

Traffic Collision Visualization

Team OWL

Bufan Zeng (bzeng@usc.edu)

Wing Wa Leung (wingwale@usc.edu)

Yunwei Zhang (yunweizh@usc.edu)





Traffic Collision Data from 2010 to Present

A Safe City

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[Visualize](#) ▾

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[API](#)

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This dataset reflects traffic collision incidents in the City of Los Angeles dating back to 2010. This data is transcribed from original traffic reports that are typed on paper and therefore there may be some inaccuracies within the data. Some location fields with missing data are noted as (0°, 0°). Address fields are only provided to the nearest hundred block in order to maintain privacy. This data is as accurate as the data in the database. Please note questions or concerns in the comments.

[More](#)

Updated

November 27, 2018

Data Provided by

Los Angeles Police Department



[Los Angeles Times](#)

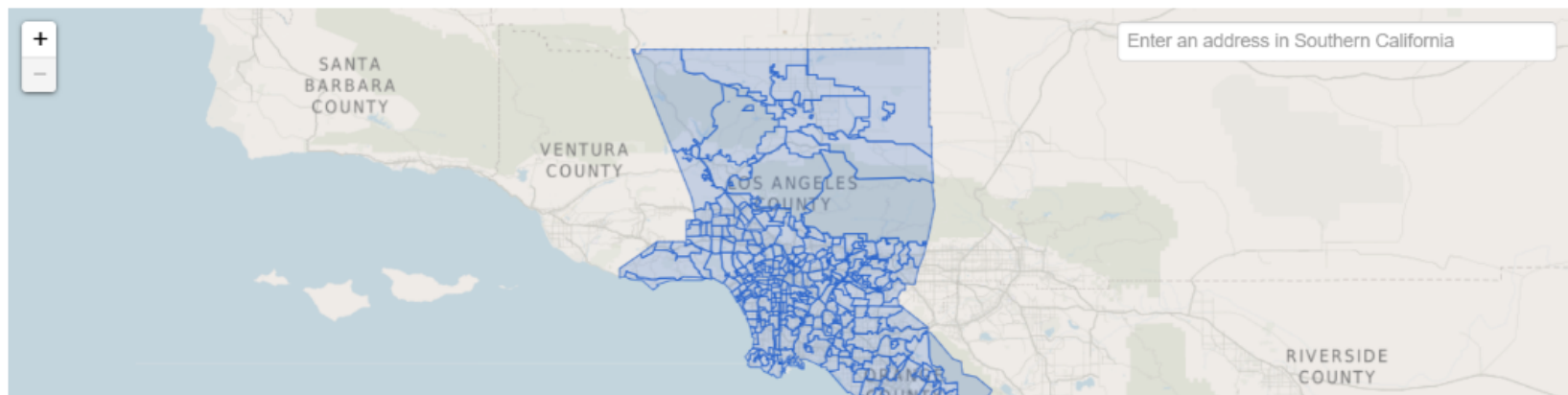
[Mapping L.A. Boundaries API](#)

[Finder](#)

[Data sets](#)

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L.A. County Neighborhoods (V6)



Exploring NYC Vehicle Crash Data

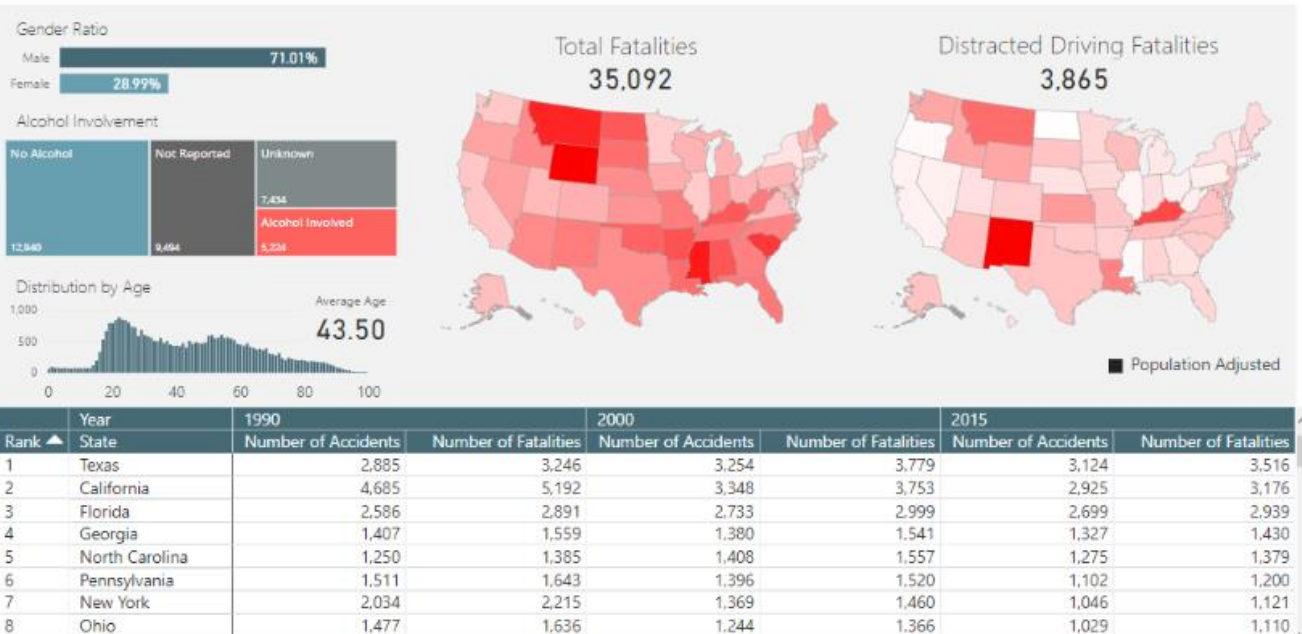
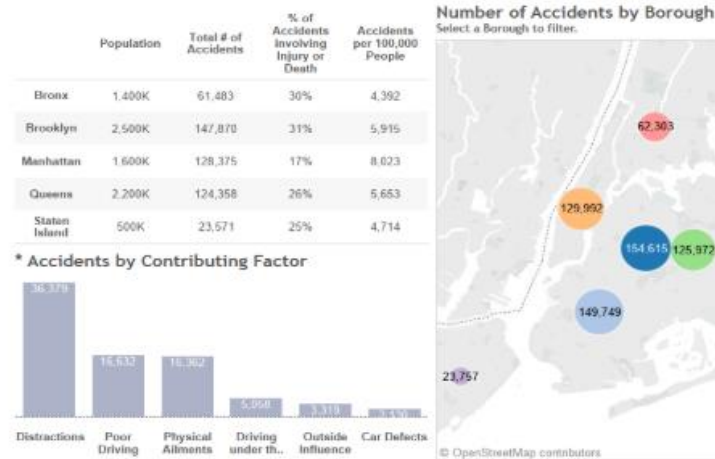
NYC Crash Data Findings

