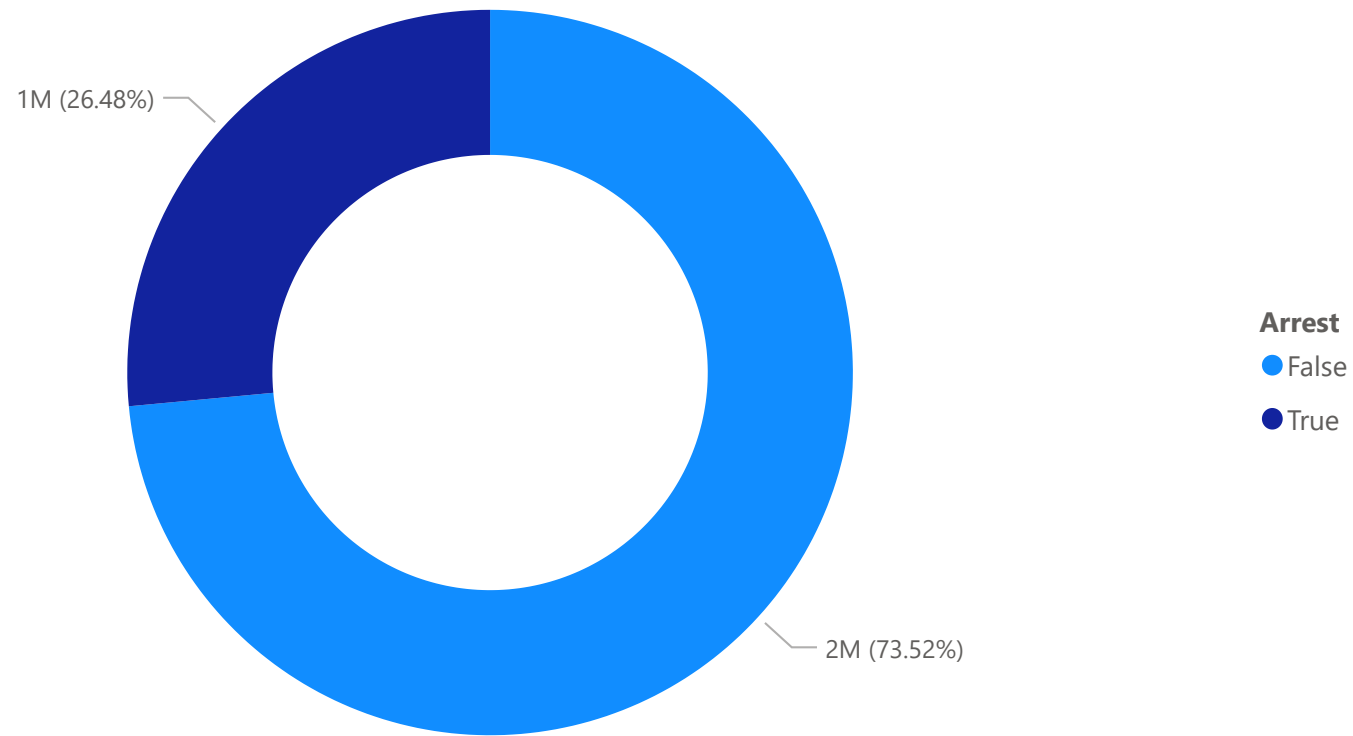
Period\_Crime\_Occur by Period



Years by Year



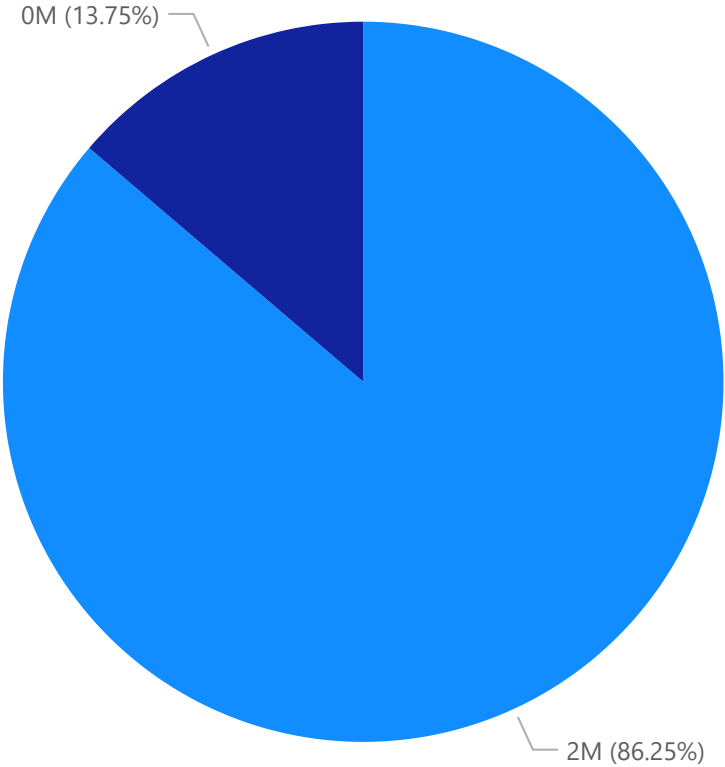
## Count\_Of\_Arrest by Arrest



Count\_Of\_Arrest for False (1675252) was higher than True (603474).

False accounted for 73.52% of Count\_Of\_Arrest.

Domestic\_Or\_Not by Domestic

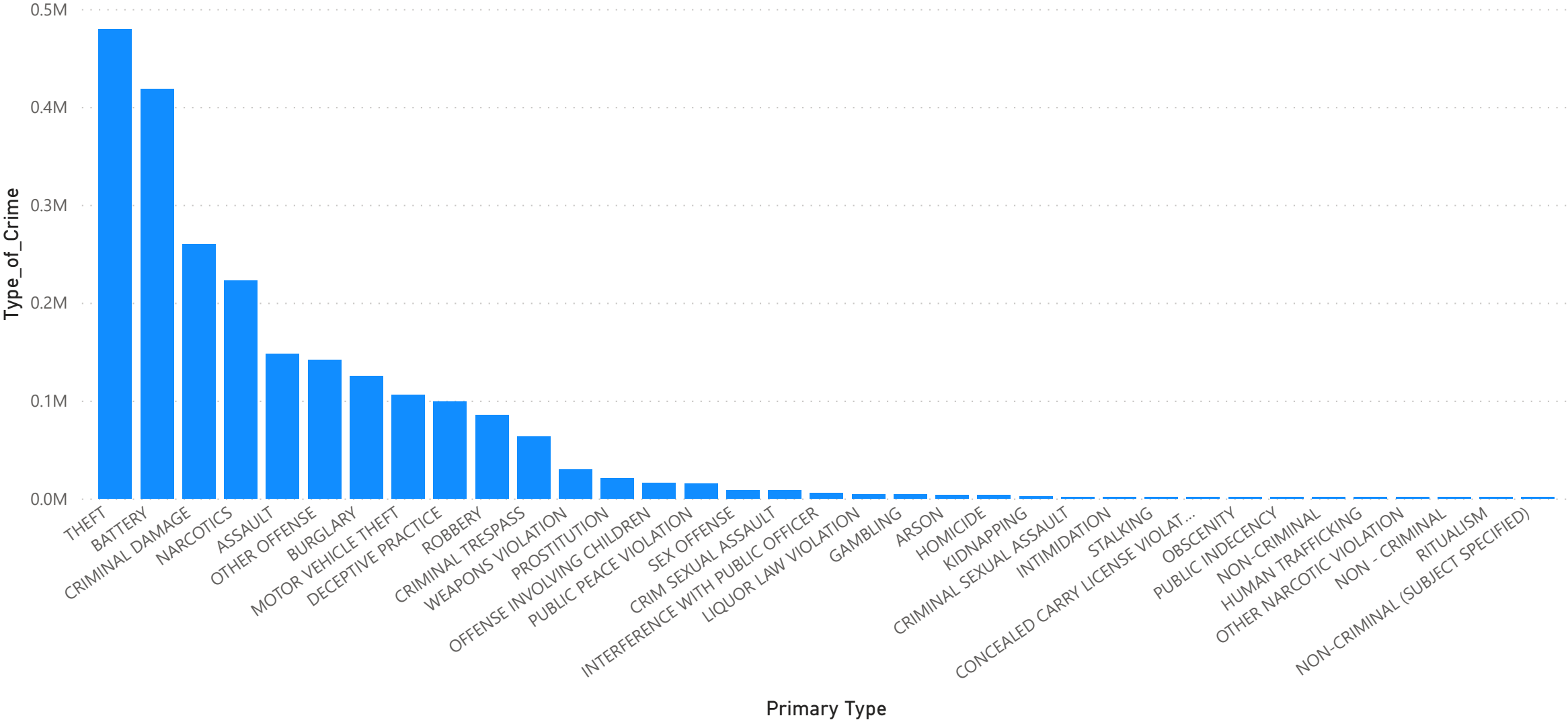


Domestic

- False
- True

Domestic\_Or\_Not for False (1965311) was higher than True (313415).  
False accounted for 86.25% of Domestic\_Or\_Not.

