

# Peak Hour Analysis for Pickups and Drop-offs (2014-2023)

## NYC Green trips

### Insights from the Chart:

#### Peak Pickup and Drop-off Hours:

The chart indicates that the highest pickup and drop-off counts occur around the evening hours, specifically between 5 PM and 7 PM.

The peak hour for pickups is at 6 PM, while the peak for drop-offs is slightly higher at 7 PM.

#### Gradual Decline Post-Evening Peak:

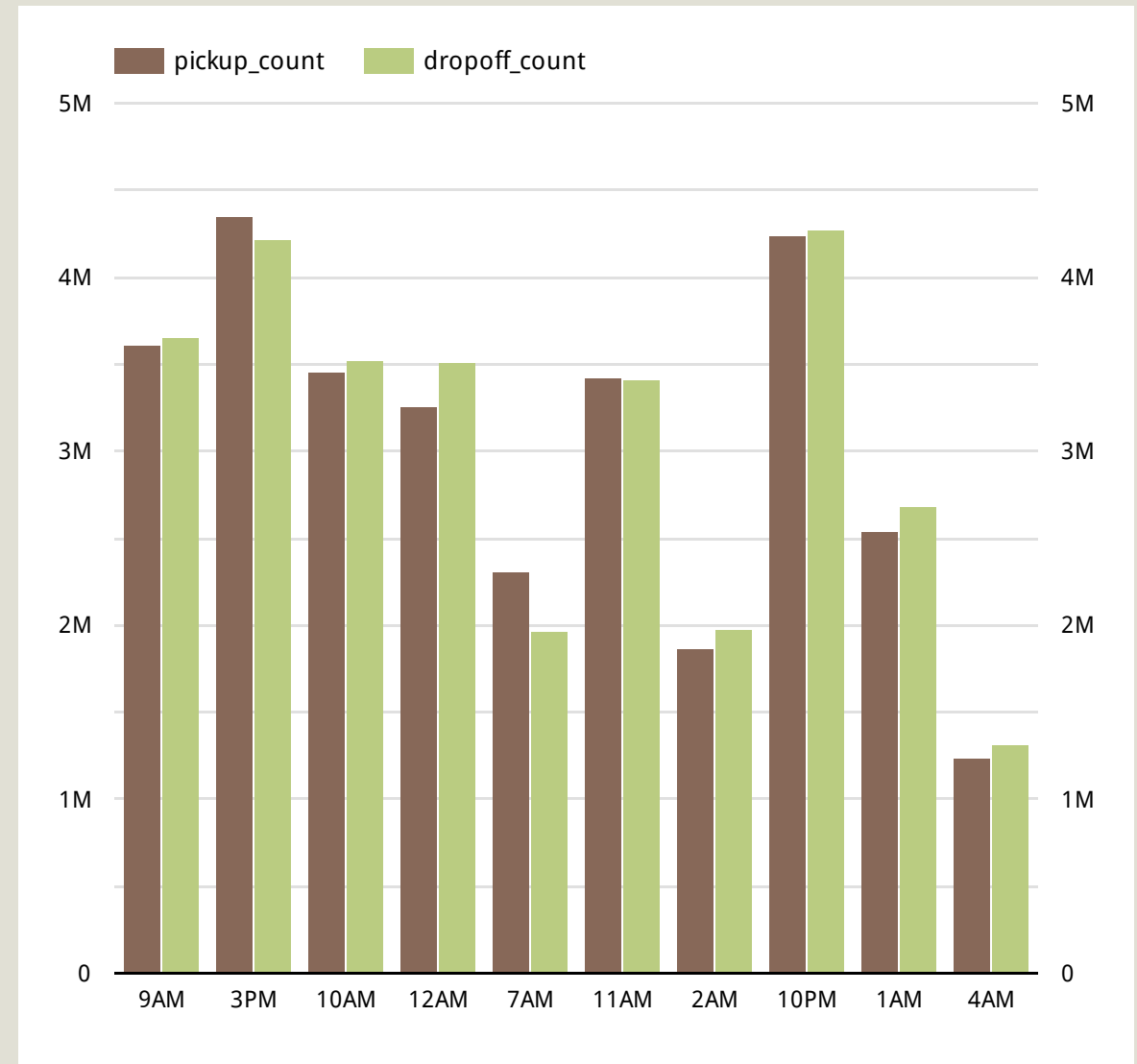
After 8 PM, both pickup and drop-off counts start to decline gradually. The volume remains relatively high until about 10 PM, indicating that there is still significant activity in the late evening.

#### Late Night and Early Morning:

There is a noticeable drop in trip volumes during late night and early morning hours (e.g., 11 PM), which is typical as fewer people are traveling during these times.

#### Summary

The chart shows a clear pattern of higher trip volumes during the evening rush hours, with the peak occurring between 5 PM and 7 PM. There is a gradual decline in activity post-evening, with lower but still significant activity until around 10 PM. Midday and late-night hours see relatively lower trip volumes. These insights can help in resource planning, service optimization, and targeted marketing strategies to better serve the high-demand hours for NYC green taxis.



**Note:** Green Taxis officially known as Boro Taxis, these are green-colored taxis introduced by the New York City Taxi and Limousine Commission (TLC) to provide taxi service in the outer boroughs (Bronx, Brooklyn, Queens, and Staten Island) and upper Manhattan (above East 96th Street and West 110th Street).