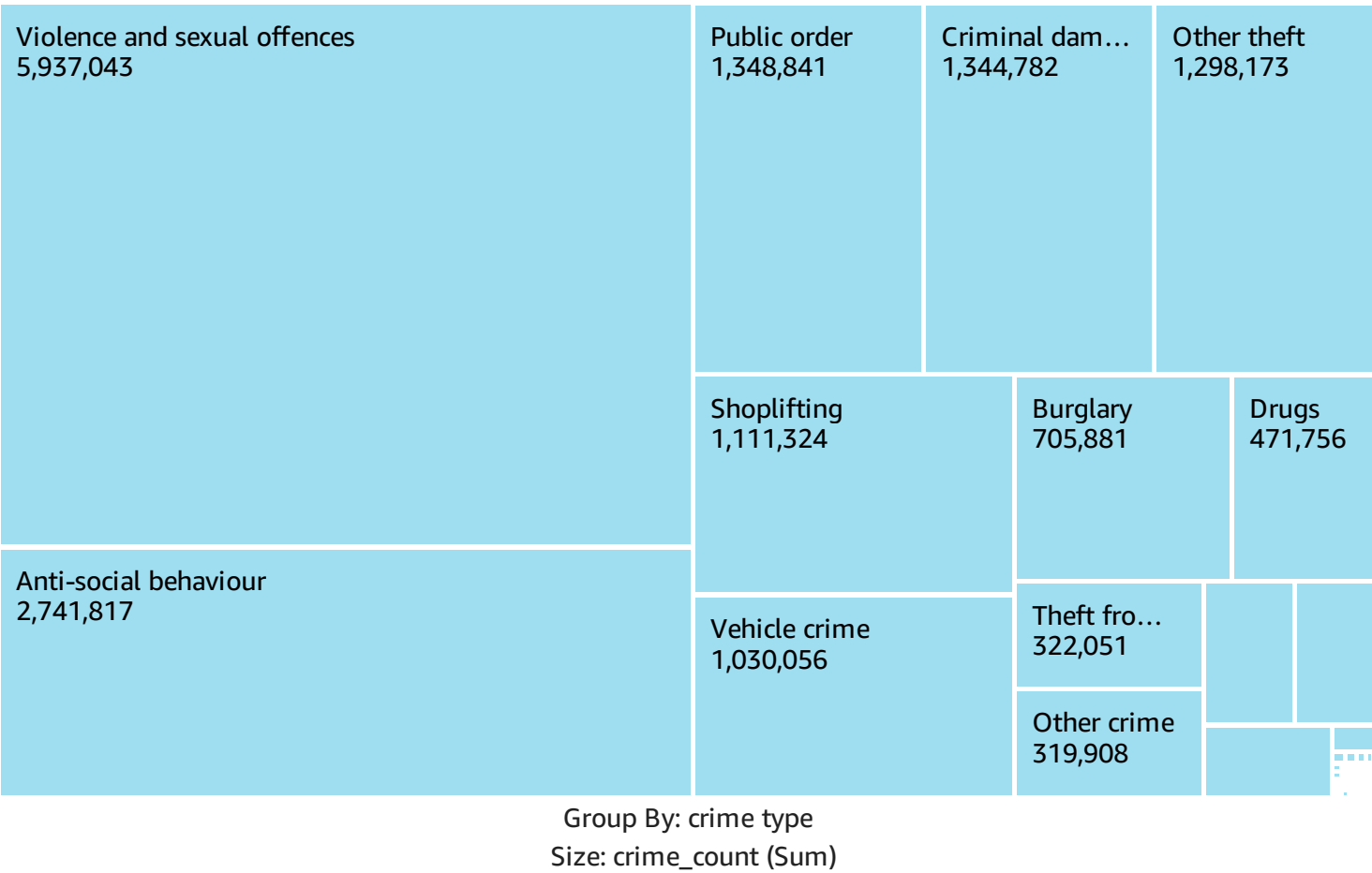


# Comprehensive Crime Data Analysis

Sum of Crime\_count by Crime Type

SHOWING TOP 100 IN CRIME TYPE



## Most Common Crime Types

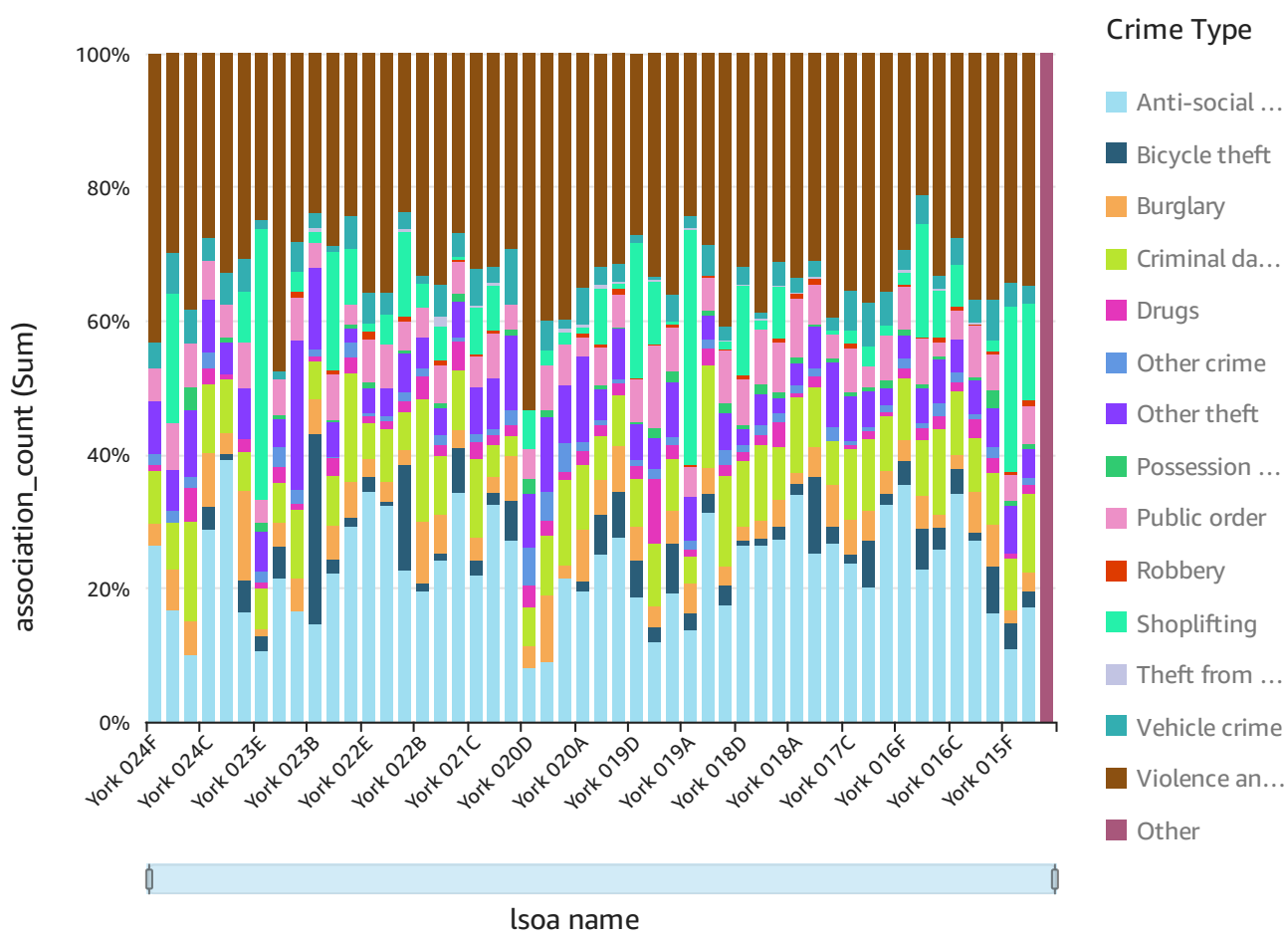
- Violence and sexual offences** is the most frequent crime type by a significant margin, with a total count of 5,937,043.
- Anti-social behaviour** is the second most common crime type, but its count (2,741,817) is substantially lower than "Violence and sexual offences".
- Several other crime types have counts in the range of one to one and a half million, including **Public order** (1,348,841), **Criminal damage and arson** (1,344,782), **Other theft** (1,298,173), and **Shoplifting** (1,111,324).
- Vehicle crime** also has a notable count, exceeding one million (1,030,056).
- Crime types with lower counts in this top selection include **Burglary** (705,881), **Drugs** (471,756), **Theft from the person** (322,051), and **Other crime** (319,908).
- Robbery** (204,624) and **Bicycle theft** (185,776) have relatively lower counts compared to the other categories shown.

