NYPD Collisions Analysis | borough | Vehicle Type | 1 Jul 2012 - 24 Mar 2023 | combination | Contributing Factor | Data From NYPD

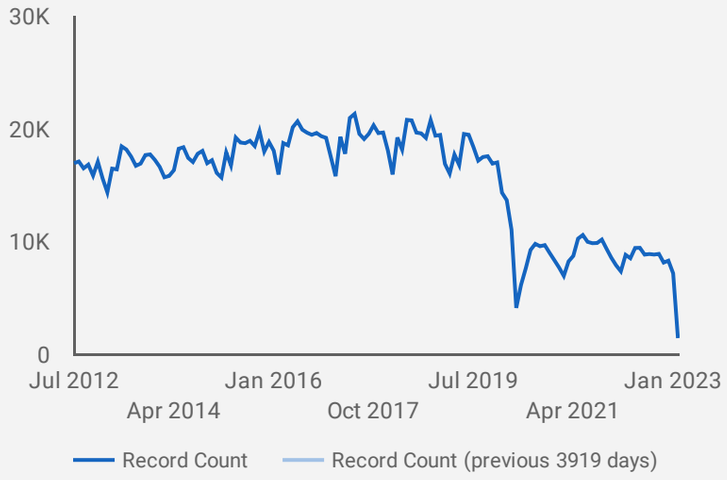
Number of accidents
1,967,681

Number of people injured
582,068

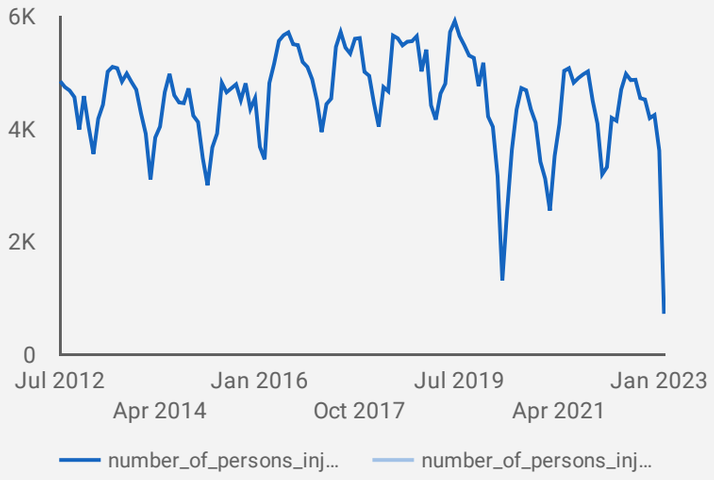
Number of people killed
2,778

Percentage of Accidents with Injuries/Deaths
21.91%

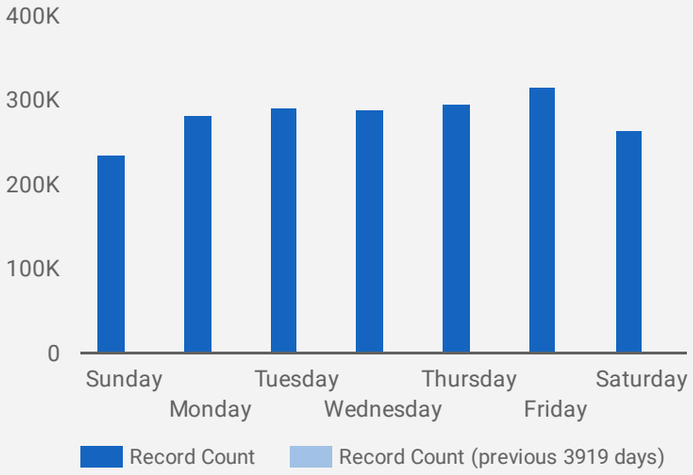
What is the trend of collisions over the years?



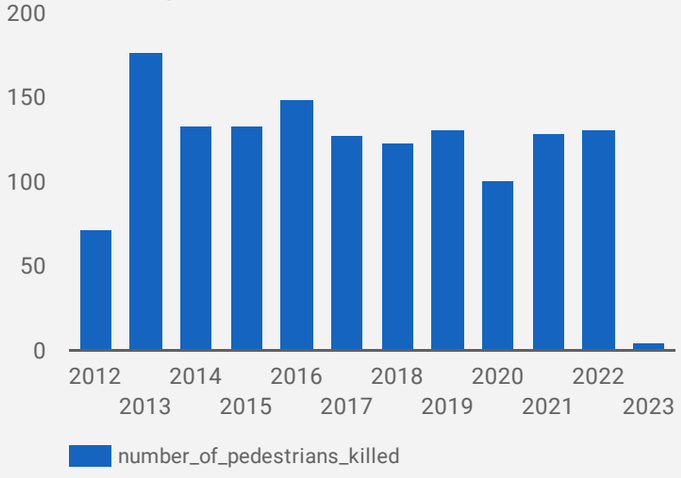
What is the trend of injuries over the years?



