
The Current State Of Crime Rate In Chicago

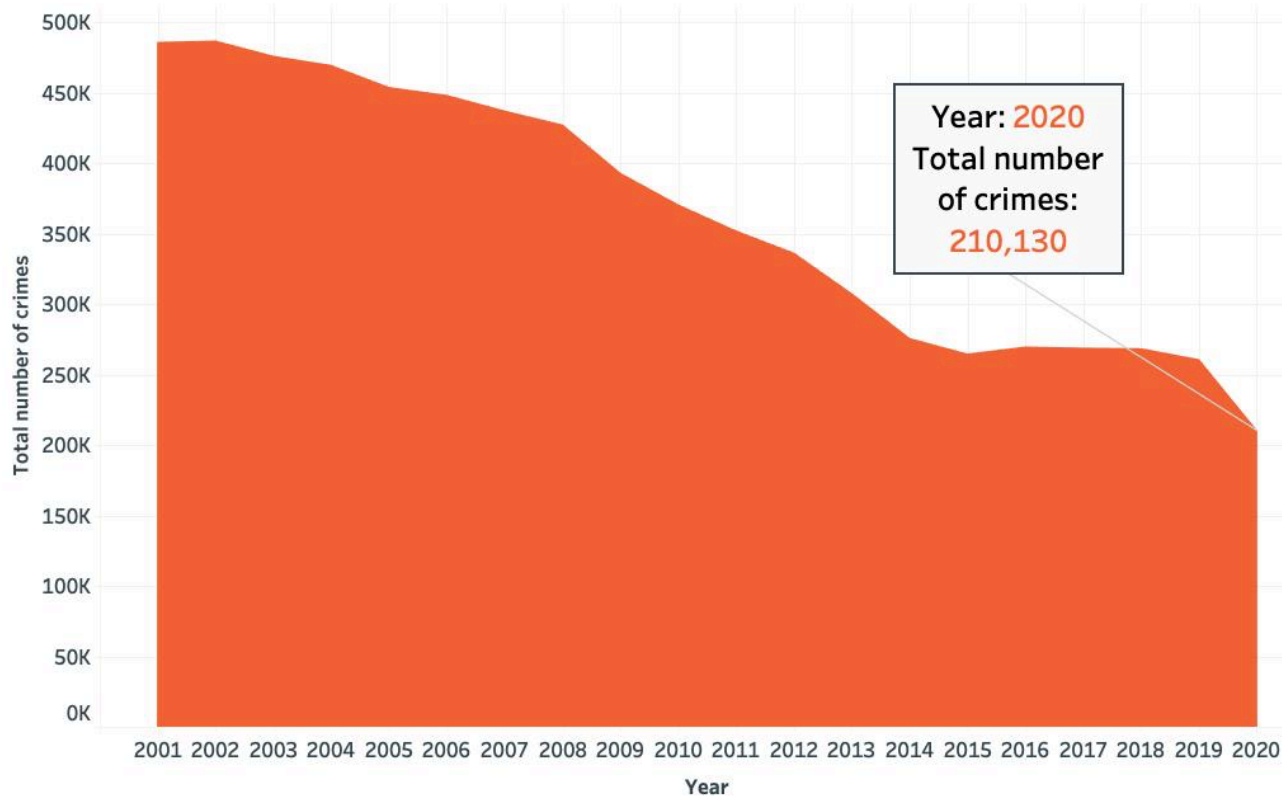
Presented by Michael Kim

Executive Summary

Lately, national and local news outlets have published numerous articles highlighting high numbers violent crimes in Chicago. Is Chicago becoming a city that the real estate developments should be avoided? We have collected data from official city websites and visualized the result.

- In contrary to other major cities such as San Francisco and Seattle, the crime rate in Chicago is actually decreasing over time.
- Among three cities, Chicago has the lowest crime rate per 100K as of 2020.
- In Chicago, the top 5 most frequent crimes are *theft, battery, criminal damage, narcotics and assault*, which occupies 67.2% of the total crime rate in Chicago for 2008-2020.
- In general, the crime rate gradually increases towards summer months with a peak in July-August, and then decrease towards fall and winter.
- The month with the lowest crime rate is late winter-early spring (around February).
- Communities with high number of crimes: **Austin, South shore, Humboldt Park**, etc.
- Communities with the lowest number of crimes: **Edison Park, Burnside, Forest Glen**, etc.

