

NOISE COMPLAINTS ANALYSIS – PEAK 311



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Introduction and Contextualizing the Data

Context for Stakeholders



Given Acentech's specialization in acoustic consulting, noise, and vibration control, the focus is going to be on how the 311 Noise Complaint data can pinpoint areas where advanced acoustic solutions are most needed. This data will help identify neighborhoods with high noise complaints, and provide insights into the patterns and intensity of noise pollution.

Introduction to the Data



The dataset provides an overview of different noise complaints across neighborhoods in New York City. It includes insights into high-incidence areas and distribution of complaints to help Acentech prioritize interventions and tailor solutions for the specific types of noise disturbances present in each area.

Strategic Context



For Acentech, understanding the distribution of noise complaints is crucial for:

- Identifying "hotspots" where interventions are needed.
- Tailoring solutions (e.g., sound barriers, vibration control) based on complaint types.

**OK, NOW LETS LOOK AT
SOME DATA**

Noise Complaints Analysis by PEAK 311

Total Noise Complaints Over The Years

Year

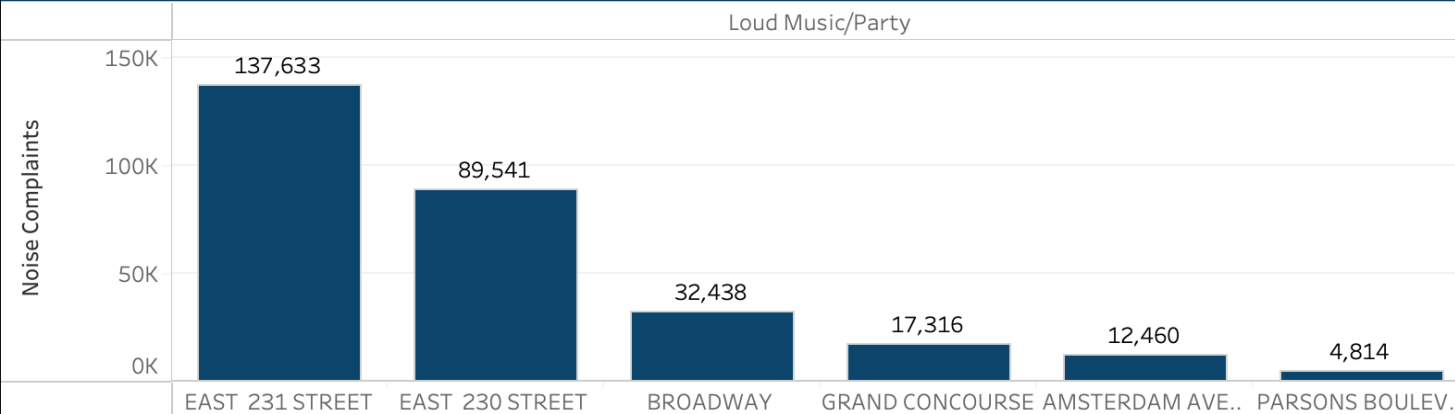
(AII)

