



NYPD Vehicle Collisions (2012-2018)

An Analysis on Vision Zero

NILESH PATEL

NYC DATA SCIENCE ACADEMY: COHORT #15

VISION ZERO

How it works:

- 1 A core principle of the vision is that 'Life and health can never be exchanged for other benefits within the society.
- 2 **Vision Zero** is a multi-national road traffic safety project that aims to achieve a highway system with no fatalities or serious injuries involving road traffic.
- 3 **Vision Zero** is a program created by New York City Mayor Bill de Blasio in 2014. Its purpose is to eliminate all traffic deaths and serious injuries on New York City streets by 2024



Key Points of VISION ZERO:

- ❖ The plan includes criminal charges against traffic violators
- ❖ Speed limit reduction from 30 to 25 miles per hour (48 to 40 km/h)
- ❖ Slow zones
- ❖ Increased enforcement
- ❖ Increase use of speed cameras
- ❖ Quicker repairing broken traffic signals
- ❖ Strict enforcement on taxi drivers
- ❖ New vision zero laws made it a crime, punishable by imprisonment, if a driver does not yield to a pedestrian and causes death or injury



DATA SETS:

NYPD Motor Vehicle Collisions Public Safety

[View Data](#) [Visualize ▾](#) [Export](#) [API](#) [...](#)

This is a breakdown of every collision in NYC by location and injury. This data is collected because the NYC Council passed Local Law #11 in 2011. This data is manually run every month and reviewed by the TrafficStat Unit before being posted on the NYPD website. Each record represents a collision in NYC by city, borough, precinct and cross street. This data can be used by the public to see how dangerous/safe intersections are in NYC. The information is presented in pdf and excel format to allow the casual user to just view the information in the... [More](#)

Updated
October 25, 2018

Data Provided by
Police Department (NYPD)

About this Dataset

Updated
October 25, 2018

Data Last Updated
October 25, 2018

Metadata Last Updated
October 25, 2018

Date Created
April 28, 2014

Views
136K

Downloads
40.8K

Update

| | |
|------------------|----------|
| Update Frequency | Weekdays |
| Automation | Yes |
| Date Made Public | 5/7/2014 |

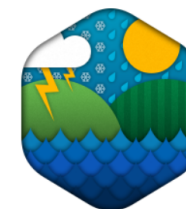
Dataset Information


| | |
|--------|--------------------------|
| Agency | Police Department (NYPD) |
|--------|--------------------------|


Attachments


Climate Data Online


Climate Data Online (CDO) provides free access to NCDC's archive of global historical weather and climate data in addition to station history information. These data include quality controlled daily, monthly, seasonal, and yearly measurements of temperature, precipitation, wind, and degree days as well as radar data and 30-year Climate Normals. Customers can also order most of these data as [certified hard copies](#) for legal use.




Browse Datasets
Browse documentation, samples, and links


Certify Orders
Get orders certified for legal use (requires payment)