Crime trend in Chicago



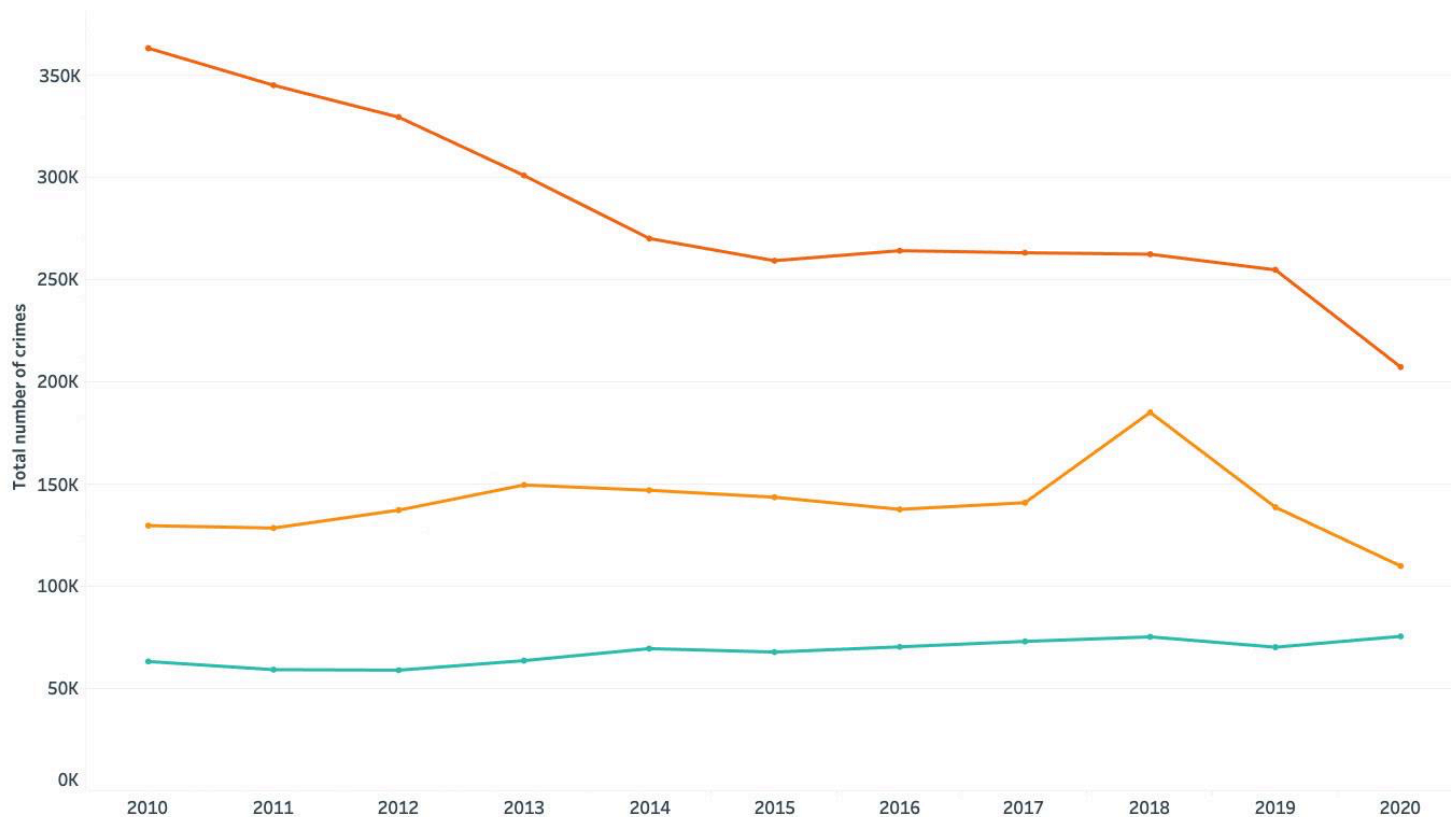
In reality, the crime rate in Chicago has been decreasing over time.

The total number of crimes has been decreased for 20 years to 210,130 in 2020.