Type\_of\_Crime by Primary Type

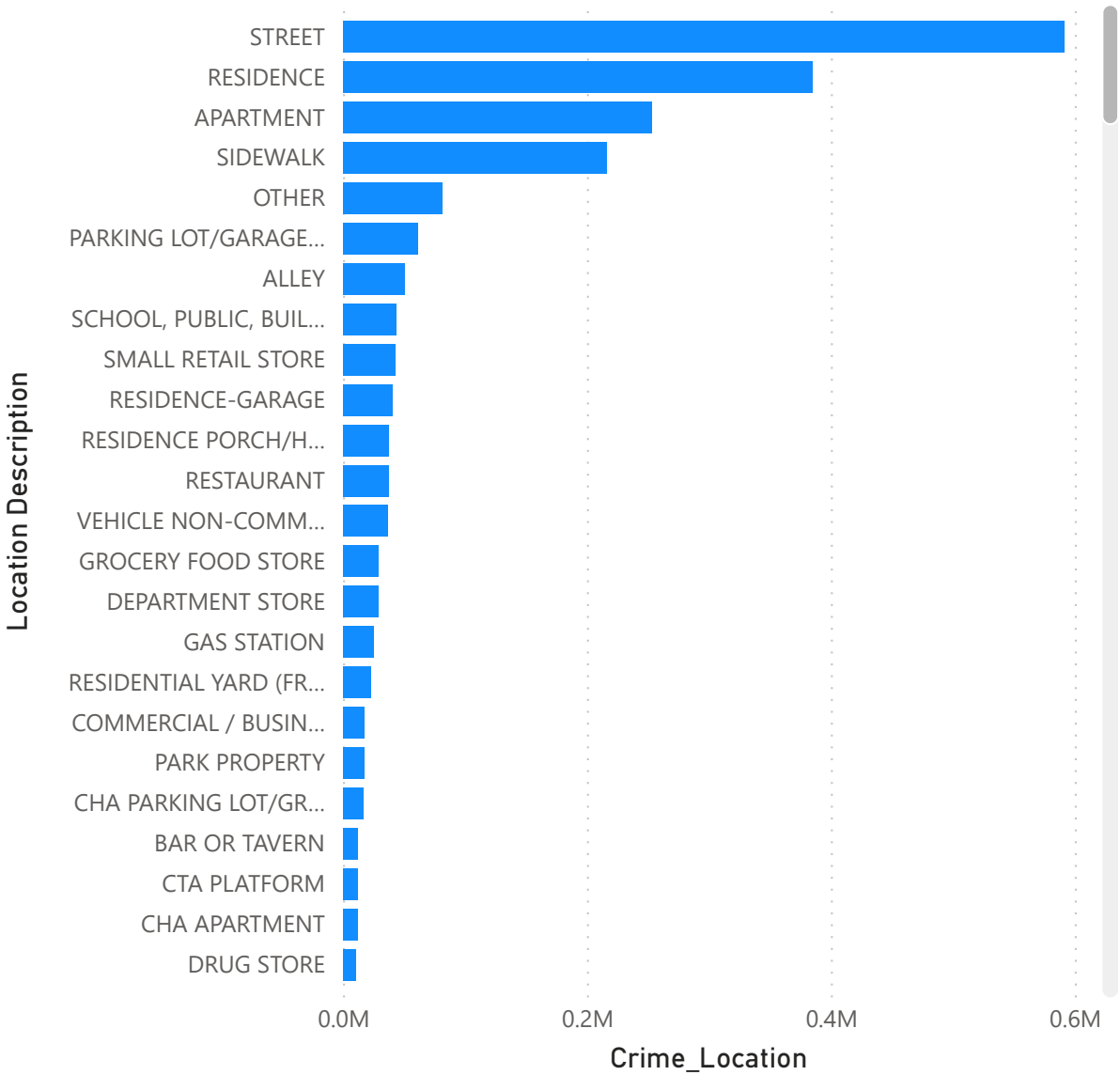


At 479375, THEFT had the highest Type\_of\_Crime and was 23,968,650.00% higher than NON-CRIMINAL (SUBJECT SPECIFIED), which had the lowest Type\_of\_Crime at 2.

THEFT accounted for 21.04% of Type\_of\_Crime.

Across all 35 Primary Type, Type\_of\_Crime ranged from 2 to 479375.

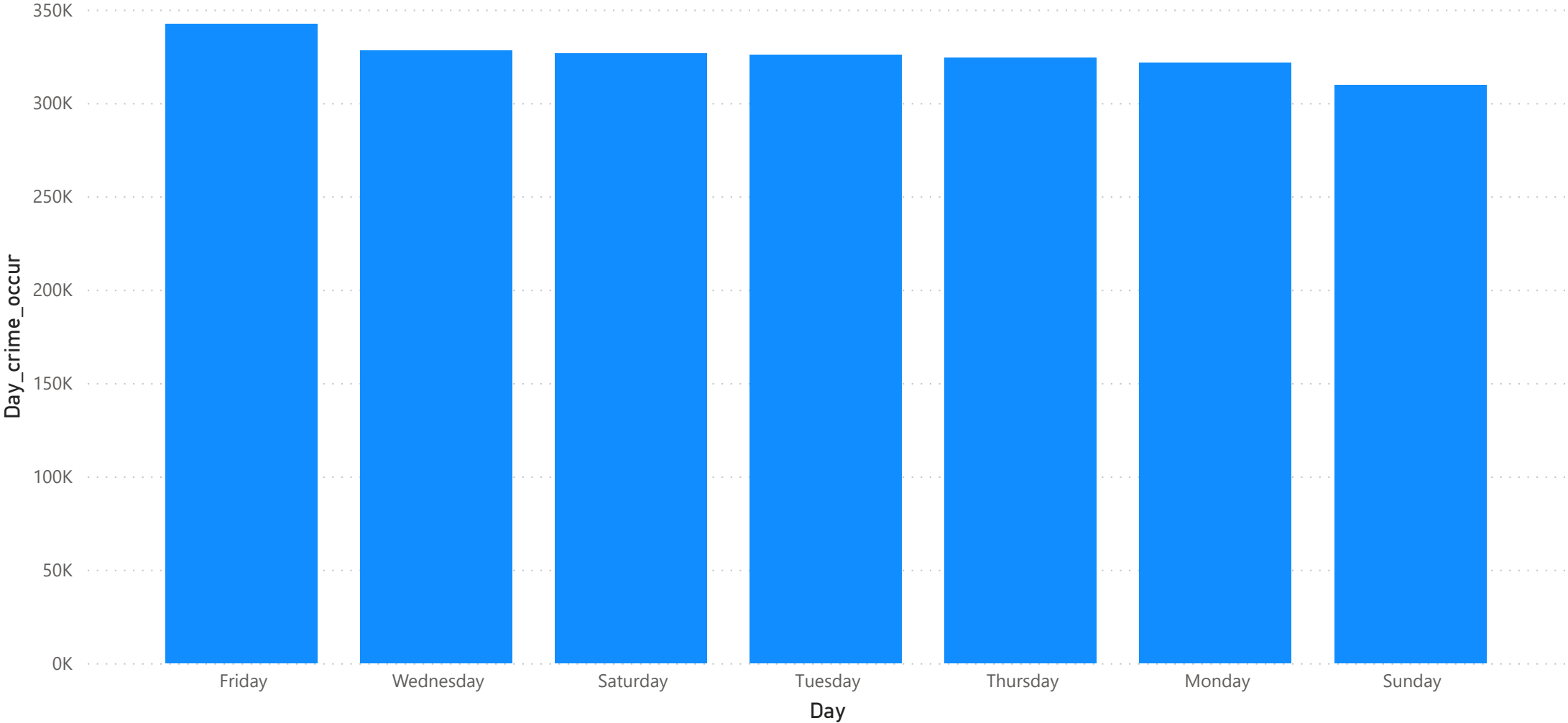
Crime\_Location by Location Description



STREET accounted for 25.93% of Crime\_Location.

Across all 199 Location Description, Crime\_Location ranged from 1 to 590957.