## Crime Type Distribution Across Different Local Areas (LSOAs)

- Dominant Crime Types by Area:** The chart highlights the most prevalent crime types in specific LSOAs. For instance, in some areas, "Anti-social" behaviour appears to constitute a significant portion of the reported incidents, while in others, "Violence and sexual offences" or "Other theft" might be more dominant.
- Comparison of Crime Profiles:** By comparing the color patterns across different bars (representing different LSOAs), it's possible to identify areas with similar crime profiles or those that exhibit unique patterns. Some LSOAs may have a more diverse range of crime types reported, while others might be characterized by a few predominant categories.
- LSOAs with Higher Crime Association:** The height of each bar indicates the total "association count" for that LSOA. Taller bars suggest a higher overall number of reported crimes within that local area.
- Prevalence of Specific Crime Types Across LSOAs:** Certain crime types, such as "Violence and sexual offences" and "Other theft," appear to be present across a wide range of LSOAs, suggesting they are more widespread issues.
- Identification of Localized Crime Issues:** The chart can help pinpoint LSOAs where specific crime types have a particularly high proportion, indicating potential localized issues that might require targeted interventions. For example, an LSOA with a high proportion of "Burglary" might warrant specific attention to home security.

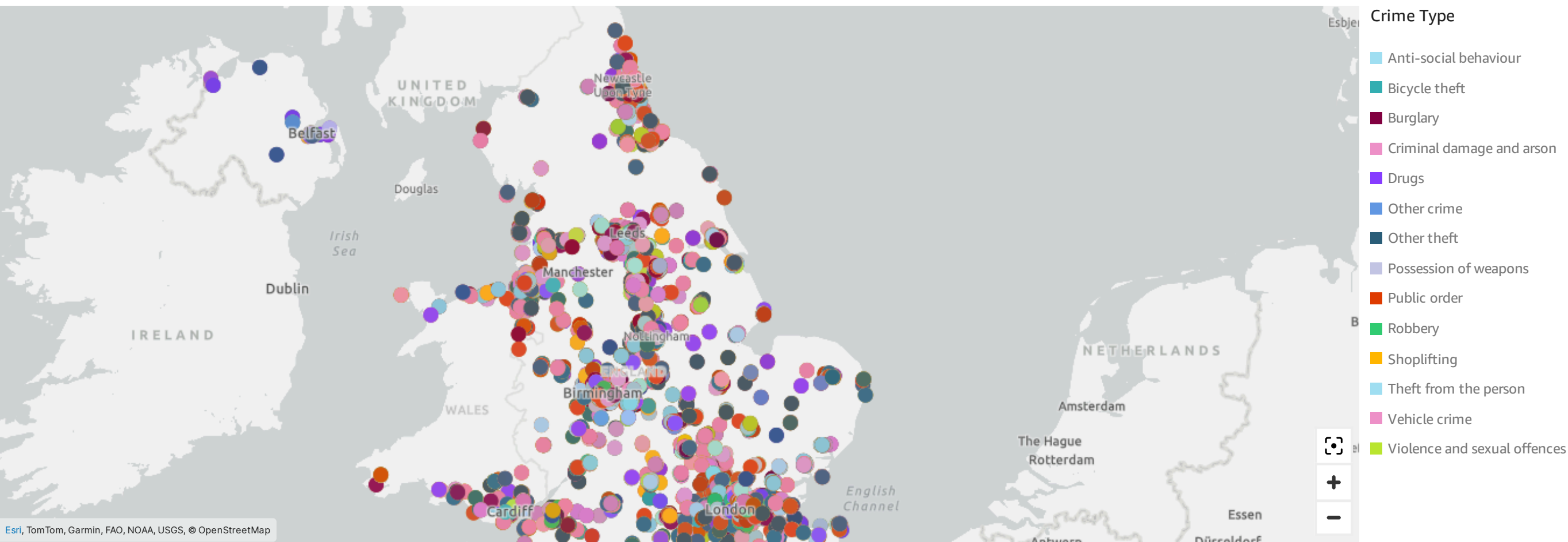
Sum of Association\_count by Lsoa Name and Crime Type