Check Status
Check the status of an order that has been placed

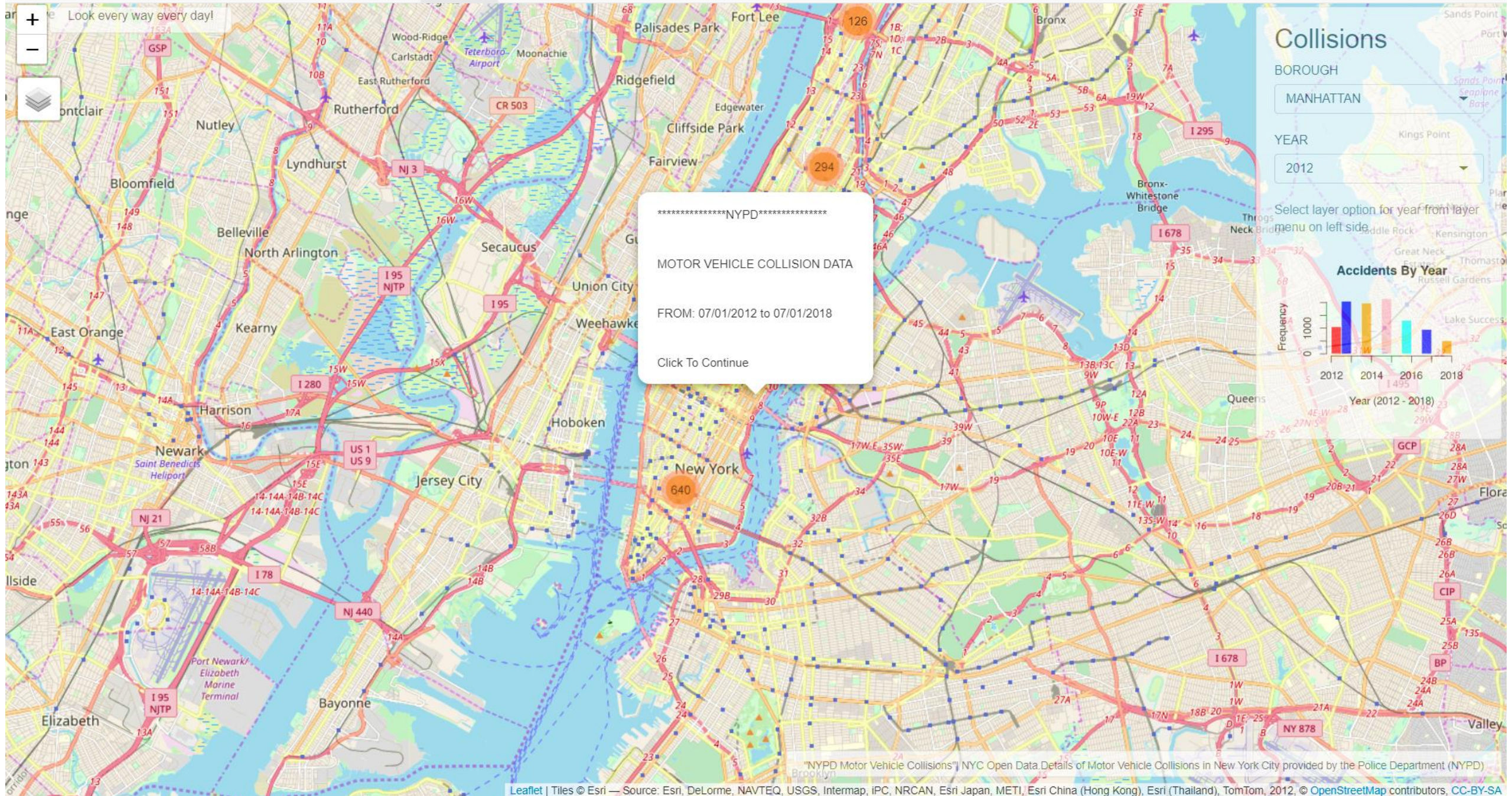

Find Help
Find answers to questions about data and ordering

❖ NYCD Collisions Data:
data.cityofnewyork.us/

❖ Weather Data:
www.ncdc.noaa.gov/

Look every way every day!

Map navigation controls: zoom in (+), zoom out (-), and a layer icon.