Day\_crime\_occur by Day

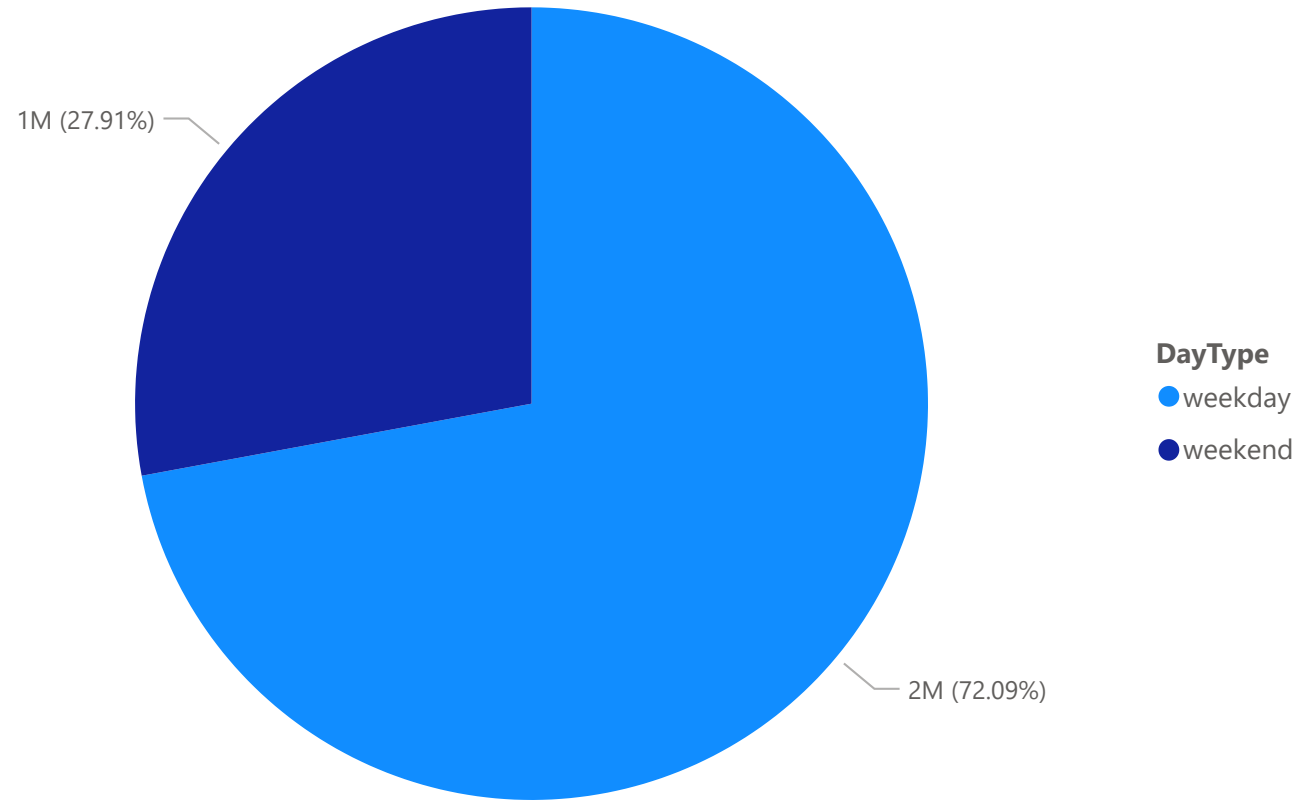


At 342567, Friday had the highest Day\_crime\_occur and was 10.66% higher than Sunday, which had the lowest Day\_crime\_occur at 309573.

Friday accounted for 15.03% of Day\_crime\_occur.

Across all 7 Day, Day\_crime\_occur ranged from 309573 to 342567.

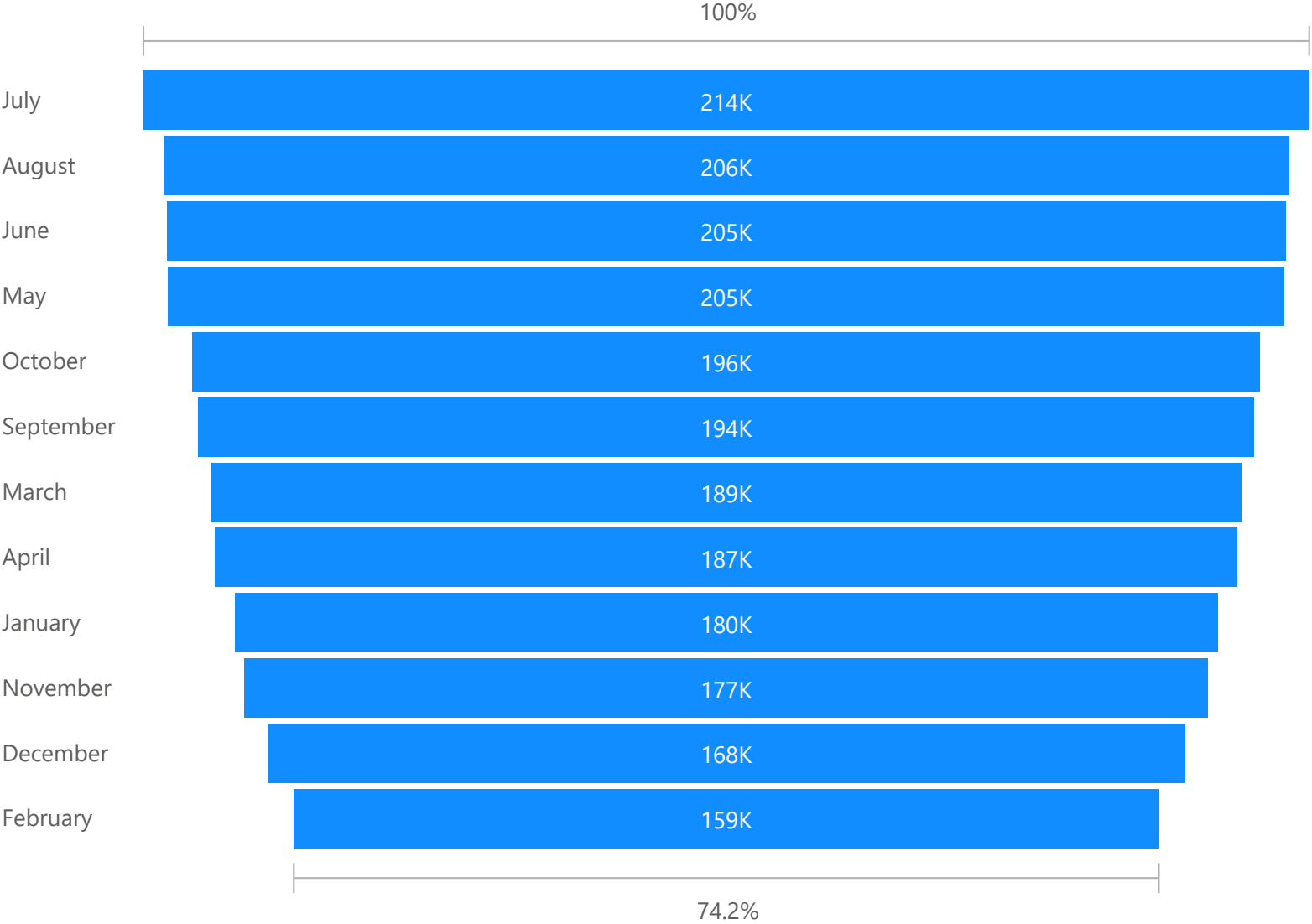
## Type\_of\_day\_Crime\_Occur by DayType



Type\_of\_day\_Crime\_Occur for weekday (1642702) was higher than weekend (636024).

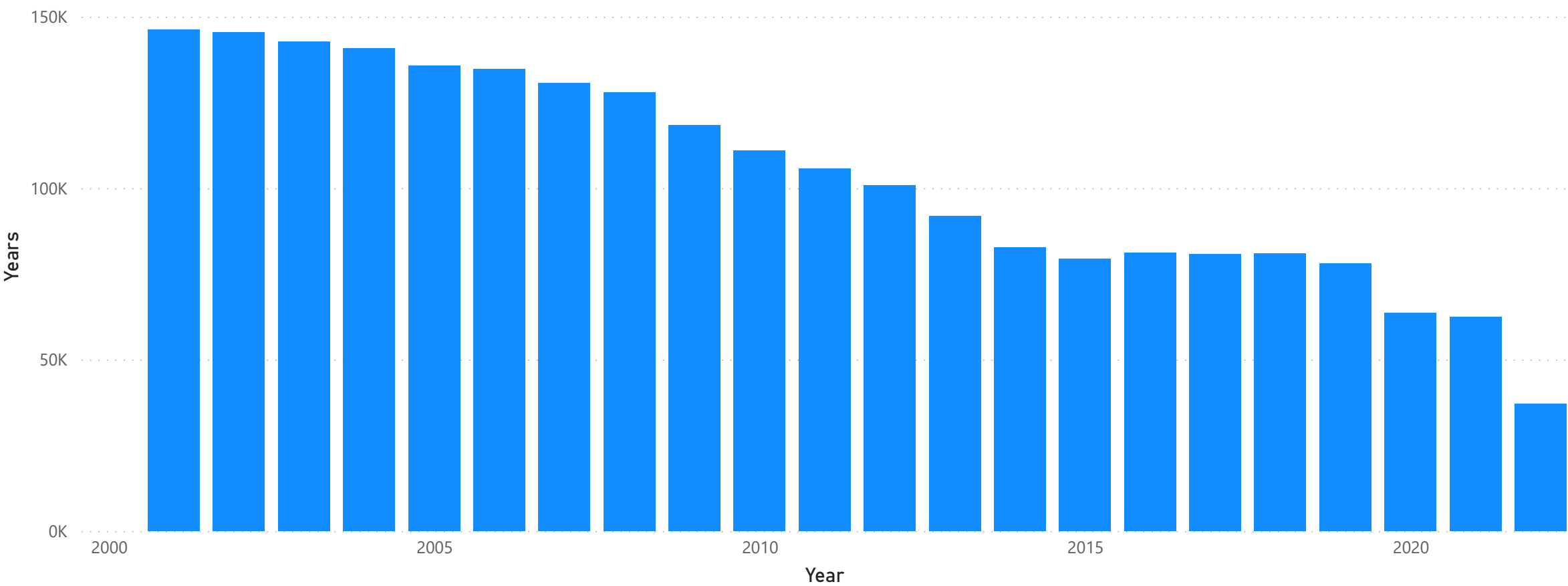
weekday accounted for 72.09% of Type\_of\_day\_Crime\_Occur.