SHOWING TOP 50 IN LSOA\_NAME AND TOP 15 IN CRIME TYPE



Count of Records by Latitude, Longitude, and Crime Type

SHOWING TOP 5000 IN LATITUDE, LONGITUDE AND TOP 14 IN CRIME TYPE



## Crime Data Analysis: Trends by Type, Location, and Reporting Agency (2022-2024)

- Top Crime Type:** **Violence and sexual offences** recorded the highest total count at 5,937,043.
- Second Most Common:** **Anti-social behaviour** was the second most frequent crime type with 2,741,817 incidents.
- Other High-Frequency Crimes:** Several other crime types had counts exceeding one million:

- **Public order:** 1,348,841
- **Criminal damage and arson:** 1,344,782
- **Other theft:** 1,298,173
- **Shoplifting:** 1,111,324

**Significant Crime Count:** **Vehicle crime** also exceeded one million with 1,030,056 incidents.

**Lower Frequency Crimes:** Crime types with lower counts included:

- **Burglary:** 705,881
- **Drugs:** 471,756
- **Theft from the person:** 322,051
- **Other crime:** 319,908
- **Robbery:** 204,624 (Note: This number was derived from the previous analysis of the first graph)
- **Bicycle theft:** 185,776 (Note: This number was derived from the previous analysis of the first graph)
- **Possession of weapons:** 148,000 (Note: The exact number is partially obscured in the previous analysis)

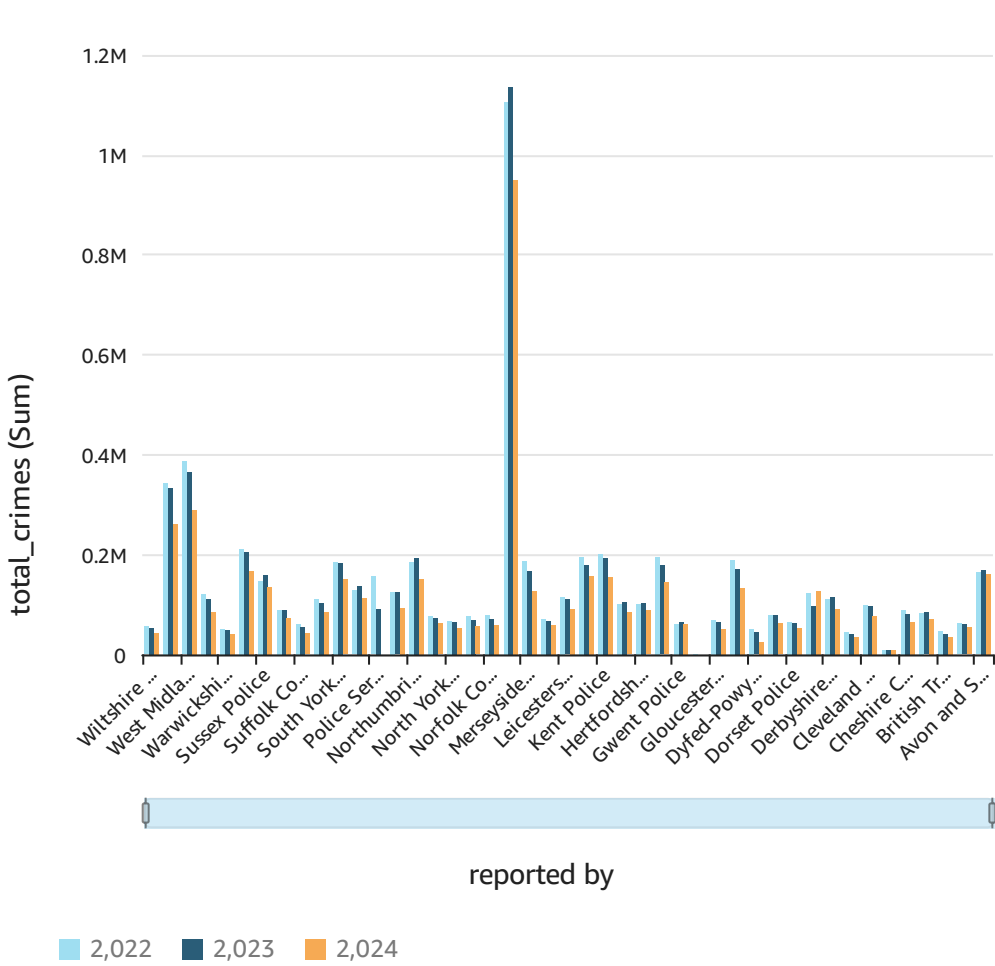
**LSOA Distribution:** The distribution of crime types varies across different Local Super Output Areas (LSOAs). For example, in **York 024F**, "Anti-social" behaviour appears to have a significant proportion. (Note: This observation is based on the visual analysis of the stacked bar chart).