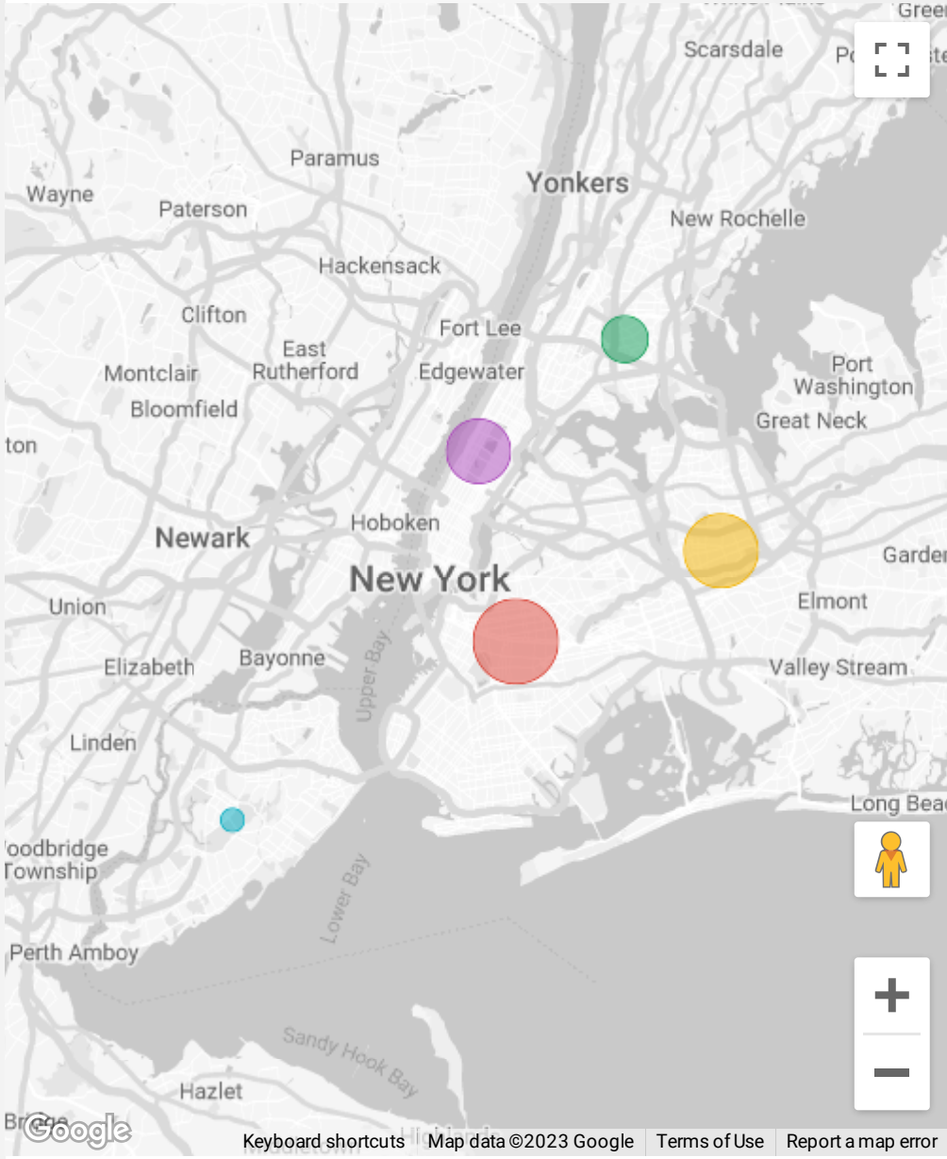
Which day of week sees most collisions?



What is the trend of pedestrian deaths over the years?



