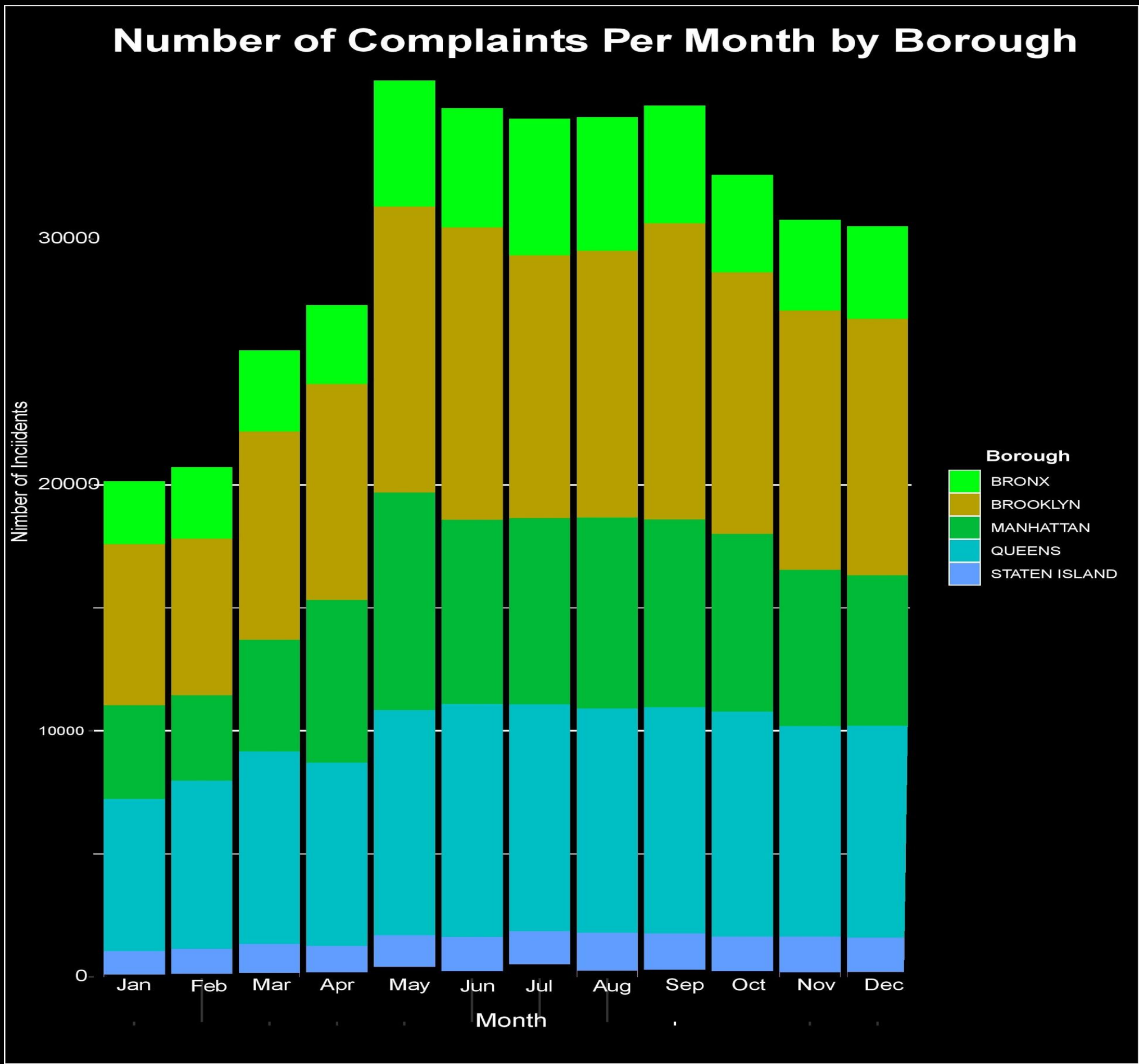


Analysis of 311 Calls in New York City

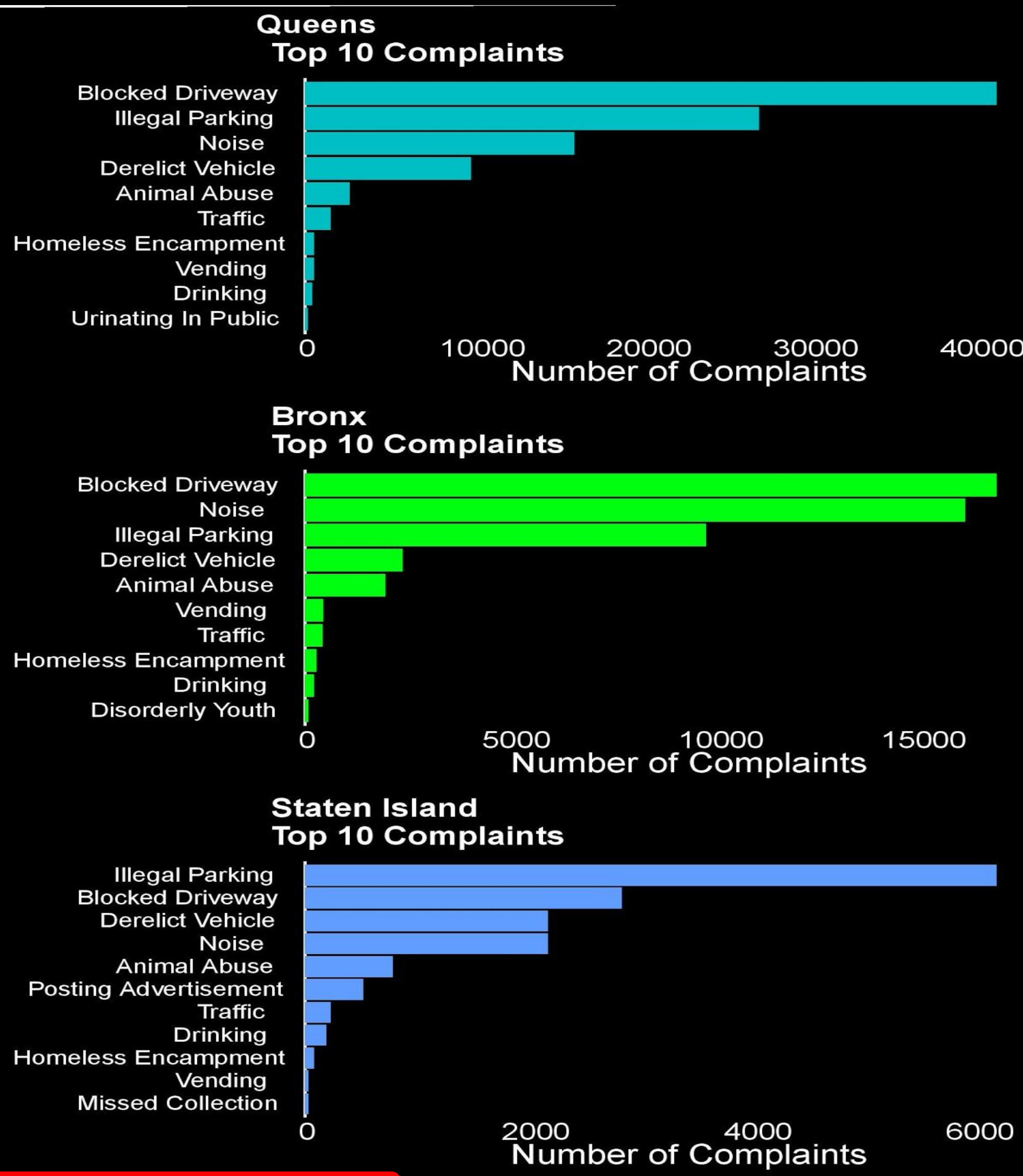
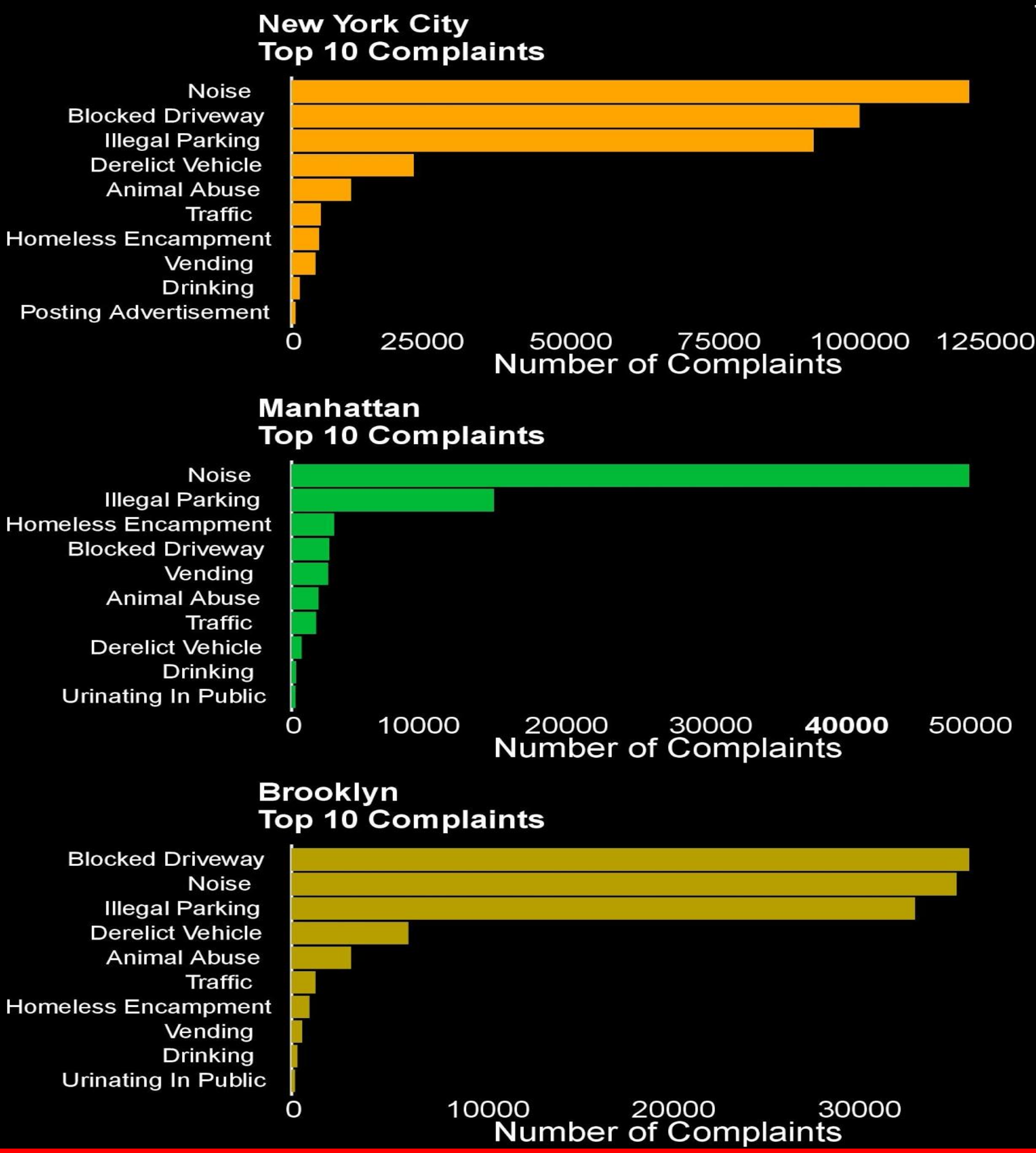
Poster Story and Motivation: We analyzed 311 calls in NYC. 311 calls are non-emergency phone calls people make in different cities to find information about services, make complaints, and report problems. This analysis aims to answer four research questions 1) What are some of the safest places to live in NYC? 2) What are some of the safest places to live in NYC? 3) Is there a correlation between the event and how fast the police responded? 4) And Is there a correlation between location (zip code or county) and how fast police responded? People who are concerned with their safety would be interested in our analysis. Our analysis gives an understanding of the various types of common issues in different neighborhoods.

