

London Crime Data Set

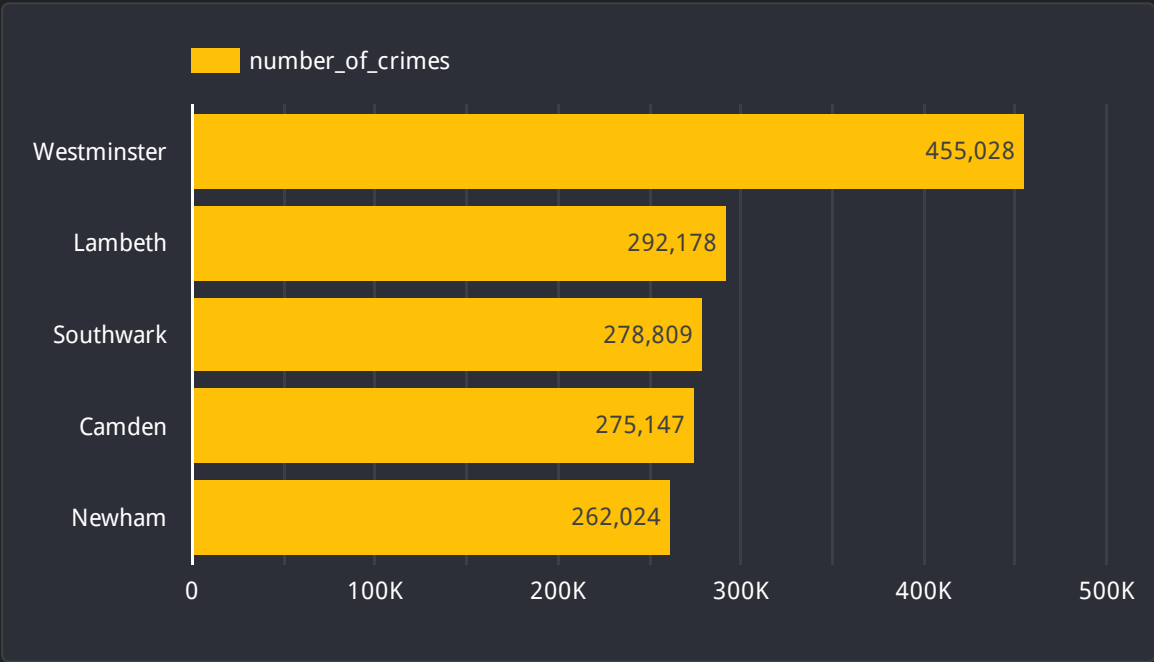
2008 - 2016 Geographic Crime Case

Created by: Elnaz Dehkharghani | Data Source Kaggle.com | 16th June 2021

(1) Total Number of Boroughs in London