Month\_Crime\_Occur by Month





Years by Year

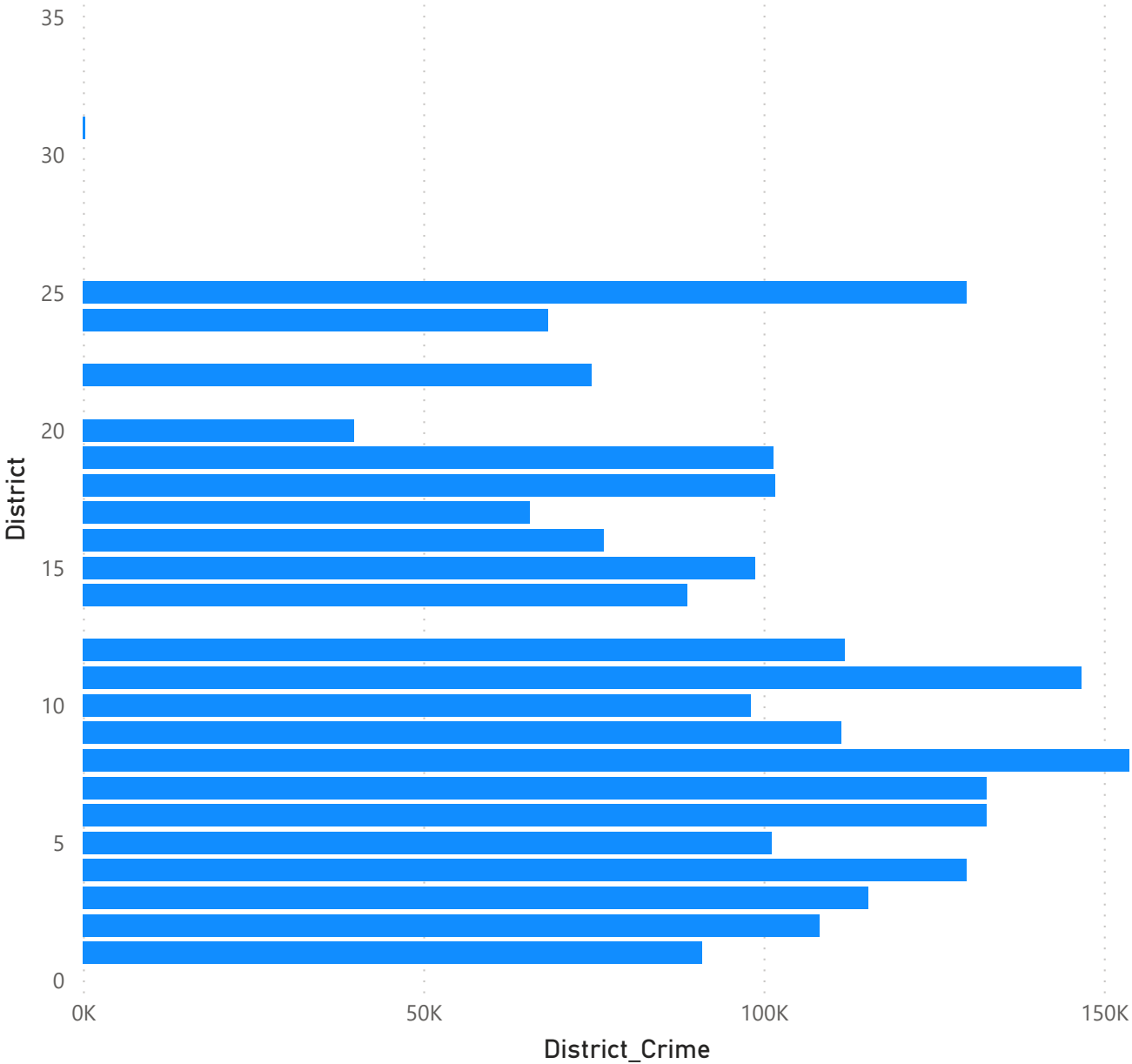


At 146293, 2001 had the highest Years and was 295 % higher than 2022, which had the lowest Years at 37066.

2001 accounted for 6.42% of Years.

Across all 22 Year, Years ranged from 37066 to 146293.

District\_Crime by District

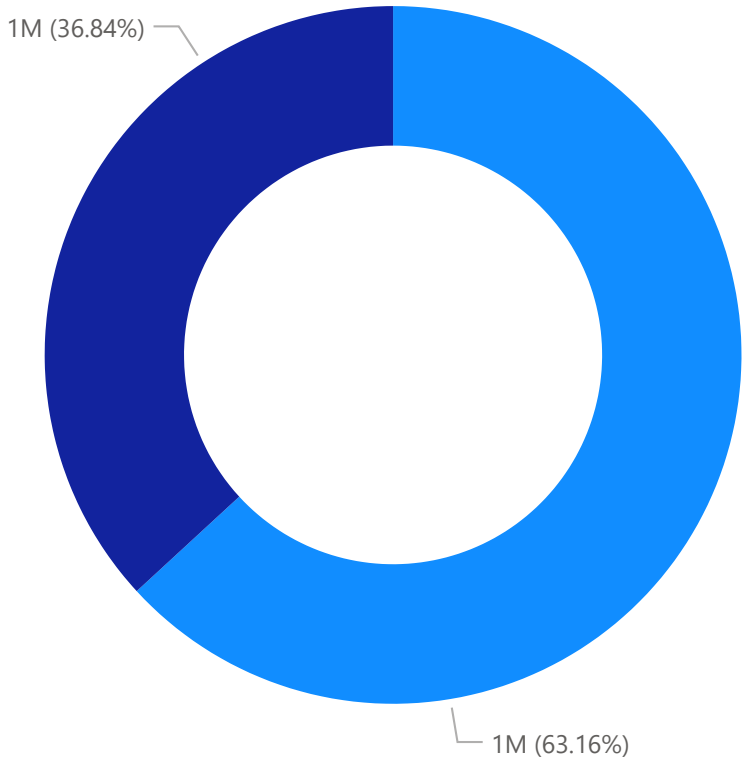


At 153684, 8 had the highest District\_Crime and was 243,843 % higher than 31, which had the lowest District\_Crime at 63.

8 accounted for 6.74% of District\_Crime.

Across all 23 District, District\_Crime ranged from 63 to 153684.

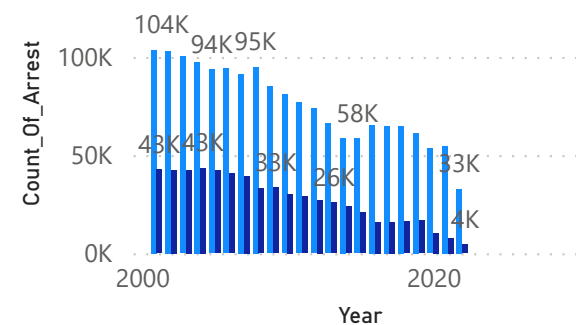
Period\_Crime\_Occur by Period



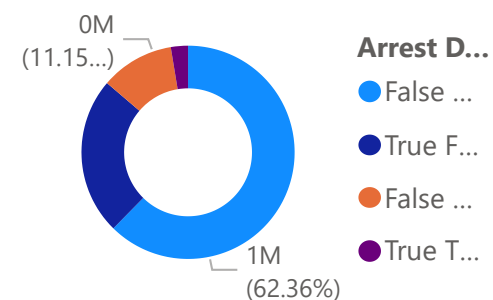
Period\_Crime\_Occur for [Afternoon](#) (1439284) was higher than [Morning](#) (839442).  
[Afternoon](#) accounted for [63.16%](#) of Period\_Crime\_Occur.

- Period**
- Afternoon
  - Morning

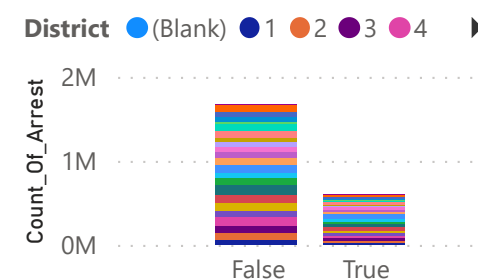
# BIVARIATE Analysis



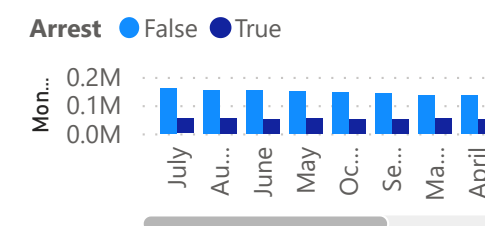
Count\_Of\_Arrest by Arrest and Domestic



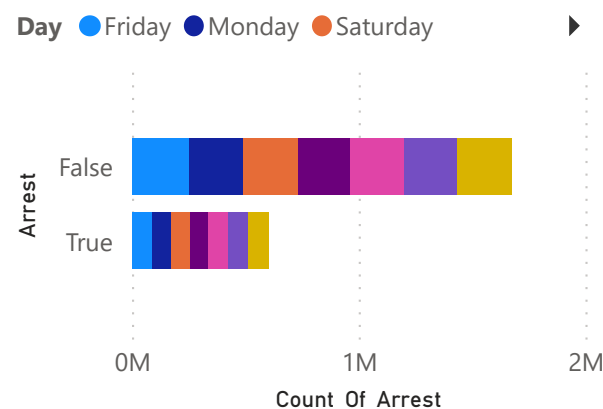
Count\_Of\_Arrest and District\_Crime by Arrest and District