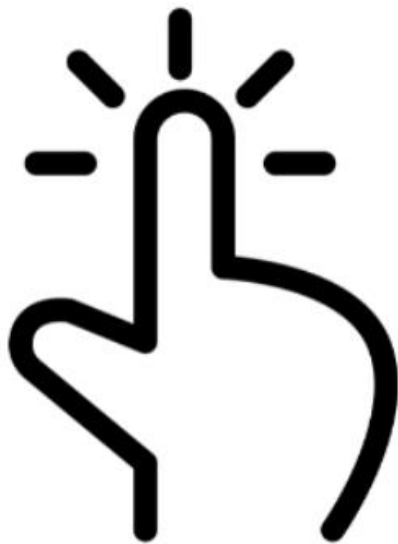
Exploring Time of Day and Contributing Factors

Understanding Location and Frequency of Accidents

Analyzing Trends in Accidents Over Time

Relationship Between Location and Type of Accident







Click a data point to show its value; Reclick to hide its value.

[2010](#)

[2011](#)

[2012](#)

[2013](#)

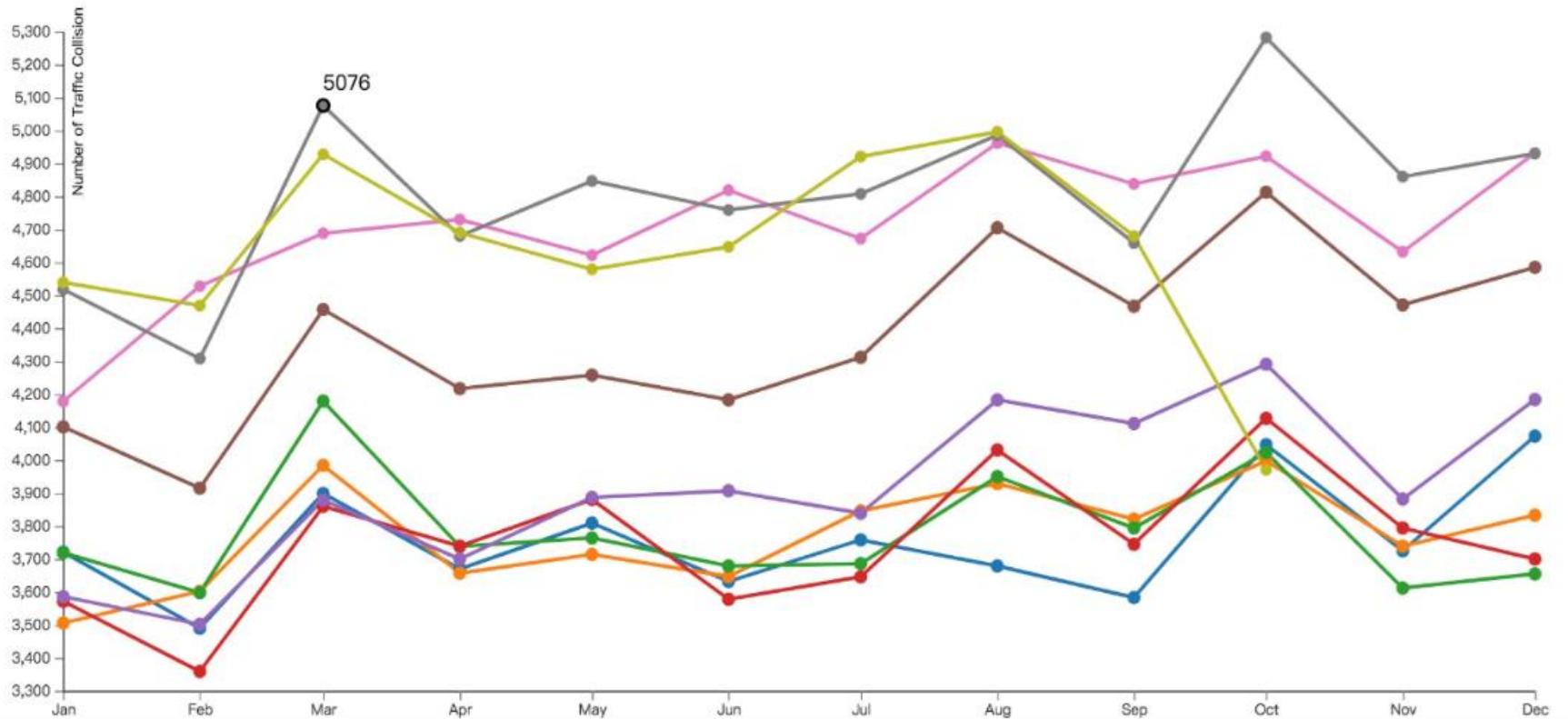
[2014](#)

[2015](#)

[2016](#)

[2017](#)

[2018](#)



