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CRIME IN LOS ANGELES



Crime Data from 2020 to Present

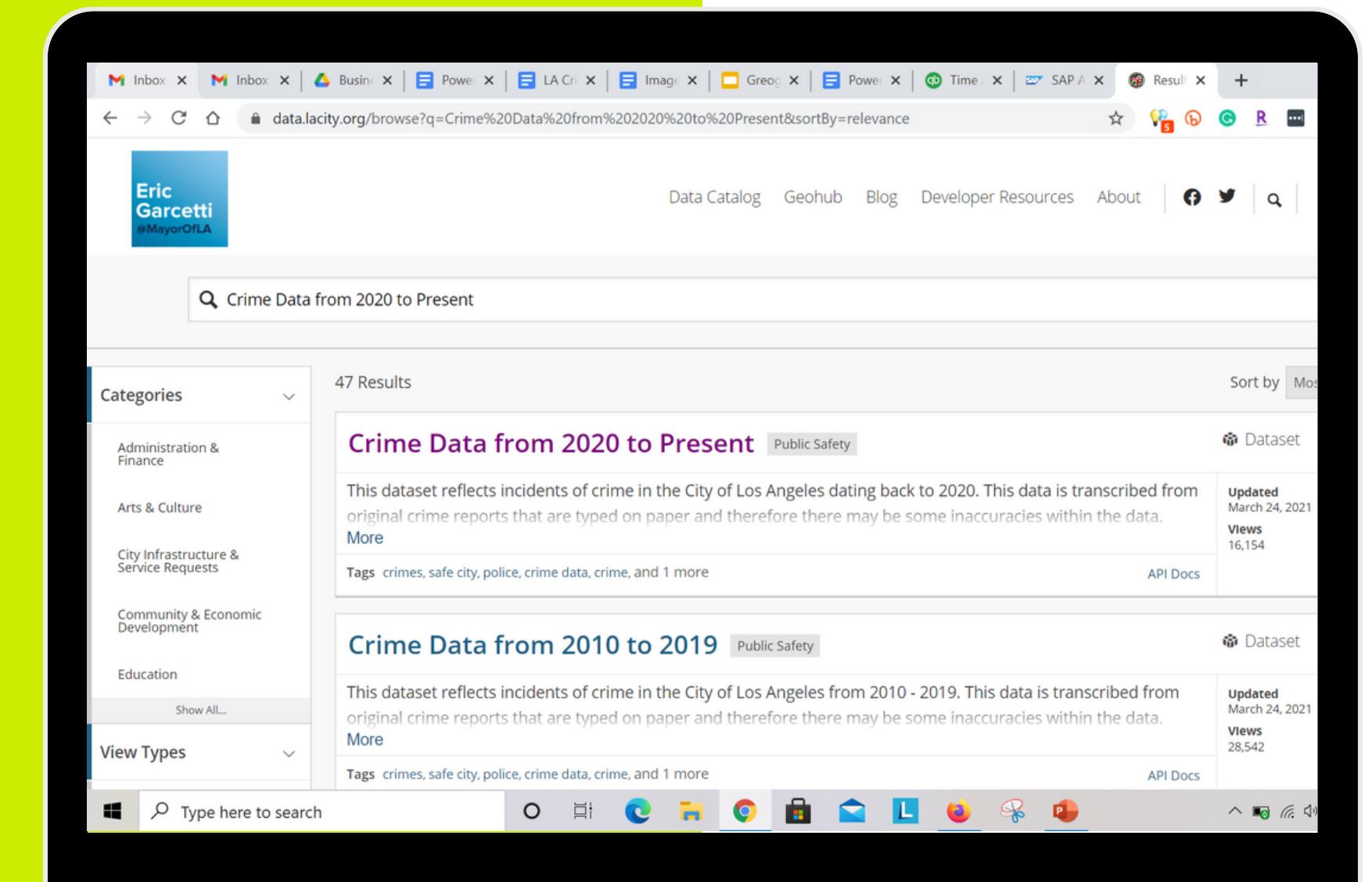
Source: Data.LACity.org

Github link: <http://bit.ly/SAPGroup5>

File size: 51.4 MB

Data was from:

