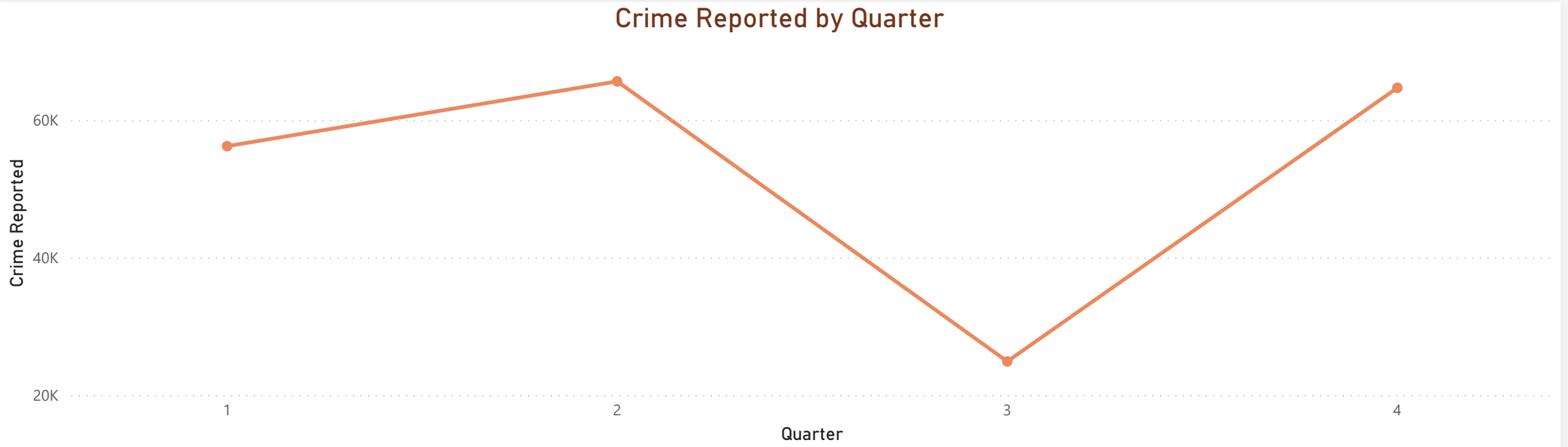


Business Question 1

Crime Reported by Quarter



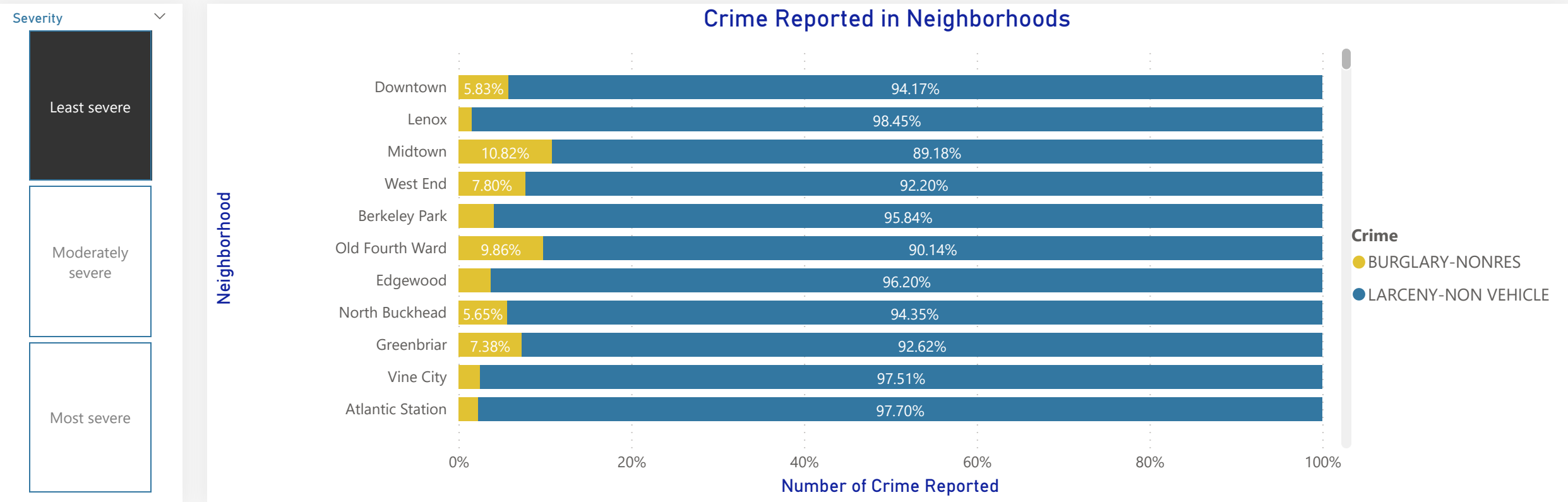
Q1. How many crimes were reported in each quarter during Obama's presidential tenure [2009-2016]? How does it compare year wise? Is there any significant trend?