Collisions

BOROUGH

MANHATTAN

YEAR

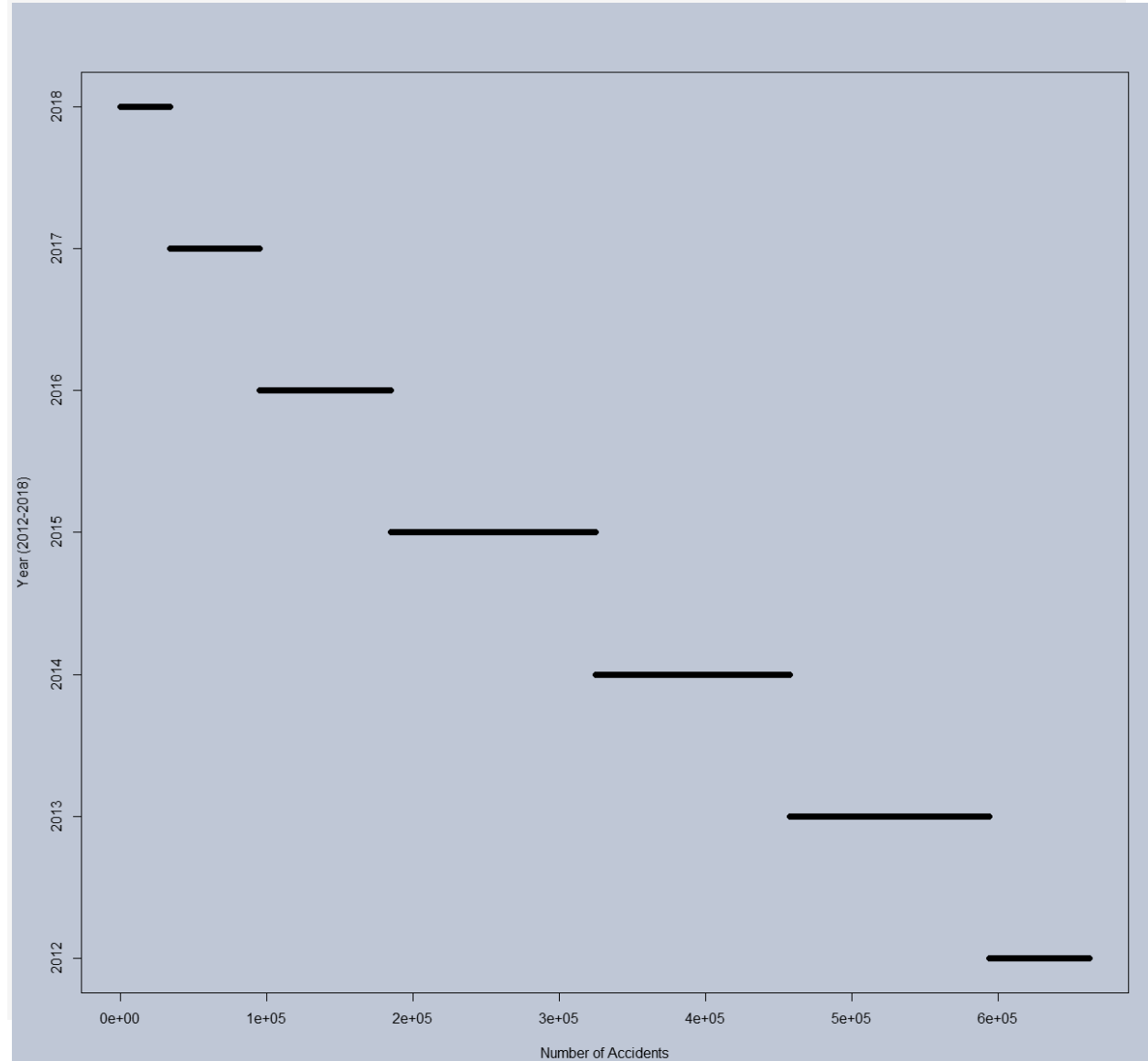
