

# Analysis of Chicago Cubs Hitting: Daytime vs Nighttime Averages

## 1 Region and Domain

Chicago, Illinois, United States  
Sports and Athletics

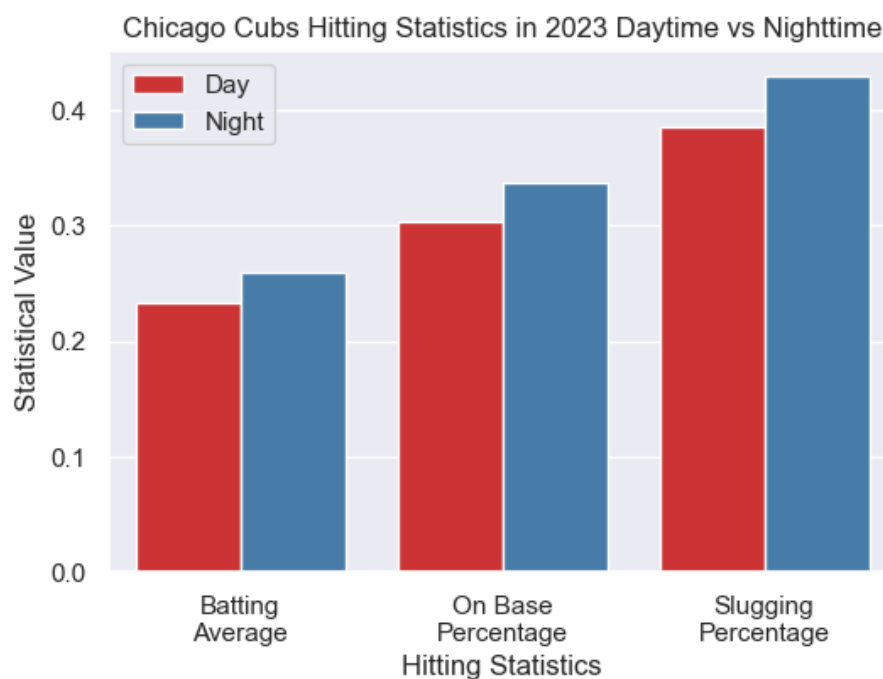
## 2 Research Question

How does the time of day affect the hitting performance of the players in 2023 on the Chicago Cubs, a Major League Baseball team?

## 3 Sources

- <https://stathead.com/tiny/6NtCP>
- <https://stathead.com/tiny/QolvV>

## 4 Visualization



## 5 Conclusion

This bar chart answers the question of how the time of day affected the hitting performance of the players on the Chicago Cubs during the 2023 season. The data was downloaded from the Baseball Reference web site using Stathead tools. Separate tables for daytime and nighttime data were collected, and hitting performance was measured using three common hitting performance measures: batting average, on-base percentage, and slugging percentage.

This plot indicates that the Cubs hitters performed better during the nighttime, even though their team had one of the highest percentages of daytime games, 44.4%. In comparison, the percentage for the Los Angeles Dodgers, the team with the fewest daytime games, was only 29.6%. One would assume that the Cubs would adjust their performance and hit better during the day, but the data shows the opposite. And since a lower percentage of their games were at night, it would seem to indicate that they were at a disadvantage competing against other teams.