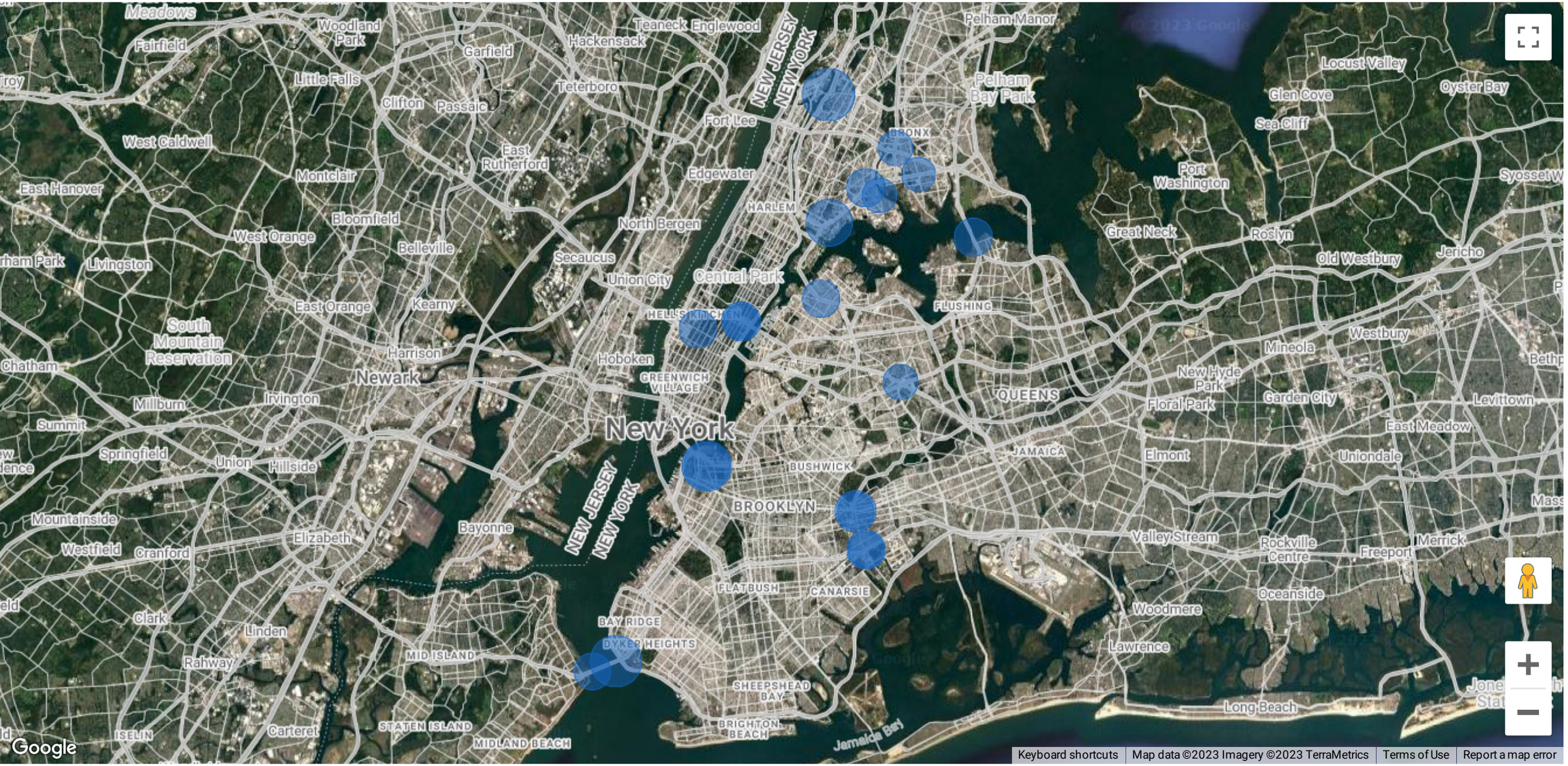
Which area sees the most collisions?



Record Count
55,270 • 418,224

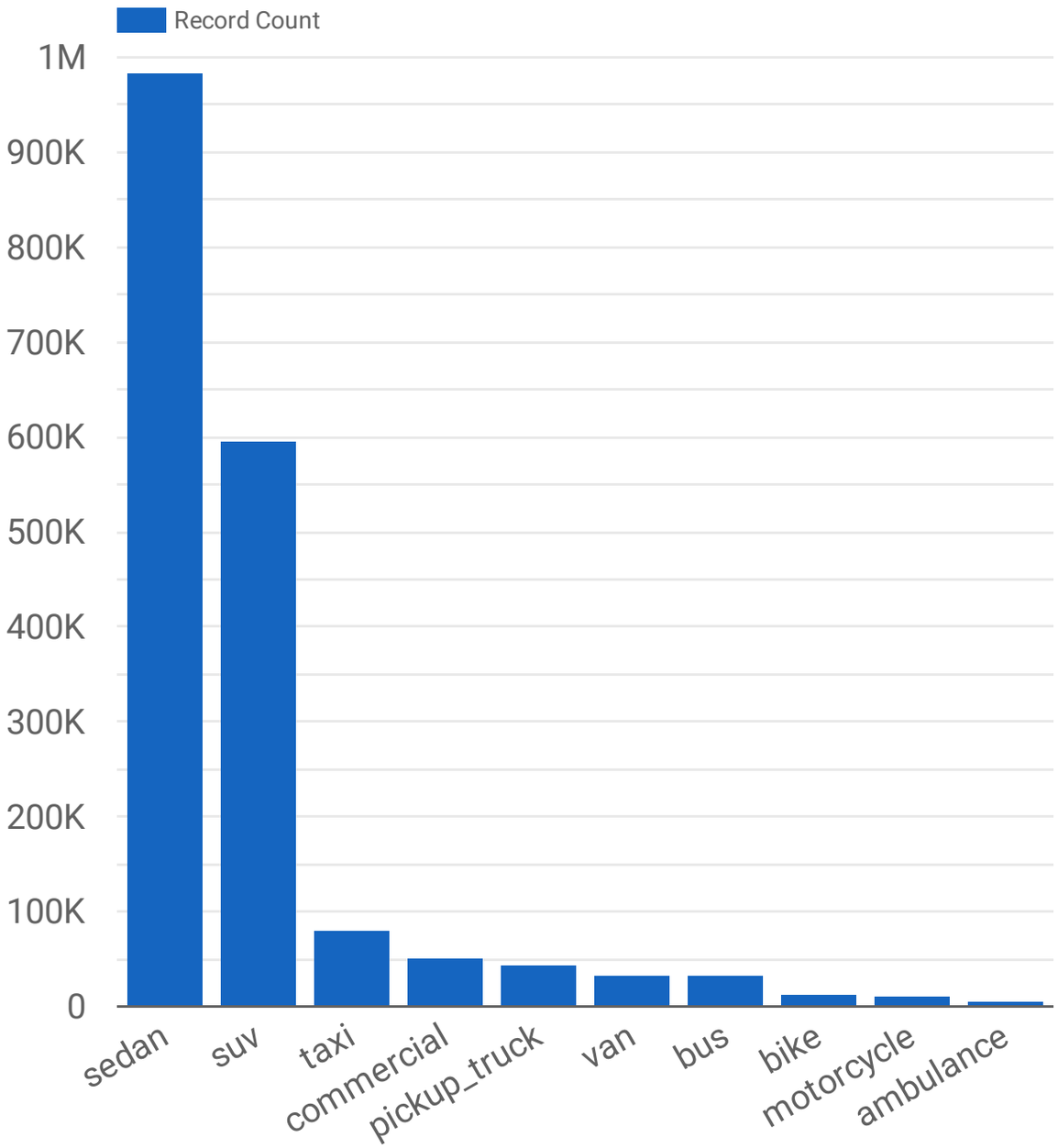
borough
null BROOKLYN QUEENS
MANHATTAN BRONX