2010

2011

2012

2013

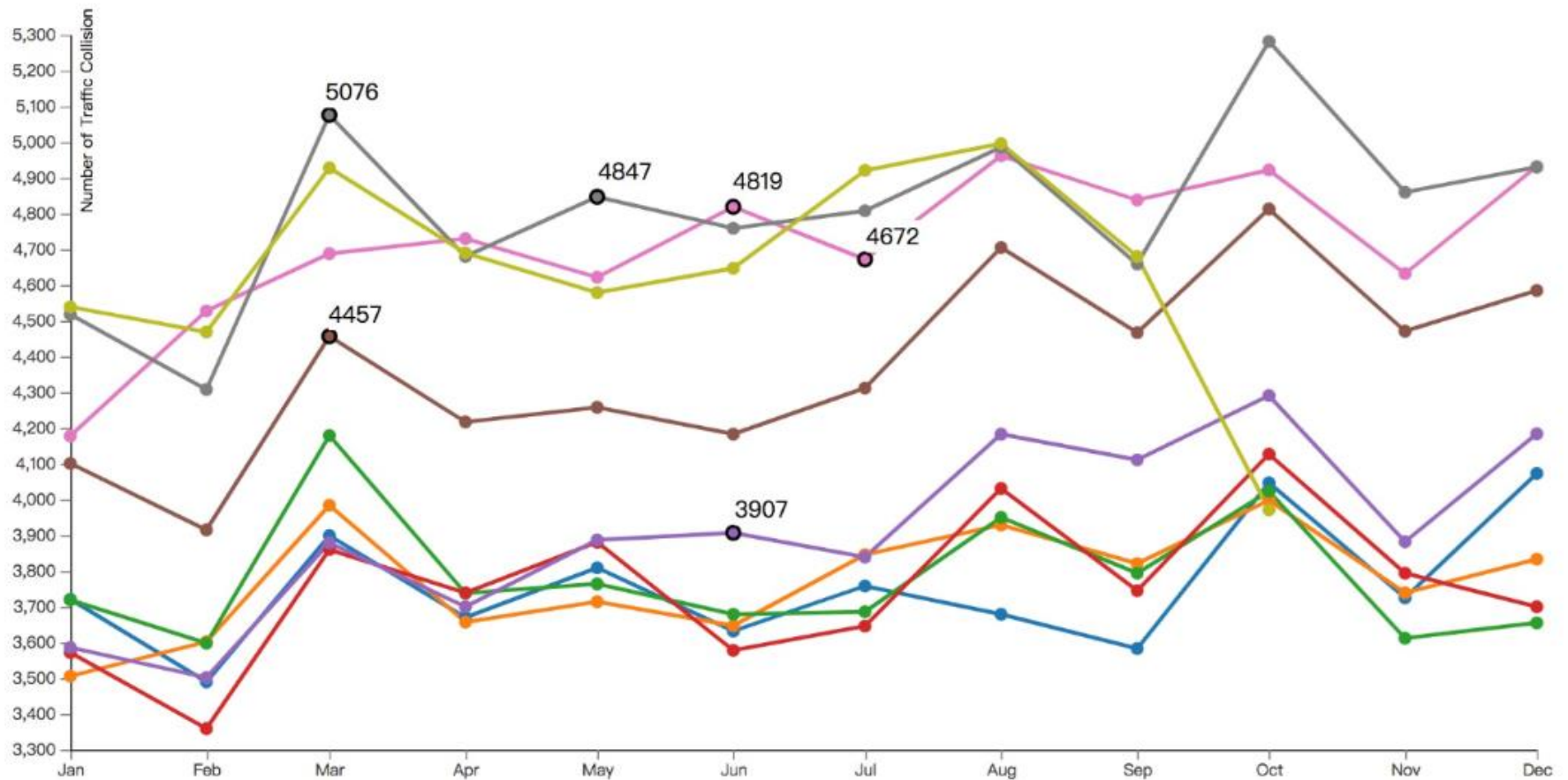
2014

2015

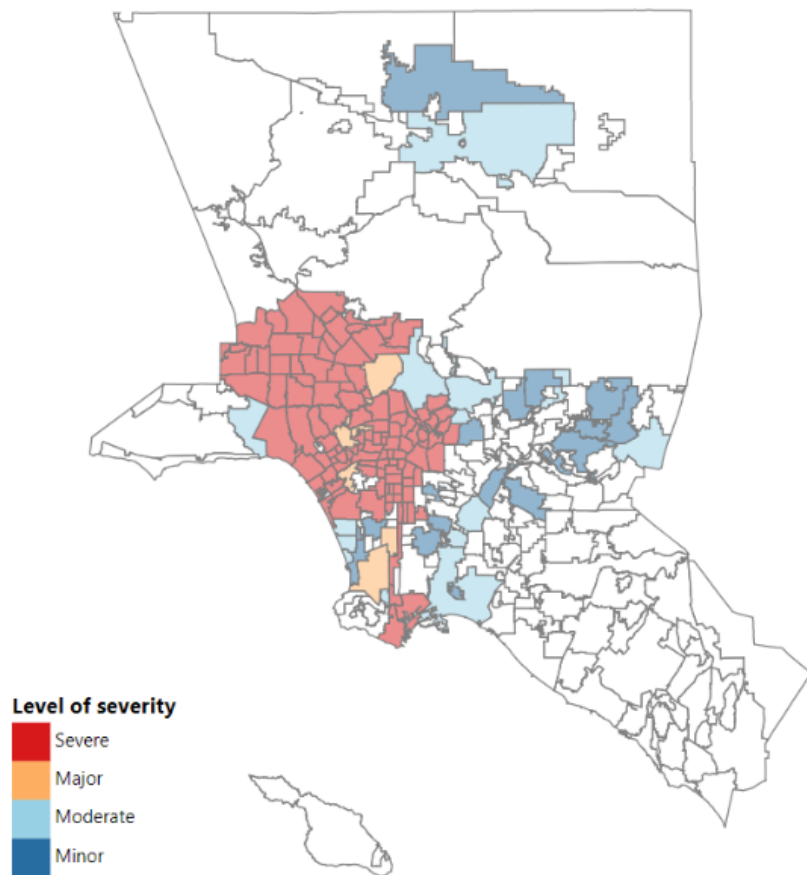
2016

2017

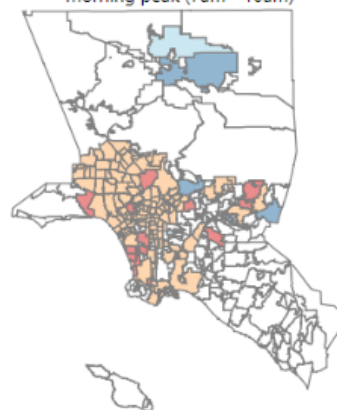
2018



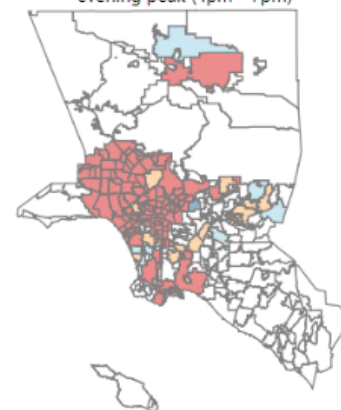
Choropleth map of each city's cumulative accident frequency during 2010-2018



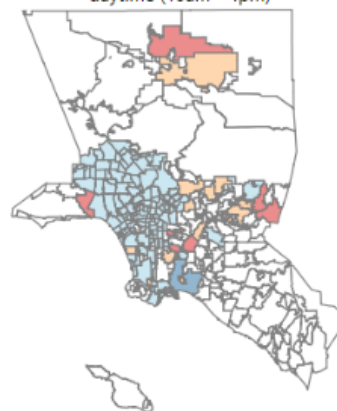
Hourly frequency by rank:
morning peak (7am - 10am)



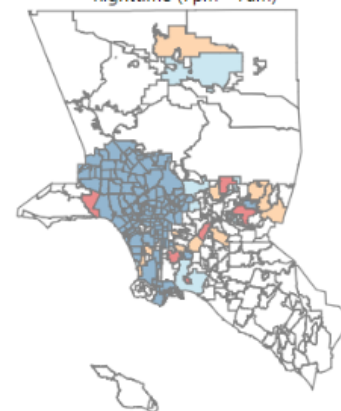