Over the years we can see that there is a sharp increase in quarter 2 then sharp decrease in quarter 3 before rising again in quarter 4. This graph can tell us the second quarter of the year has the highest number of crimes reported and quarter 3 has the lowest number of crimes reported.

According to the data, in quarter 1 of the year, there were 56,207 reported crimes, while in quarter 2, the number increased to 65,631. However, there was a sharp decrease in quarter 3 with only 24,892 reported crimes before rising again to 64,693 in quarter 4.

Furthermore, by rolling up and examining the data for each year, it can be seen that there has been a decrease in the number of reported crimes from 31,743 in 2009 to 22,669 in 2016. This trend is reflected in all quarters.

Business Question 2



Q2. What was the most commonly reported crime in the least severe category in each neighborhood?
In the least severe category Larceny-non vehicle crime is most commonly reported. The percentages Larceny- non vehicle is reported is mostly above 95% with percentages sometimes falling in between 90% to 80% and 80% and 70%

Business Question 3

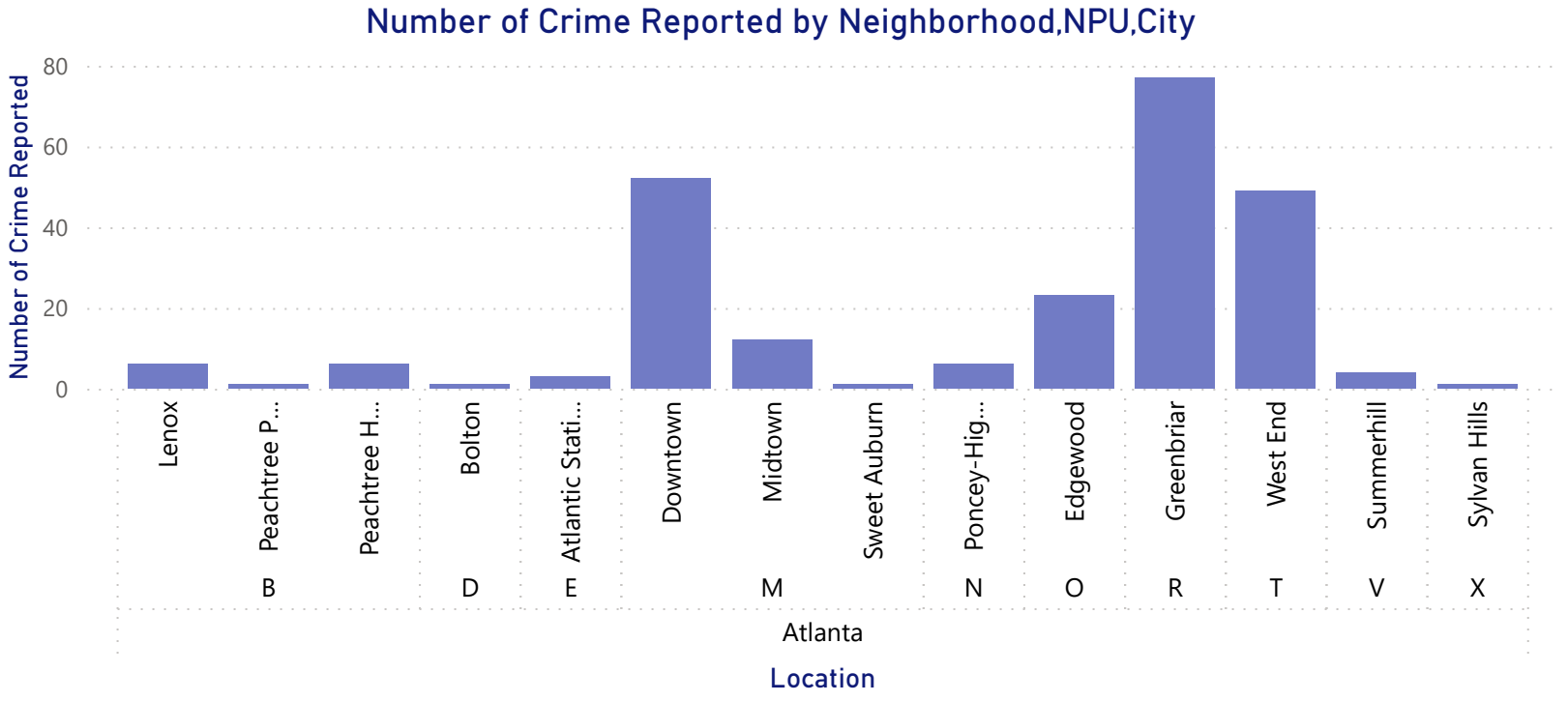
Number of Crime Reported by Neighborhood, NPU, City



Q3. Which neighborhood has highest number of crime reported?