3,586K

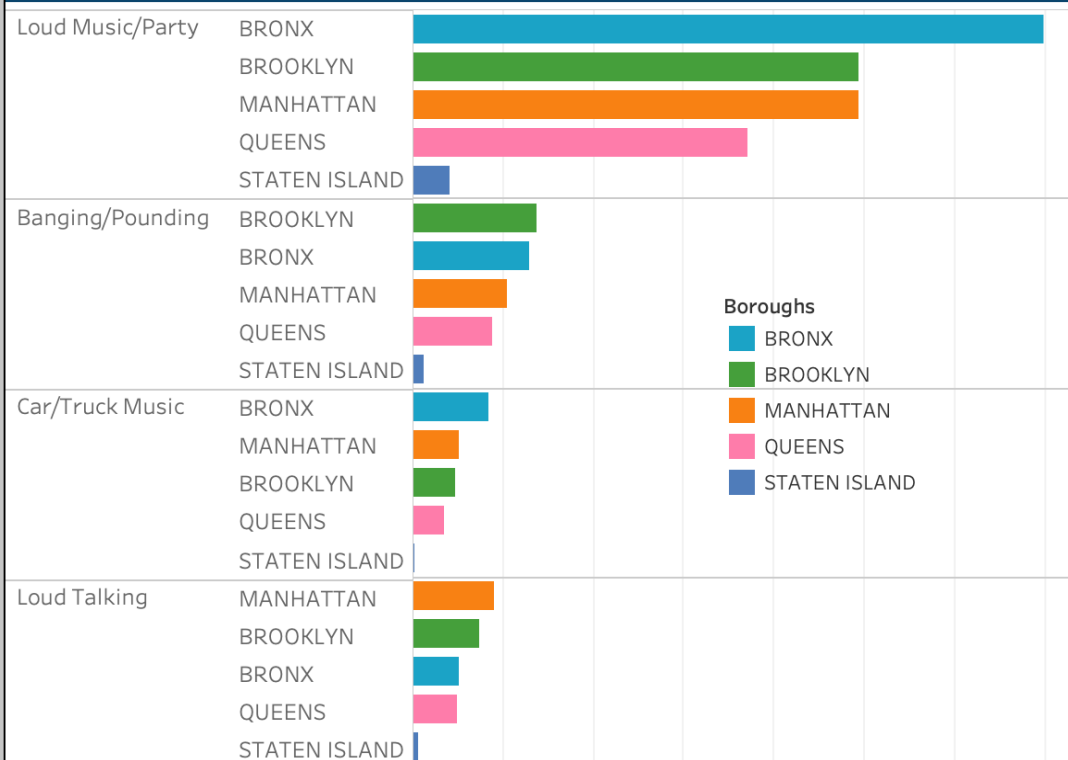
Percentage of Total Noise Complaints by Borough