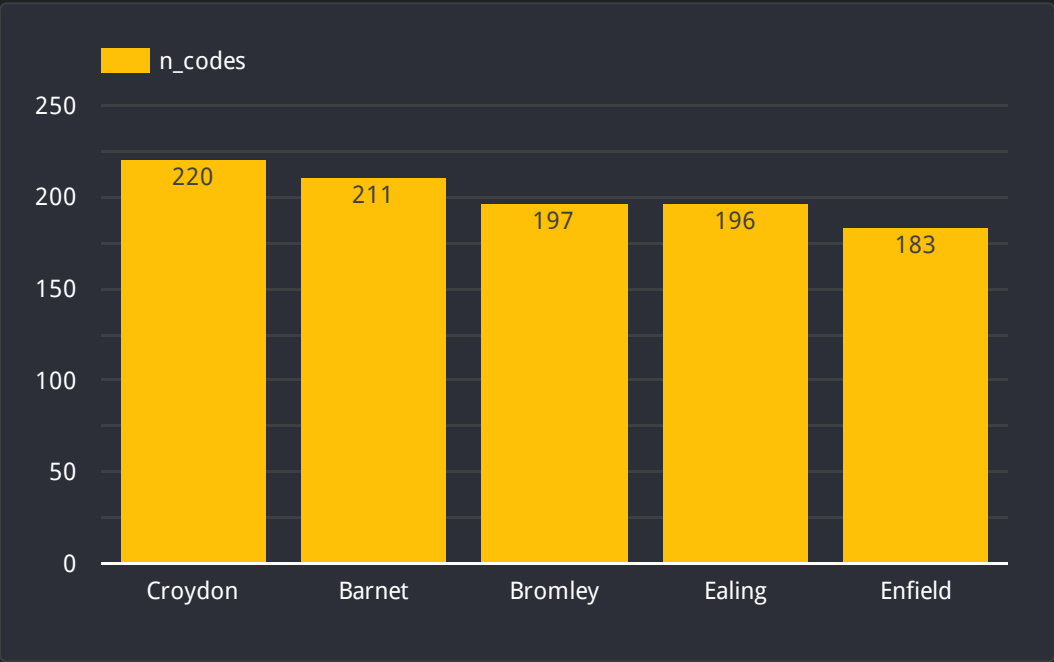


(2) Top 5 Boroughs by Crime Rate



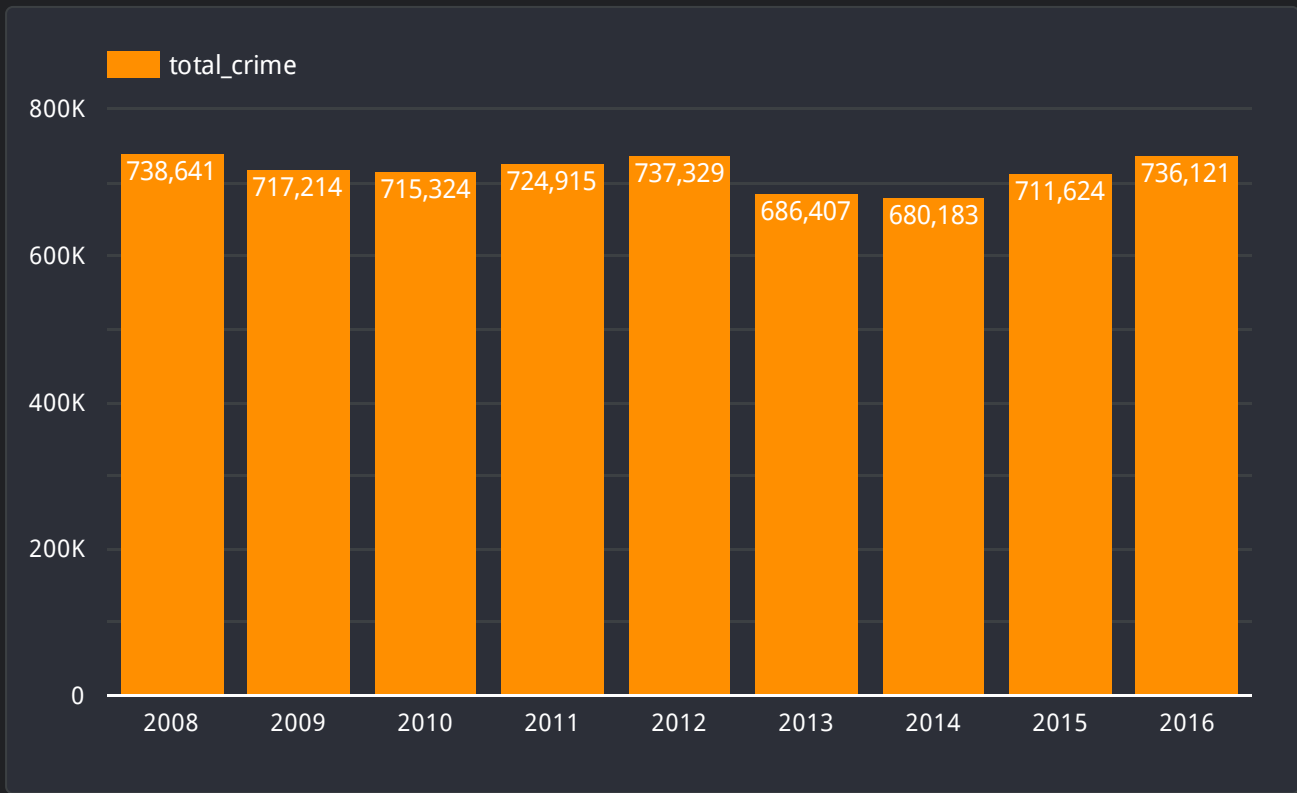
▷ **Westminster** is the borough with the highest crime rate; the **City of London** is the borough with the lowest crime rate.

