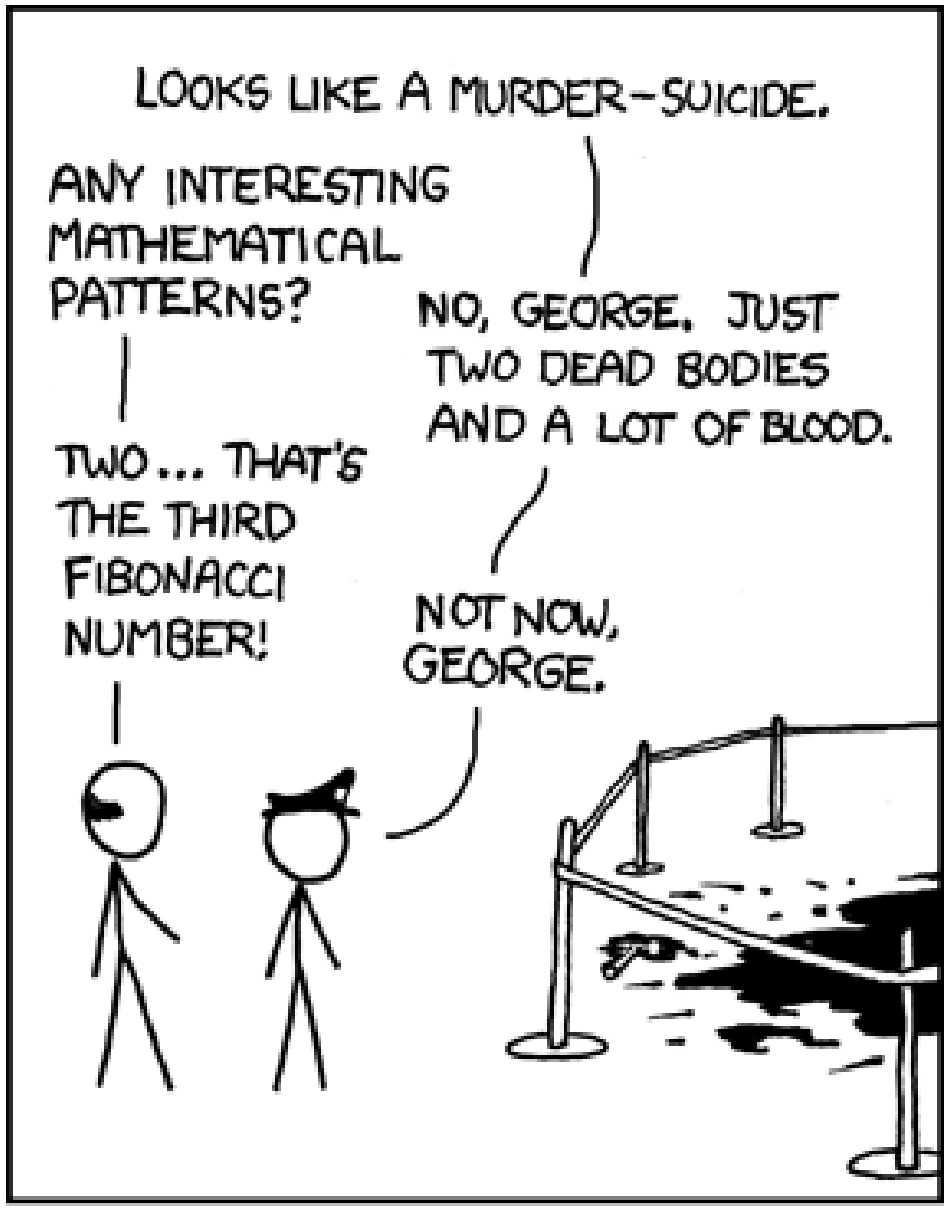
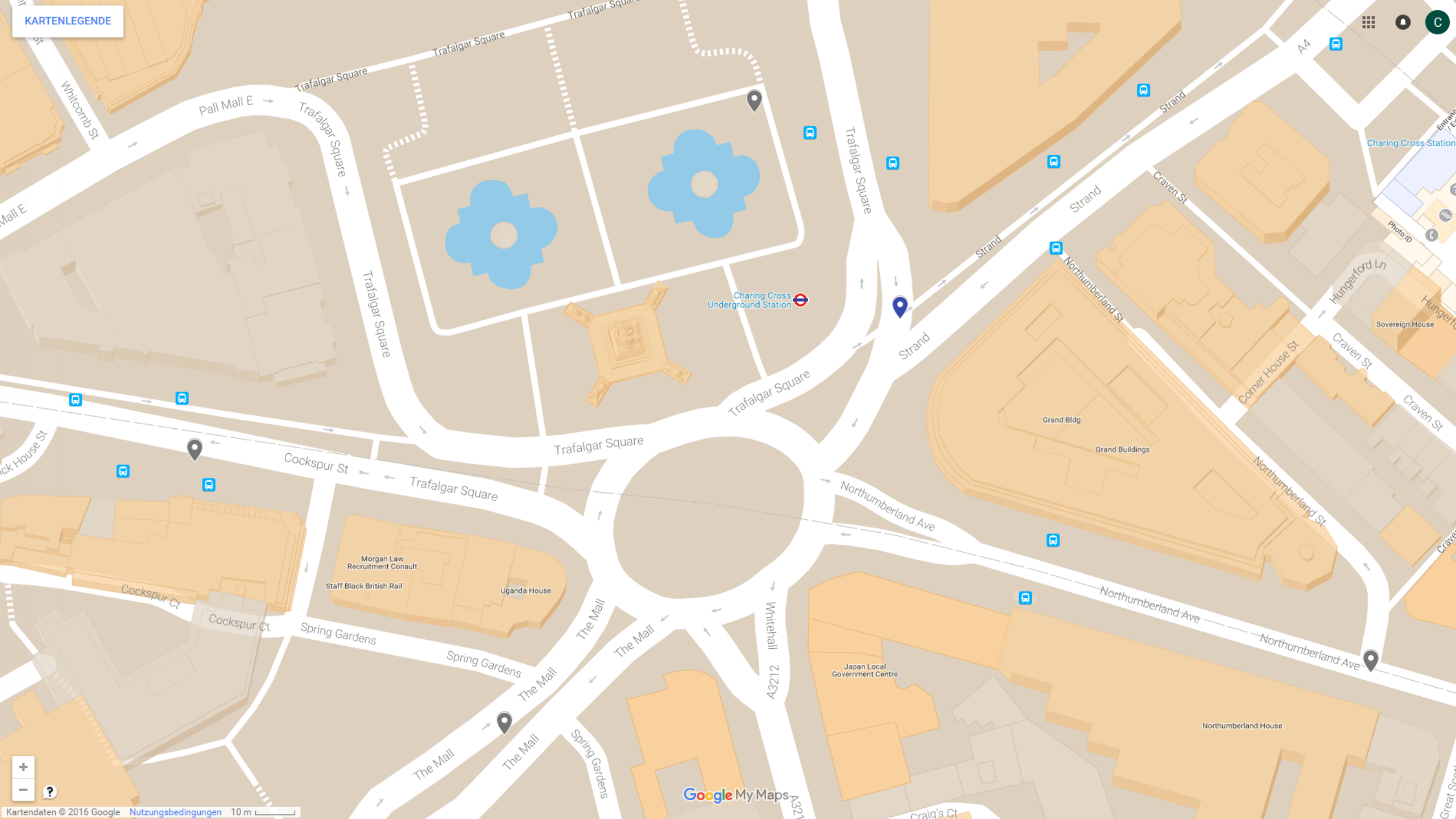
Crimes in the UK