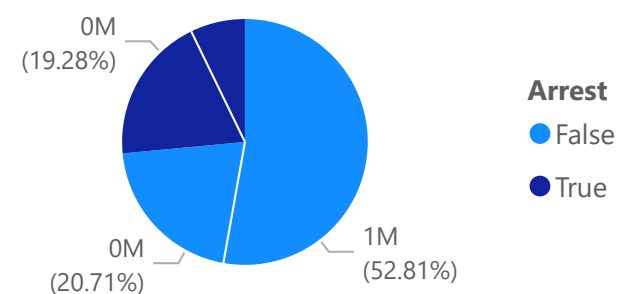
Month\_Crime\_Occur and Count\_Of\_Arrest by Month and Arrest



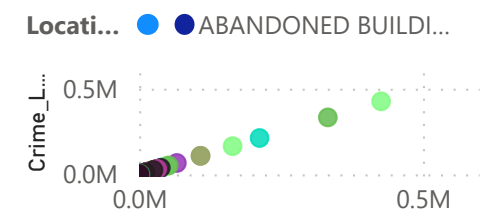
Count\_Of\_Arrest by Arrest and Day



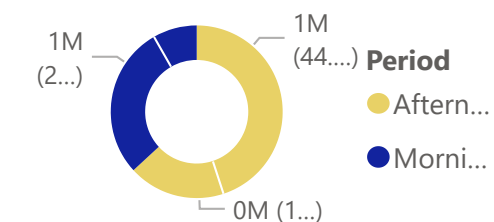
Count\_Of\_Arrest and Day\_crime\_occur by Arrest and DayType



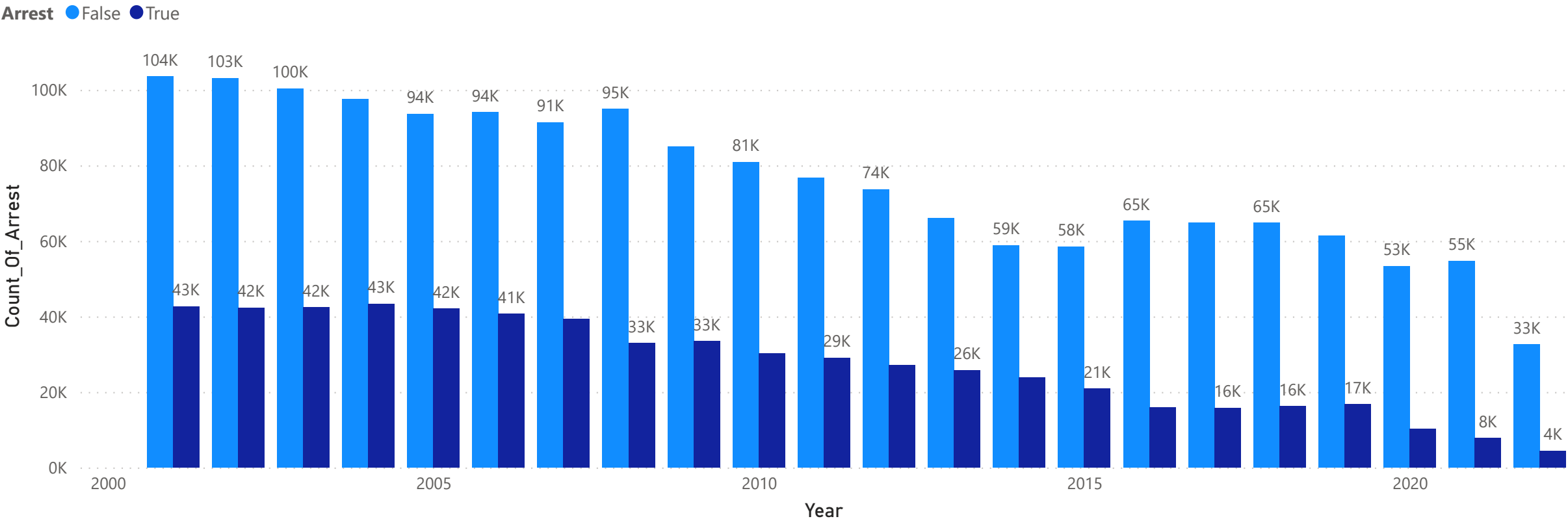
Count\_Of\_Arrest and Crime\_Location by Arrest and Location Description



Period\_Crime\_Occur and Count\_Of\_Arrest by Period and Arrest



Count\_Of\_Arrest by Year and Arrest



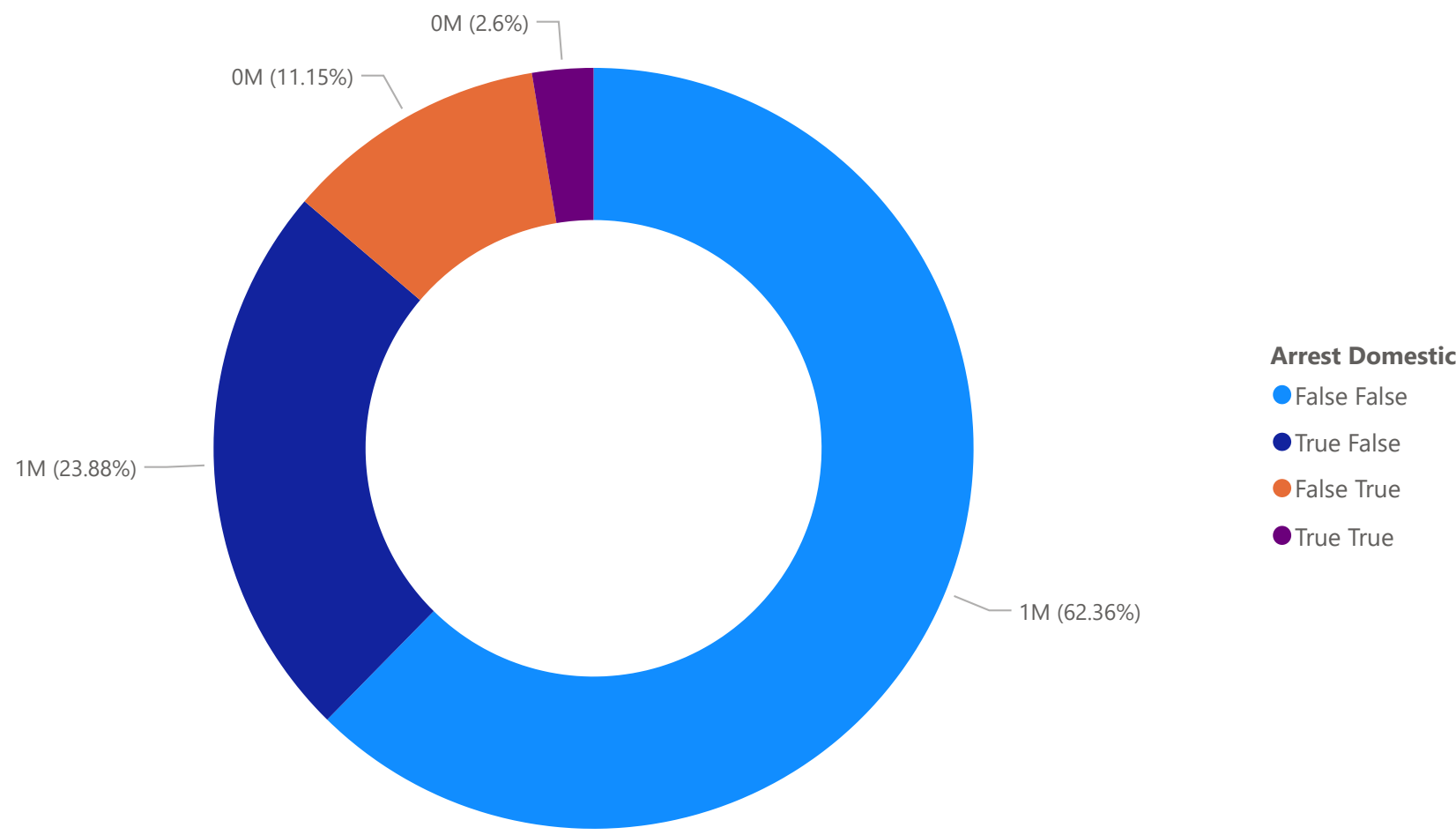
Total Count\_Of\_Arrest was higher for False (1675252) than True (603474).

2001 in Arrest made up 4.55% of Count\_Of\_Arrest.

Average Count\_Of\_Arrest was higher for False (76,147.82) than True (27,430.64).

Count\_Of\_Arrest for False and True diverged the most when the Year was 2008, when False were 61982 higher than True.