Hourly frequency by rank:
evening peak (4pm - 7pm)



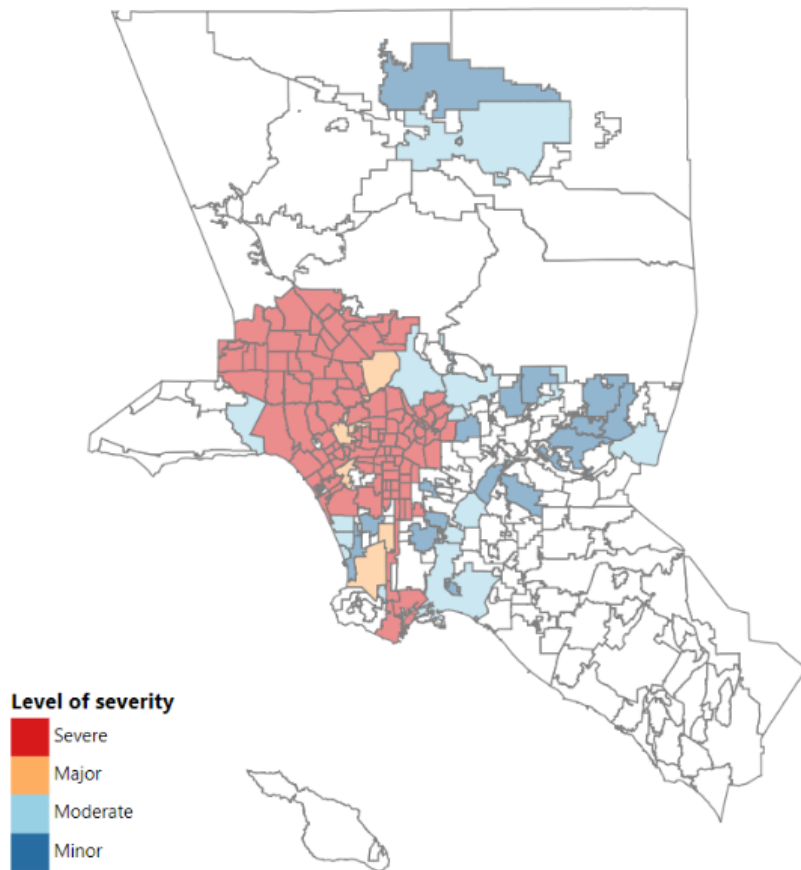
Hourly frequency by rank:
daytime (10am - 4pm)



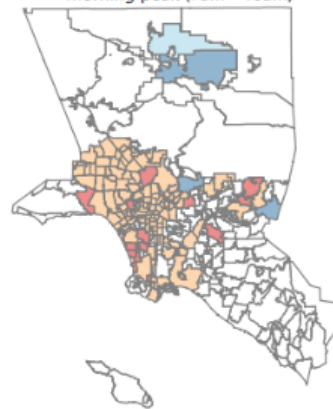
Hourly frequency by rank:
nighttime (7pm - 7am)



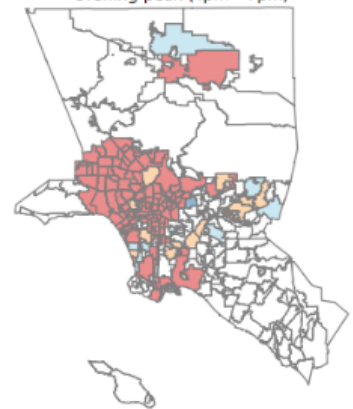
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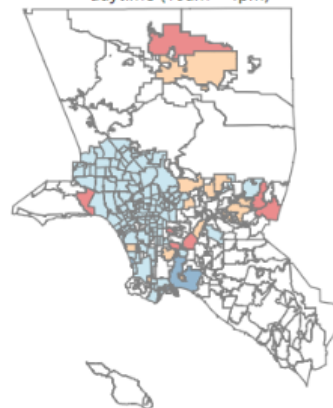
Hourly frequency by rank:
morning peak (7am - 10am)