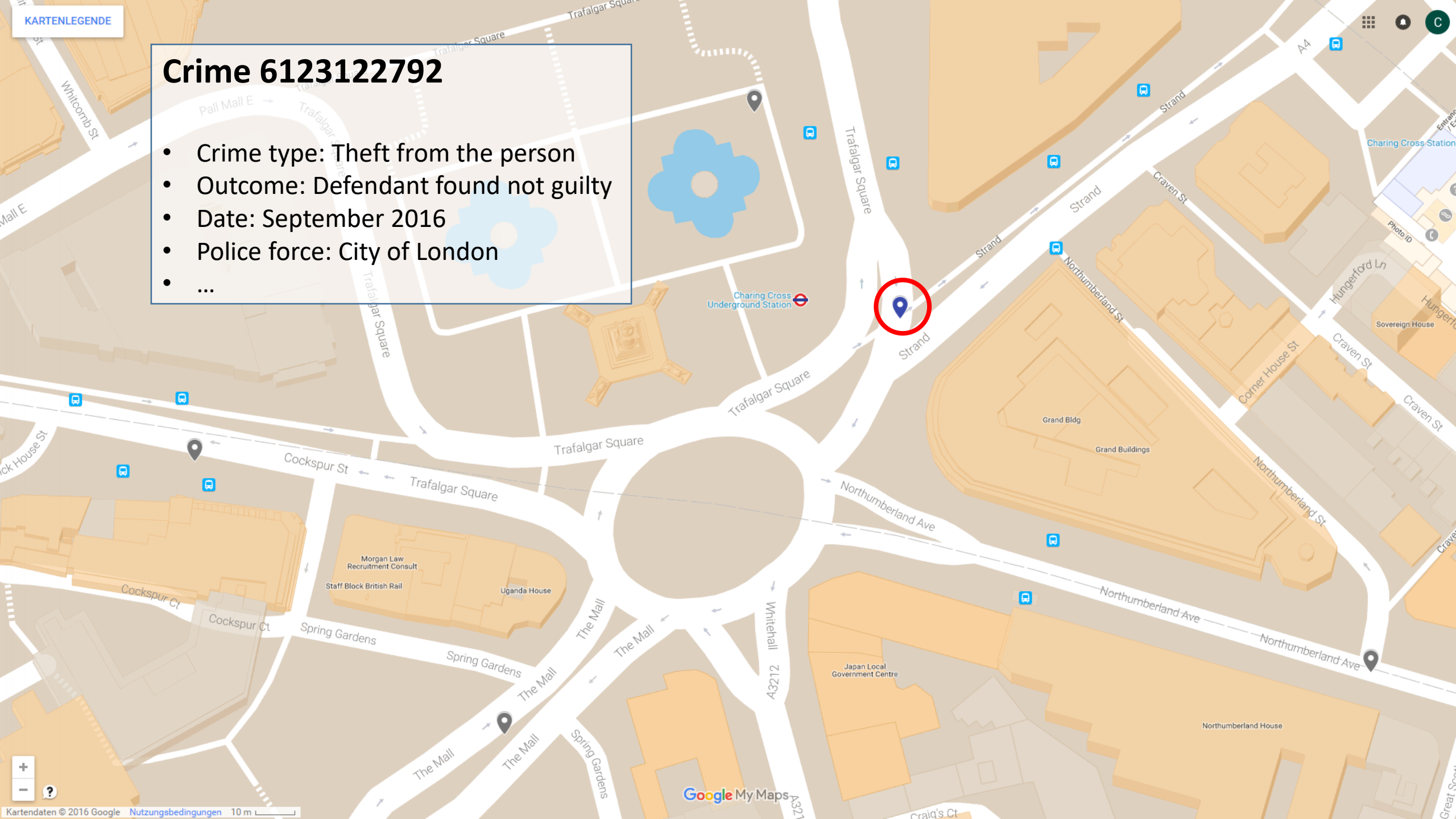
Week 02 – 23.11.2016

Sergiu Soima
Chaoran Chen
Aser Abdelrahman



WHEN MATHNET SHUT DOWN, THE OFFICERS HAD TROUBLE REINTEGRATING INTO THE REGULAR L.A.P.D.


KARTENLEGENDE
Trafalgar Square
Pall Mall E
Whitcomb St
Charing Cross Underground Station
Cockspur St
Cockspur Ct
Spring Gardens
The Mall
Whitehall
A3212
Morgan Law Recruitment Consult
Staff Block British Rail
Uganda House
Japan Local Government Centre
Northumberland Ave
Northumberland House
Strand
Craven St
Northumberland St
Hungerford Ln
Charing Cross Station
Sovereign House
Corner House St
Grand Bldg
Grand Buildings
A4
Google My Maps
Kartendaten © 2016 Google
Nutzungsbedingungen
10 m