Count\_Of\_Arrest by Arrest and Domestic



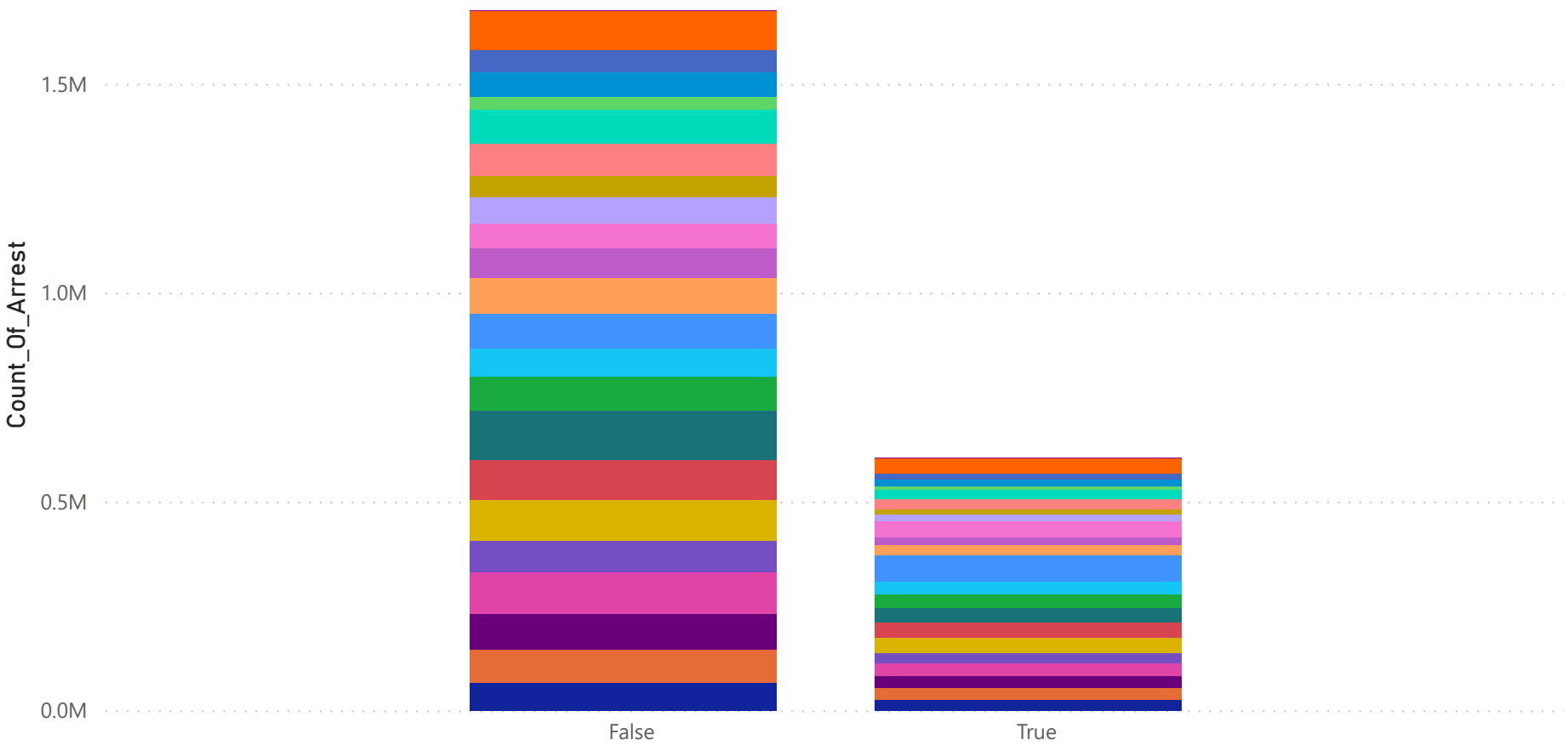
Total Count\_Of\_Arrest was higher for False (1965311) than True (313415).

Average Count\_Of\_Arrest was higher for False (982,655.50) than True (156,707.50).

Count\_Of\_Arrest for False and True diverged the most when the Arrest was False, when False were 1166870 higher than True.

Count\_Of\_Arrest and District\_Crime by Arrest and District

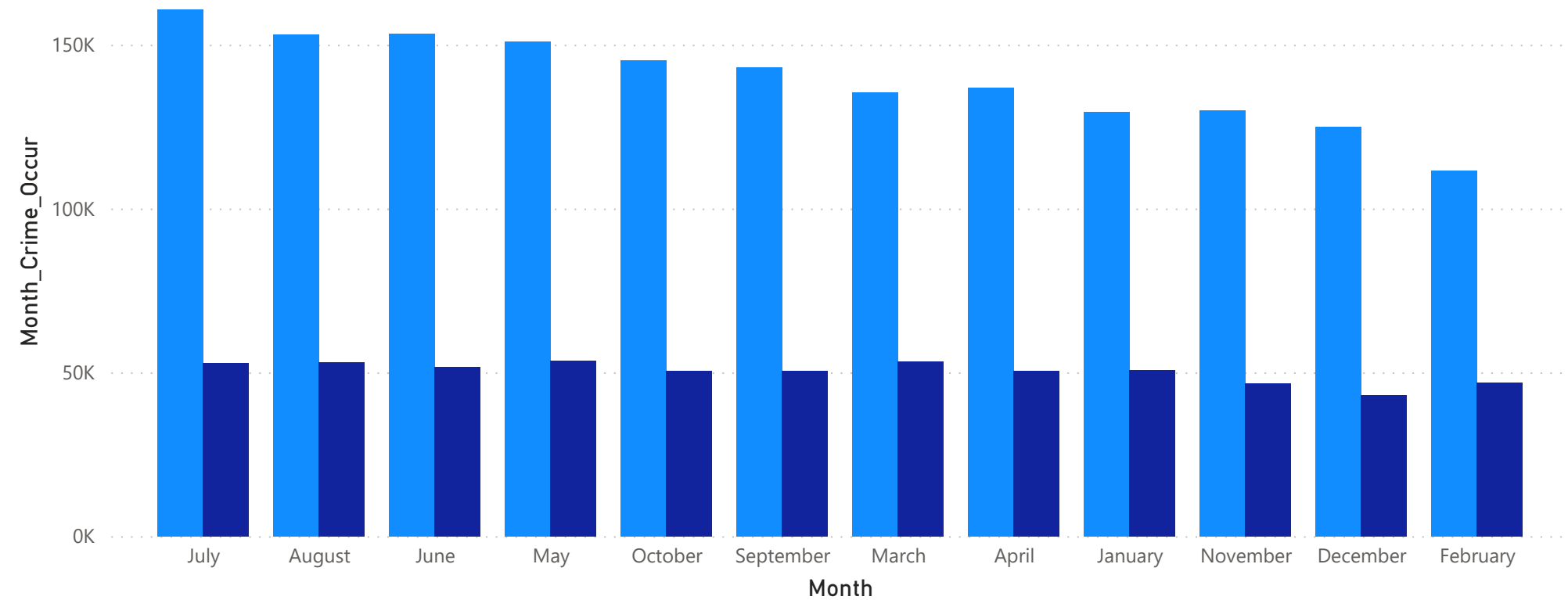
District (Blank) 1 2 3 4 5 6 7 8 9 10 11 12 14 15 16 17 18 19 20 22 24 25 31



False in District 8 made up 5.20% of Count\_Of\_Arrest.

## Month\_Crime\_Occur and Count\_Of\_Arrest by Month and Arrest

Arrest ● False ● True



Total Month\_Crime\_Occur was higher for False (1675252) than True (603474).

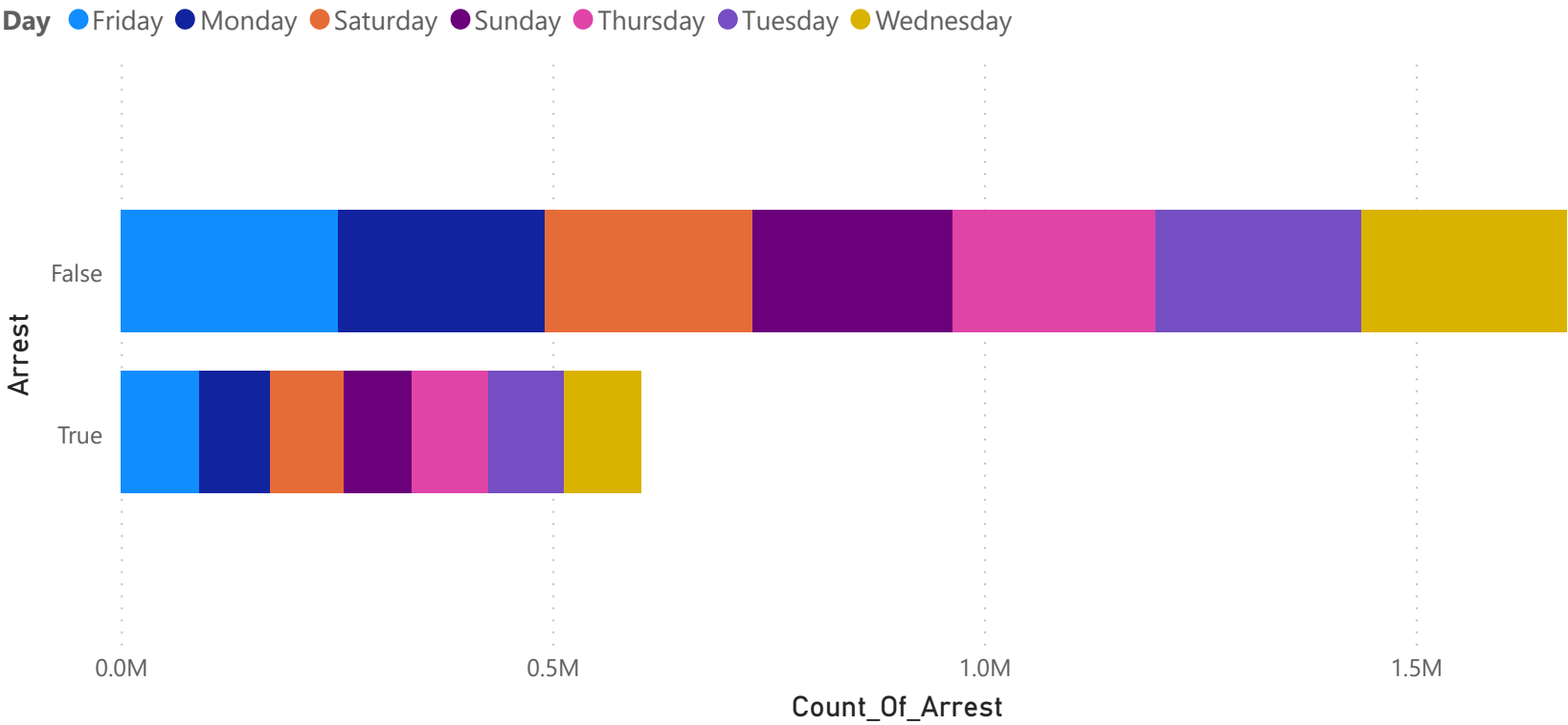
July in Arrest made up 7.06% of Month\_Crime\_Occur.