(3) Top 5 Boroughs with Most LSOA Code



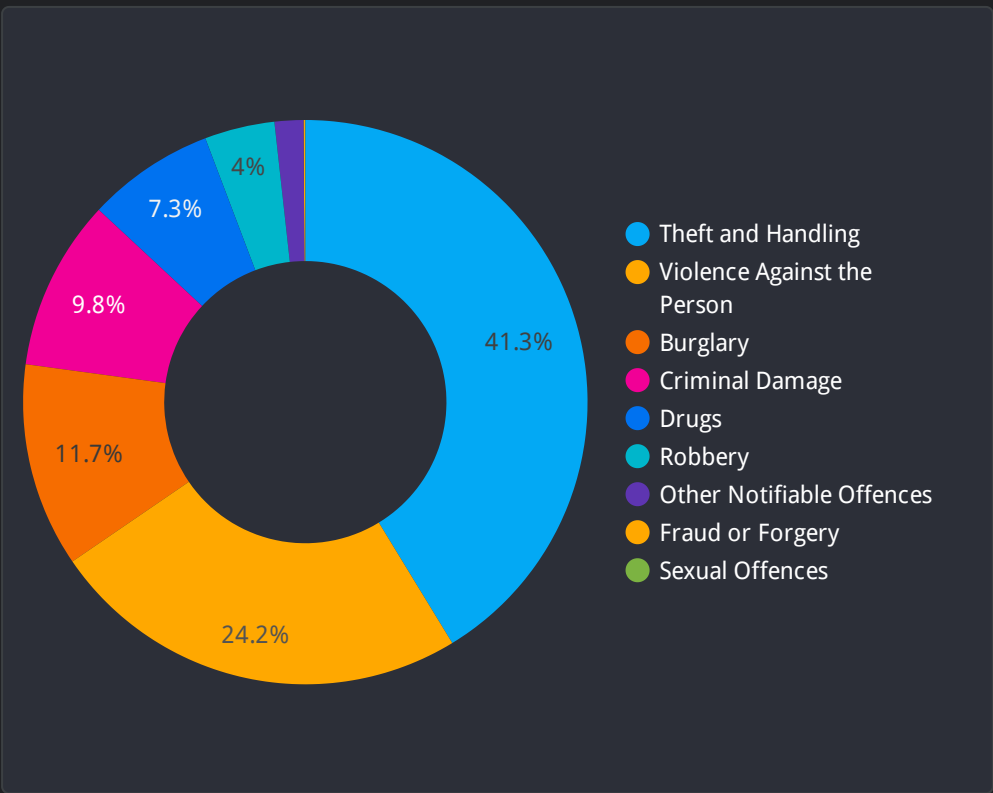
▷ **Croydon** is the borough with the highest number of LSOA codes; the **City of London** is the borough with the lowest.