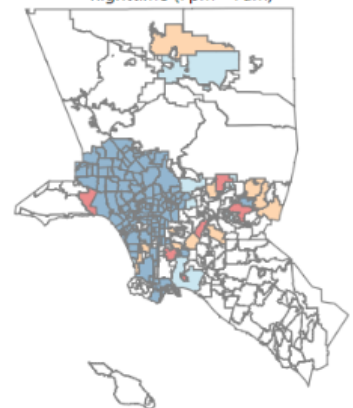
Hourly frequency by rank:
evening peak (4pm - 7pm)



Hourly frequency by rank:
daytime (10am - 4pm)



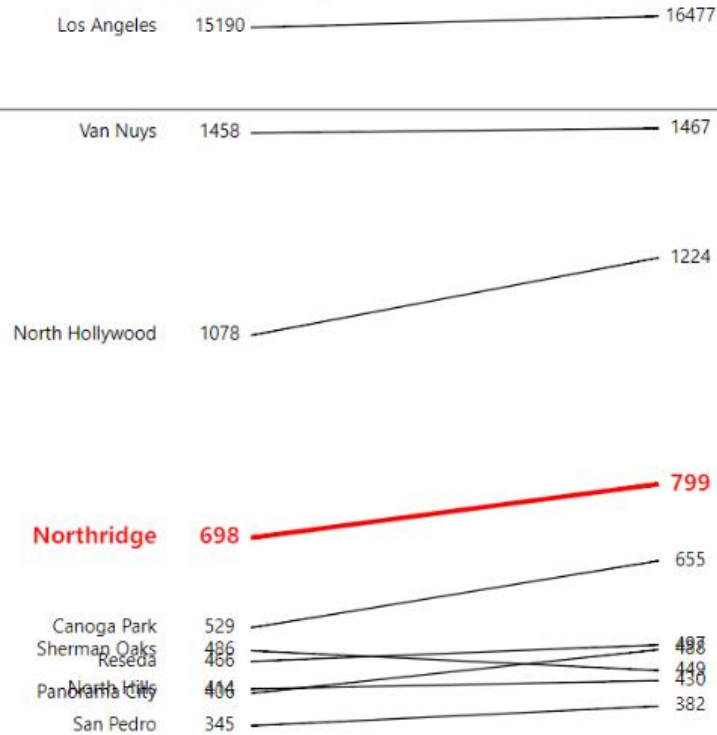
Hourly frequency by rank:
nighttime (7pm - 7am)



Slopegraph showing changes in cumulative accident frequency per hour
between morning and evening peaks
of 10 cities with the most number accidents during 2010-2018

Morning peak (7am-10am)

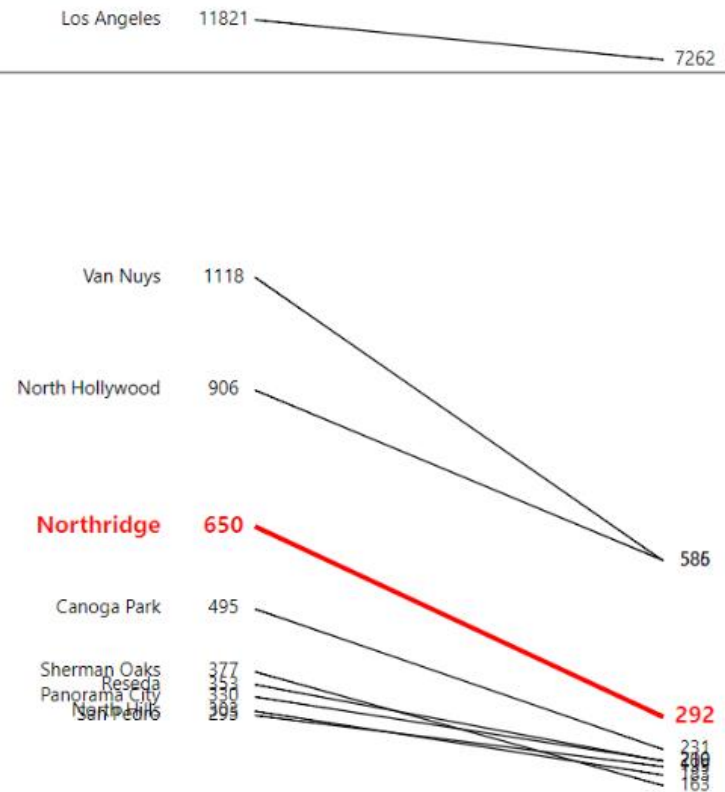
Evening peak (4pm-7pm)



Slopegraph showing changes in cumulative accident frequency per hour
between daytime and nighttime
of 10 cities with the most number accidents during 2010-2018