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IST 719 Data Visualization

Does the number of complaints call change with change in month?



Which is the most common type of complaints in different neighbourhood?

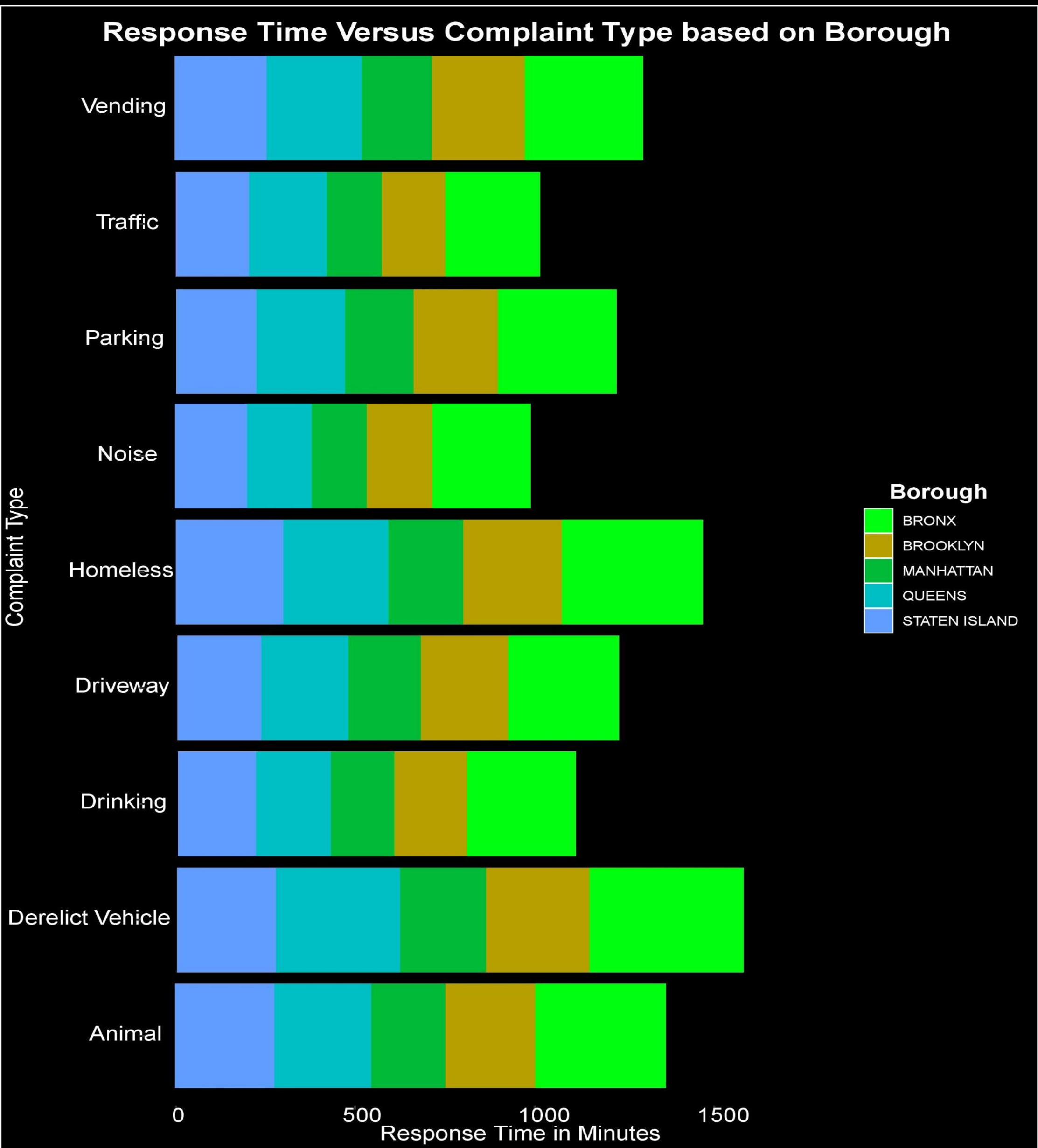


- Audience:**
- NYC Residents
 - People who are looking for housing in NYC.
 - Visitors who are looking for a safe place to stay like an Airbnb or a hotel.

