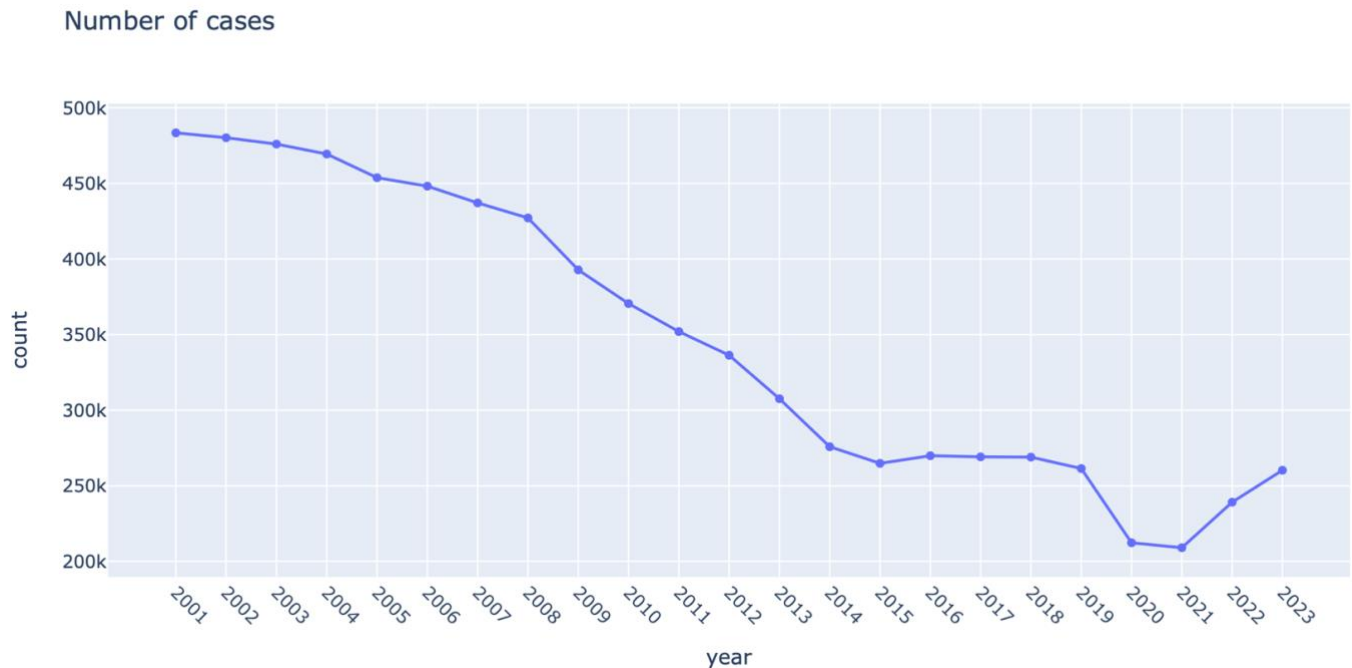# Chicago Crime-data report

by **Tirumalesh Nagothi**
Portfolio

This report provides data on Chicago crime trends to raise awareness and support community safety initiatives.
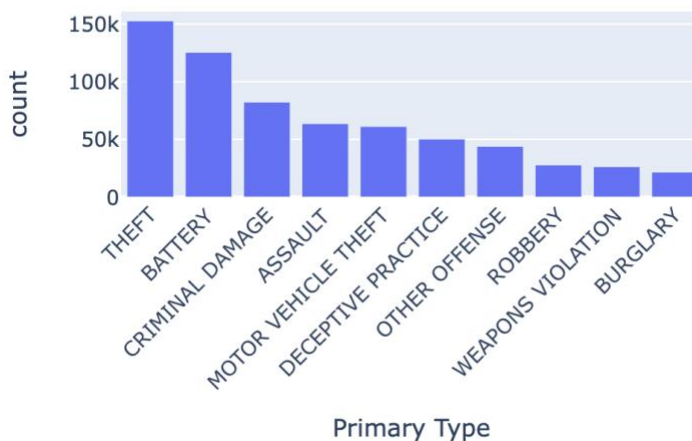
Overall Trend:

The crime has **increased** in recent years such as from **2021** to **2023** where the count has raised from **209K** to **239K** and reached **260K**.
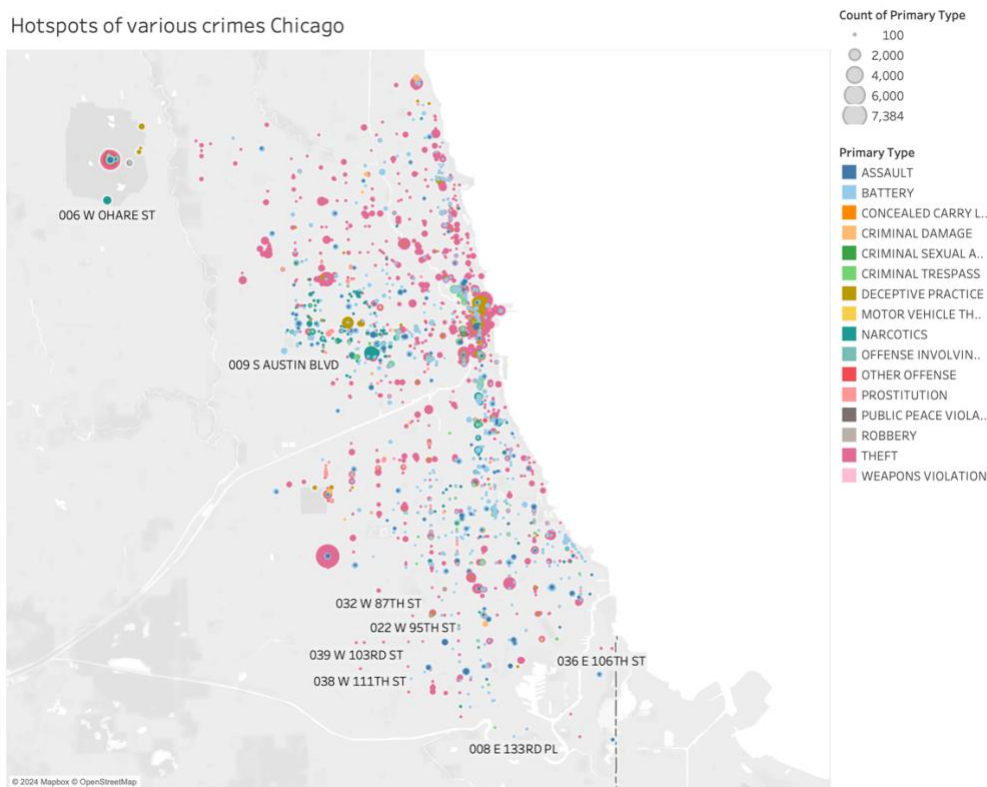
Top crimes:

- Theft is the most common crime type, with over 100,000 reported incidents in 2023.
- Criminal damage and battery are the second and third most common crime types, respectively.
- The number of reported crimes of all types appears to have increased over the past two decades.

Hotspots:

Thefts are spread throughout **Chicago**, whereas downtown has most of the thefts occur.

