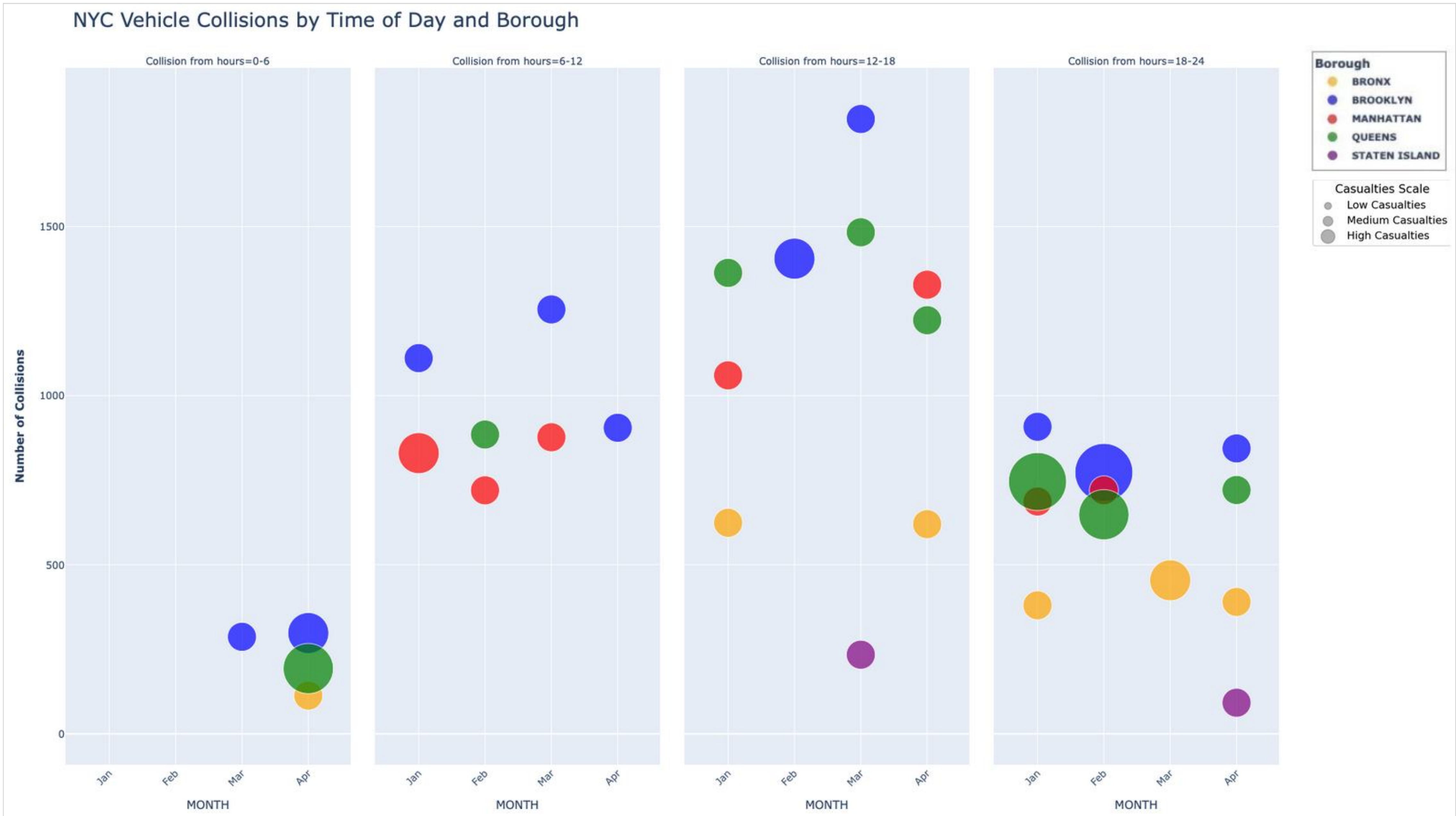


NYC VEHICLE COLLISION

overview: nyc collisions by time of the day and borough

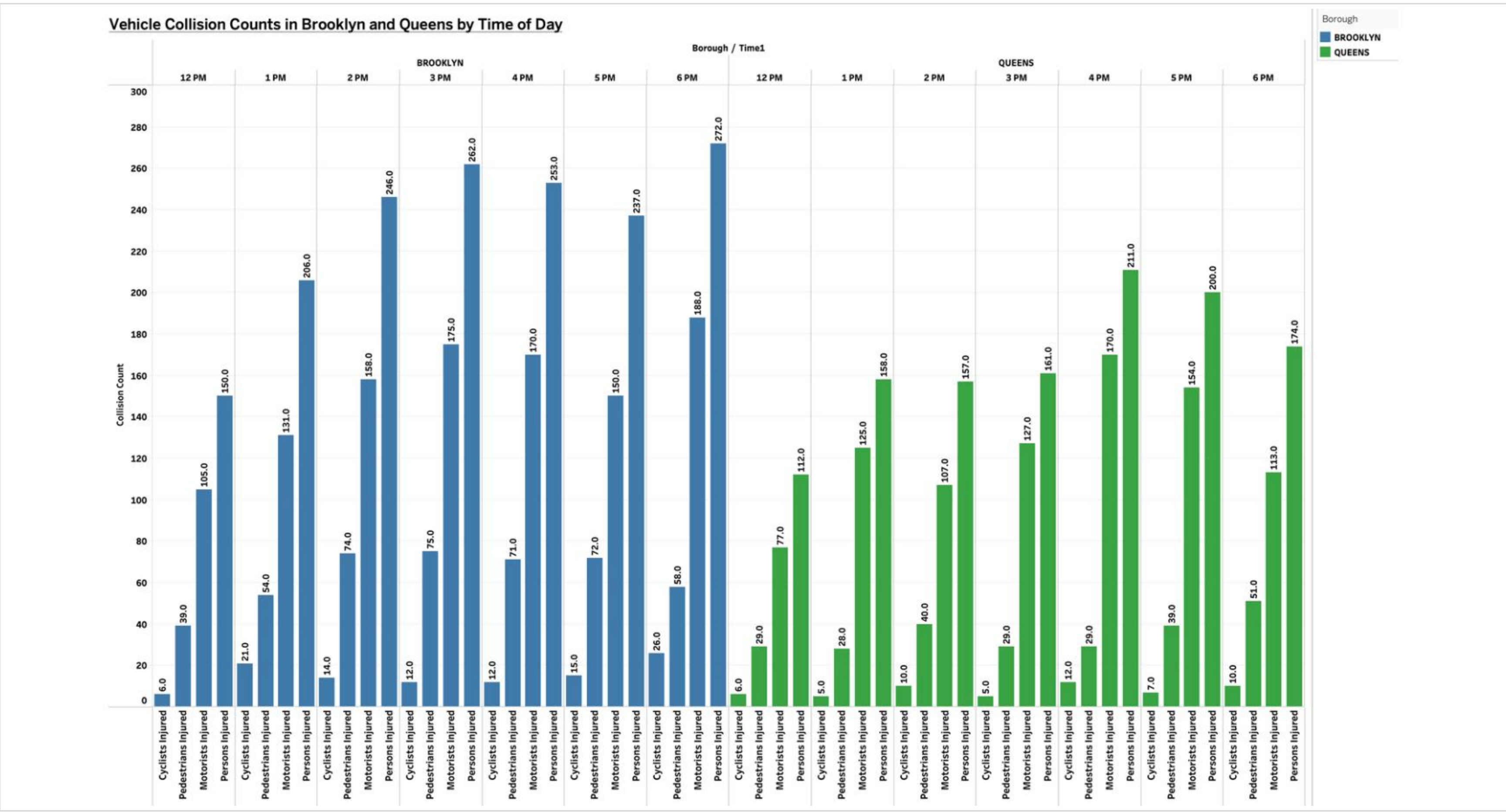


The visual depicts vehicle collisions in New York City, categorized by borough and segmented across different times of the day. Bubbles of varying sizes represent the casualties happened in the collision, with each color corresponding to a different borough.

The third panel (12-18 hours) shows a significant increase in the number of collisions across most boroughs compared to other times of the day. This suggests that noon might be more prone to accidents, potentially due to factors like reduced visibility, rush hour traffic, or increased social activities.

upon analyzing the data, we observe that BROOKLYN and QUEENS frequently have larger bubbles, indicating they generally experience a higher number of collisions casualties compared to other boroughs. This could relate to population density, traffic volume, or road conditions in these areas.

