Questions of access, connectivity, ease of use, amenities and conditions of infrastructure, as well as risk and safety are interwoven with questions around the role of public transportation and the prevalence (and necessity) of personal automobiles. Our first analysis covered issues of infrastructure in regards to safety in the North East corridor. From our first graphic, we were able to pinpoint the areas with the greatest risks for collisions. Our findings concluded that these 3 areas were the most heavily affected by issues of high traffic volumes combined with poor accessibility to the ease of alternative transportation (non automobile.) This lack of accessibility led to high collision rates involving injuries.

Accessibility

Based on our findings in the first study areas, we delved further into issues of accessibility, primarily those dealing with proximity to bus stops, and the availability of dedicated bicycle lanes. We found that a large portion of residents in the North East corridor do not live within a 10 minute walk of a bus stop. In addition, we found that a majority of bike paths in the area are located along paths classified as high traffic roads (Class 3 & 4.)

*This study includes collisions involving automobiles, buses, bicycles and pedestrians