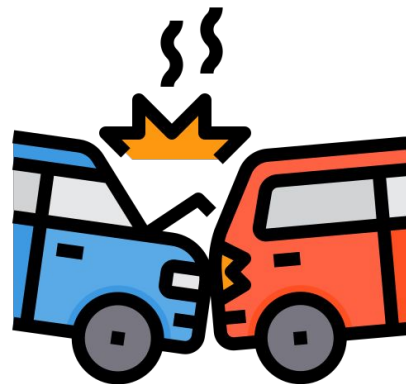

Vision: Zero Results

Revamping NYCDOT's Vision Zero Initiative



Introduction

- Launched in 2014
- Traffic accidents are at an all-time high
- Exacerbated by the pandemic



2021 is de Blasio's deadliest year for car crashes so far despite 'Vision Zero' vow

By [David Meyer](#)

July 21, 2021 | 7:00am | Updated

Data

- 1 million rows of data 2016 - Present
- Focused on 2018 - 2019, 2020 - Oct 2021
- Sampled 750 rows from each year
- 3000 total rows

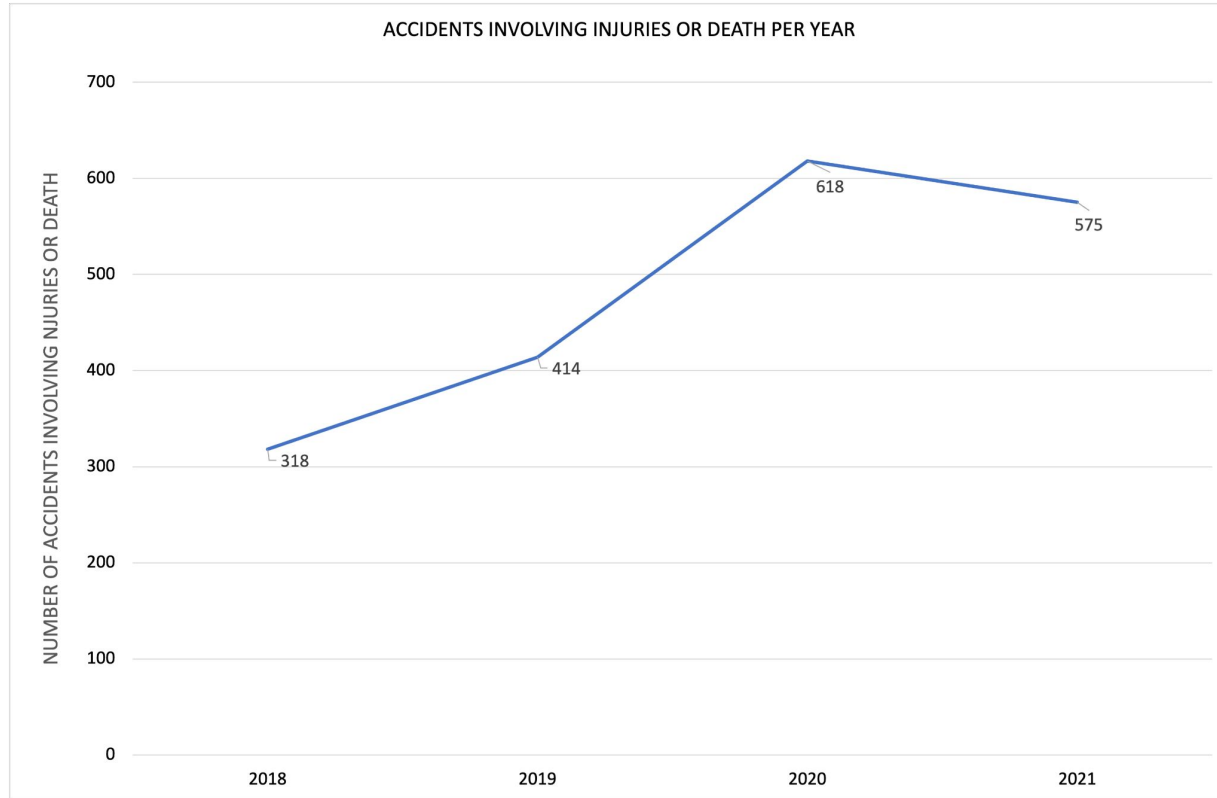


Goals

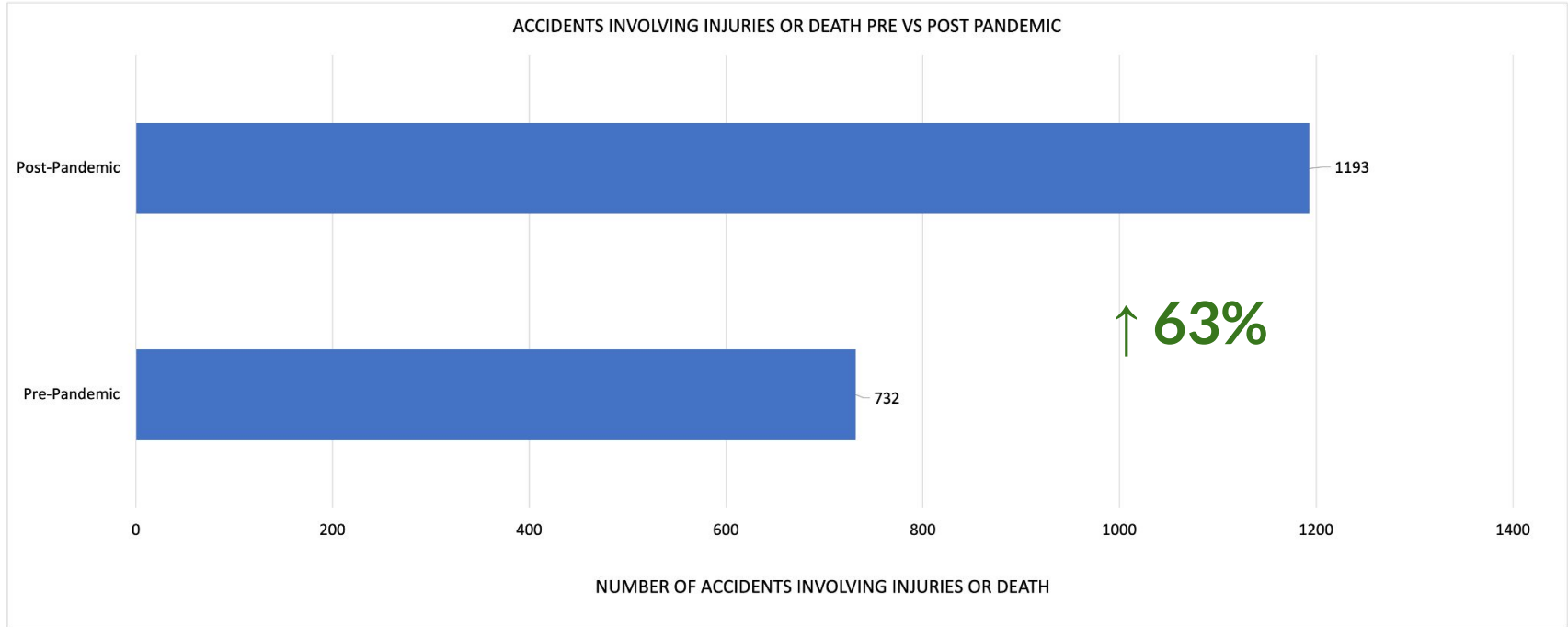
- Identify areas that are prone to traffic accidents
- More effective allocation of resources
- Improve city streets and roads



Initial Analysis

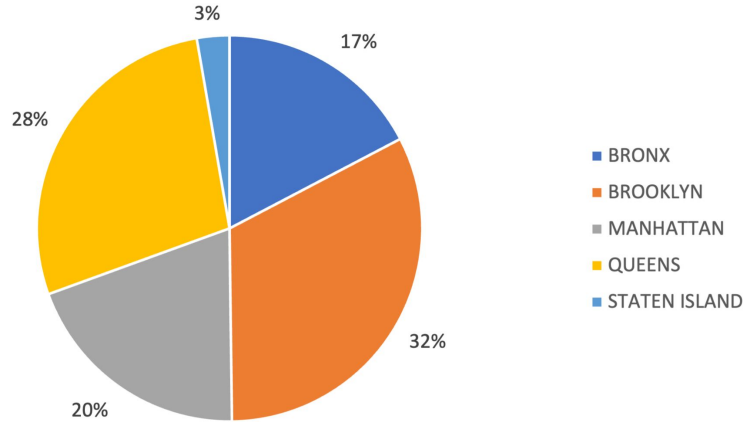


How Has The Pandemic Altered the Landscape?