Downtown is the town with the highest number, with value reported as 16334 of crimes happening reported. Midtown being the second highest with value reported as 11435.

Business Question



Type

office

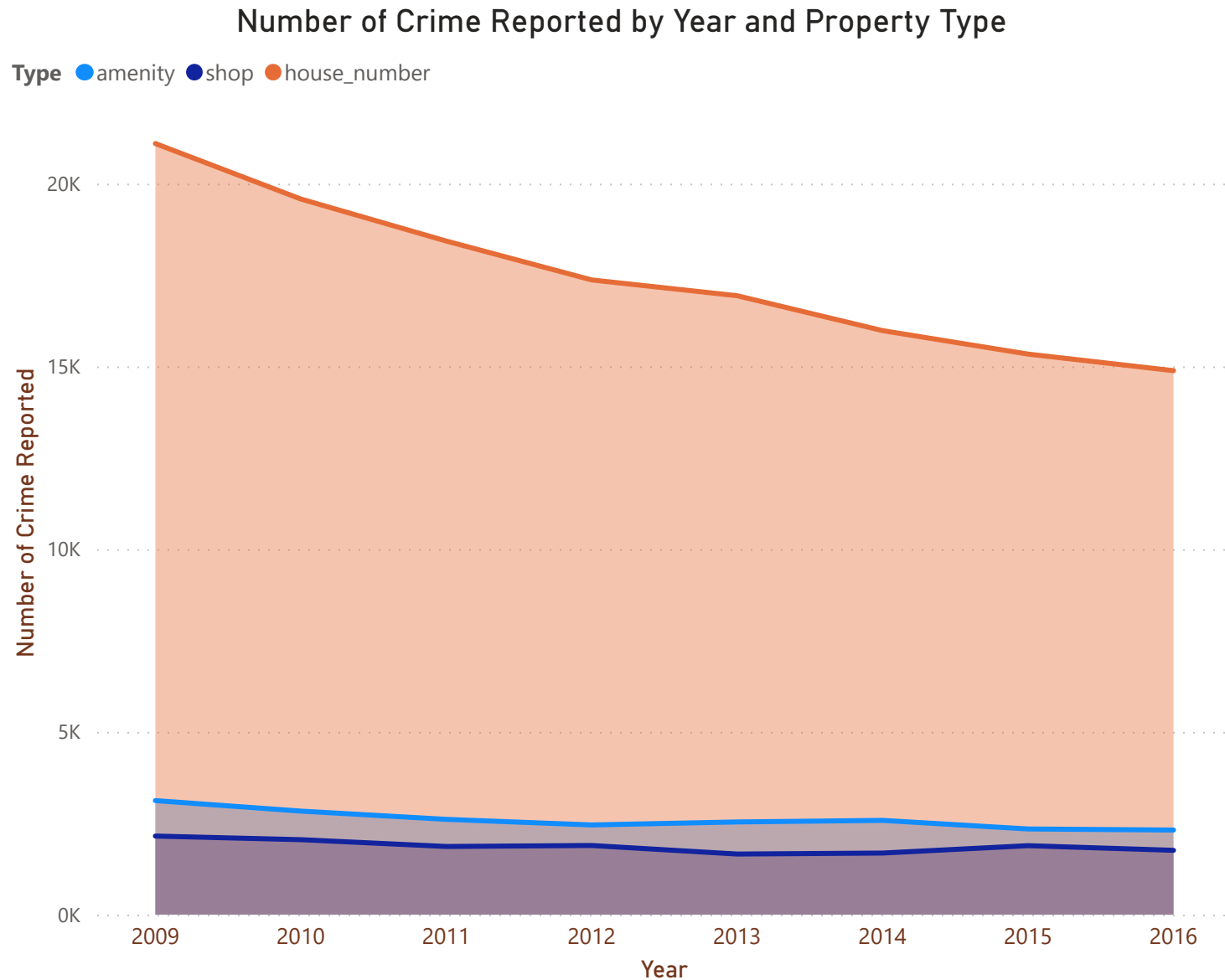
Year

200920122015201020132016201120142017

Q4. In 2009, which NPU had the highest number of reported crimes that occurred in offices? Furthermore, within that NPU, which neighborhood had the highest number of reported crimes that occurred in offices?

NPU R had the highest number of reported cases of 77 crimes in offices. By using drill down facilities with it can be seen that the neighborhood under NPU R with highest number of cases reported in office is Greenbriar.