Average Month\_Crime\_Occur was higher for False (139,604.33) than True (50,289.50).

Month\_Crime\_Occur for False and True diverged the most when the Month was July, when False were 107965 higher than True.

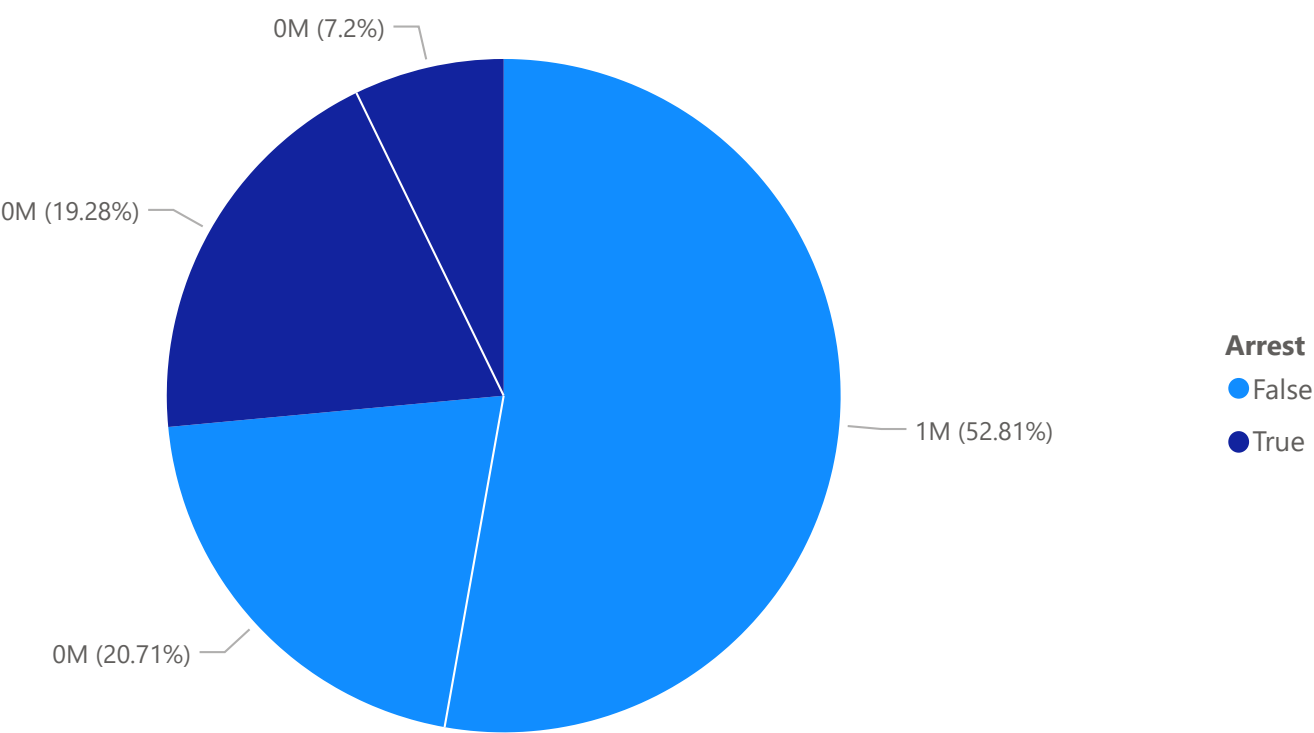


Count\_Of\_Arrest by Arrest and Day



False in Day made up 11.06% of Count\_Of\_Arrest.

Count\_Of\_Arrest and Day\_crime\_occur by Arrest and DayType



Total Count\_Of\_Arrest was higher for weekday (1642702) than weekend (636024).

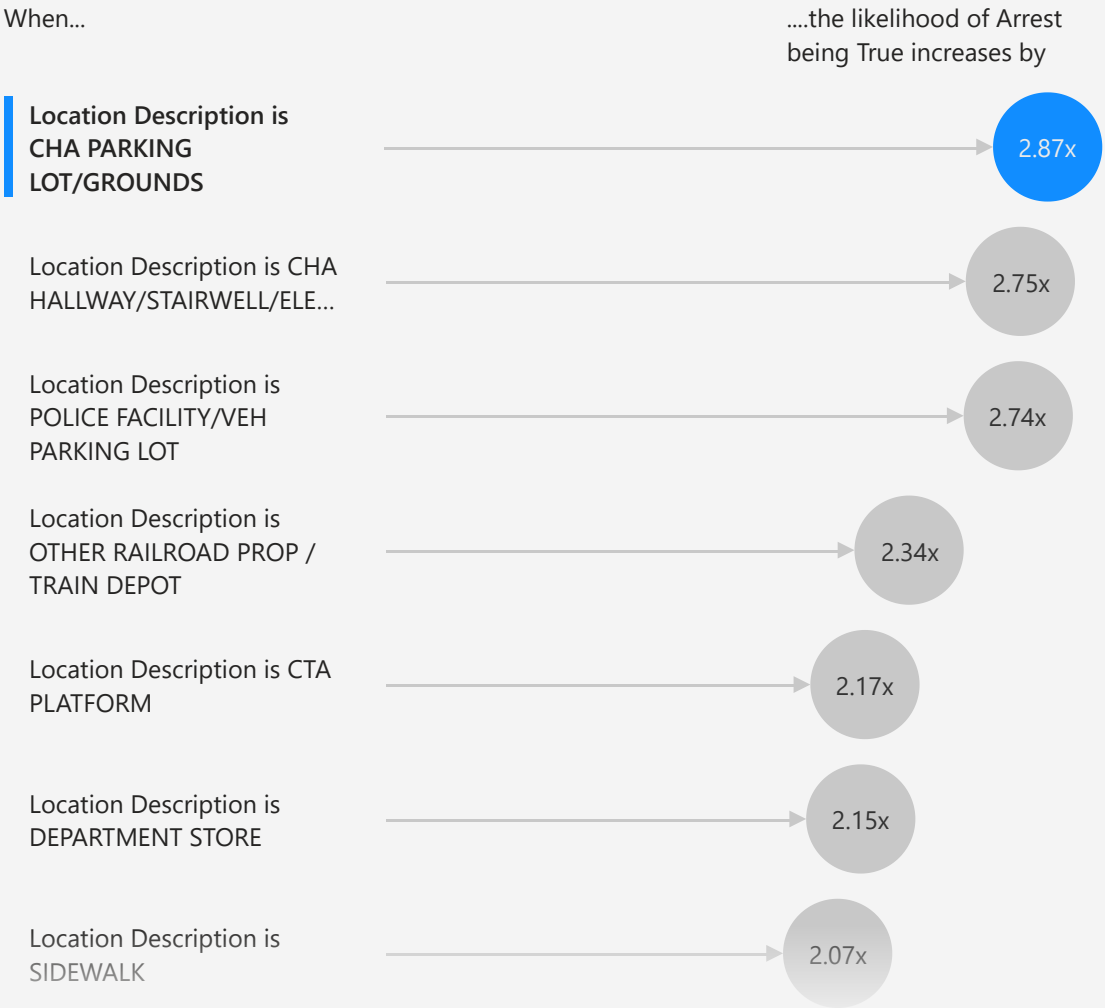
Average Count\_Of\_Arrest was higher for weekday (821351) than weekend (318012).

Count\_Of\_Arrest for weekday and weekend diverged the most when the Arrest was False, when weekday were 731370 higher than weekend.