January 1st 2020 to March 1st 2021

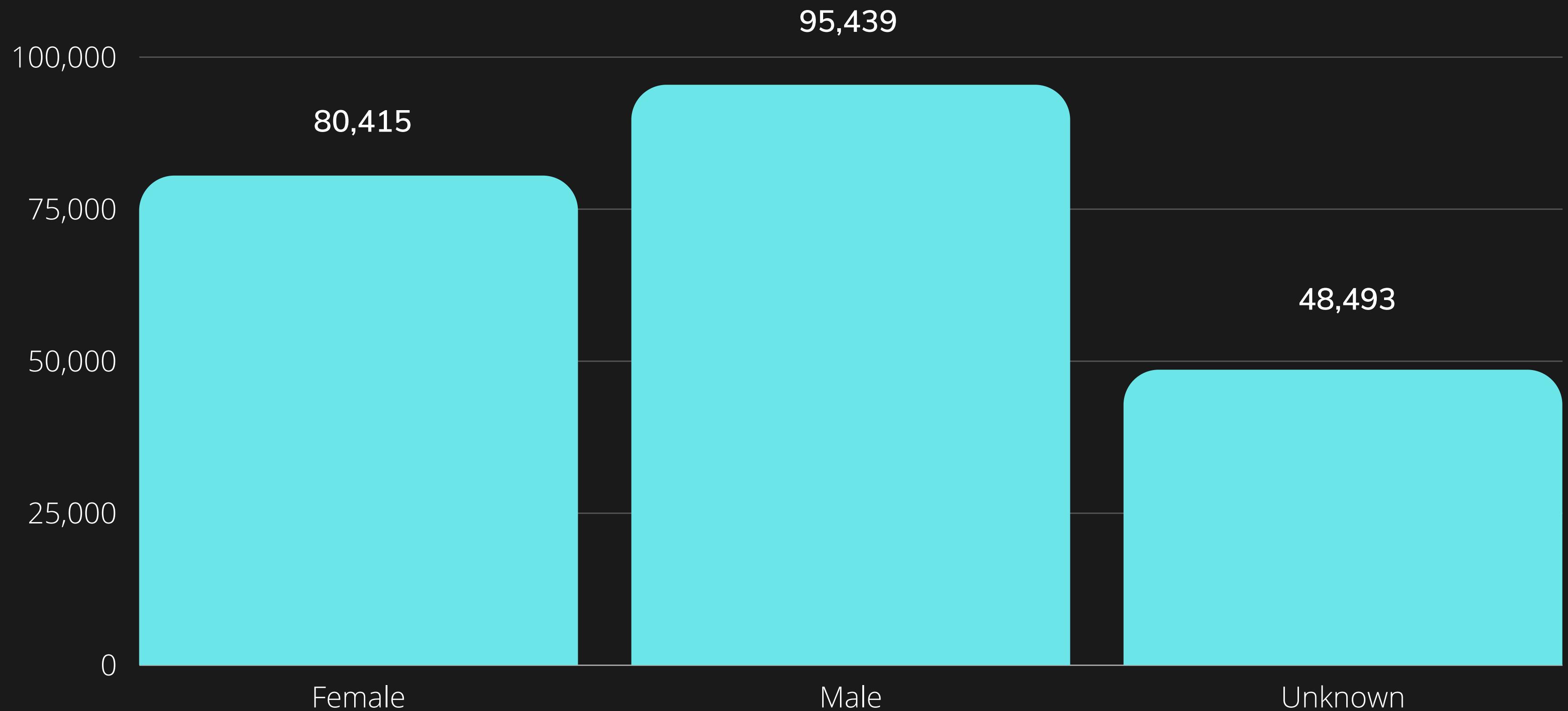




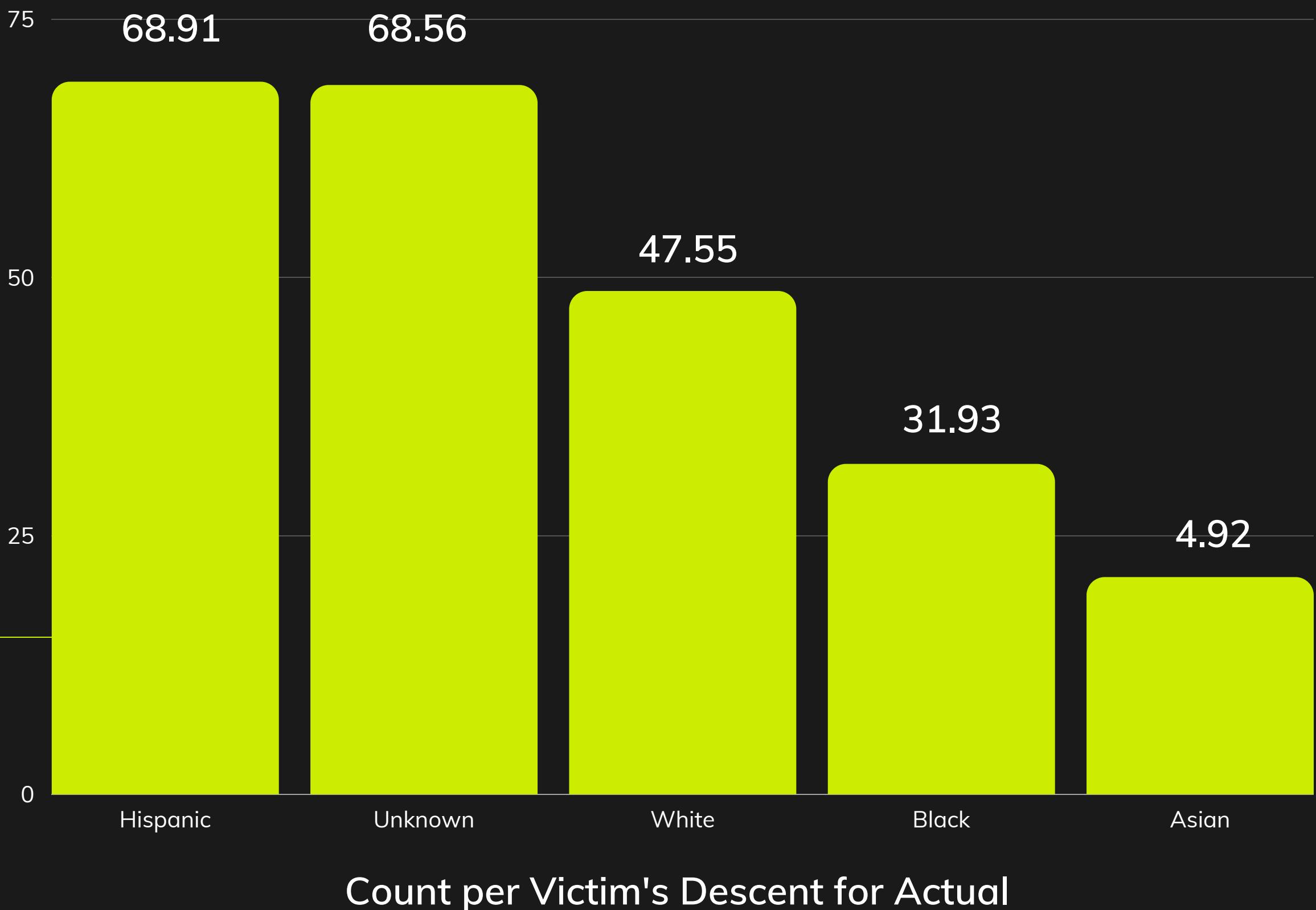