KARTENLEGENDE
Crime 6123122792
• Crime type: Theft from the person
• Outcome: Defendant found not guilty
• Date: September 2016
• Police force: City of London
• …
Trafalgar Square
Whitcomb St
Pall Mall E
Charing Cross Underground Station
Strand
Craven St
Northumberland St
Hungerford Ln
Sovereign House
Corner House St
Grand Bldg
Grand Buildings
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Japan Local Government Centre
Northumberland House
Morgan Law Recruitment Consult
Staff Block British Rail
Uganda House
Google My Maps
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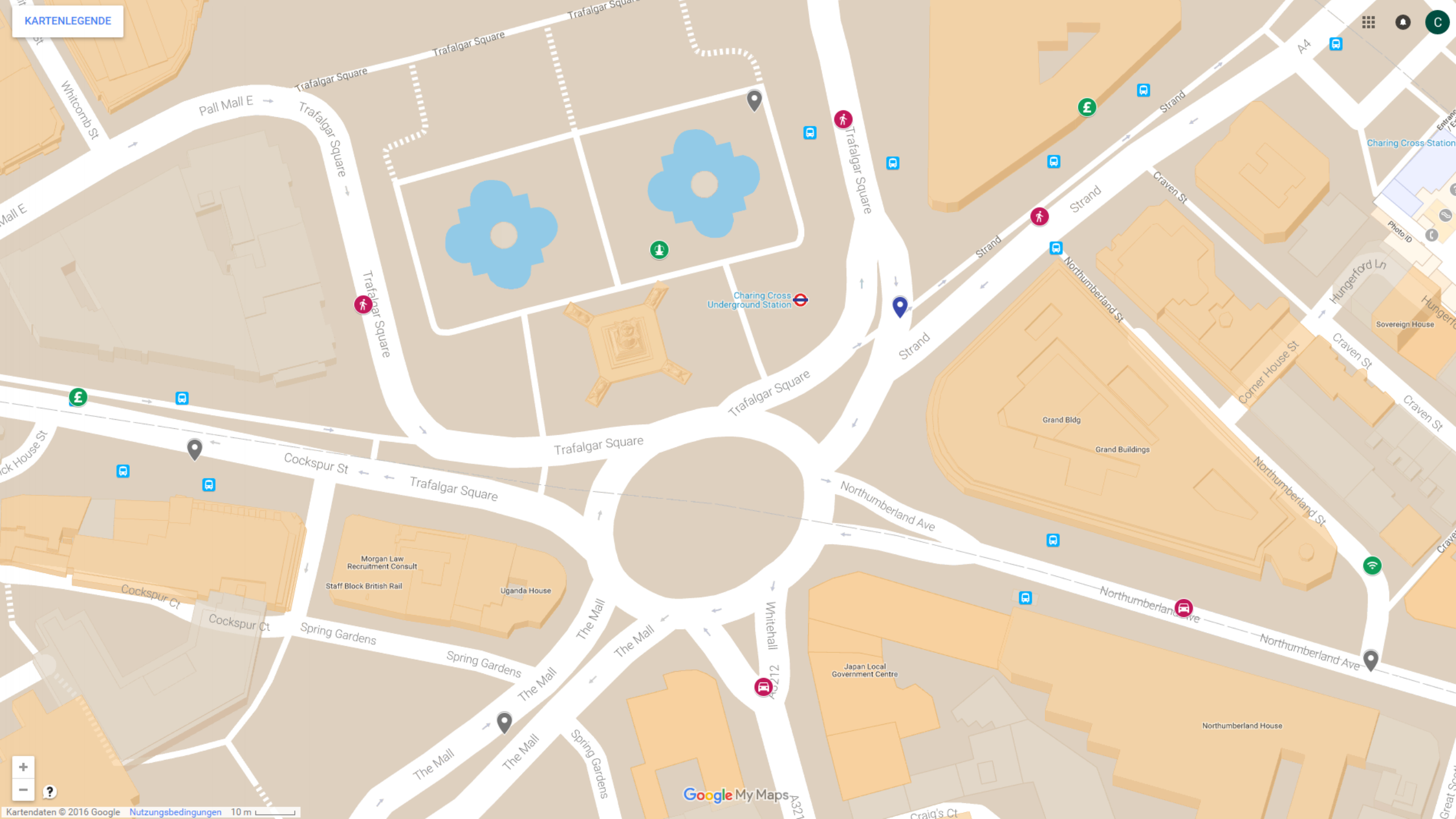
Nutzungsbedingungen