BRONX	28%
MANHATTAN	27%
BROOKLYN	24%
QUEENS	19%
STATEN ISLAND	2%

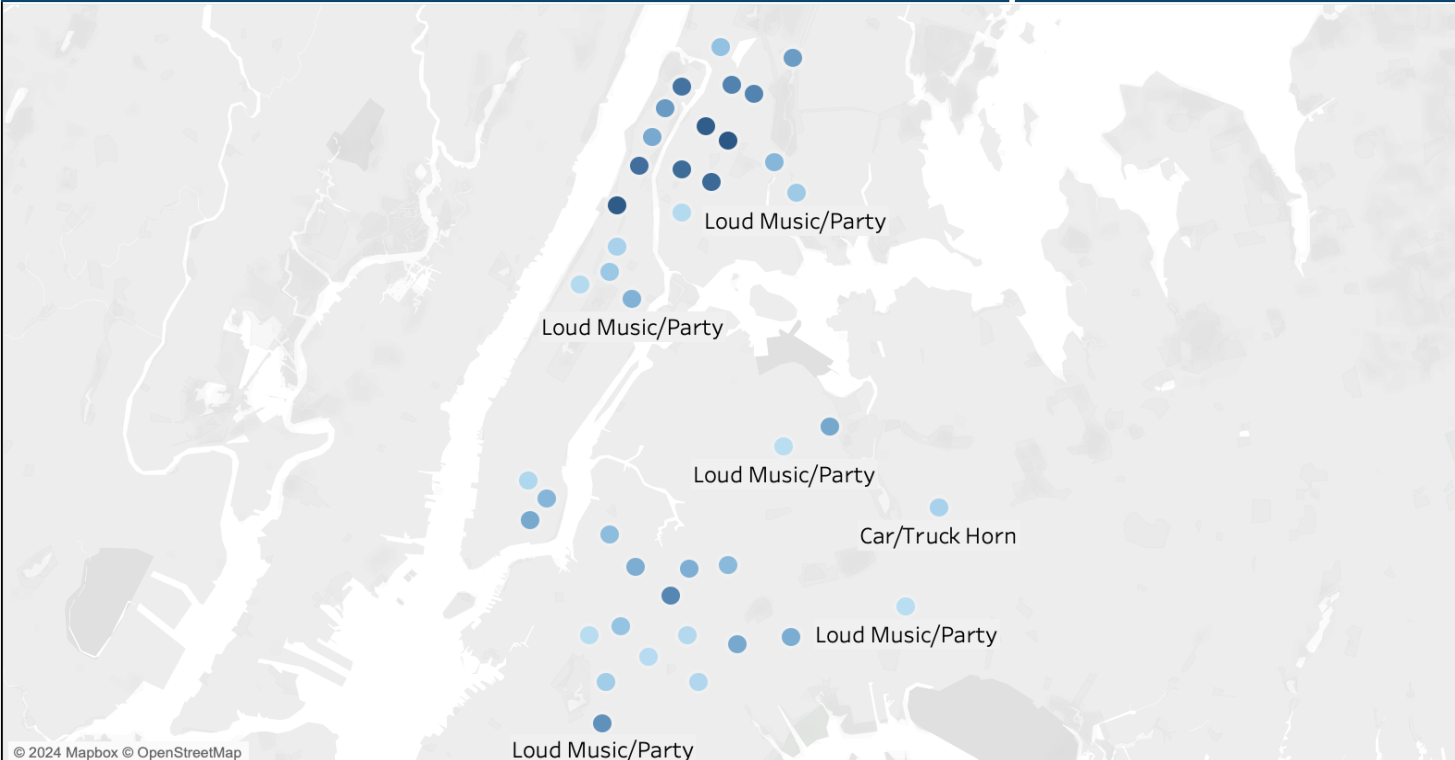
Top Streets for Loud Music Complaints



Main Complaints Type By Borough



Major Complaints in New York by Zip Code



Total Noise Complaints Over The Years

Year

(All)

3,586K

Total Noise Complaints Over The Years

Year

2020

803K

Total Noise Complaints Over The Years