(4) Total Number Committed Crimes each Year in London



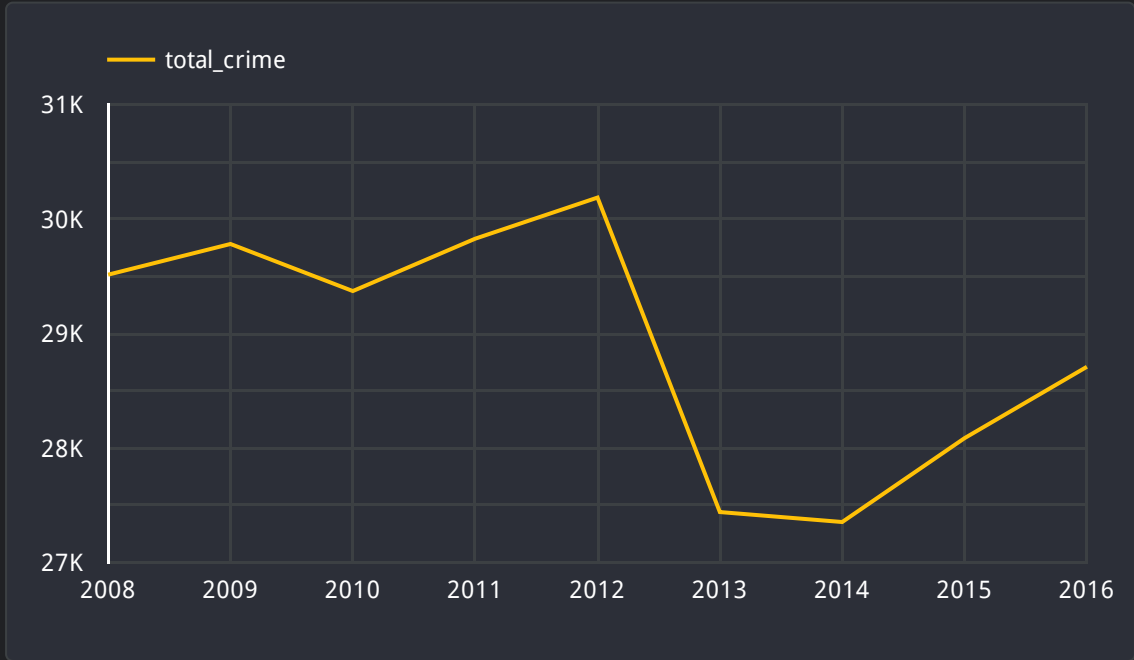
▷ It is obvious between 2008 to 2016, **2008** is the year with the highest amount of crimes and in contrast to the other years, **2014** is the more controlled one.

(5) Volume and Type of the Crimes



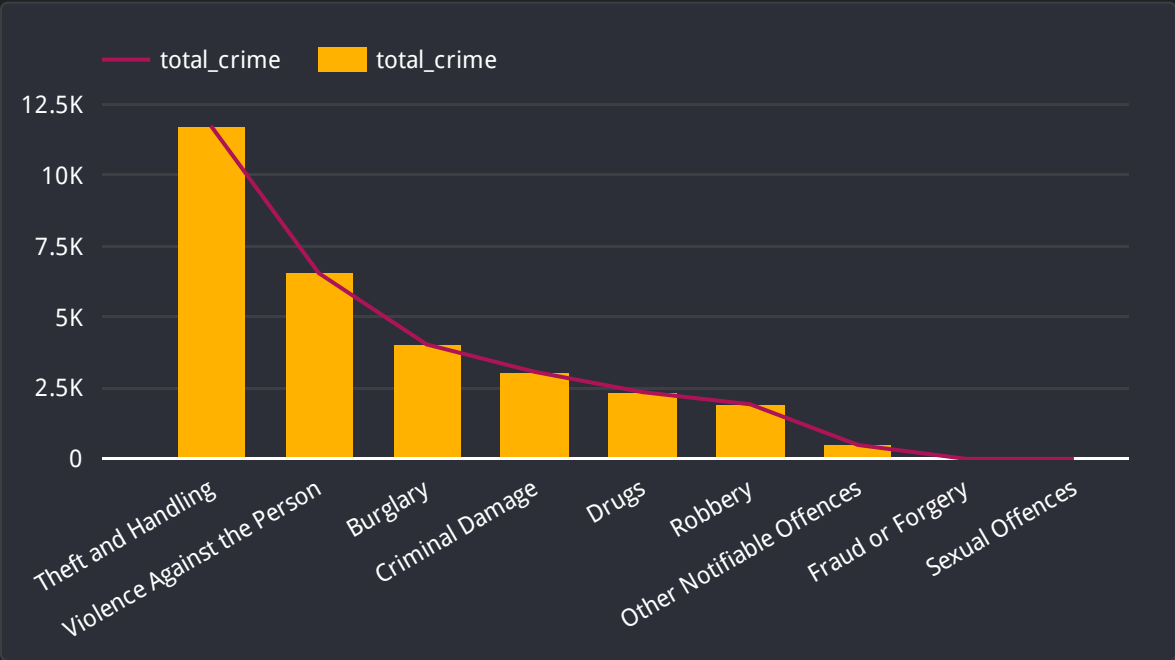
▷ In London, **Theft and Handling** are occurring most of the time, after that **violence against the person** and **Burglary** are two categories that are happening mostly respectively.