**1.969 million males in
Los Angeles for 2019**

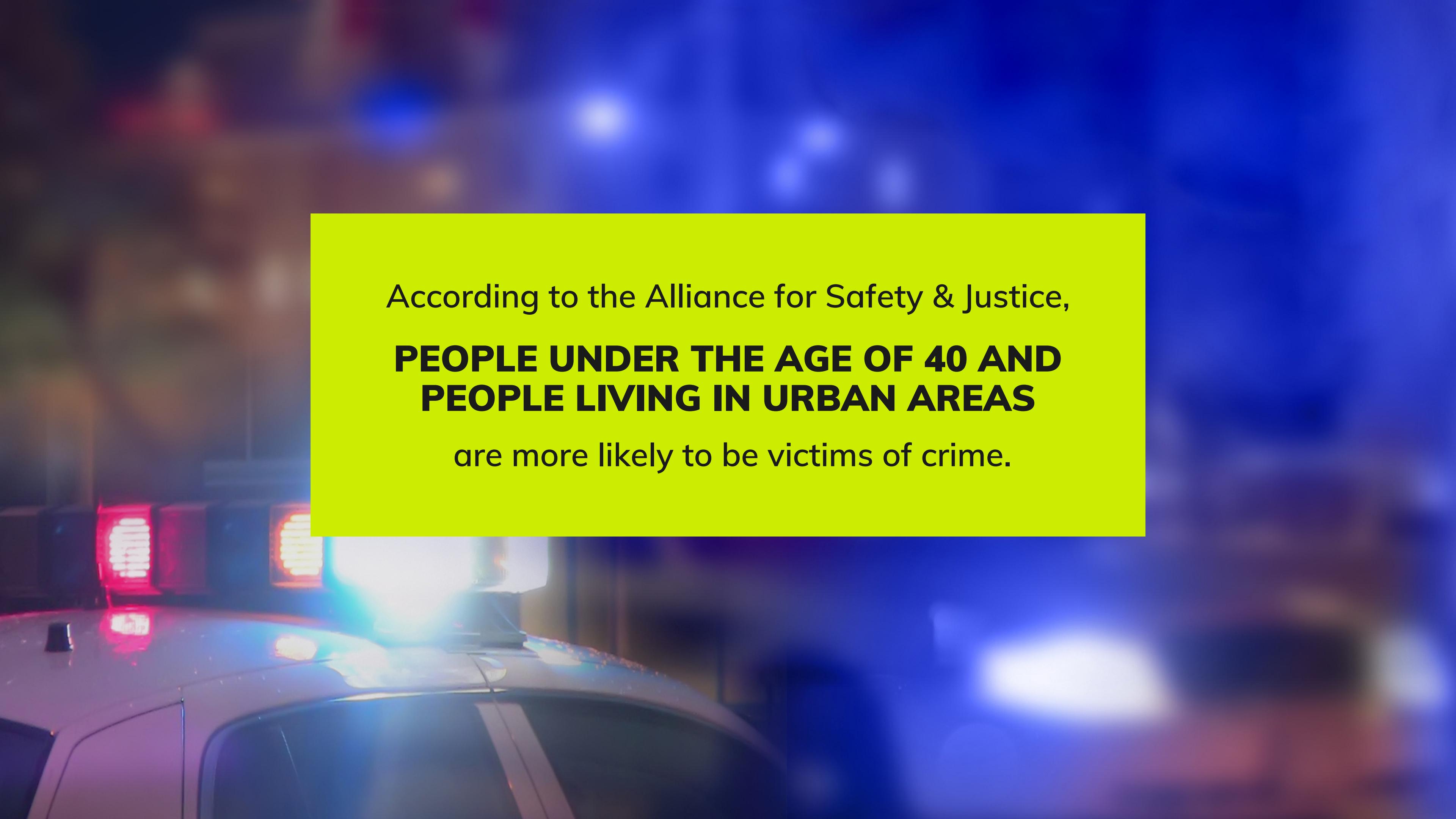
**2.011 million females in
Los Angeles for 2019**