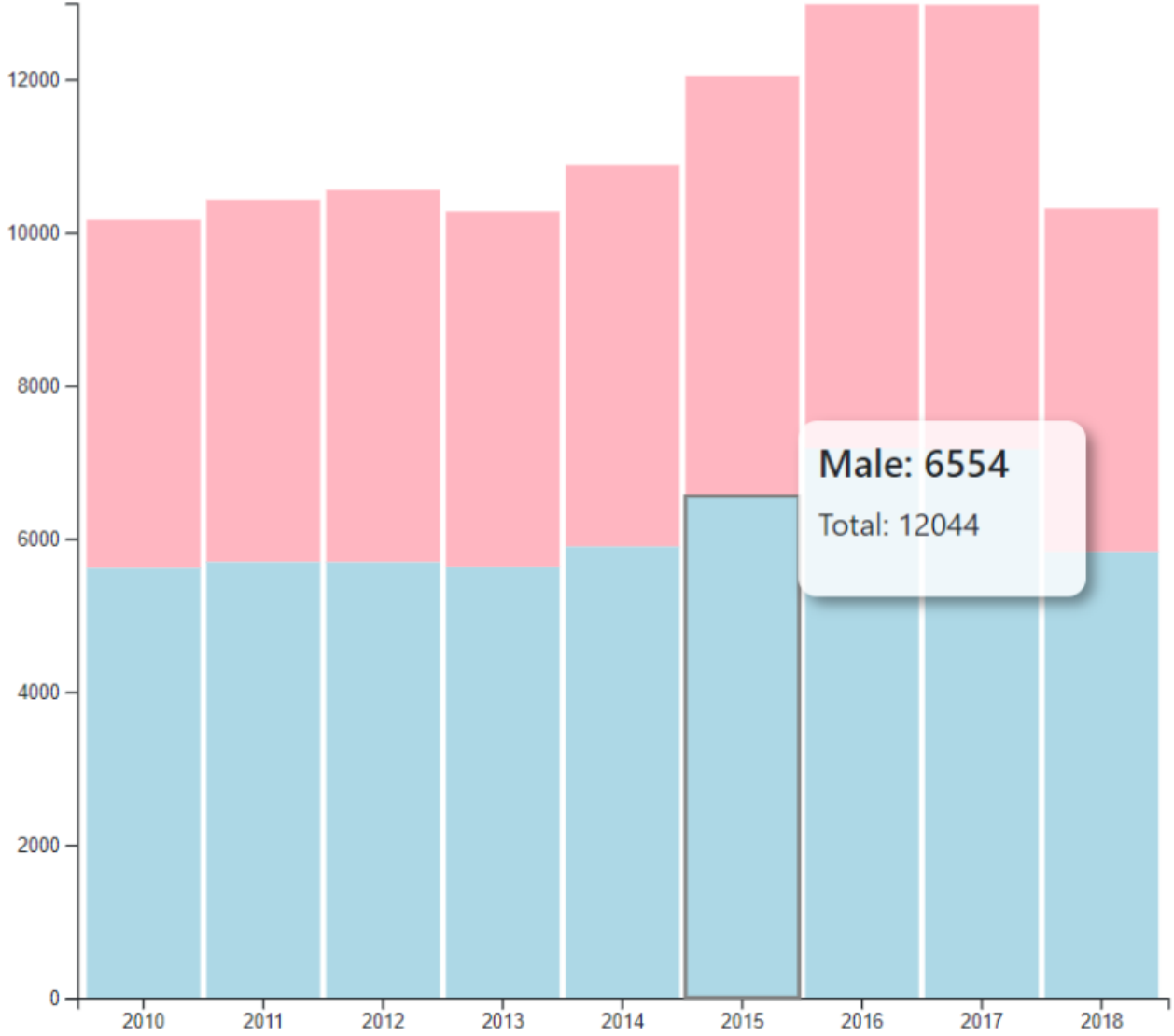
Daytime (10am-4pm)

Nighttime (7pm-7am)



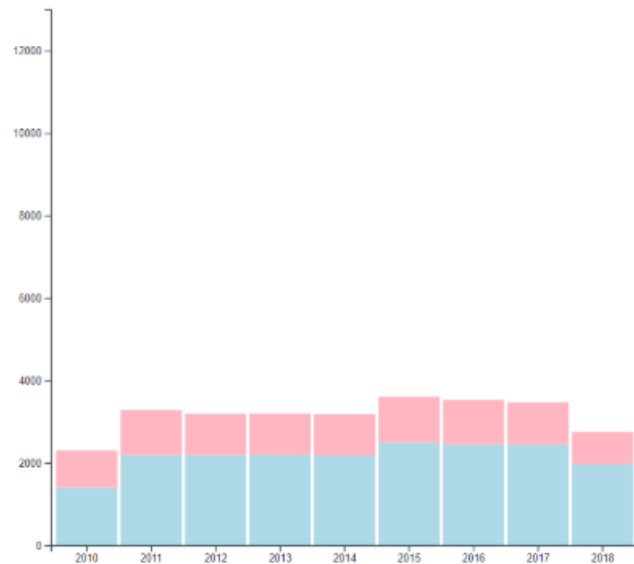
10-20 21-30 31-40 41-50 51-60 61-70 71-80 81-90 90+

Count of Victims for Different Age Groups in Each Year



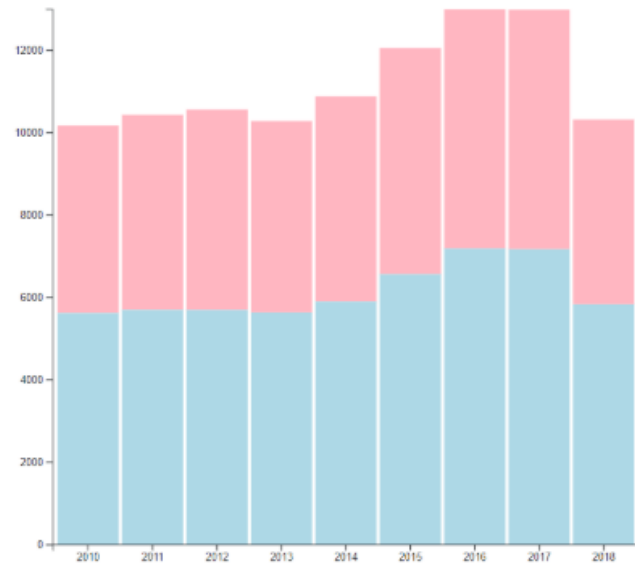
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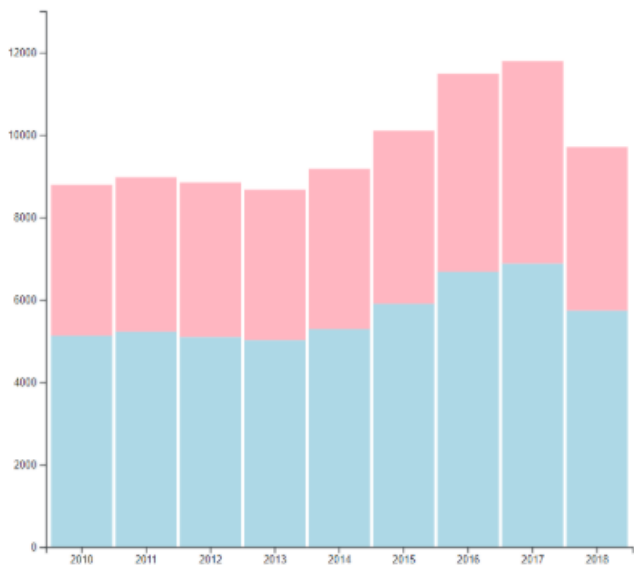
10-20 21-30 31-40 41-50 51-60 61-70 71-80 81-90 90+