(6) Crimes in Croydon Borough Over the Whole Time Period (2008 - 2016)



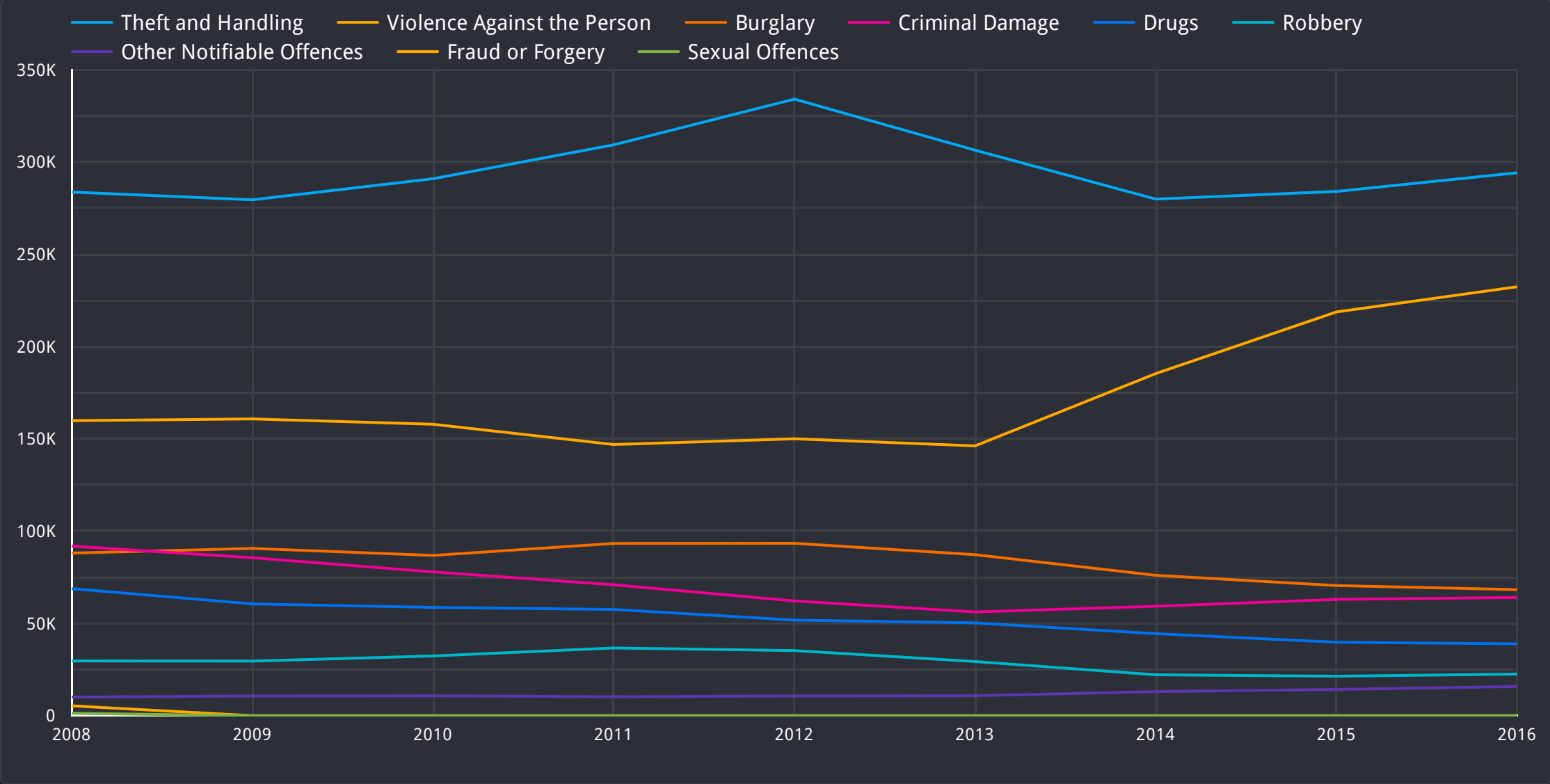
▷ Most of the crimes has happened in **2012**.