Year

2021

768K

Total Noise Complaints Over The Years

Year

2022

740K

Total Noise Complaints Over The Years

Year

2023

686K

Total Noise Complaints Over The Years

Year

2024

589K

Percentage of Total Noise Complaints by Borough

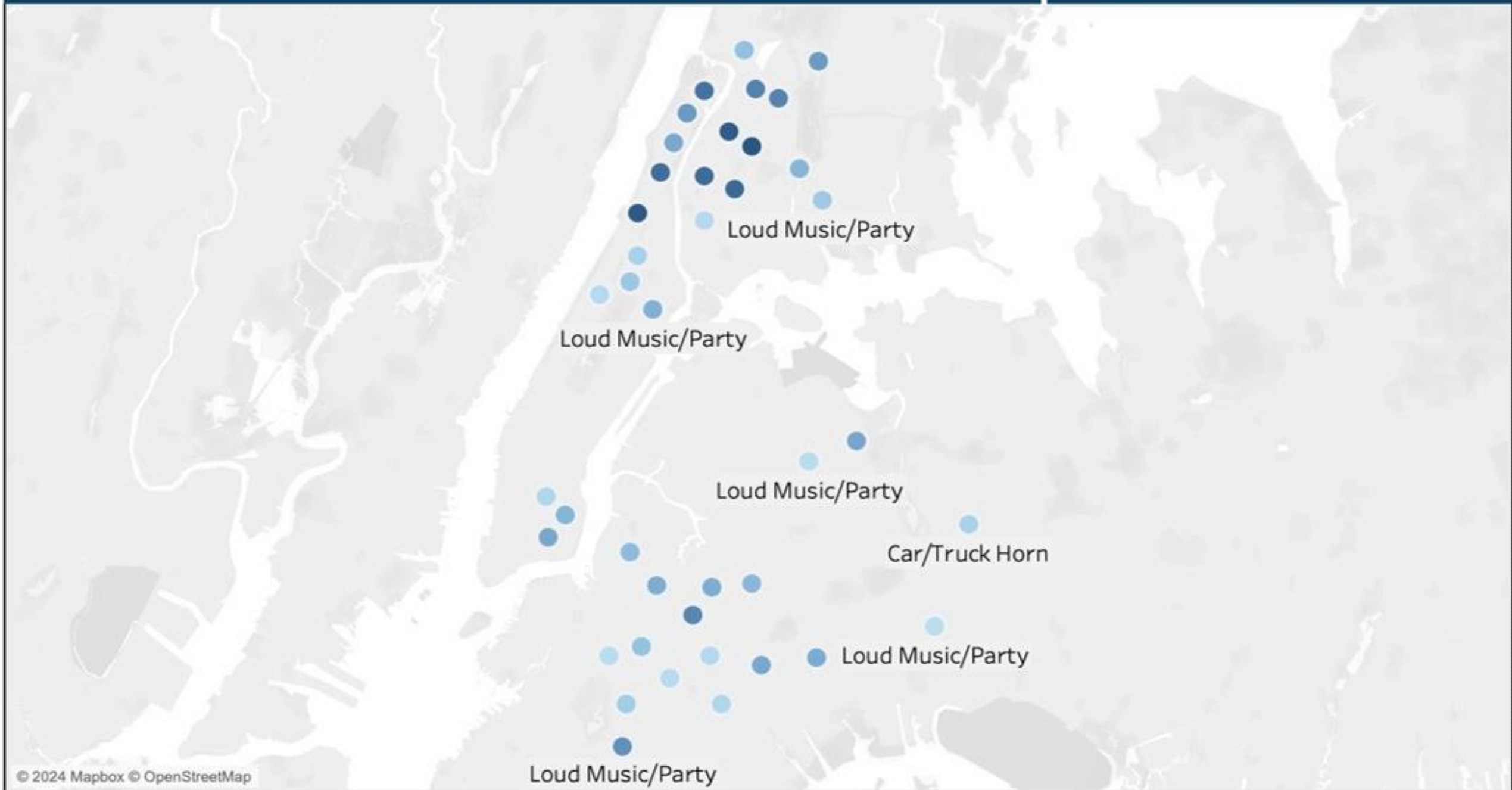
BRONX	28%
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Major Complaints in New York by Zip Code