**High Crime LSOAs:** Certain LSOAs, as indicated by taller bars in the stacked bar chart, show a higher overall number of associated crimes. (Note: Specific LSOA names and counts were detailed in the previous turn).

**Top Reporting Agency:** The **Metropolitan Police Service** reported the highest number of total crimes across the years:

- **2022:** 1,106,491
- **2023:** 1,135,031
- **2024:** 950,253

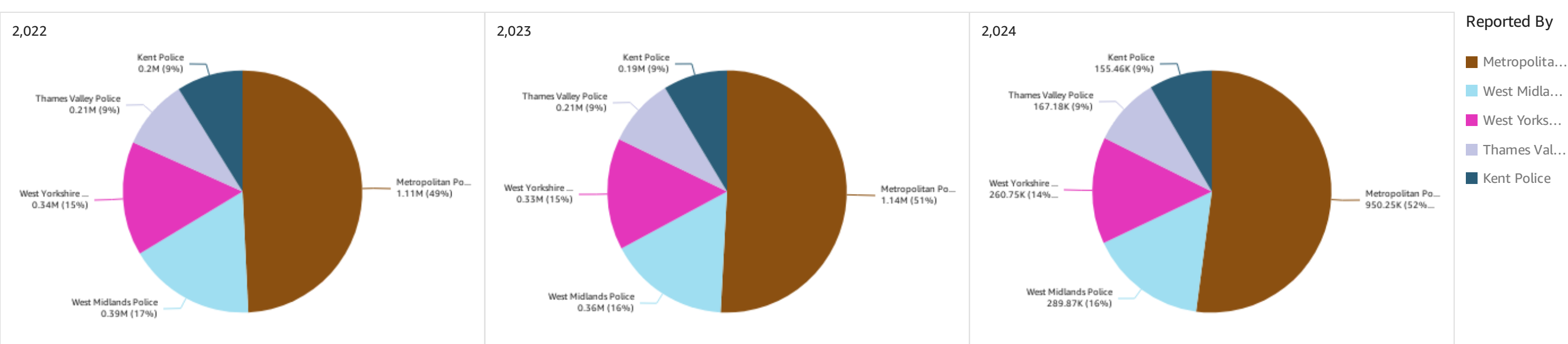
Sum of Total\_crimes by Reported By and Year



Sum of Association\_count by Crime Type, Location, and Lsoa Name

crime type	location	lsoa name
Violence and sexual offences	No Location	
Other theft	No Location	
Public order	No Location	
Criminal damage and arson	No Location	
Shoplifting	No Location	
Vehicle crime	No Location	
Drugs	No Location	
Burglary	No Location	
Anti-social behaviour	On or near	
Violence and sexual offences	On or near	
Other crime	No Location	
Theft from the person	No Location	
Anti-social behaviour	No Location	
Robbery	No Location	
Bicycle theft	No Location	
Criminal damage and arson	On or near	
Possession of weapons	No Location	
Other theft	On or near	