Branch Out 1: Collision Count in Borough by Time of the Day

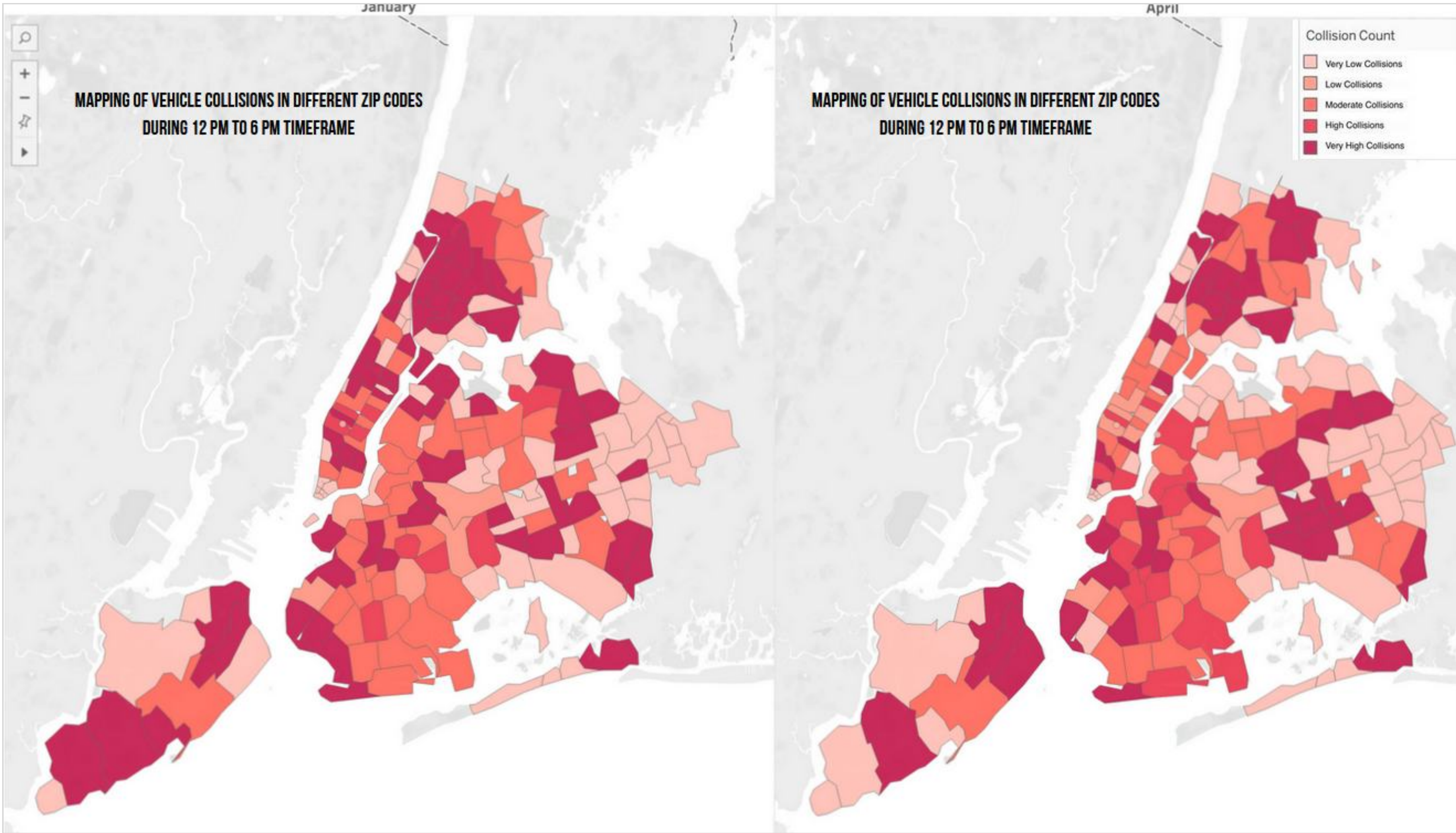


This visual representation chart provides a detailed comparison of vehicle collisions resulting in injuries across Brooklyn and Queens for the year 2015, focusing on the specific hours of the day.