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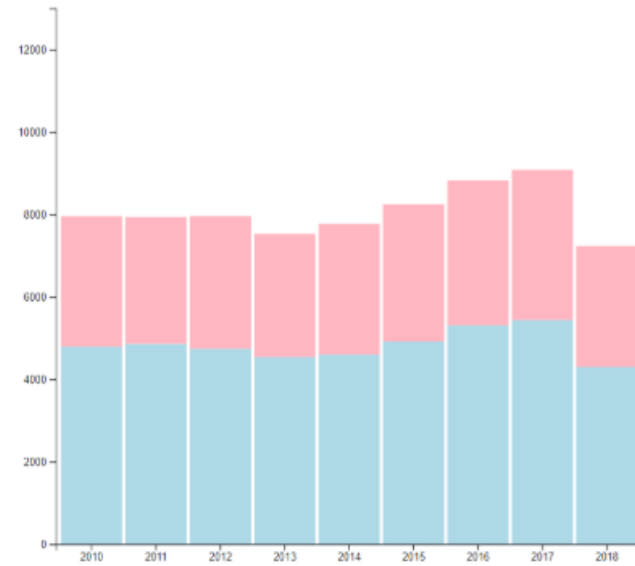
10-20 21-30 31-40 41-50 51-60 61-70 71-80 81-90 90+

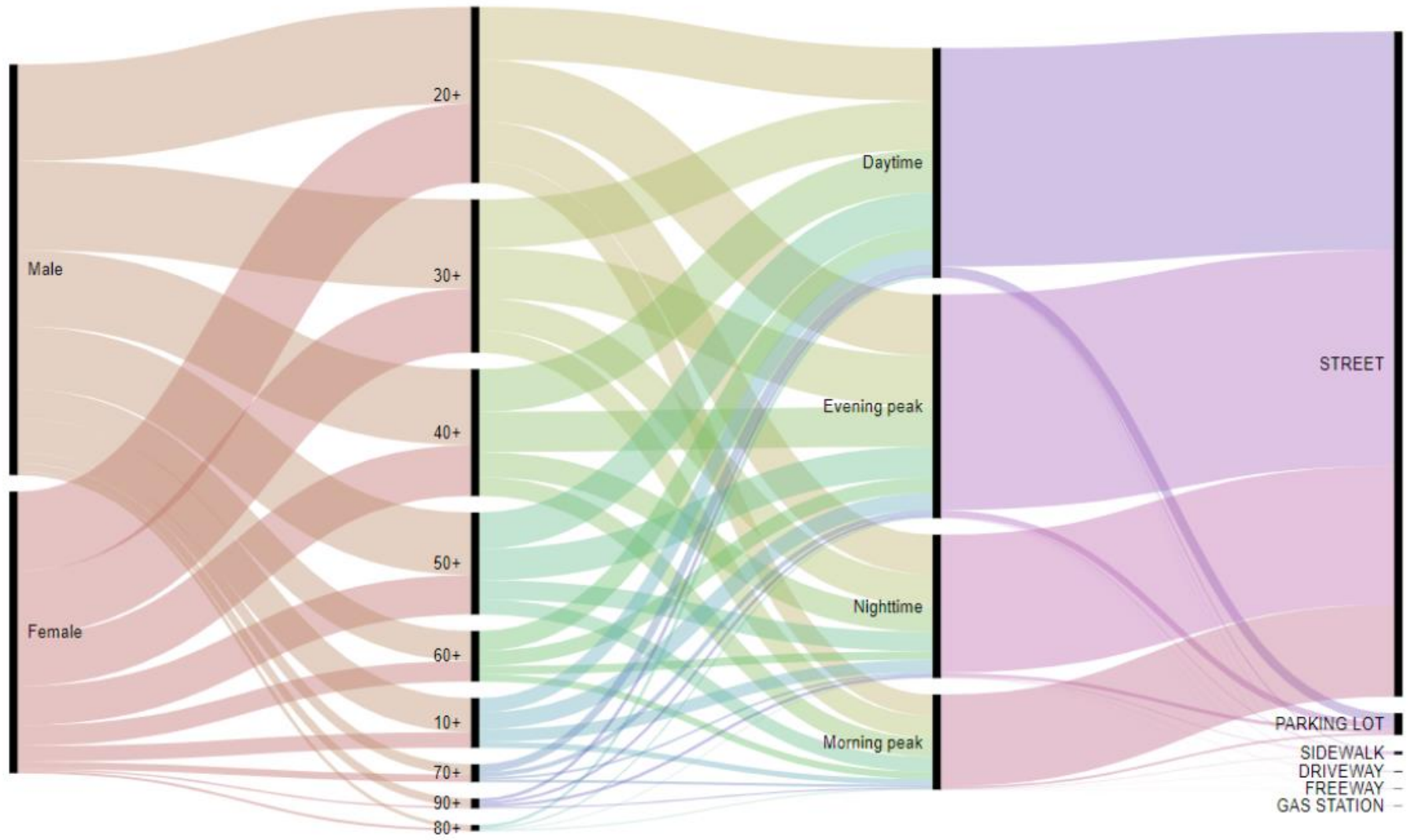
Count of Victims for Different Age Groups in Each Year