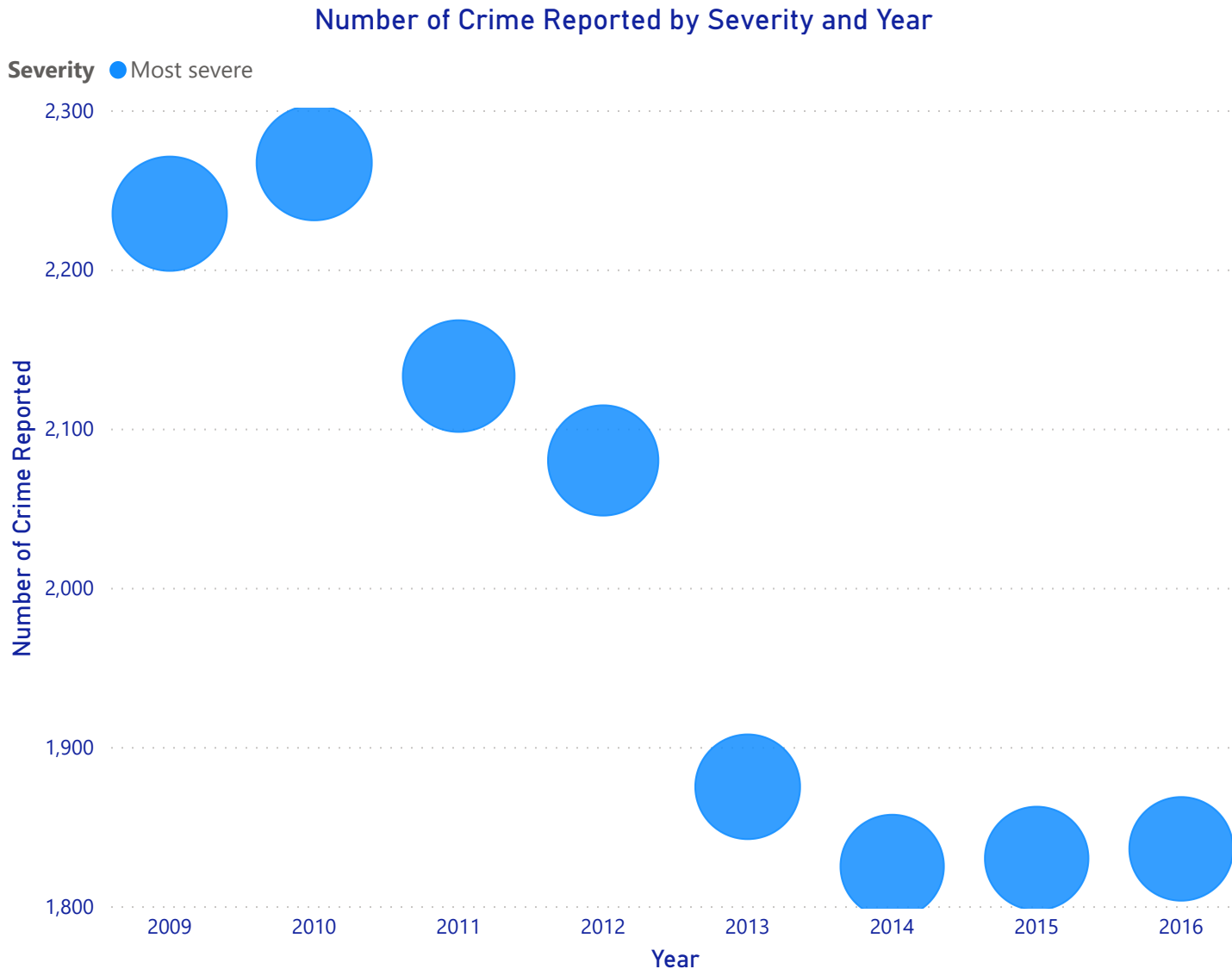
Business Question 5



Q5. Which top three property types had the highest number of crimes reported during president Obama's tenure[2009-2016]

House, shop and amenity are the top most targeted property types.

Business Question 6



Severity

Least severe

Moderately severe

Most severe

Q6. What is the trend of severity levels of crime annually during Obama's presidential tenure[2009-2016]

Least severe trend - In terms of the least severe crimes, while there has been a consistent decrease overall, there was a spike in 2010 with 8,092 cases reported before dropping down to 6,033 in 2016.

Moderately severe trend - The crime that is most frequently reported has seen a steady decrease over the years, going from 21,464 cases to 14,800.

Most severe - The most severe crimes, on the other hand, are the least reported, and there was a sharp decline in reported cases between 2010-2011 and 2012-2013. The highest number of most severe crime is 2267. In recent years, the number of most severe crimes has been consistently low, with an average of about 1,800 cases compared to over 2,000 cases reported five years ago.