General Trend: Theft is a widespread issue across the entire city of Chicago.
Concentration: Despite the citywide issue, the downtown area experiences the highest concentration of theft crimes.
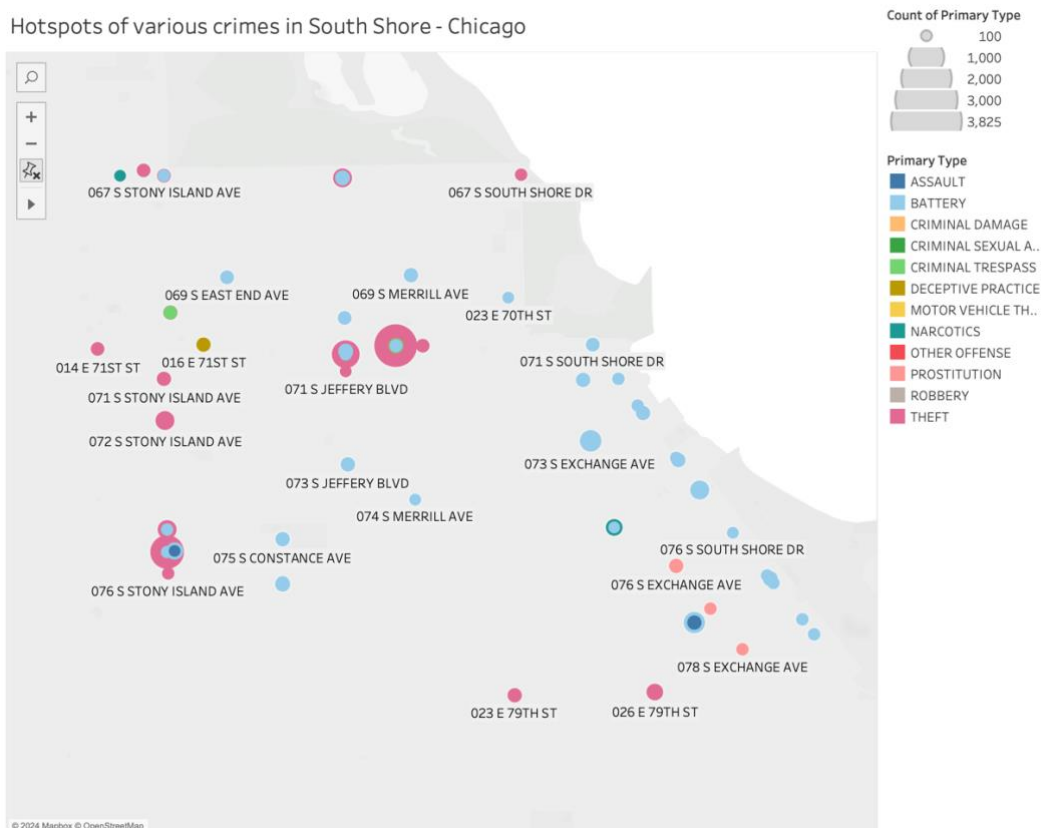**Opportunity:** Downtown areas likely offer more targets for theft due to density of businesses, tourists, and foot traffic.