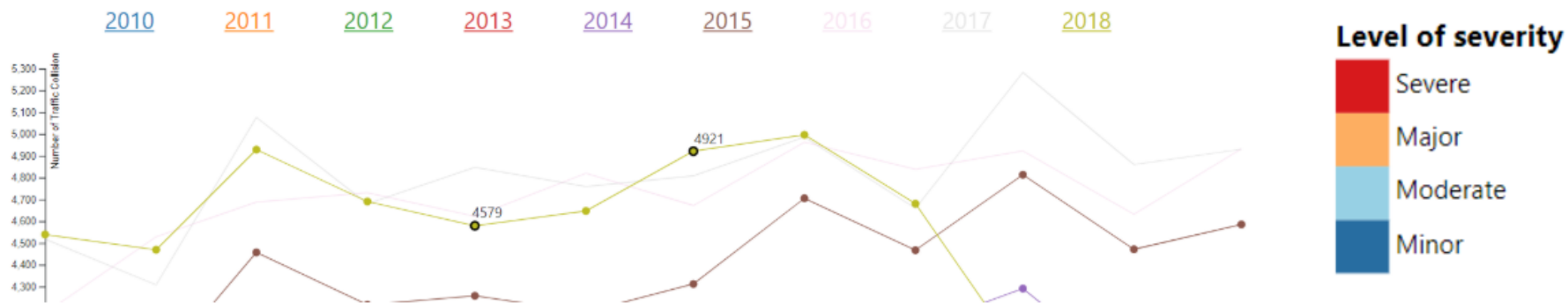


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Count of Victims for Different Age Groups in Each Year







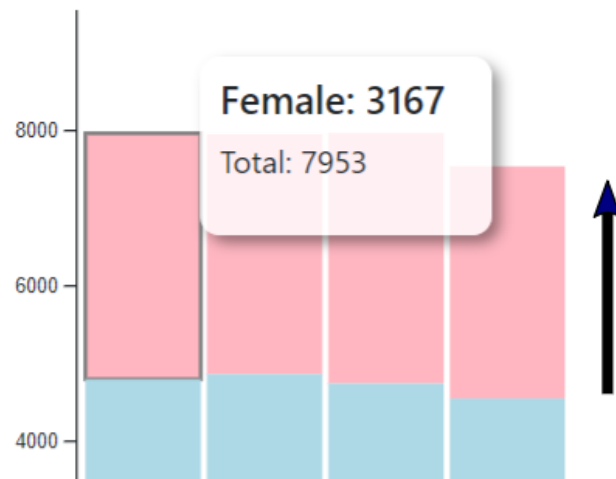
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Morning peak (7am-10am)

Evening peak (4pm-7pm)

Los Angeles 15190 16477

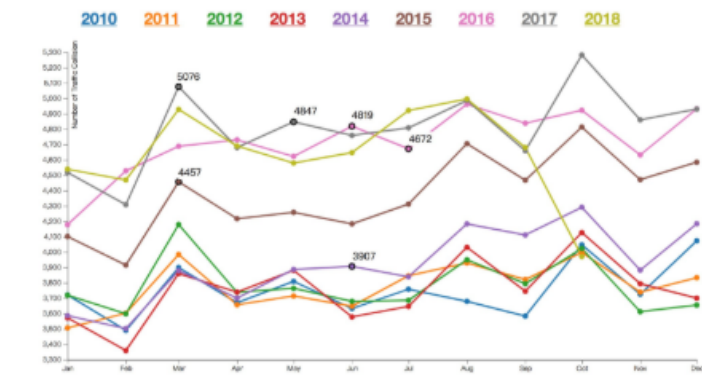
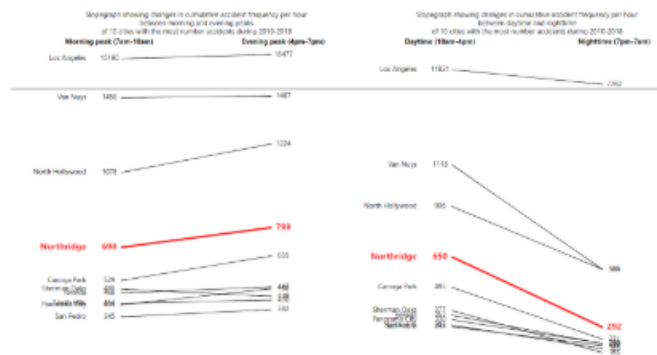
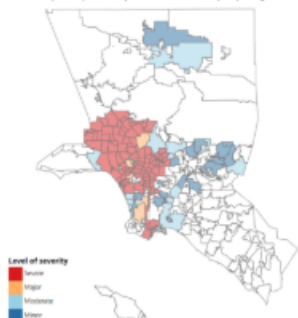
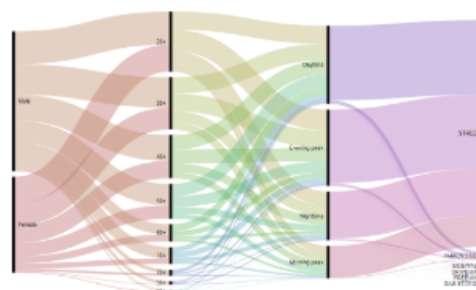
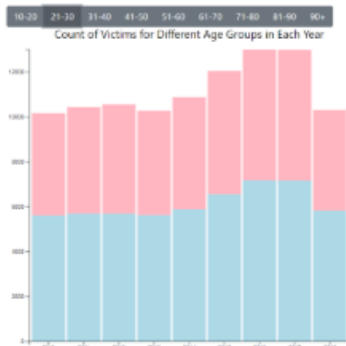
Van Nuys 1458 1467













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