10 m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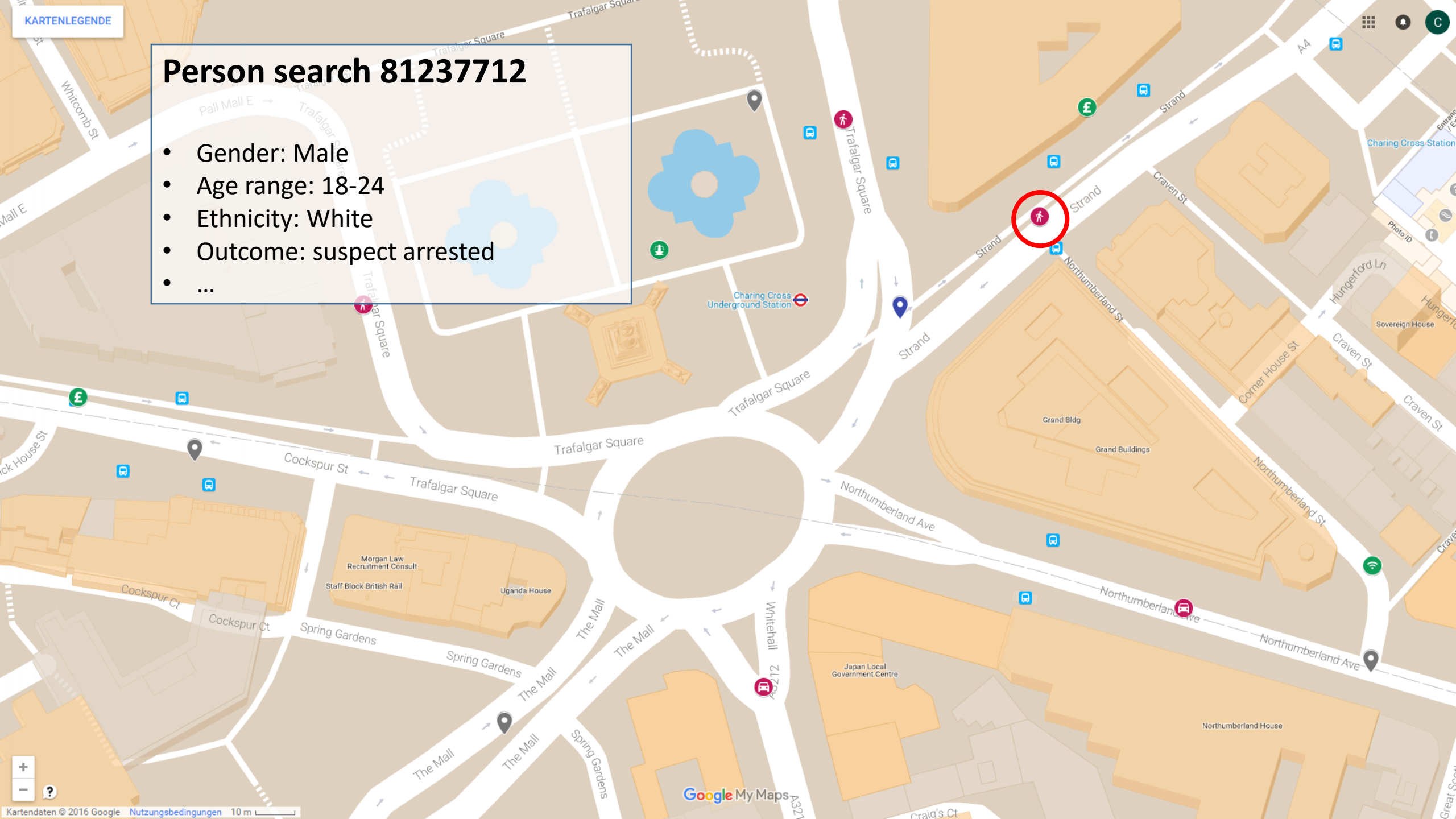
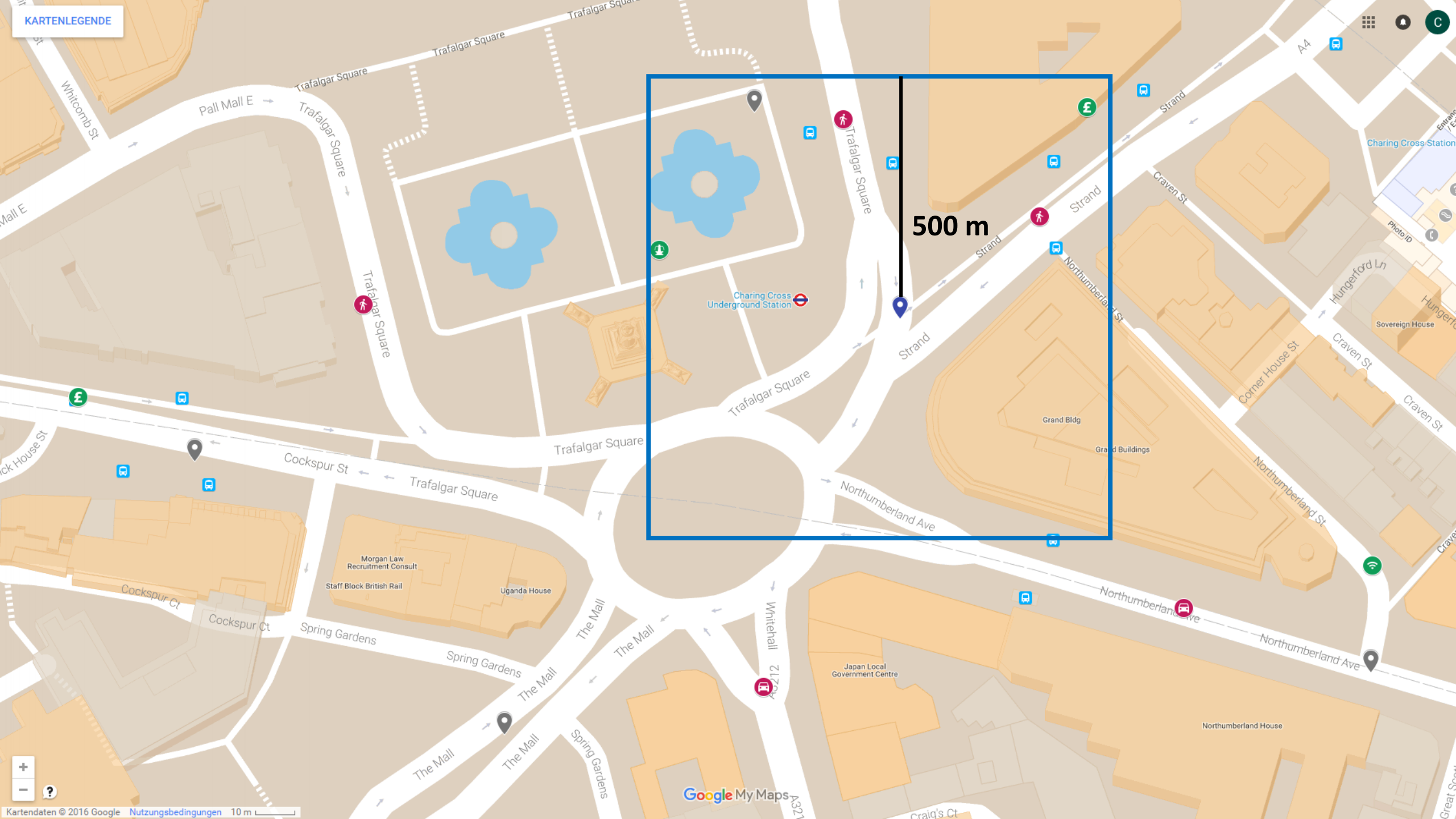
Staff Block British Rail
Uganda House
The Mall
Whitehall
A3212
Northumberland Ave
Japan Local Government Centre
Northumberland House
Charing Cross Station
Photo ID
A4
Google My Maps
Kartendaten © 2016 Google
Nutzungsbedingungen
10 m