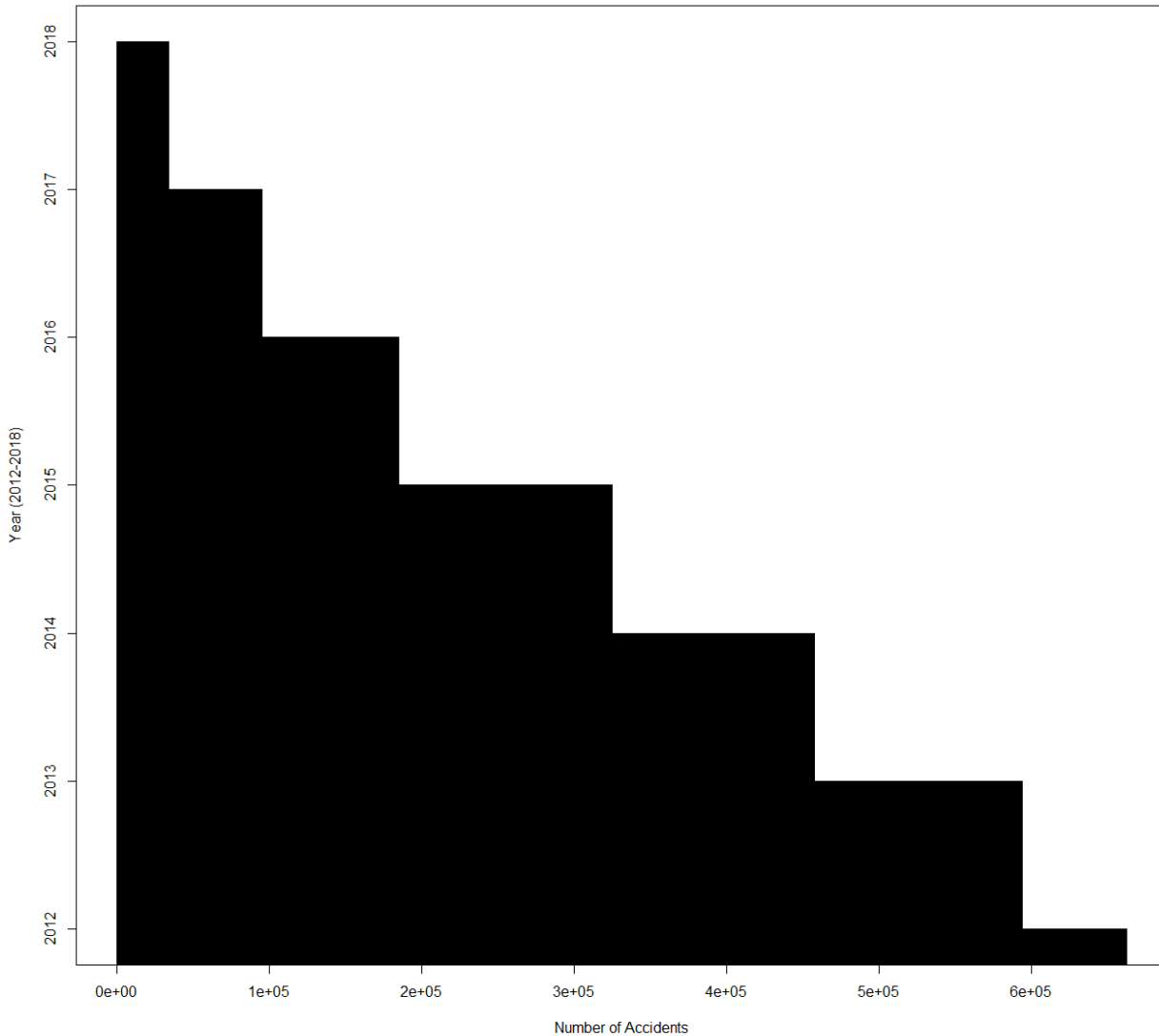
2012