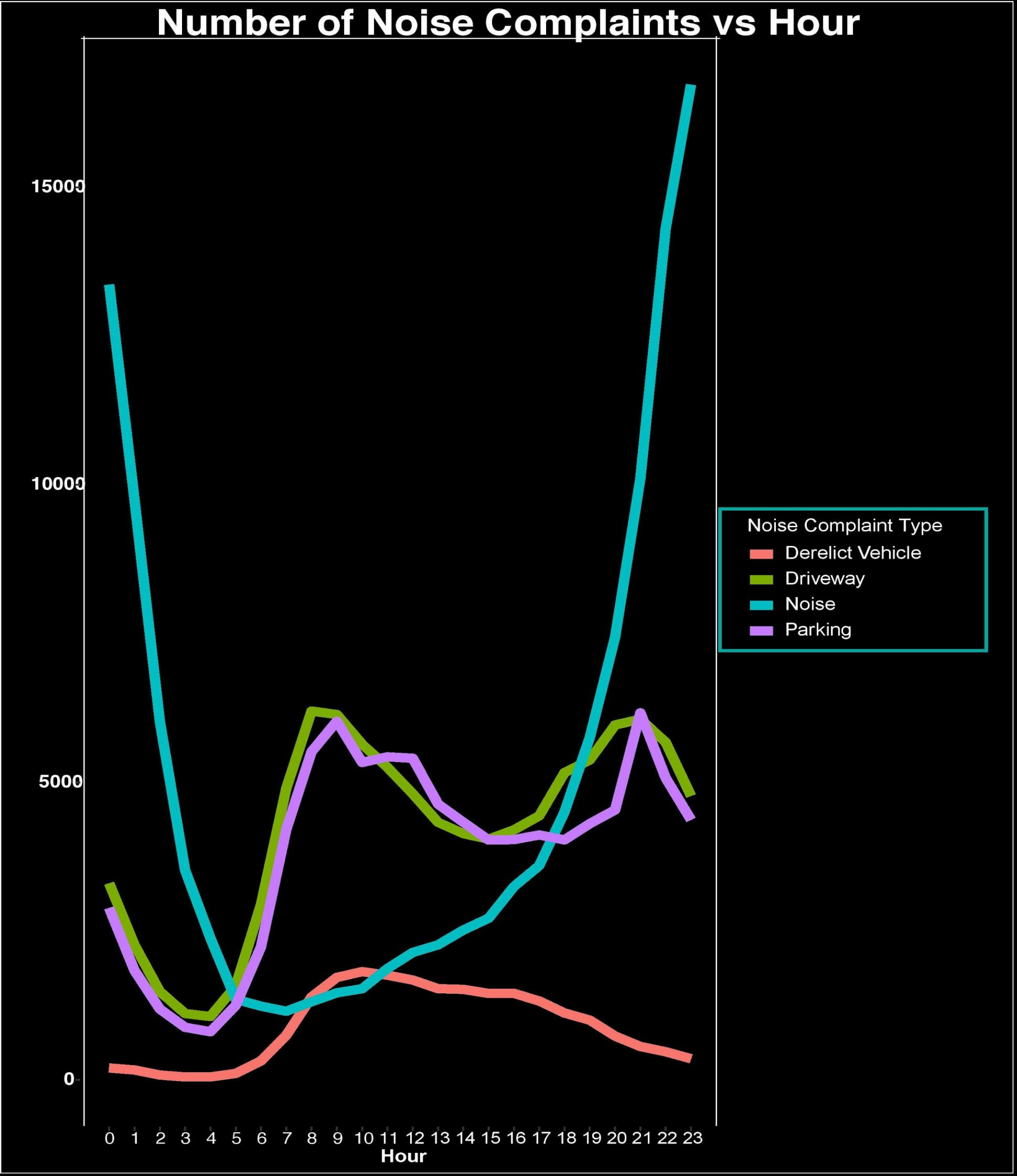


The dataset has 364559 rows and 54 columns. The data gives details on 311 calls made in the NYC area. We have done data cleaning and calculated a few columns like response time so that the data is a better fit for our analysis.