KARTENLEGENDE
Person search 81237712
Gender: Male
Age range: 18-24
Ethnicity: White
Outcome: suspect arrested
…
Trafalgar Square
Strand
Charing Cross Underground Station
Charing Cross Station
Cockspur St
Cockspur Ct
Spring Gardens
The Mall
Whitehall
Northumberland Ave
Northumberland St
Craven St
Hungerford Ln
Corner House St
Grand Bldg
Grand Buildings
Sovereign House
Morgan Law Recruitment Consult
Staff Block British Rail
Uganda House
Japan Local Government Centre
Northumberland House
Google My Maps
Kartendaten © 2016 Google
Nutzungsbedingungen
10 m

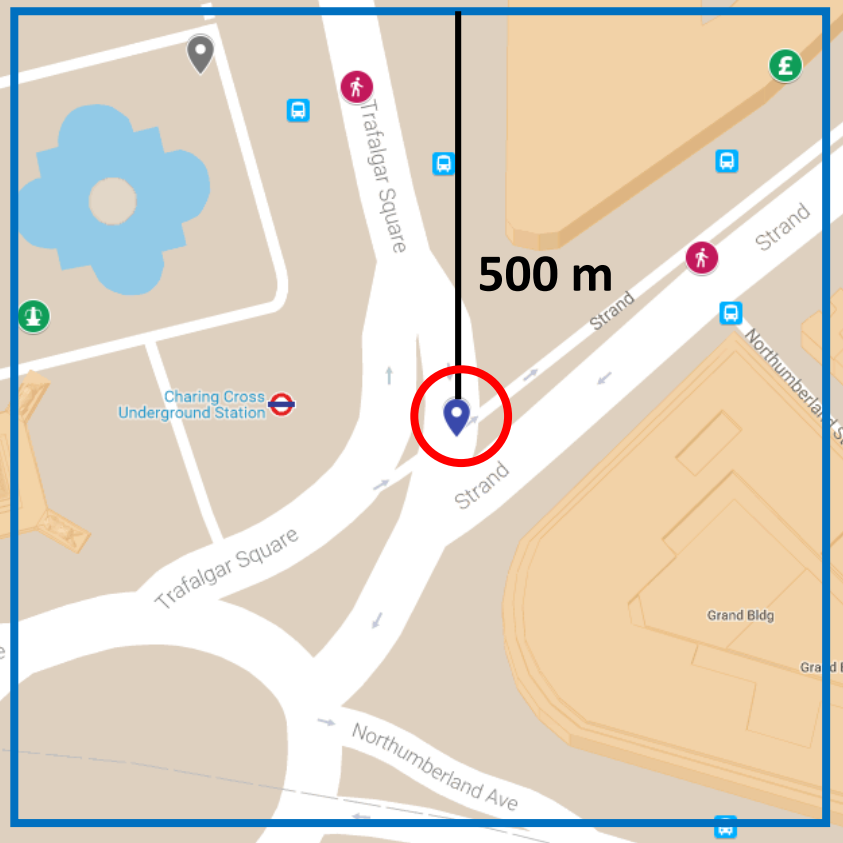

KARTENLEGENDE
500 m
Trafalgar Square
Pall Mall E
Whitcomb St
Charing Cross Underground Station
Strand
Northumberland Ave
Cockspur St
Cockspur Ct
Spring Gardens
The Mall
Whitehall
A3212
Morgan Law Recruitment Consult
Staff Block British Rail
Uganda House
Japan Local Government Centre
Grand Bldg
Grand Buildings
Northumberland House
Charing Cross Station
Craven St
Hungerford Ln
Sovereign House
Corner House St
Google My Maps
Kartendaten © 2016 Google
Nutzungsbedingungen
10 m

