Chicago Crime-data report

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[Portfolio](https://tirumaleshn2458.github.io/tirumaleshportfolio.github.io/)

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

**Overall Trend:**

A graph with a line going up

Description automatically generated

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:**

A graph of crime types

Description automatically generated

* 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:**

A map of various crime areas

Description automatically generated

**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.

A map of the united states

Description automatically generated

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

A map of crime and police

Description automatically generated with medium confidence

**Downtown streets** in **Near North Side** see a high concentration of theft and deceptive practice crimes.

A screenshot of a map

Description automatically generated

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

**Time patterns**

A graph of a bar chart

Description automatically generated with medium confidence

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

A pie chart with numbers and a few different colored circles

Description automatically generatedA graph of different seasons

Description automatically generated

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

A graph showing the growth of the month

Description automatically generated

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

A graph of days of the week

Description automatically generated

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**.

A graph of a number of blue bars

Description automatically generated with medium confidence

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