(7) Major Catogory Crimes in Croydon in 2012



▷ In **2012**, there is not any report for both fraud or sexual offenses but instead, in the overall view, **theft and handling** are the most reported cases.

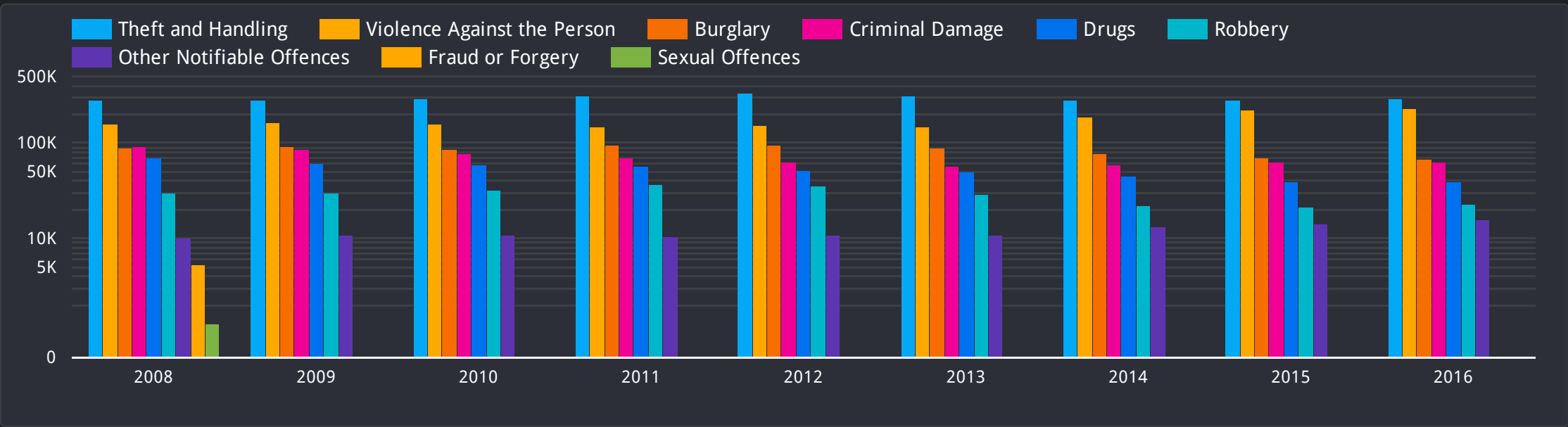
(8) Analysis of Growth for Different Type of Crimes Over the Whole Time Period