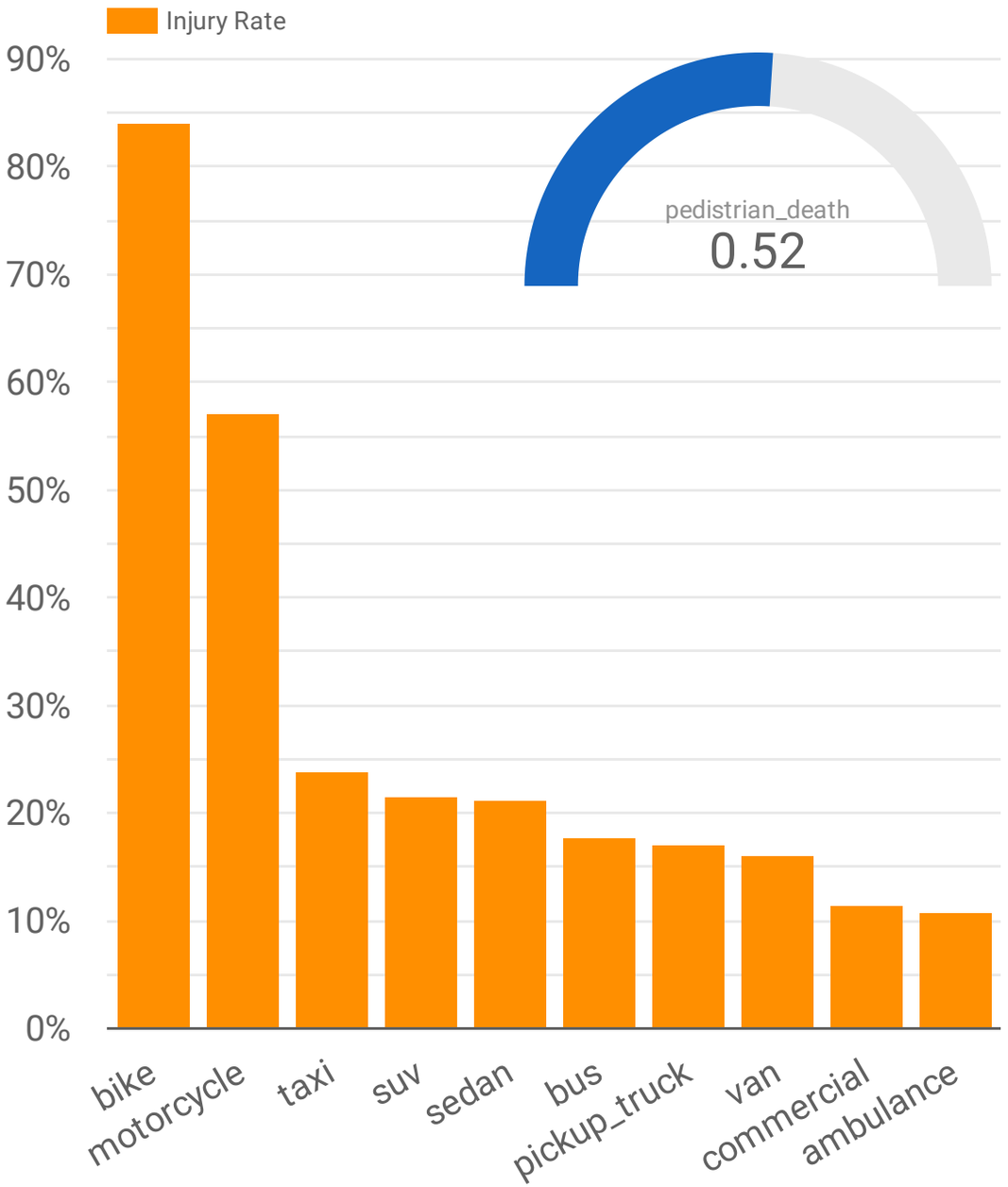
NYPD Collisions Analysis | borough | Vehicle Type | 1 Jul 2012 - 24 Mar 2023 | combination | Contributing Factor | Data From NYPD