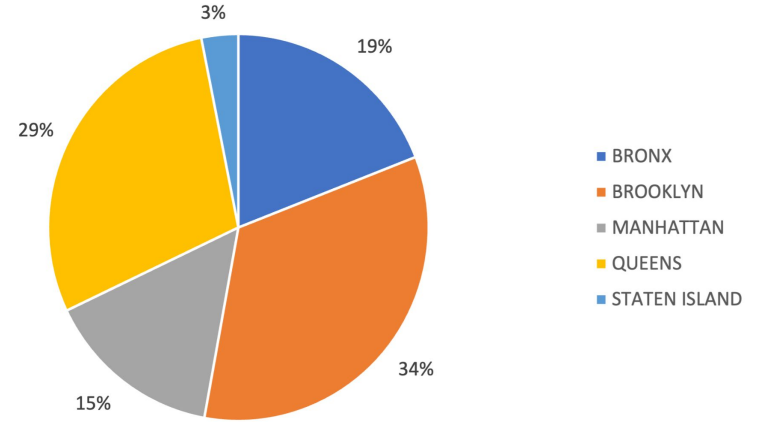


Traffic Incidents Per Borough Before and After COVID

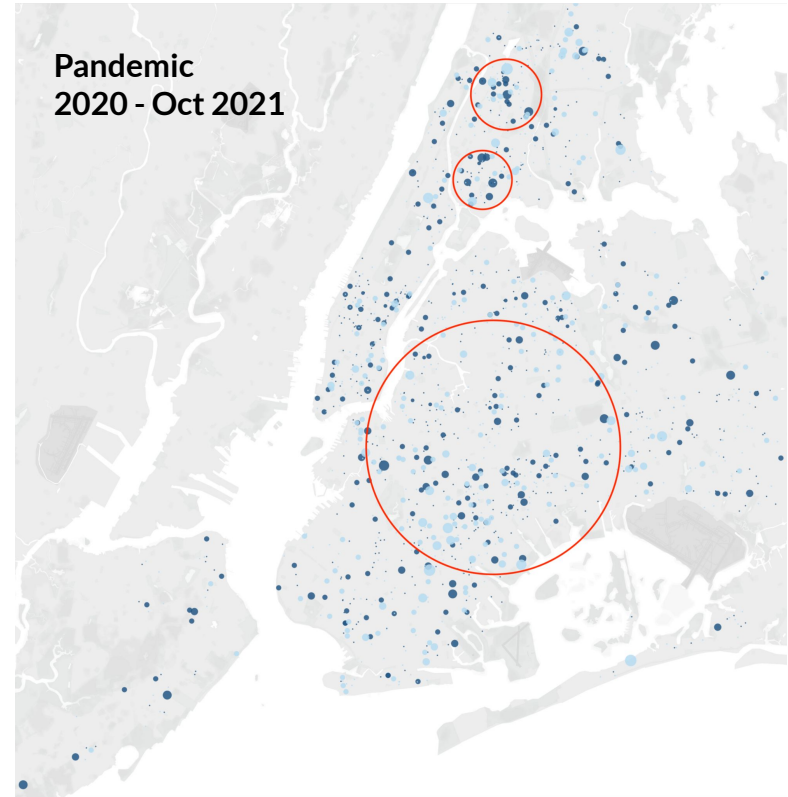
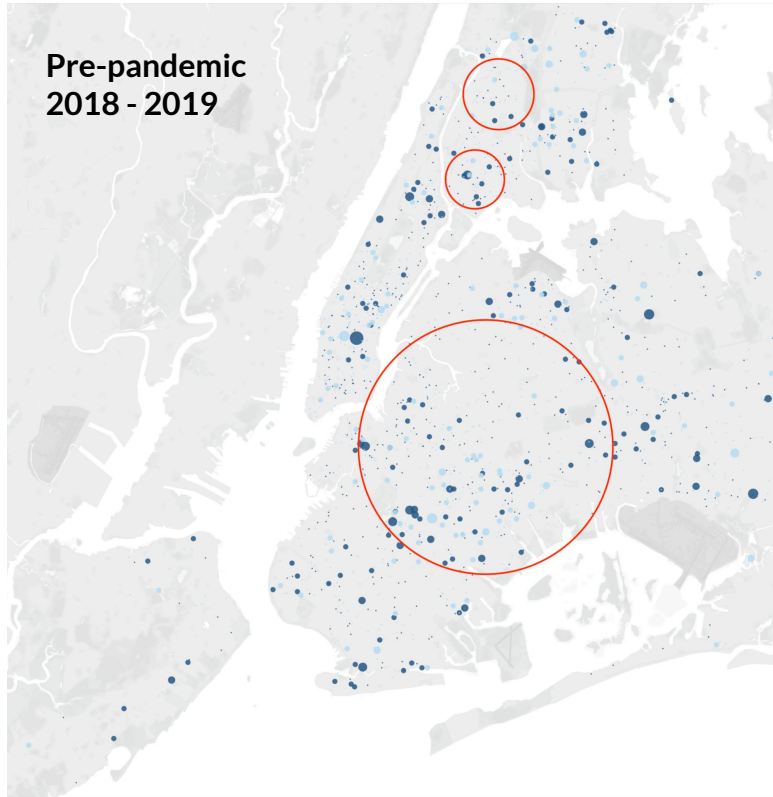
ACCIDENTS PER BOROUGH PERCENTAGE PRE PANDEMIC 2018 -2019