Reporting Differences: There might be higher reporting rates of theft in downtown areas compared to other parts of Chicago. Law
Enforcement Focus: The high concentration of thefts downtown may lead to variations in policing strategies compared to other areas.
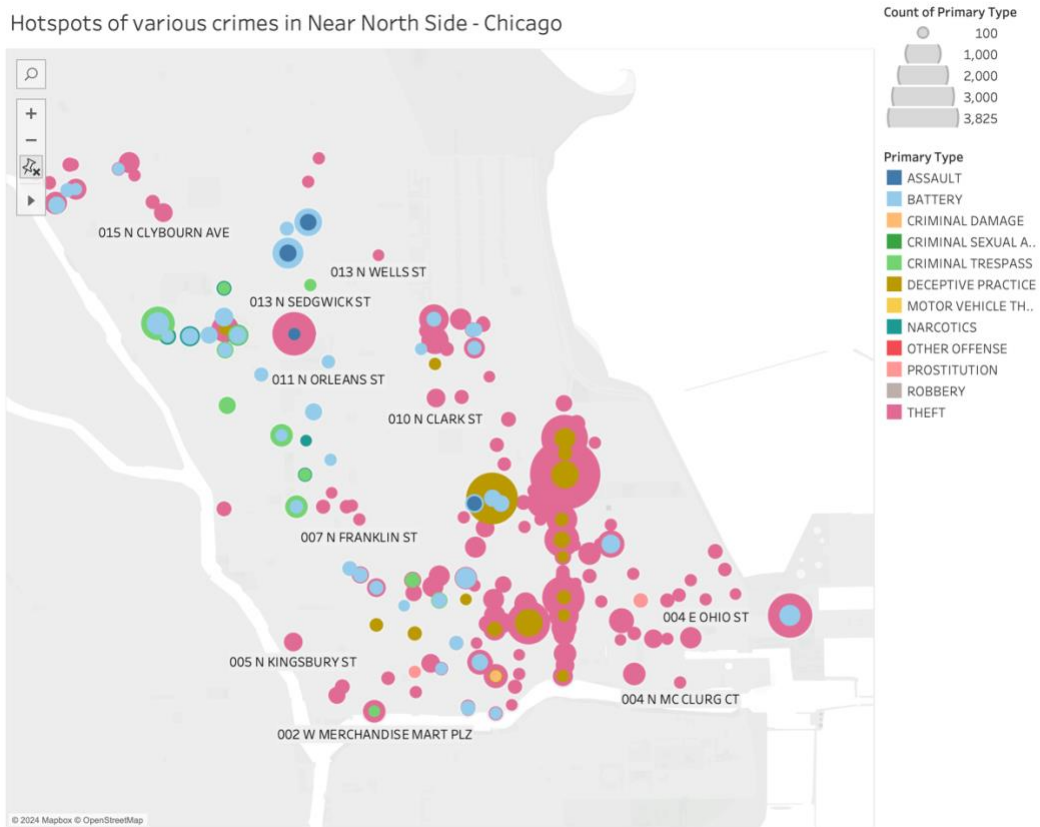
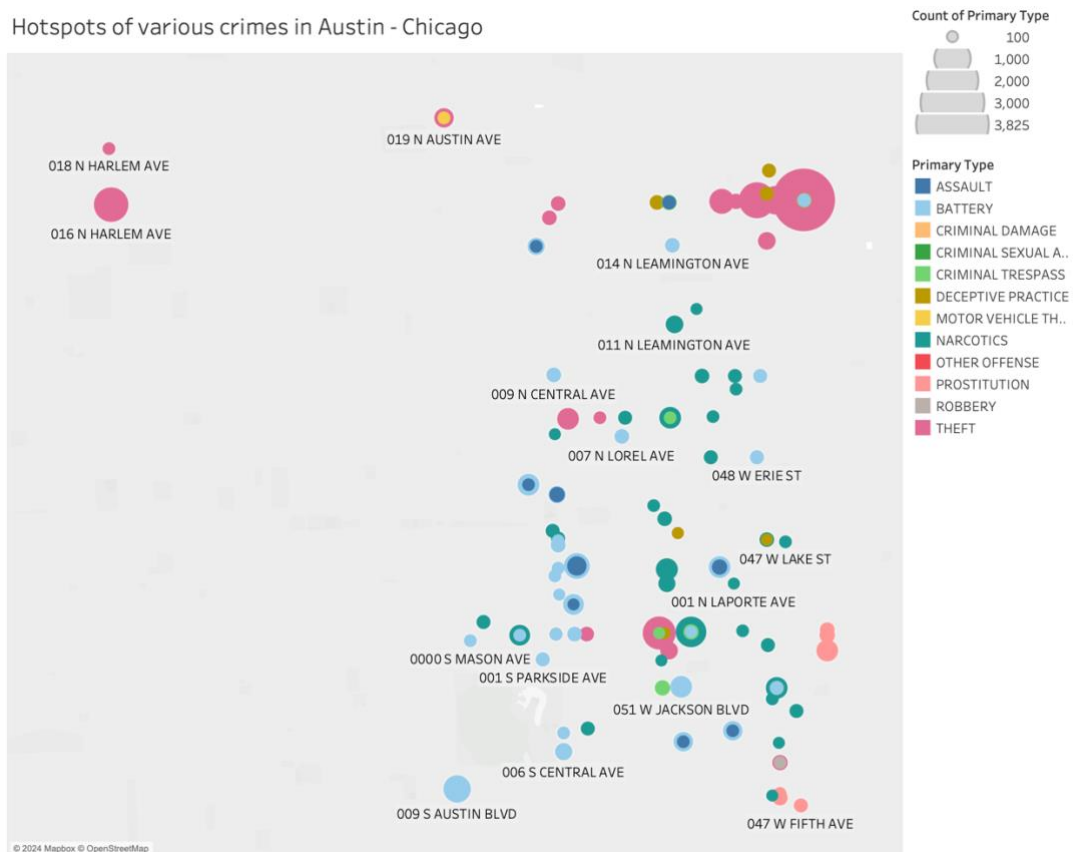**Austin, Near North Side, and South Shore** are major crime hotspots.