Crime trend comparison with other major cities

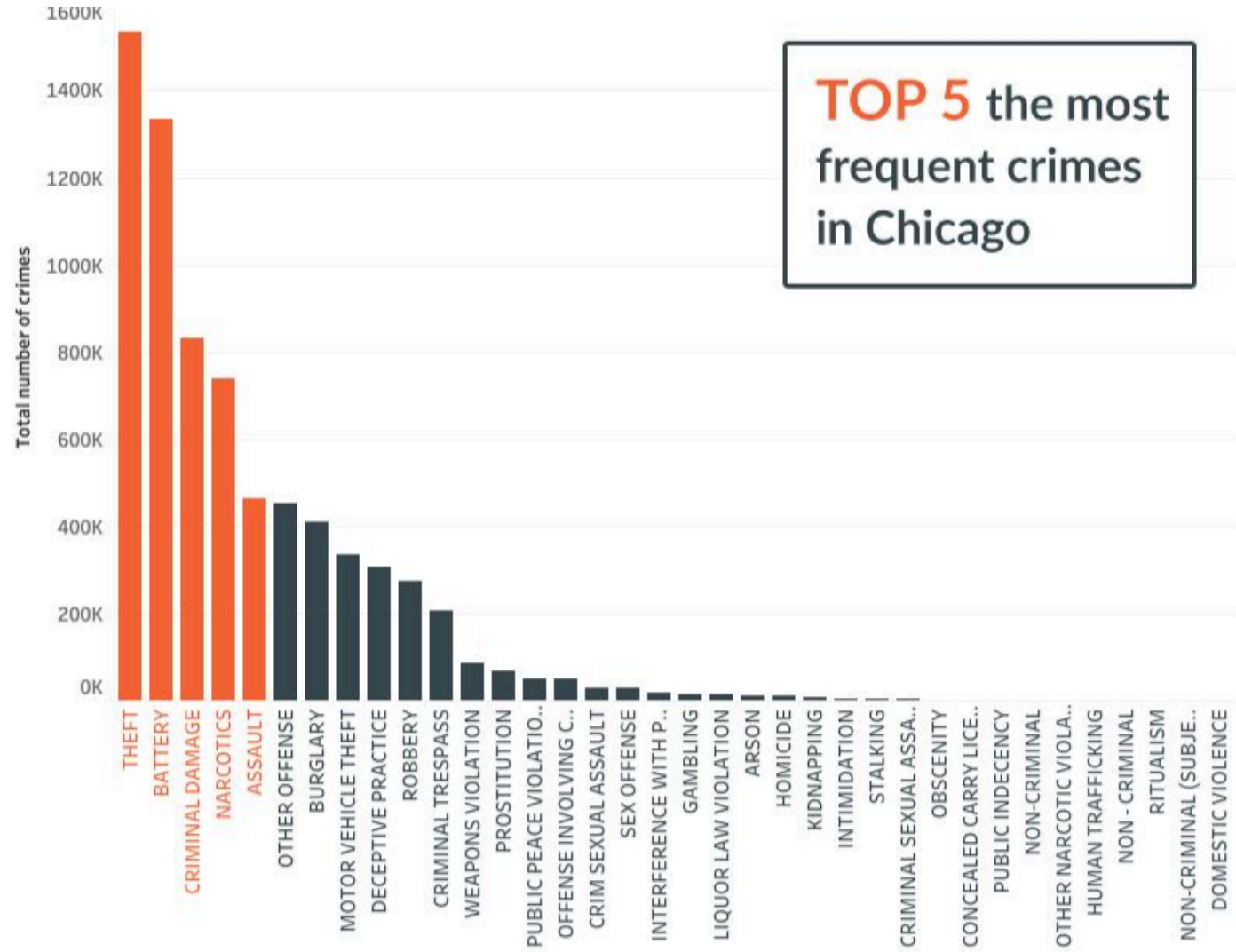
- Chicago
- San Francisco
- Seattle

San Francisco's crime rate hit the peak in 2018 and then has been decreasing since then. Seattle's crime rate has been slowly increasing.