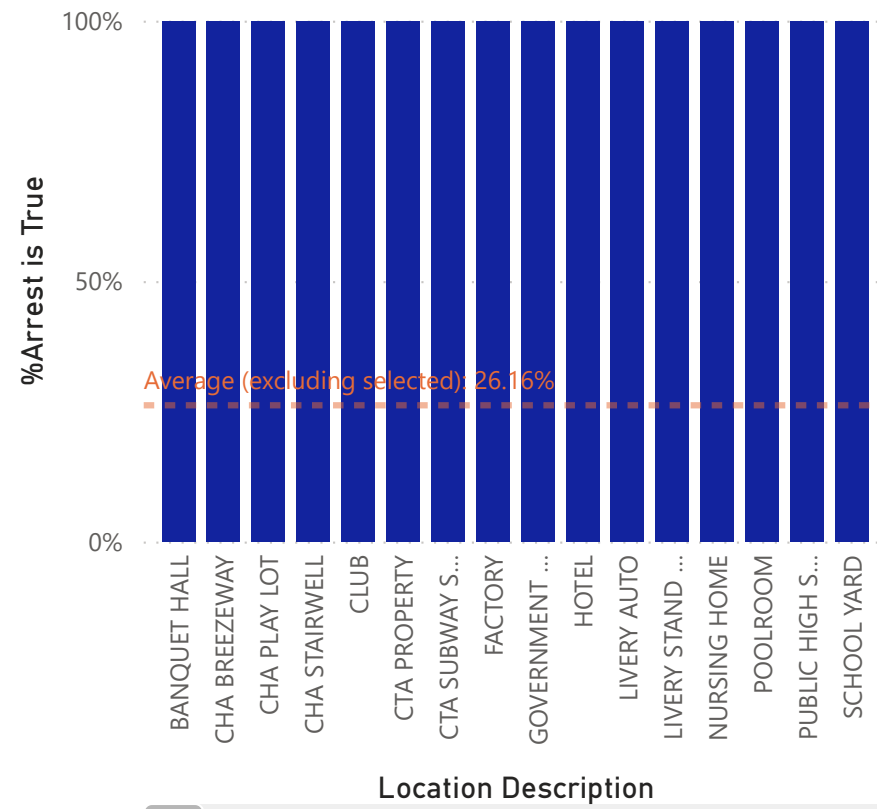
Key influencers    Top segments



What influences Arrest to be True ?

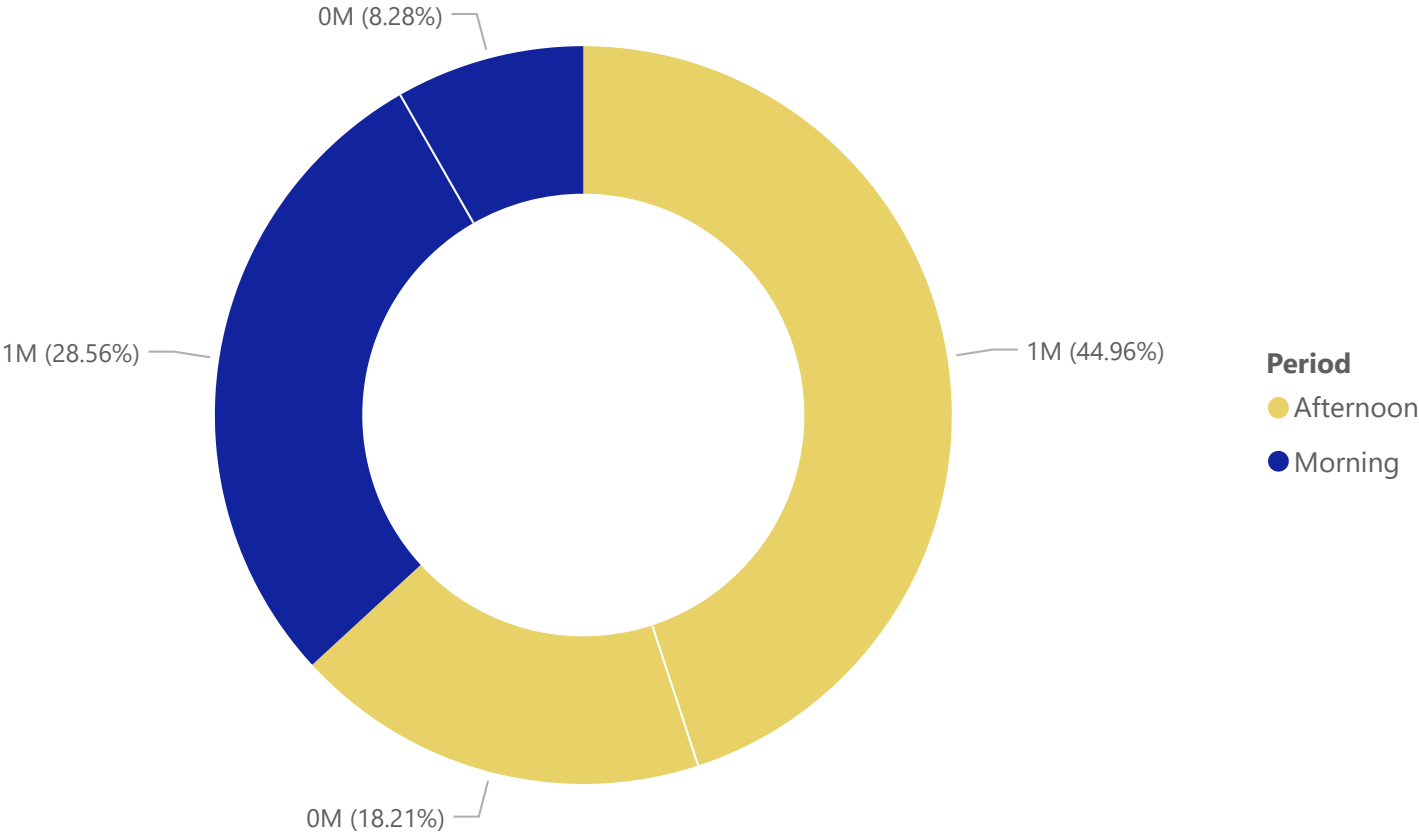


← Arrest is more likely to be True when Location Description is CHA PARKING LOT/GROUNDS than otherwise (on average).



☐ Only show values that are influencers

Period\_Crime\_Occur and Count\_Of\_Arrest by Period and Arrest

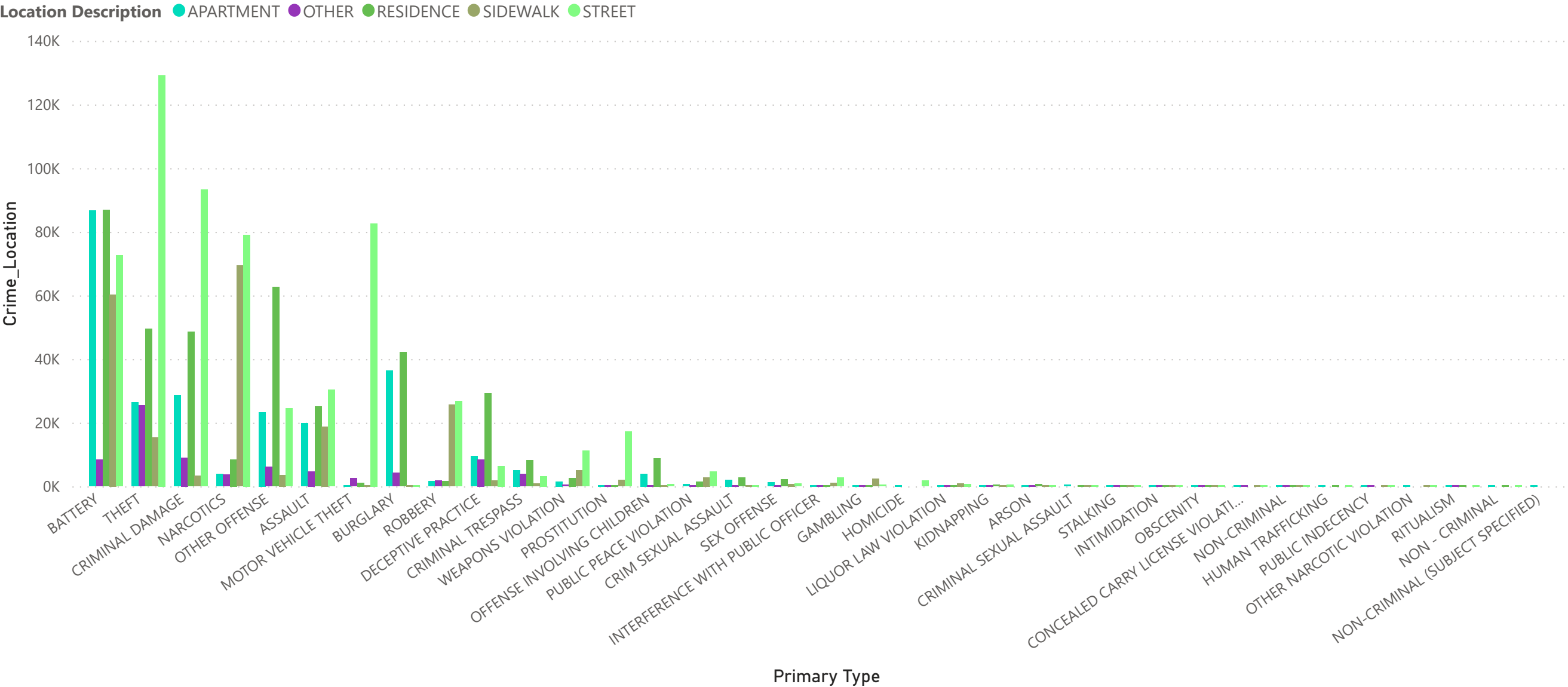


Total Period\_Crime\_Occur was higher for [False](#) (1675252) than [True](#) (603474).

Average Period\_Crime\_Occur was higher for [False](#) (837626) than [True](#) (301737).

Period\_Crime\_Occur for [False](#) and [True](#) diverged the most when the Period was [Afternoon](#), when [False](#) were [609564](#) higher than [True](#).

Crime\_Location and Type\_of\_Crime by Primary Type and Location Description



THEFT in Location Description made up 8.46% of Crime\_Location.