Battery crimes are a major issue along **South Shore Drive**

Hotspots of various crimes in Near North Side - Chicago

Count of Primary Type
- 100
- 1,000
- 2,000
- 3,000
- 3,825

Primary Type
- ASSAULT
- BATTERY
- CRIMINAL DAMAGE
- CRIMINAL SEXUAL A..
- CRIMINAL TRESPASS
- DECEPTIVE PRACTICE
- MOTOR VEHICLE TH..
- NARCOTICS
- OTHER OFFENSE
- PROSTITUTION
- ROBBERY
- THEFT

015 N CLYBOURN AVE
013 N WELLS ST
013 N SEDGWICK ST
011 N ORLEANS ST
010 N CLARK ST
007 N FRANKLIN ST
004 E OHIO ST
005 N KINGSBURY ST
004 N MC CLURG CT
002 W MERCHANDISE MART PLZ
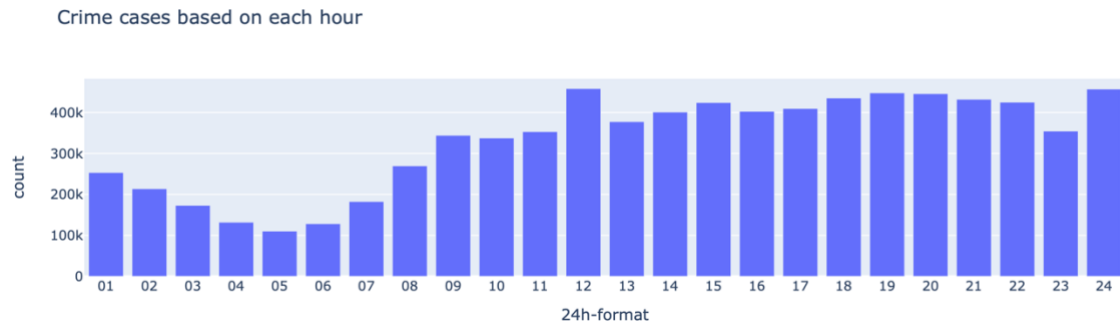
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Downtown streets in **Near North Side** see a high concentration of theft and deceptive practice crimes.

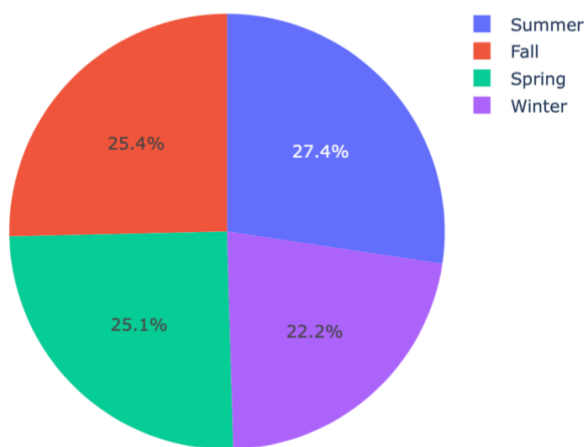## Hotspots of various crimes in Austin - Chicago

Count of Primary Type
- 100
- 1,000
- 2,000
- 3,000
- 3,825

Primary Type
- ASSAULT
- BATTERY
- CRIMINAL DAMAGE
- CRIMINAL SEXUAL A..
- CRIMINAL TRESPASS
- DECEPTIVE PRACTICE
- MOTOR VEHICLE TH..
- NARCOTICS
- OTHER OFFENSE
- PROSTITUTION
- ROBBERY
- THEFT

019 N AUSTIN AVE
018 N HARLEM AVE
016 N HARLEM AVE
014 N LEAMINGTON AVE
011 N LEAMINGTON AVE
009 N CENTRAL AVE
007 N LOREL AVE
048 W ERIE ST
047 W LAKE ST
001 N LAPORTE AVE
0000 S MASON AVE
001 S PARKSIDE AVE
051 W JACKSON BLVD
006 S CENTRAL AVE
009 S AUSTIN BLVD
047 W FIFTH AVE