ACCIDENTS PER BOROUGH PERCENTAGE POST PANDEMIC 2020 - 2021

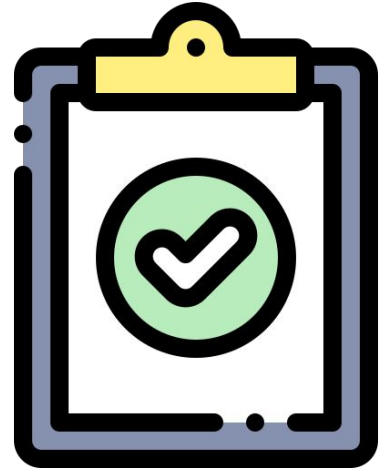


Concentration of Traffic Accidents



Conclusions

- Highest increases were in the Bronx and Brooklyn
- Mostly in residential areas
- Pandemic had deadly effect on city streets and roads



What Can We Do

- Ban the use of electric mopeds
- Install more protected bike lanes
- Add more speed bumps
- Replace 'Stop All Way' signs with real traffic lights



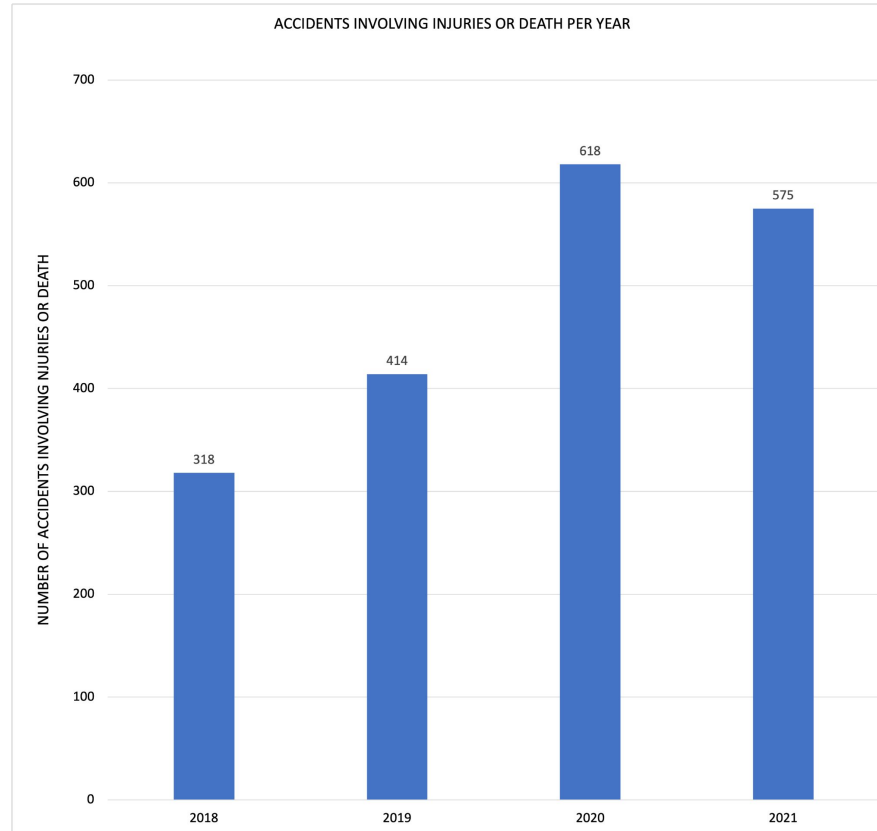
Future Work

- Break down accidents by types of vehicles
- See which zip codes were more prone to accidents
- Get a larger sample to improve accuracy



Thank you!

Appendix



Appendix