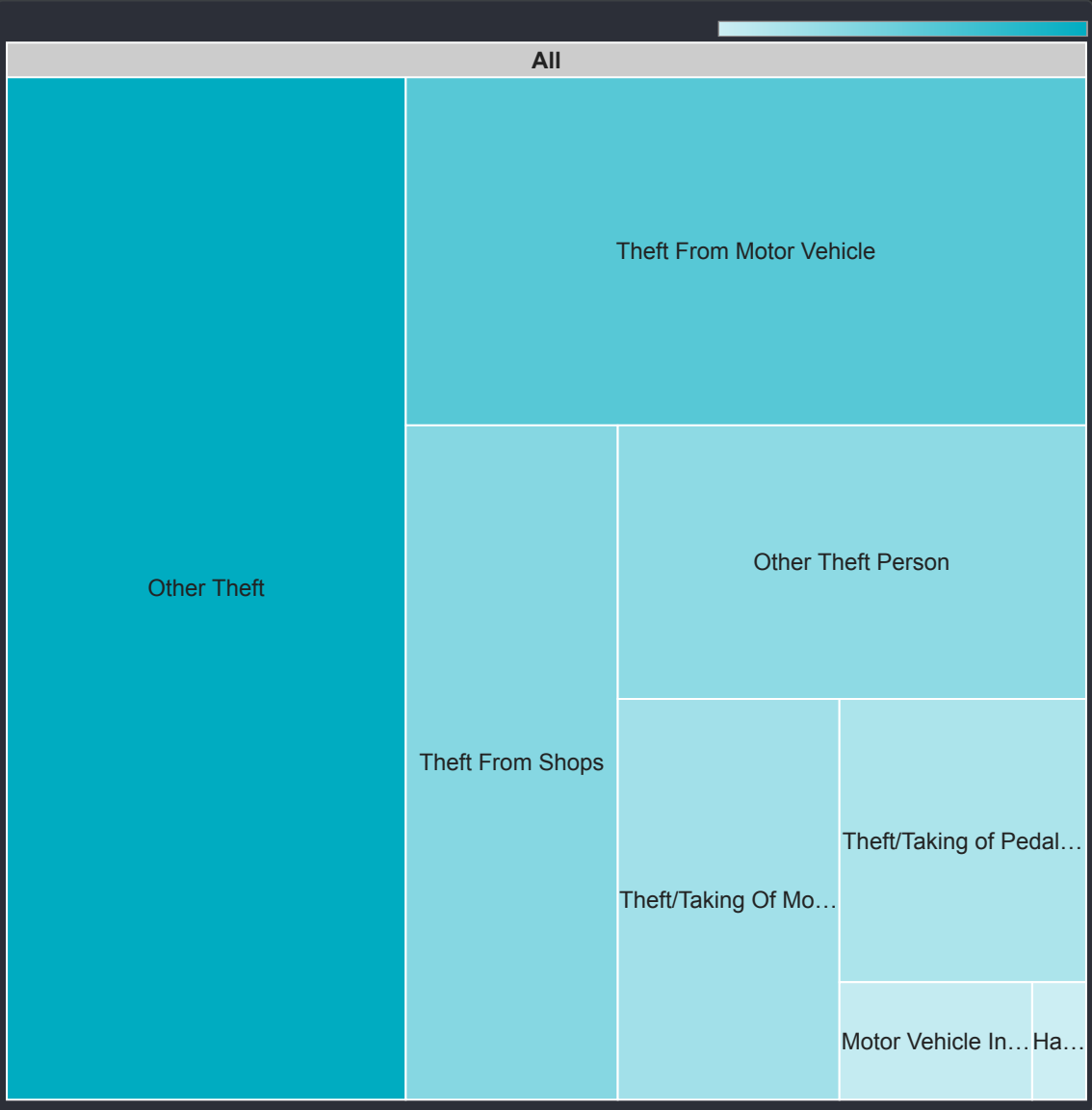
From 2008 to 2016 **other notifiable offenses** and **violence against the person** are those which are growing fastest over time. With this speed, violence against the person is going to reach theft and handling rates soon in the future.

All the other crimes appear to be in reasonable decline; although note the scaling for the y-axis is not truly comparable. We could calculate the percentage change for each of the major categories, which would give us a better indication as to the true problem of crimes that aren't being tackled.