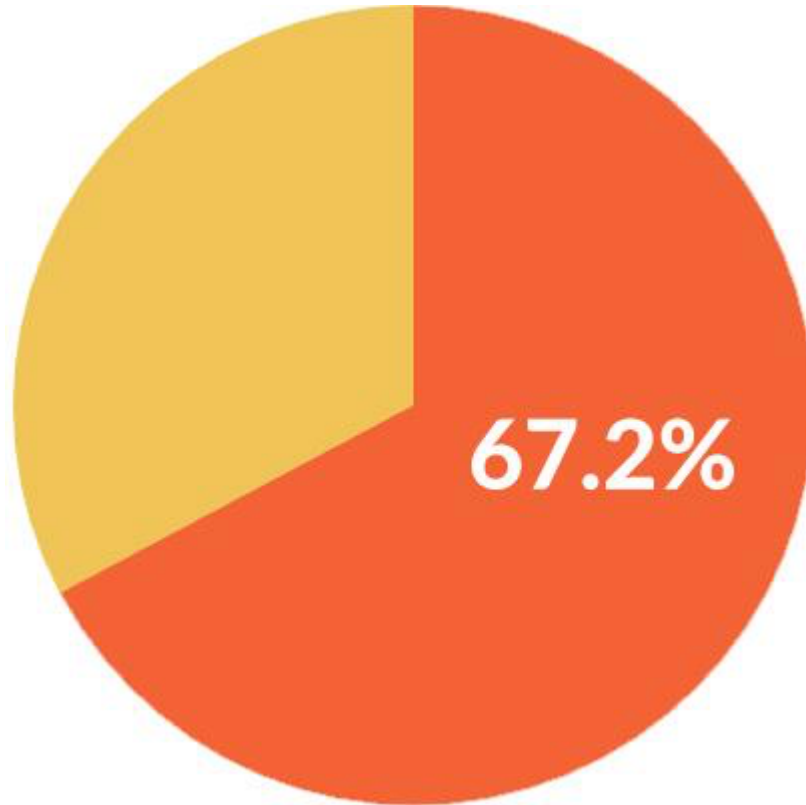
**Crime Rate
per
100K by
Cities**



In Chicago, the top 5 most frequent crimes are:

- THEFT
- BATTERY
- CRIMINAL DAMAGE
- NARCOTICS
- ASSAULT

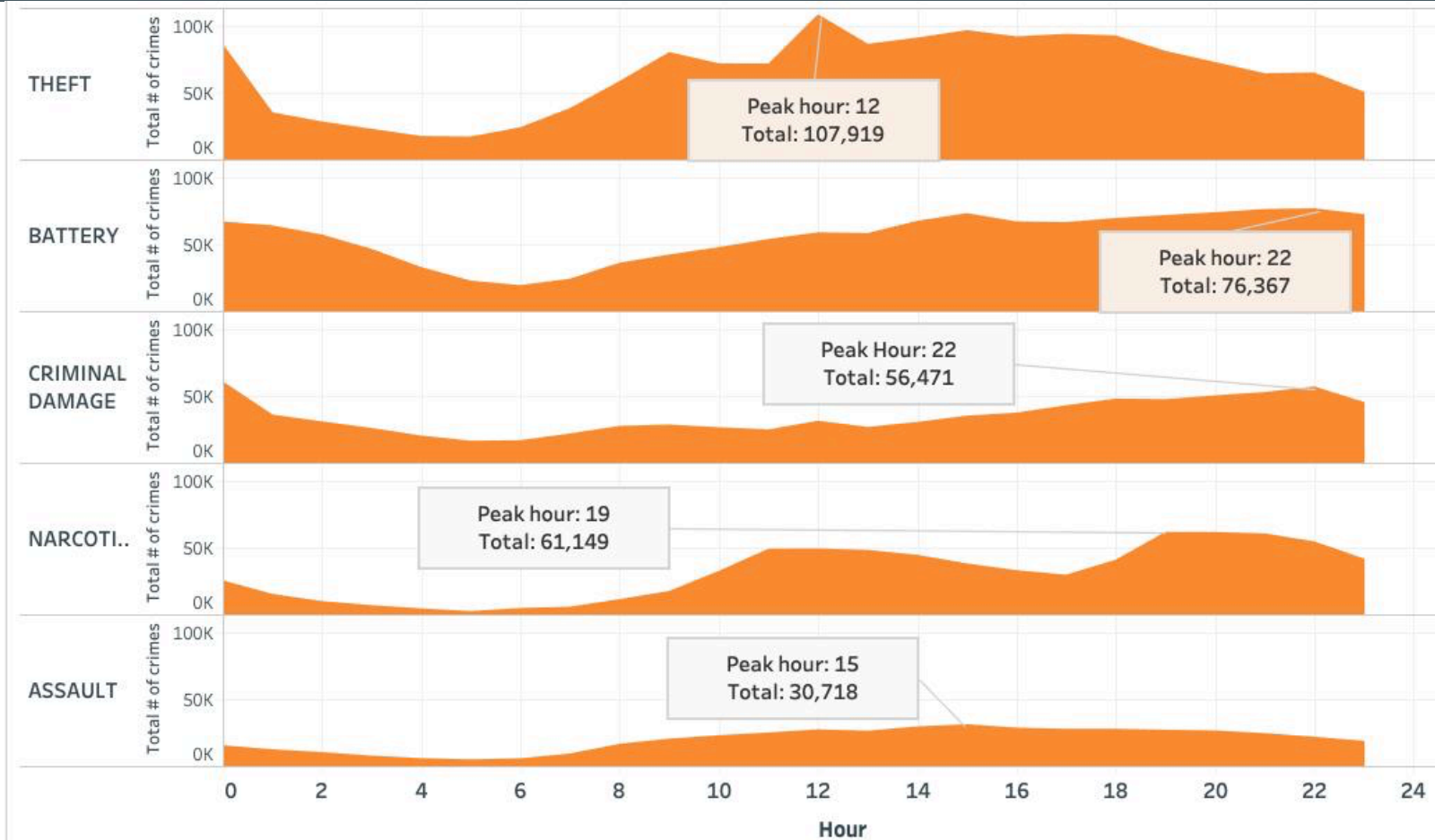
% of Top 5 crime type for 2008-2020 in Chicago