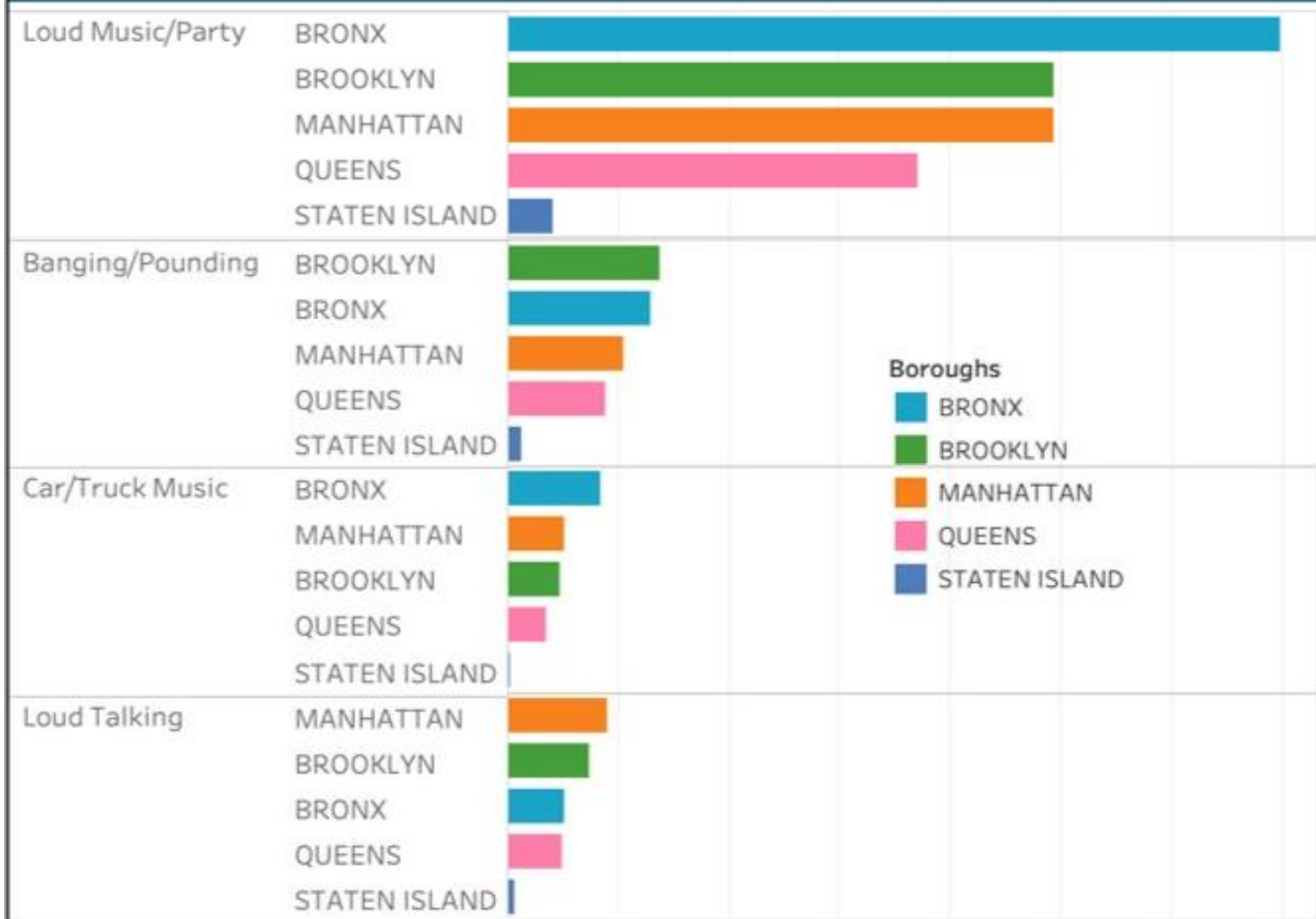
16,564



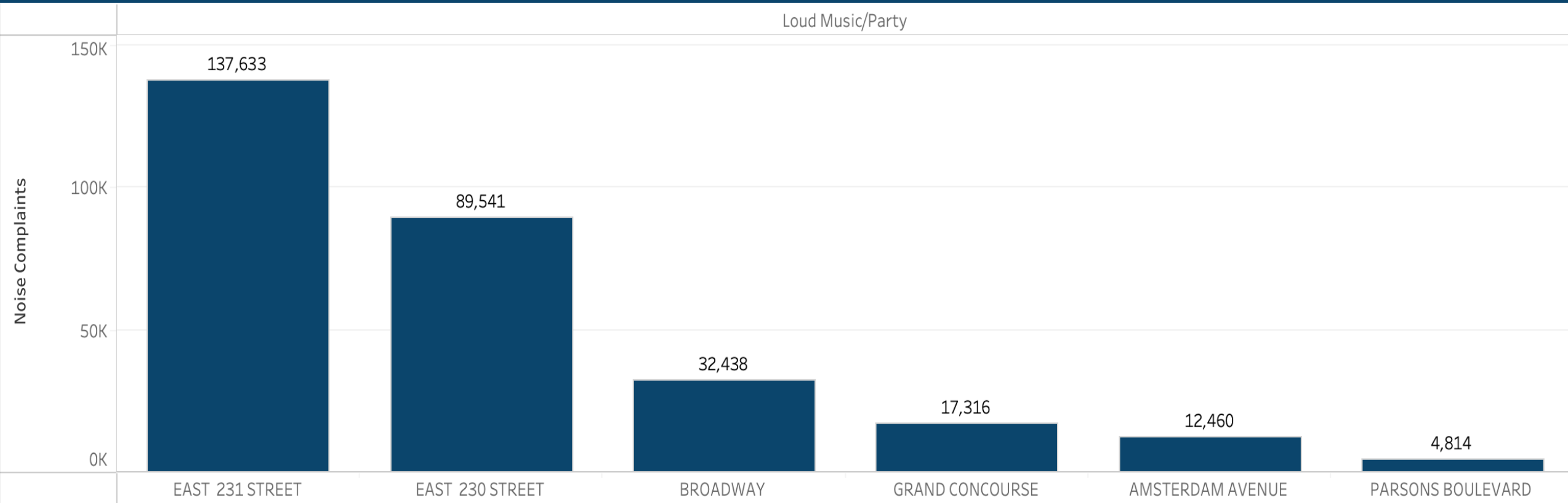
43,685



Main Complaints Type By Borough

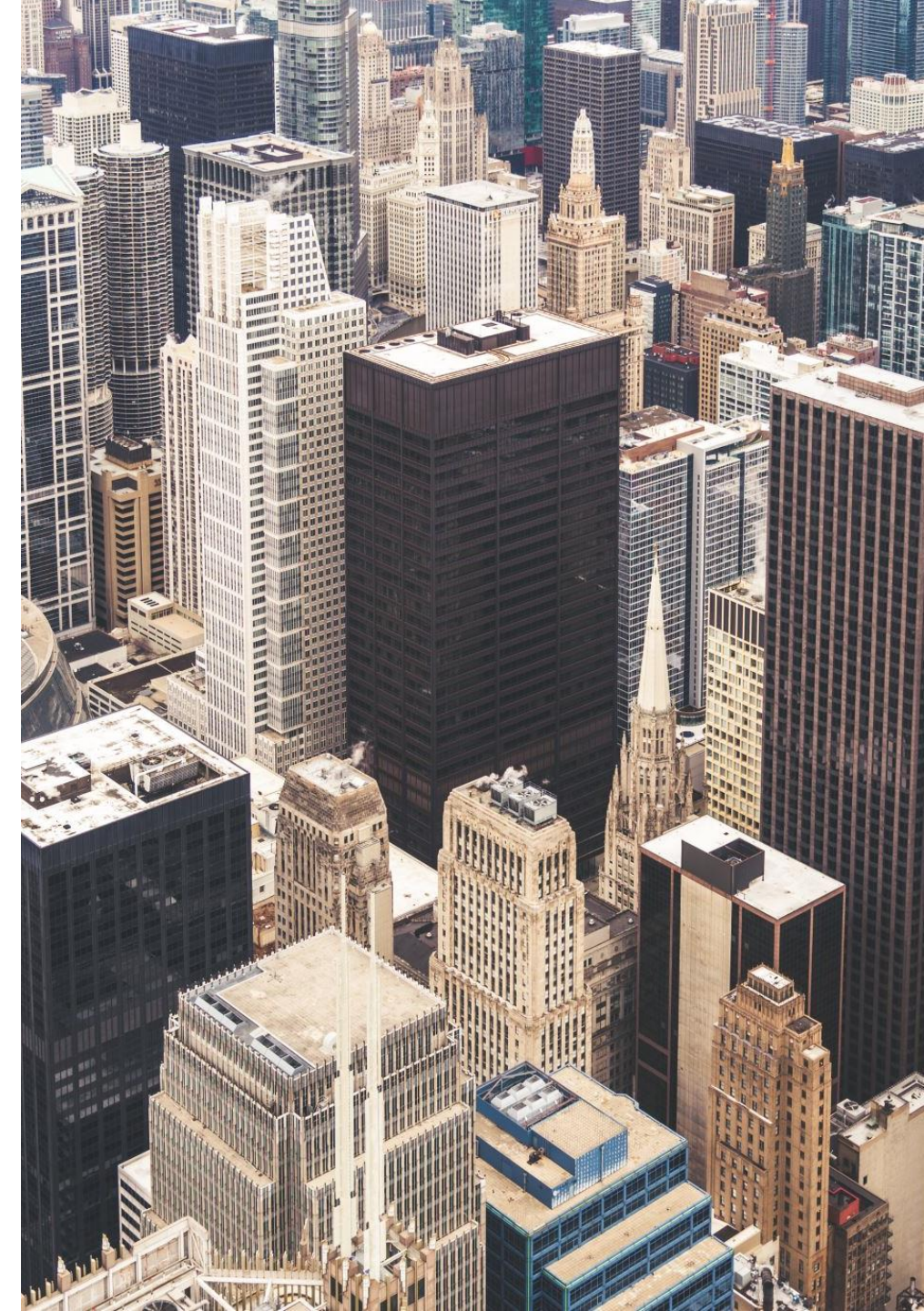


Top Streets for Loud Music Complaints



Insights for Stakeholders

- **High-Impact Areas:** Bronx, Brooklyn, and Manhattan should be prioritized due to their high complaint volumes. These boroughs represent the greatest need for noise control measures.
- **Street-Level Focus:** Streets like East 231 Street and East 230 Street stand out as critical hotspots, suggesting targeted measures in these locations
- **Customized Strategies:** Each place has unique challenges, from nightlife noise in Manhattan and Brooklyn to vehicle-related noise in the Bronx, requiring tailored approaches.