Select layer option for year from layer menu on left side

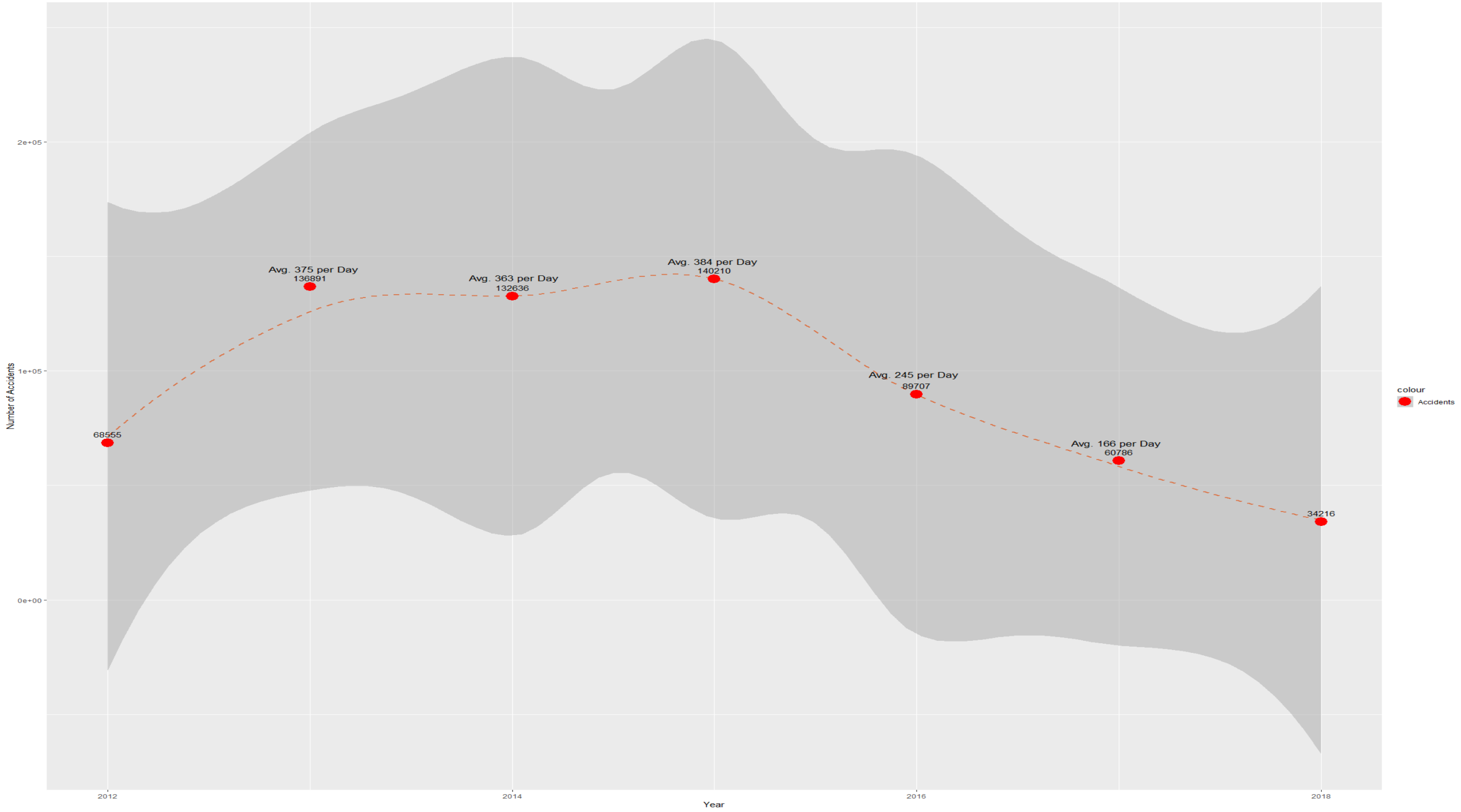
Accidents By Year



GRAPH with complete data set: 663001 Observations



NYC Motor Vehicle Collisions 2012 - 2018



By Type of Weather :



Your Role

Whether you are walking, biking or driving to get around the city, the Vision Zero Resource Center has tips to make your trip safer. With new information and research on traffic safety being published all the time, the Vision Zero Team wants you to have the knowledge and power to make each day as safe as possible. Please share this information with friends, family, and coworkers. By creating a network of New Yorkers who are all engaged and educated on street safety, and who prioritize sharing the street, we can create a New York where injuries and fatalities on the road do not exist.

Crashes are preventable and it takes all of us to make our streets safer. Together, we can make a difference.



Driving



Biking



Walking

THANK YOU



Any Questions !!