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Austin, within the **South Shore**, has the highest rate of **narcotics** cases.
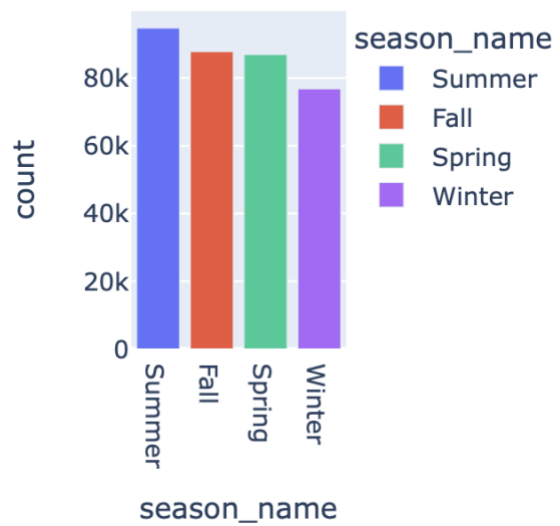
Time patterns

Crime cases based on each hour

Crime experiences a significant increase from **early mornings** (under 200K) to **afternoons**, **evenings**, and **late nights** (over 200K).

Percentage of crime cases based on season

Legend:
- Summer
- Fall
- Spring
- Winter

27.4% Summer
25.4% Fall
25.1% Spring
22.2% Winter

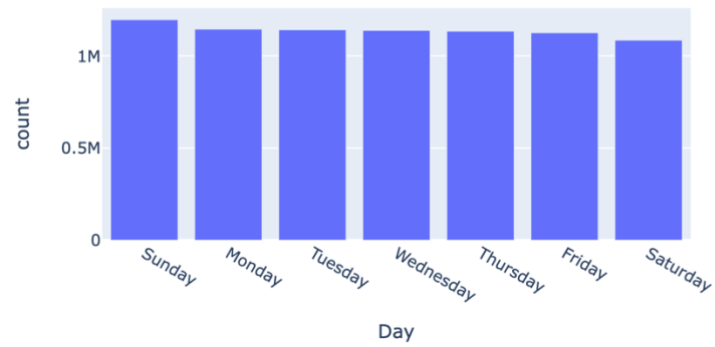### Seasonal Trends

season_name
- Summer
- Fall
- Spring
- Winter

Crime rates follow a seasonal trend, increasing in **summer**, remaining steady in **fall** and **spring**, and declining in **winter**.

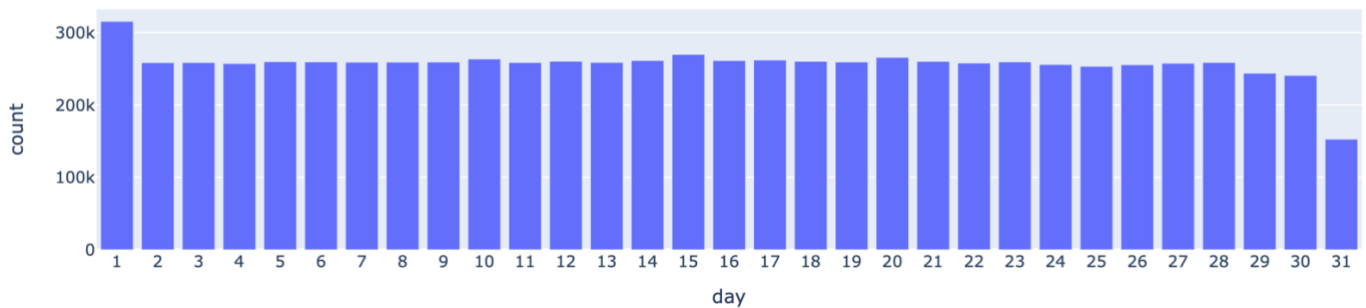### Crime cases count on each month

Summer (July-August) sees the highest crime rates (**31K** - **35K**), with a moderate level in late spring and early **fall** (**30K** - **31K**).

Crime cases count based on day

There are more cases recorded in **Sunday** and slight less than **Saturday**. Rest of the days are almost similar to each other greater than **1M cases**.

Cases count per day

The **first** and **last** days of the month experience significantly more crime than the rest of the month.