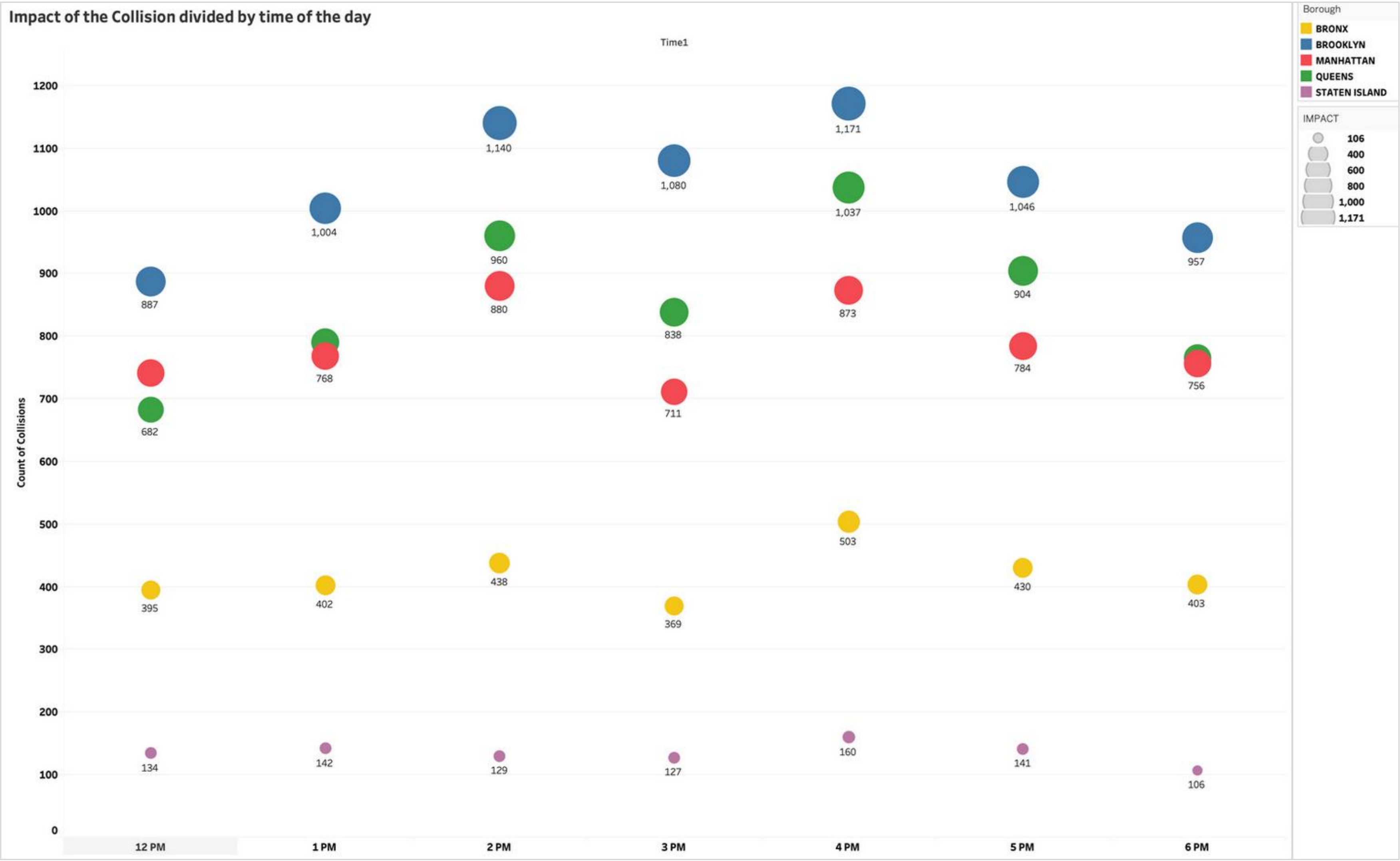
It reveals notable trends: BROOKLYN experiences peak collision counts in the late afternoon (15:00-18:00), while Queens shows a consistent increase in collisions, peaking in the late evening (18:00).

Person and motorists possibly experiencing a higher frequency of injuries in both the borough.

Branch Out 2: Collisions by different zip codes of NYC



This visual provides a detailed mapping of vehicle collisions across different zip codes in New York City during the afternoon hours from 12 PM to 6 PM for the months of January and April. The color gradient indicates the collision intensity, with darker shades representing higher frequencies of collisions. This zoomed-in view shows that certain zip codes exhibit consistently darker shades in both months, suggesting these areas have high collision rates irrespective of seasonal changes.



Final Visual: Detailed Breakdown

This visualization illustrates the distribution and severity of vehicle collisions across five boroughs (Brooklyn, Bronx, Manhattan, Queens, and Staten Island) over a time span from 12 PM to 6 PM.

There appears to be a significant variation in collision counts across different times of the day. The early afternoon hours (around 12 PM to 2 PM) show relatively fewer collisions across all boroughs compared to the later part of the afternoon, particularly around 3 PM and 4 PM, where there is a noticeable increase in the number of collisions.

The size of the bubbles indicates the impact or severity of the collisions. Larger bubbles, particularly seen in Brooklyn and Queens at around 3 PM to 4 PM, suggest more severe collisions.

The peak times for collisions across most boroughs seem to be from 3 PM to 5 PM. This period could be critical for implementing enhanced traffic safety measures.