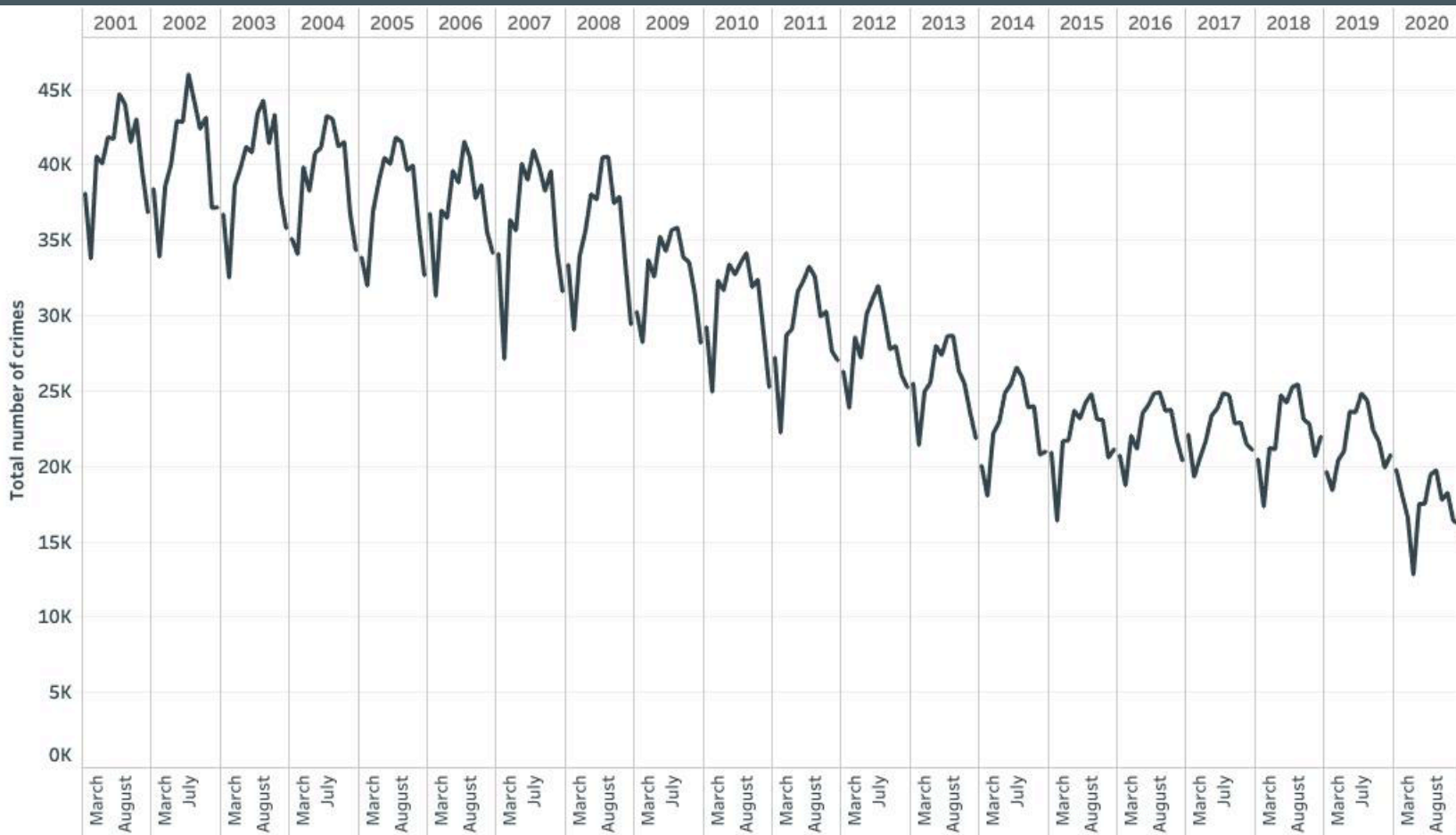
- **Top 5 crimes**
(Theft, Battery, Criminal Damage, Narcotics, Assault)
- **Other crimes**