(9) Different Types of Crimes and Their Quantity per Year

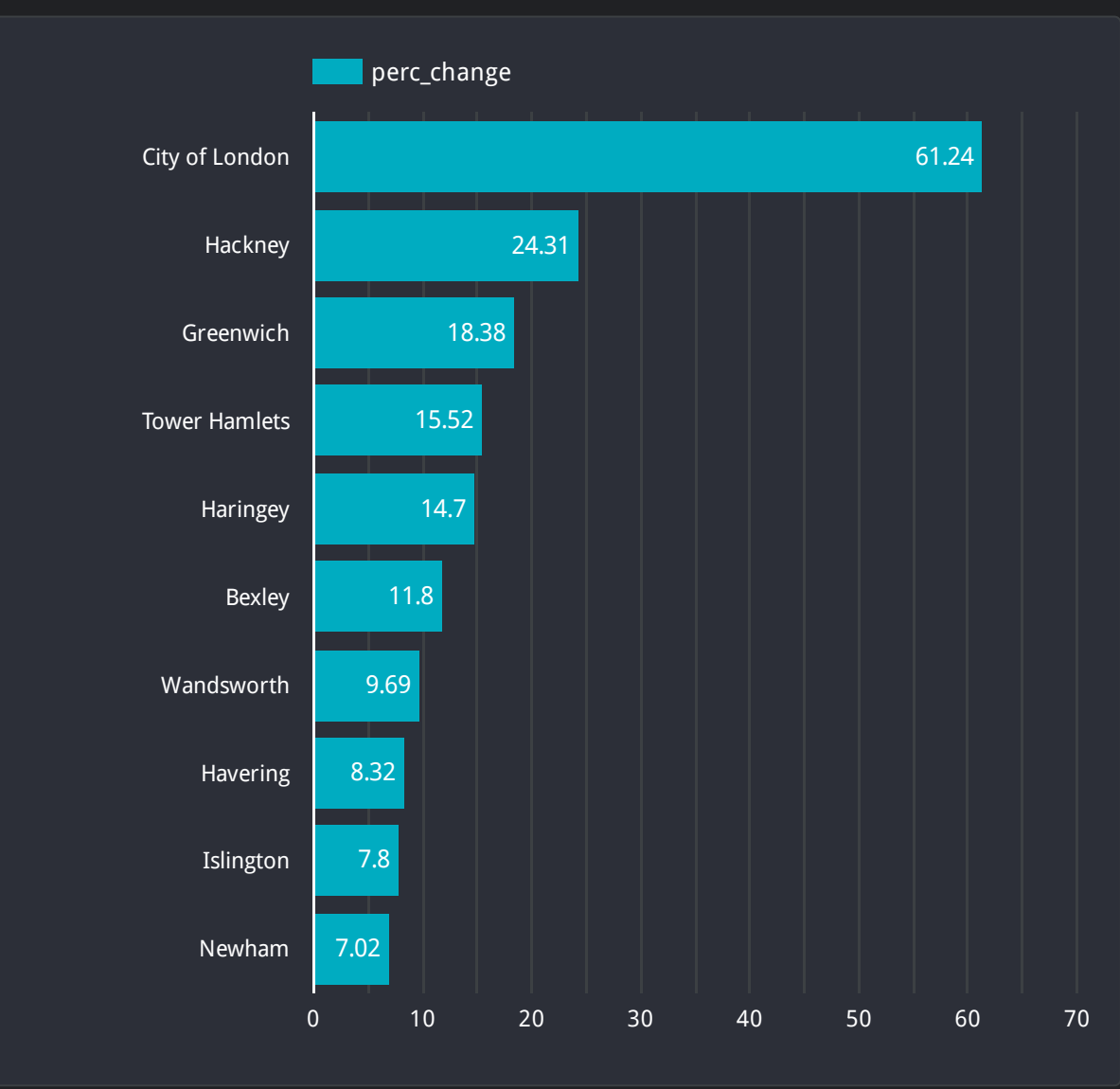


(10) Minor Categories of Theft and Handling



- **Other theft** is the most committed one and **handling stolen goods** is the least occurred one in this category

(11) What is the Percent Change in Crime Across Boroughs?
(From 2011 to 2016)



(12) Top 3 Crimes Per Borough