Record Count 397 • 685

NYPD Collisions Analysis | borough | Vehicle Type | 1 Jul 2012 - 24 Mar 2023 | combination | Contributing Factor | Data From NYPD





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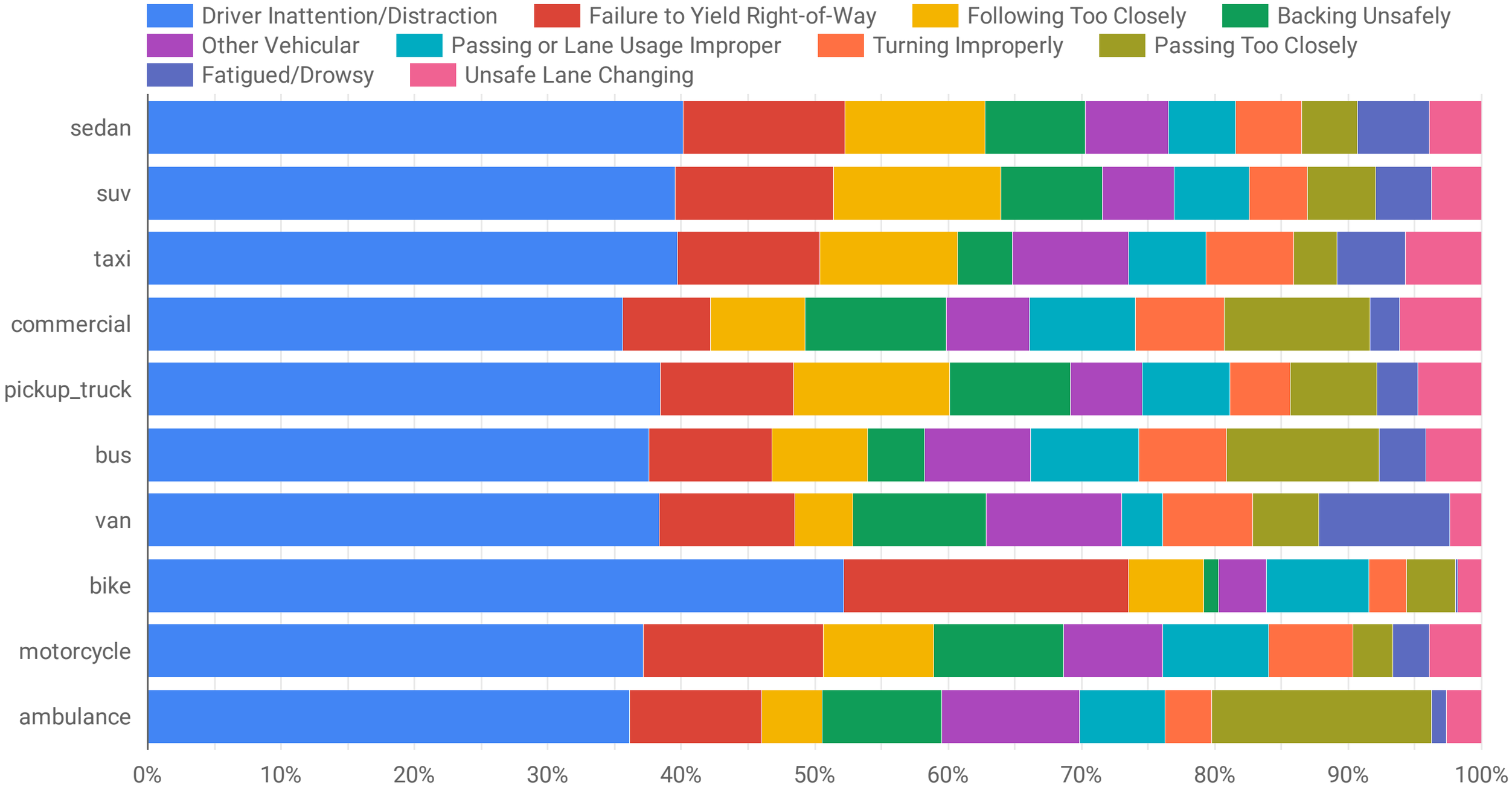