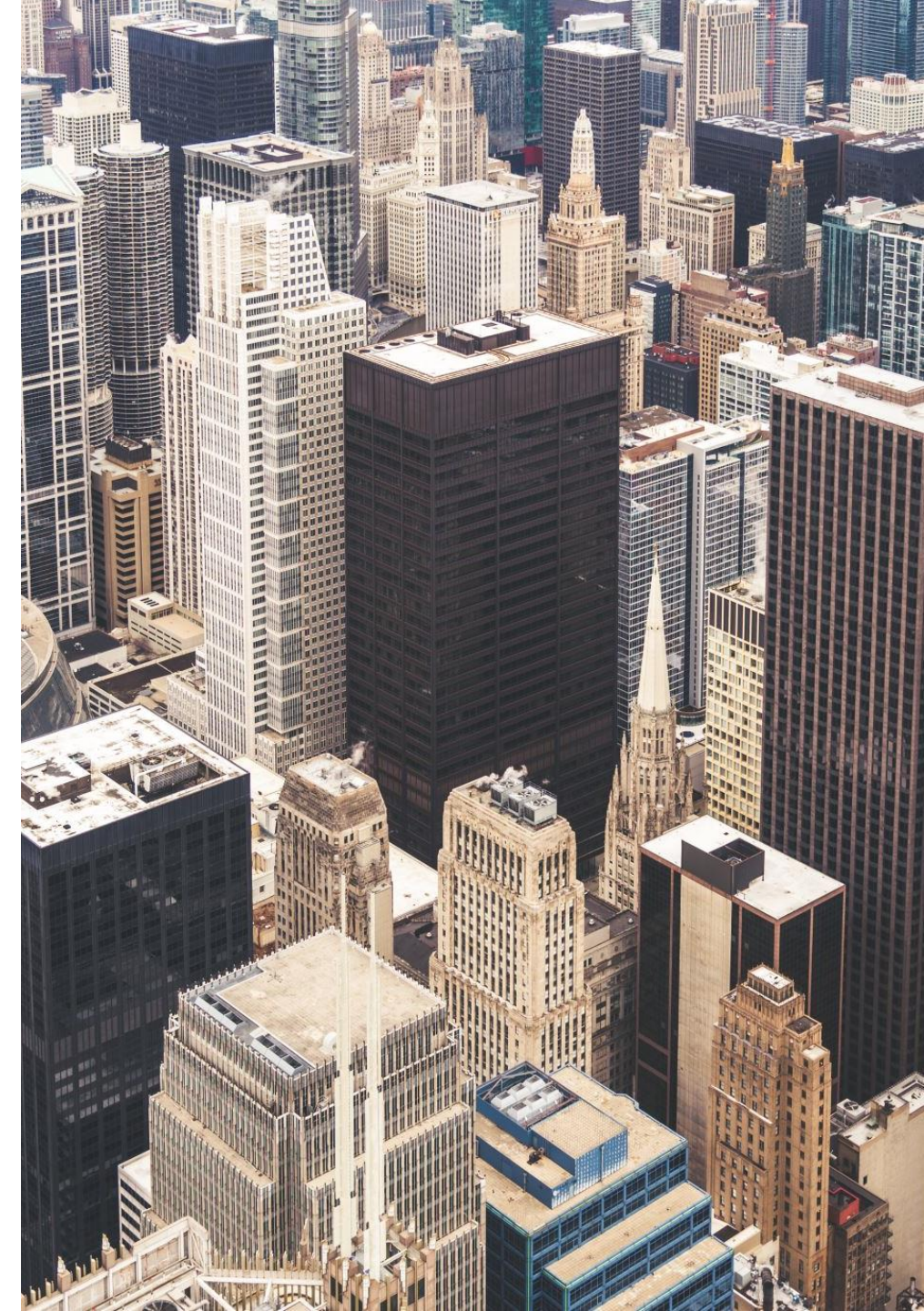
Insights - Actions

Going forward. Knowing what you know now

- **Target marketing:**
 - Go to who needs you. You know the exact streets and places
 - Save money in marketing

Market tailored noise control solutions to restaurants, bars, and venues operating in high-complaint zones

- **More accurate material deployingng to reduce costs**
 - For all your client in general:
 - Better informed decision for their clients



THANK YOU!