KARTENLEGENDE

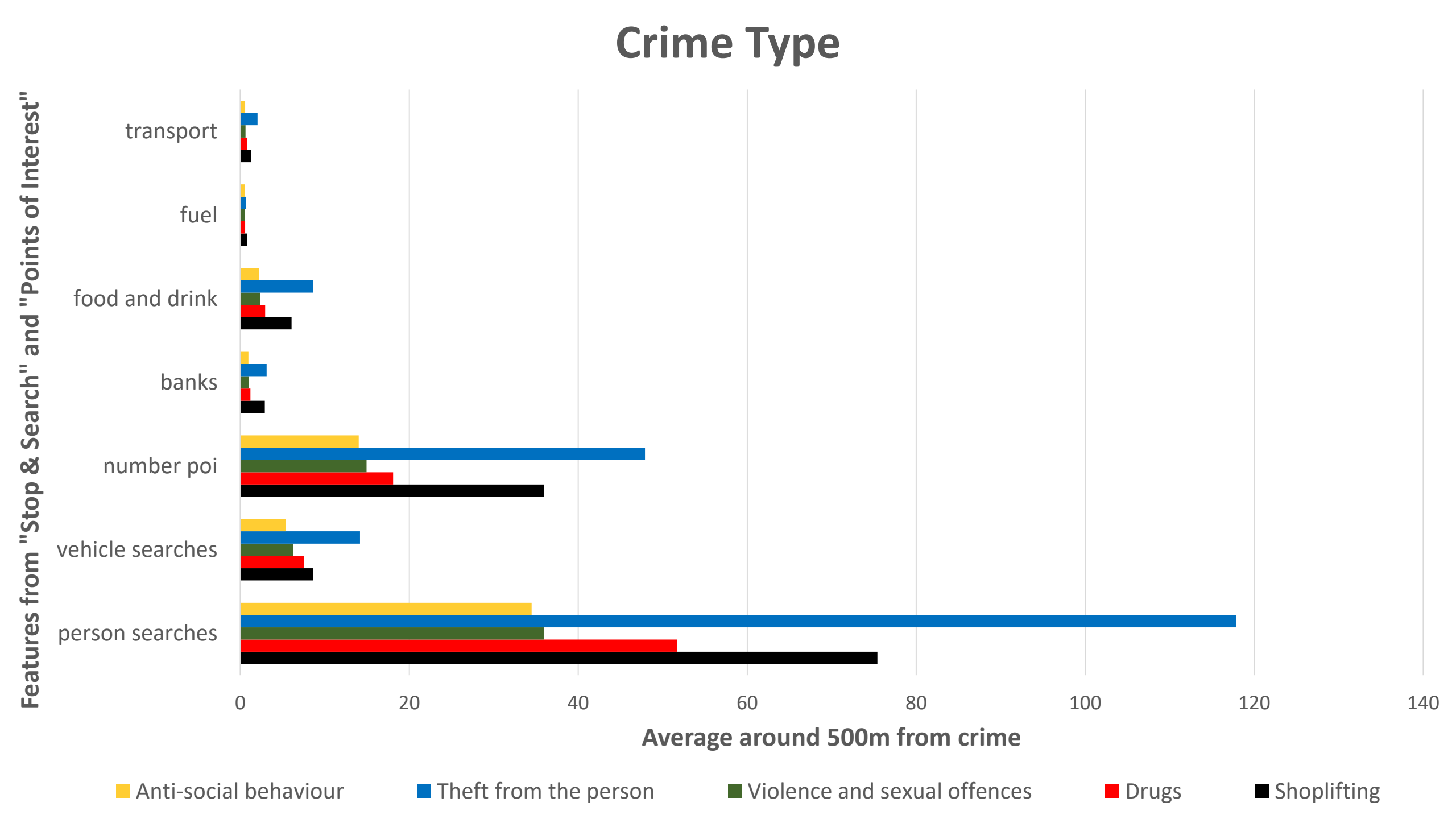
Crime 6123122792

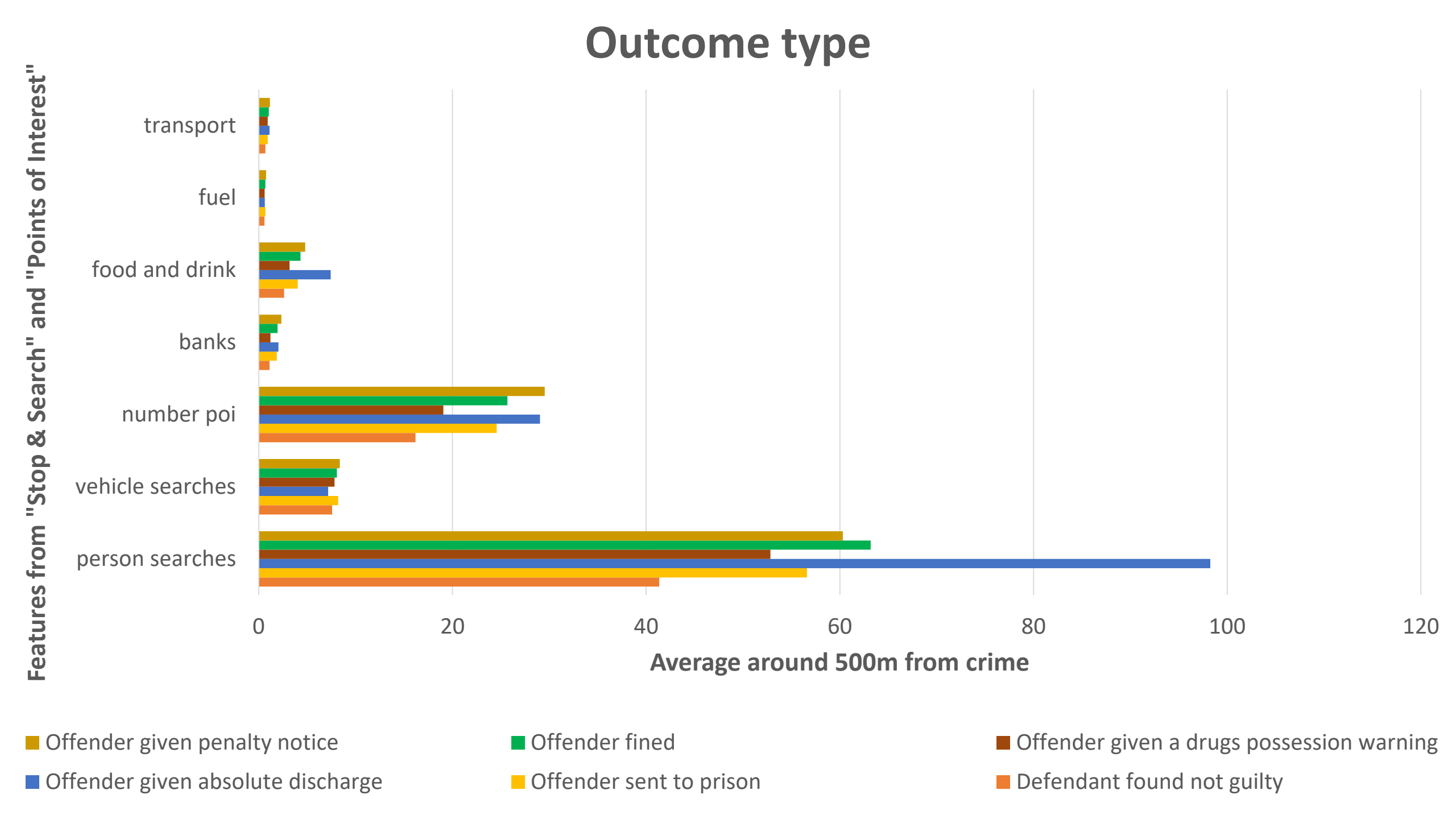
- Crime type: Theft from the person
- Outcome: Defendant found not guilty
- Date: September 2016
- Police force: City of London
- …

- Number person searches: 2
- Number vehicle searches: 0
- Number fountains: 1
- Number banks 1
- Number Wi-Fi hotspots: 0



Google My Maps
Kartendaten © 2016 Google Nutzungsbedingungen 10 m


Crime Type
Features from "Stop & Search" and "Points of Interest"
transport
fuel
food and drink
banks
number poi
vehicle searches
person searches
0
20
40
60
80
100
120
140
Average around 500m from crime
Anti-social behaviour
Theft from the person
Violence and sexual offences
Drugs
Shoplifting


Outcome type
Features from "Stop & Search" and "Points of Interest"
transport
fuel
food and drink
banks
number poi
vehicle searches
person searches
0
20
40
60
80
100
120
Average around 500m from crime
Offender given penalty notice
Offender fined
Offender given a drugs possession warning
Offender given absolute discharge
Offender sent to prison
Defendant found not guilty

Work log:

- Overruled Neighborhood Statistics
- Use of Points-of-Interest
- Computing Number of Stop-and-Searches and Points-of-Interest surrounding Crimes
- Visualization with Mapbox

Future plans:

- Gather more information about the accuracy of the data in cooperation with the UK police
- Cluster counties into regions to conduct region specific statistics
- Data cleaning and preparation
- Implement an informative visualization approach