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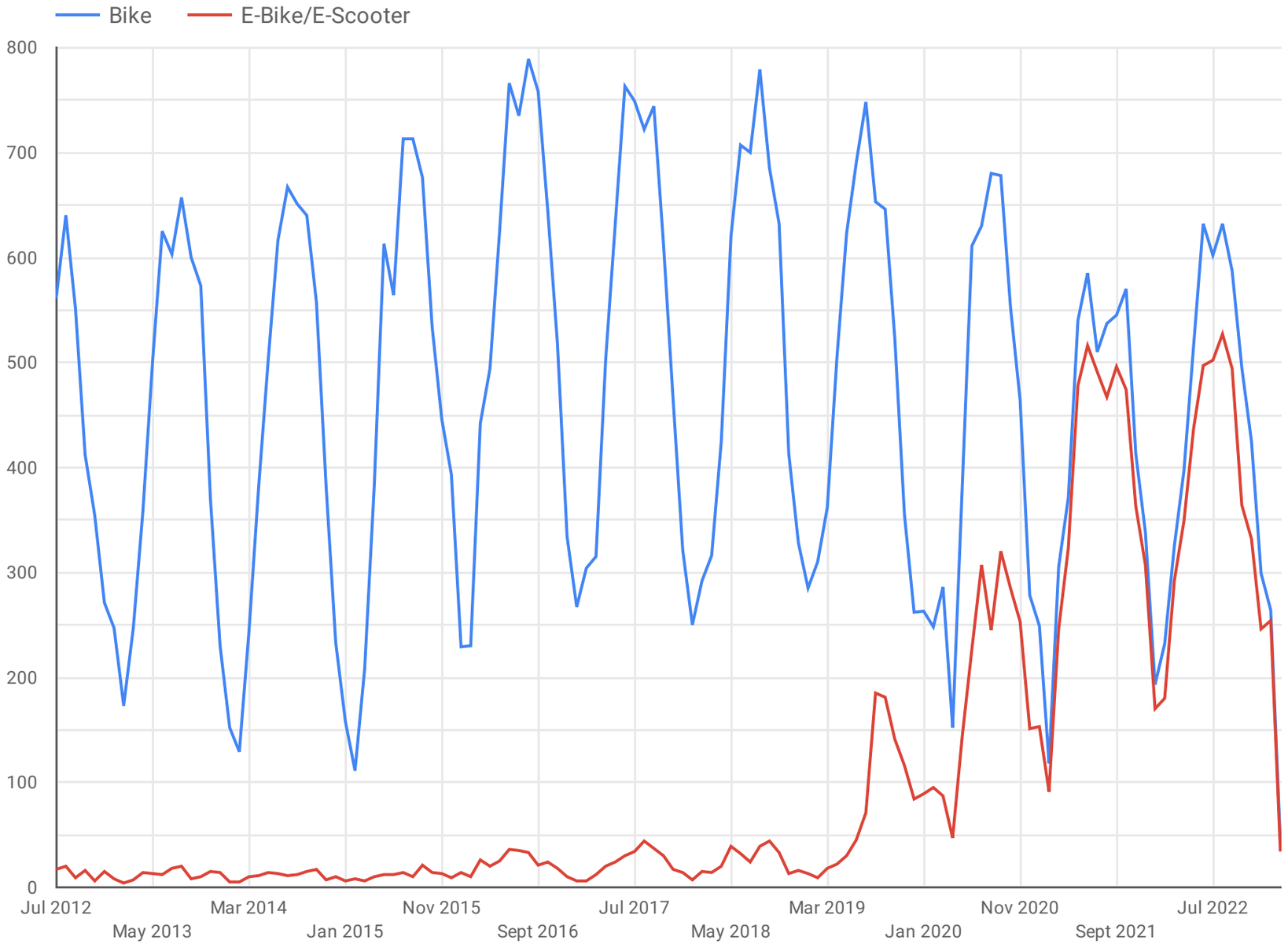