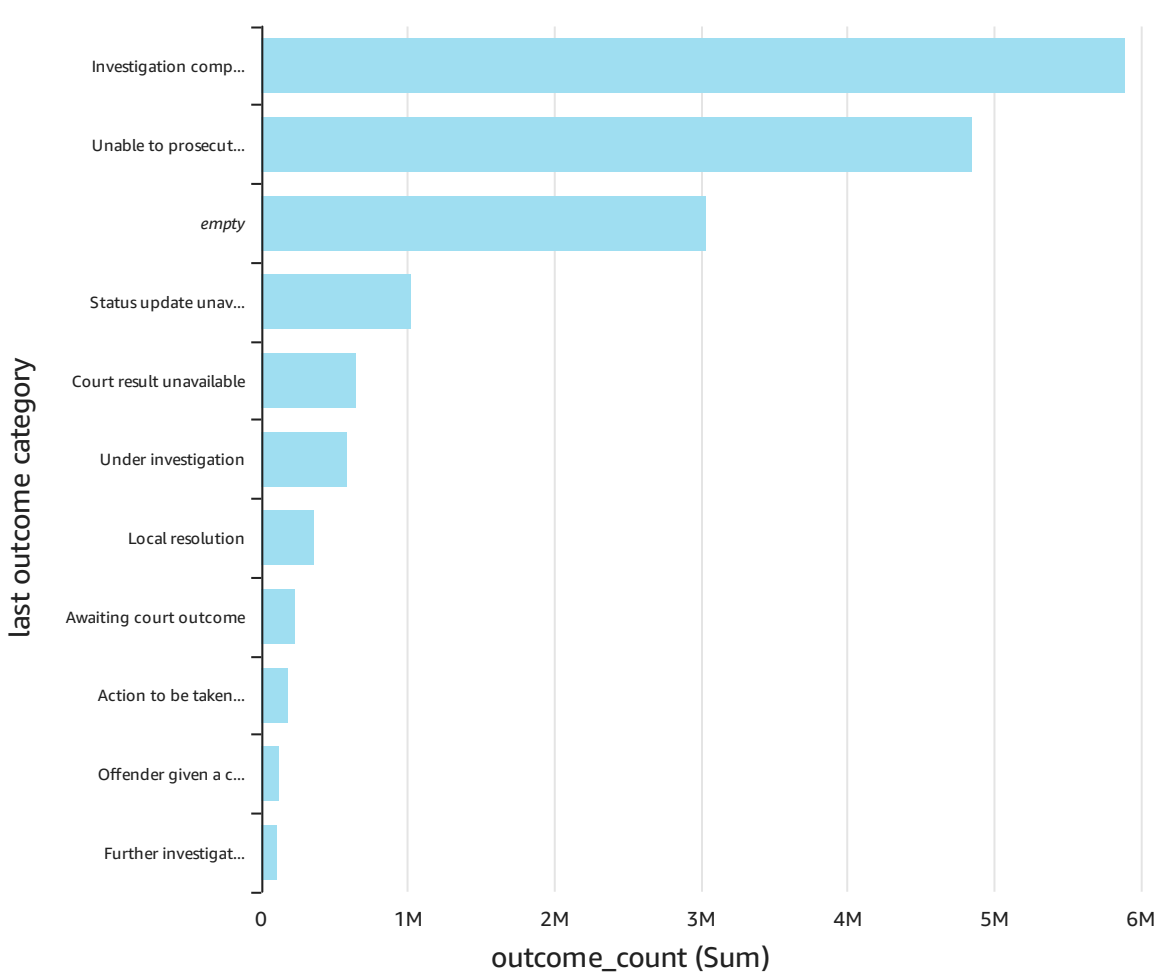
## 5 Highest crimes Reported by Police Station



## Trends by Type, Location, and Reporting Agency (2022-2024)

- Breakdown of Crime Types (Bar Chart):** This graph illustrates the total count of different crime types recorded in the dataset. **Violence and sexual offences** emerges as the most frequent category with 5,937,043 incidents. **Anti-social behaviour** is the second most common with 2,741,817. Several other crime types have counts exceeding one million. This overview provides a general understanding of crime prevalence.
- Crime Type Distribution Across Local Areas (Stacked Bar Chart):** This chart shows the distribution of crime types within the top 35 LSOAs with the highest crime counts. It reveals variations in crime profiles across areas. For example, some LSOAs show a high proportion of anti-social behaviour, while others have more violence or theft. This highlights localized crime patterns.
- Total Crimes Reported by Police Force and Year (Bar Chart):** This graph presents the total number of crimes reported by different police forces between 2022 and 2024. The **Metropolitan Police Service** consistently reported the highest numbers. There's a slight decrease in overall reported crimes for most top forces from 2023 to 2024. This shows the reporting workload across different agencies.

Sum of Outcome\_count by Last Outcome Category



Sum of Outcome\_count by Last Outcome Category and Year