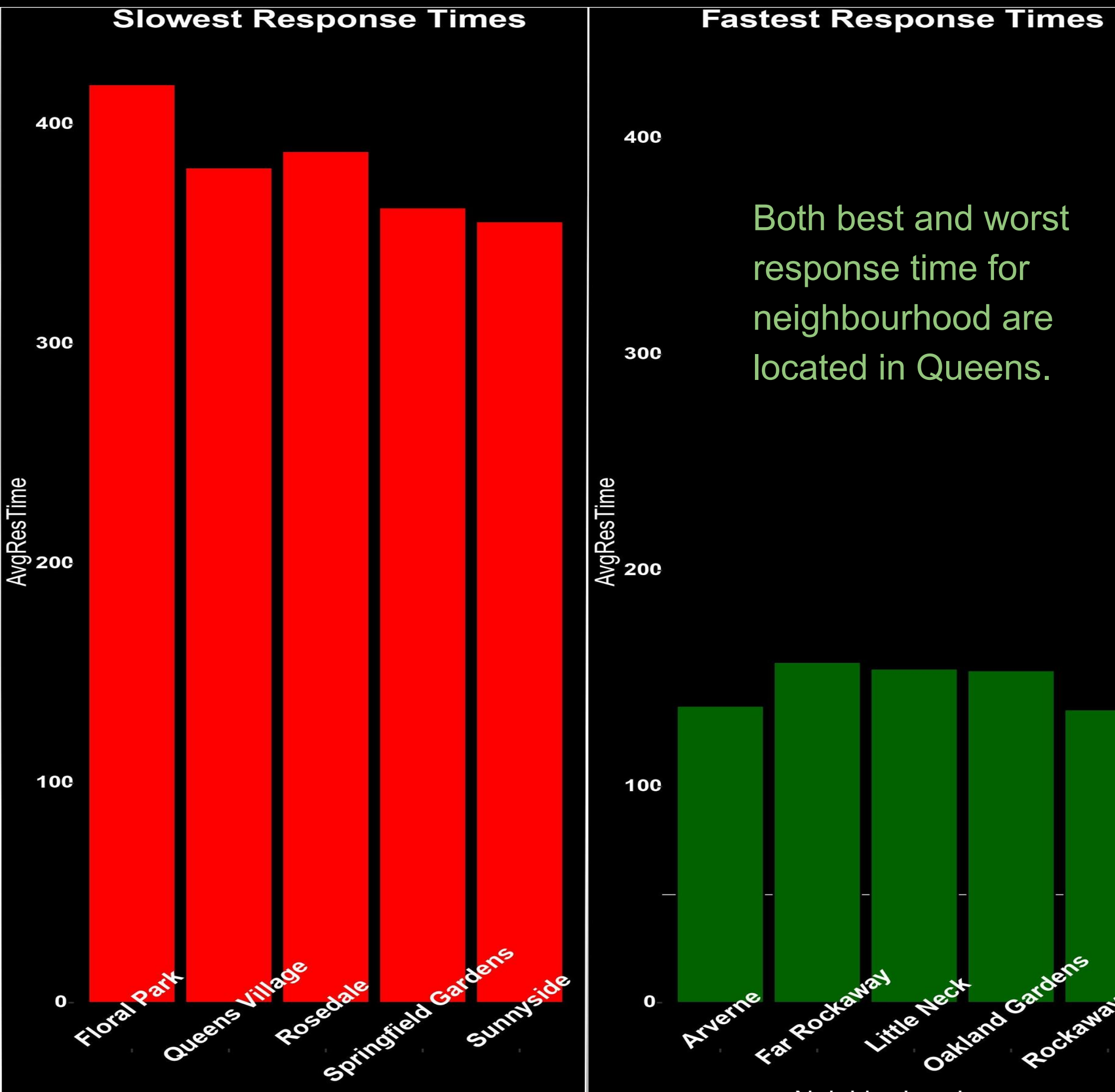
What are the different types of complaints made by borough?



Does the number of noise complaint differ depending on the hour of the day?



Comparison between best and worst response time (in minutes) around different neighborhoods?



Source: <https://www.kaggle.com/sherinclaudia/nyc311-2010>