Top 5 crime type occupies **67.2%** of the total crime rate in Chicago for 2008-2020.

Chicago's top 5 crimes and their peak hours



Seasonality Aspect in the Crime Rate

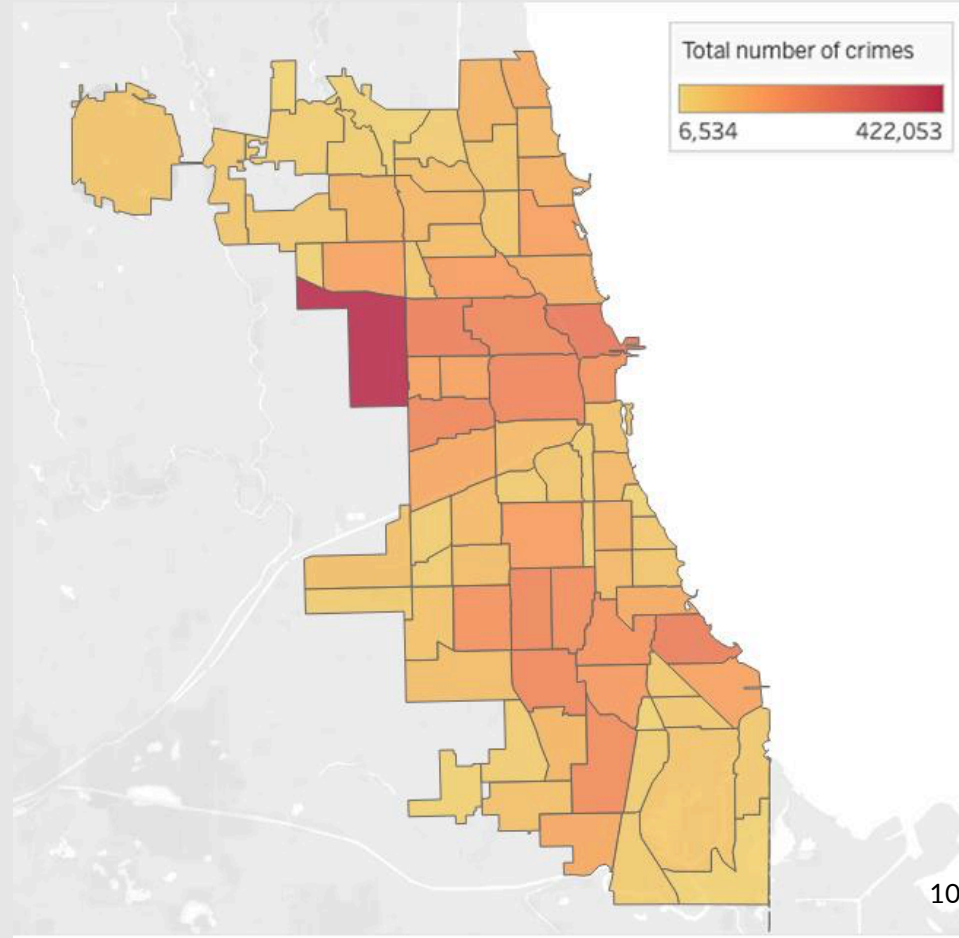


Chicago Crime Rate by Community Area in Color

Chicago's community with the most number of crime is **AUSTIN** (red area).

Other communities with high number of crimes are:

- **AUSTIN**
- **NEAR NORTH SIDE**
- **SOUTH SHORE**
- **HUMBOLDT PARK**
- **NEAR WEST SIDE**



Communities with the **LOWEST** Crime Rate

Orange bars are the **top 20 safe communities** with the lowest crime rate.

EDISON PARK, BURNSIDE, FOREST GLEN, HEGEWISCH, OAKLAND, MOUNT GREENWOOD, MONTCLARE, NORTH PARK, FULLER PARK, etc.