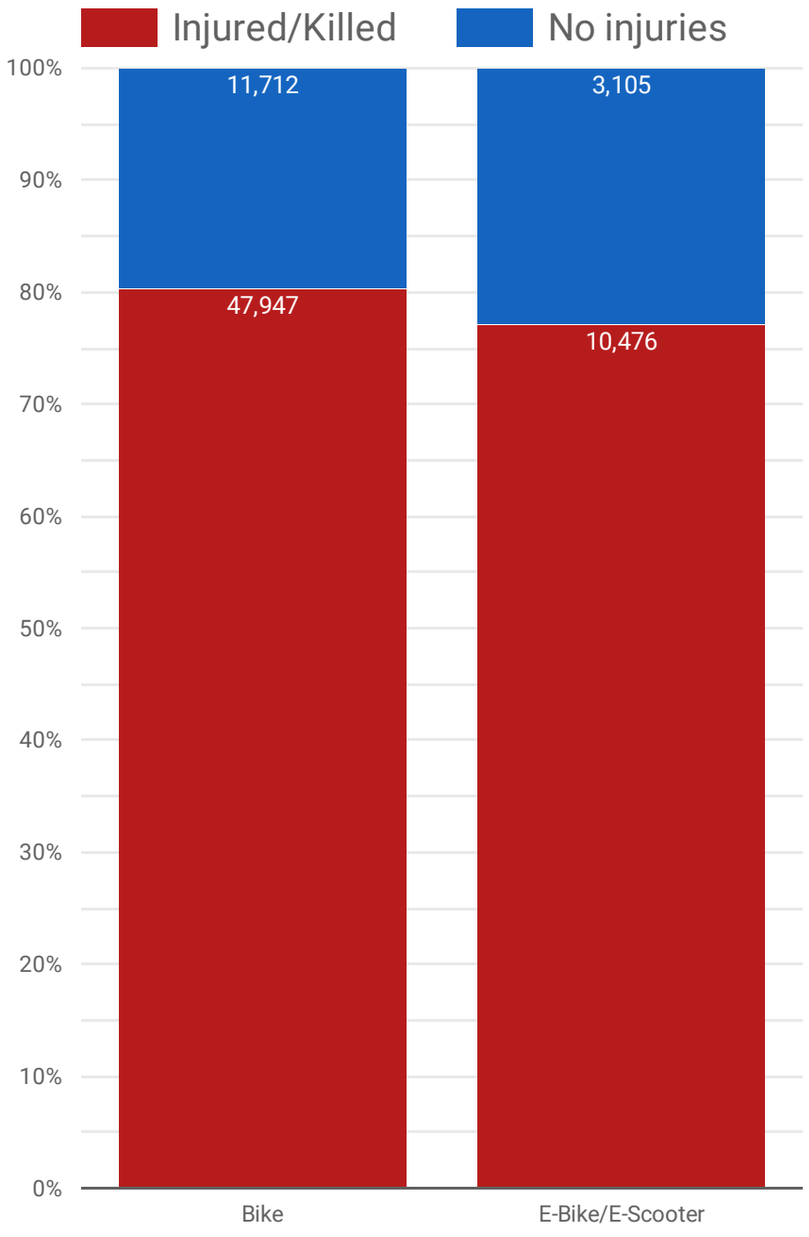

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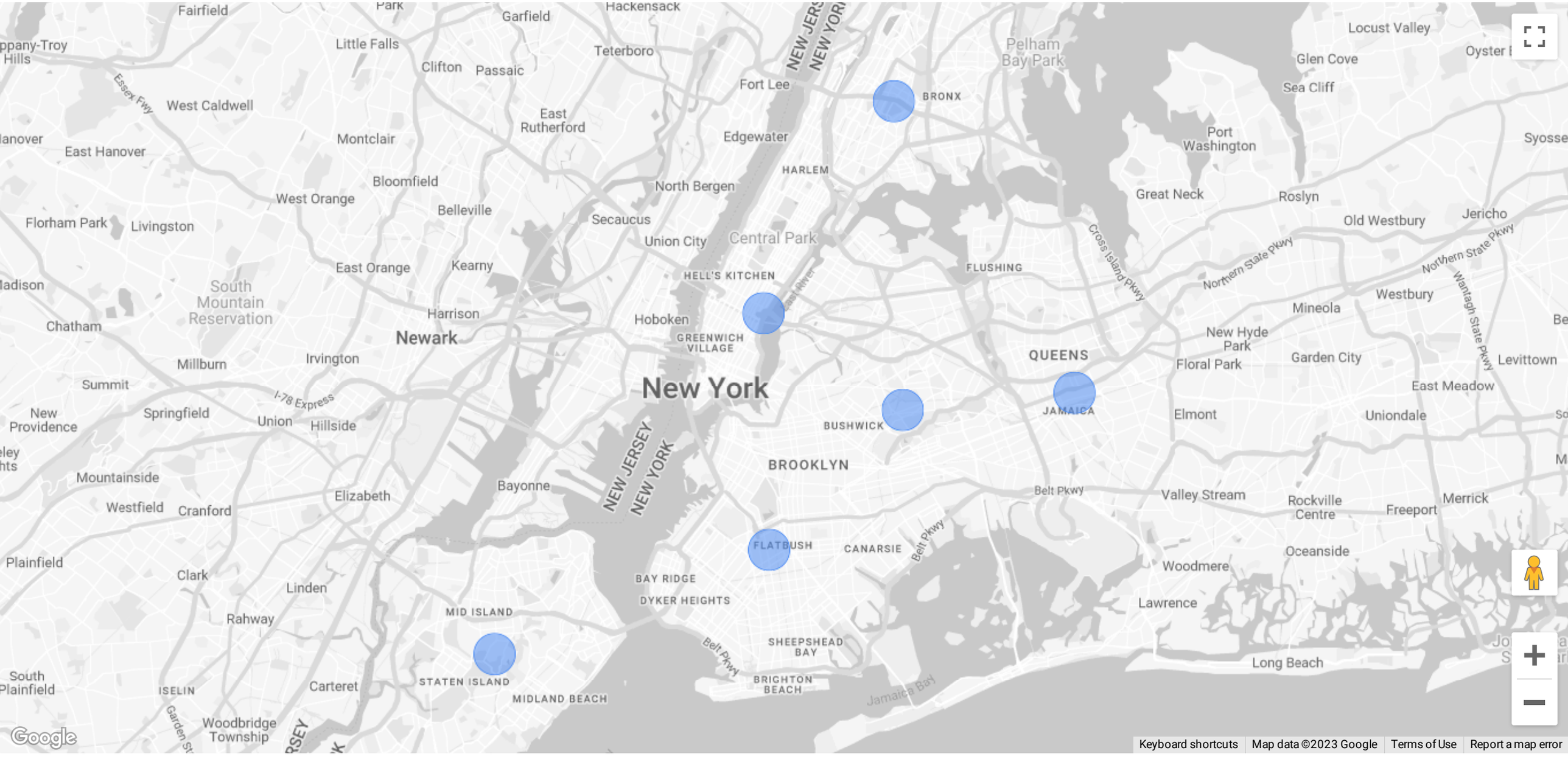
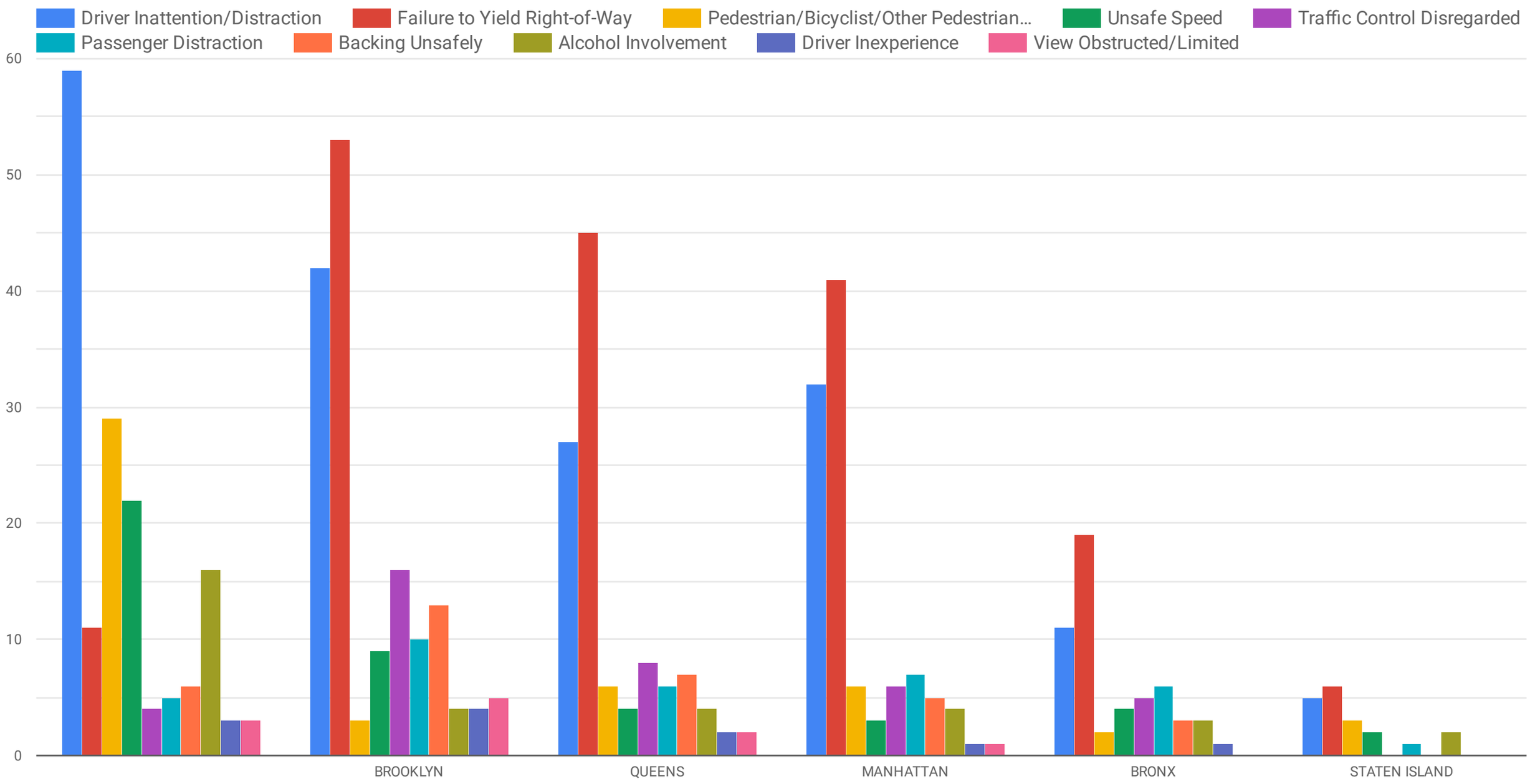


center 1 • 1

Application of NYPD Collisions Analysis

	Municipal Government	Insurance Company	Transportation and Logistics
Number of Injuries and Death	■ Evaluate the effectiveness of policies and interventions ■ Changes to speed limits, enforcement campaigns, or road design changes.	■ Increase premium rate for the increased number/size of claims ■ Identify customers that are underserved and develop new products to meet their needs	■ Identify the appropriate level of insurance for employees
Driving Area	■ Prioritize funding for road improvement ■ Police force properly distributed	■ Increase the premium rate for drivers living in the midtown Manhattan, Harlem, and Brooklyn area	■ Optimize routes to avoid passing areas with high traffic risks
Vehicle Type	■ Improve laws and regulations for the new-emerged vehicles	■ Identify the collision rate of each type of vehicle to estimate risk and premium	■ Keep the drivers aware of the vehicles that are frequently involved in collisions
Causes of Collision	■ Develop targeted safety campaigns and improve on educational programs	■ Improve background research about drivers' driving habits to estimate the risk ■ Identify potential fraudulent claims	■ Identify drivers with a high rate of collisions and provide targeted training to improve their driving skills

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