Crime Victim's Sex



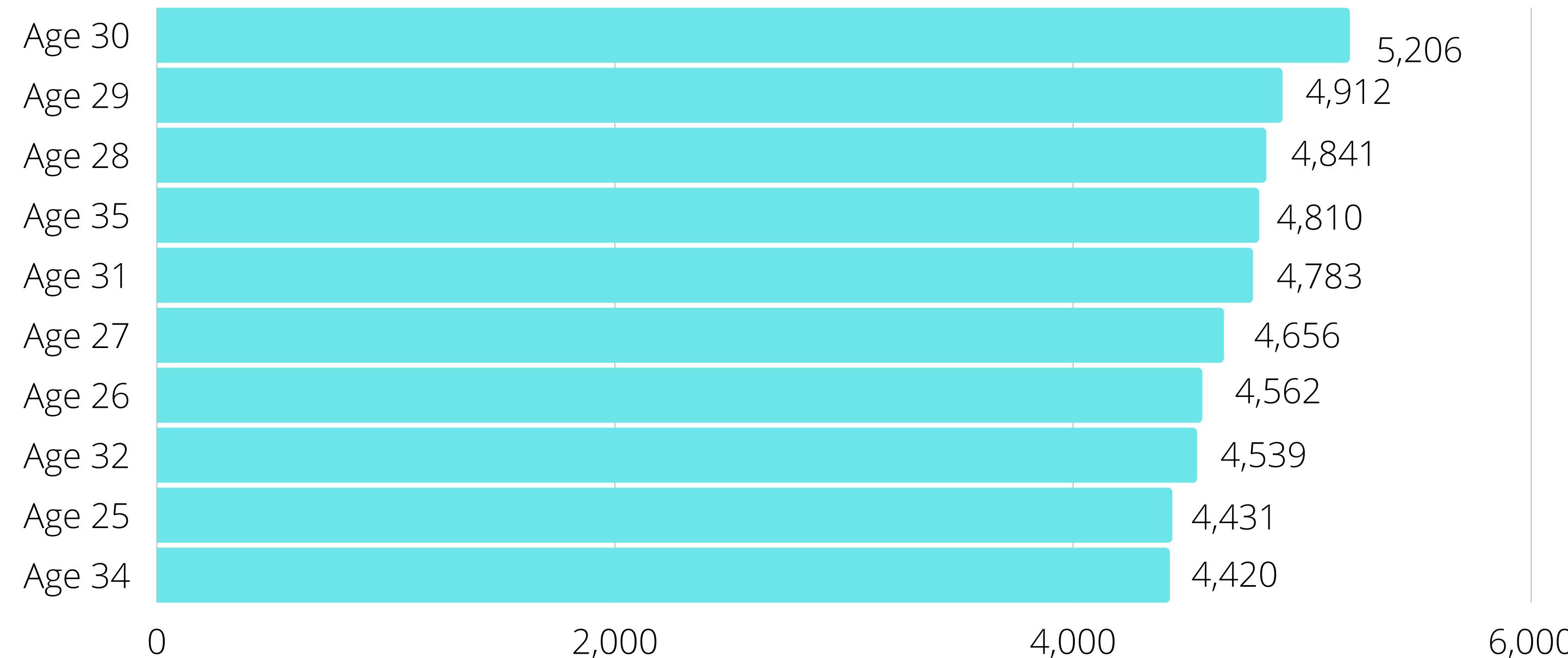
Top 5: Victim's Descent





According to the Alliance for Safety & Justice,
**PEOPLE UNDER THE AGE OF 40 AND
PEOPLE LIVING IN URBAN AREAS**
are more likely to be victims of crime.

Victim's Age - Top 10:



Amount of Crime Committed on Victim's for Year 2020 - Present

Top Five Crimes in LA City

- 128 different types of crimes
- Top crime = Stolen vehicle
- Top 5 crimes = 40% of all crimes
- 5% of population are victim

Stolen vehicles

Battery

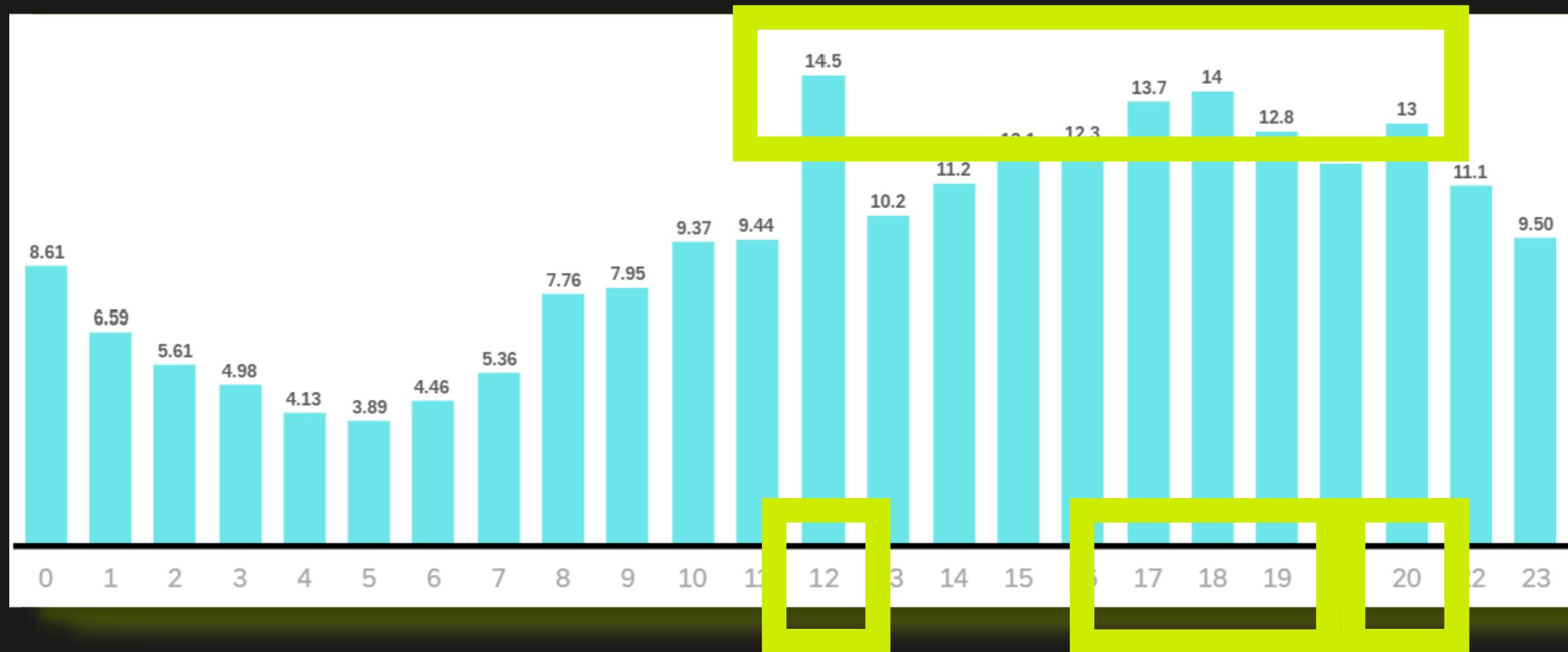
Vandalism

Burglary

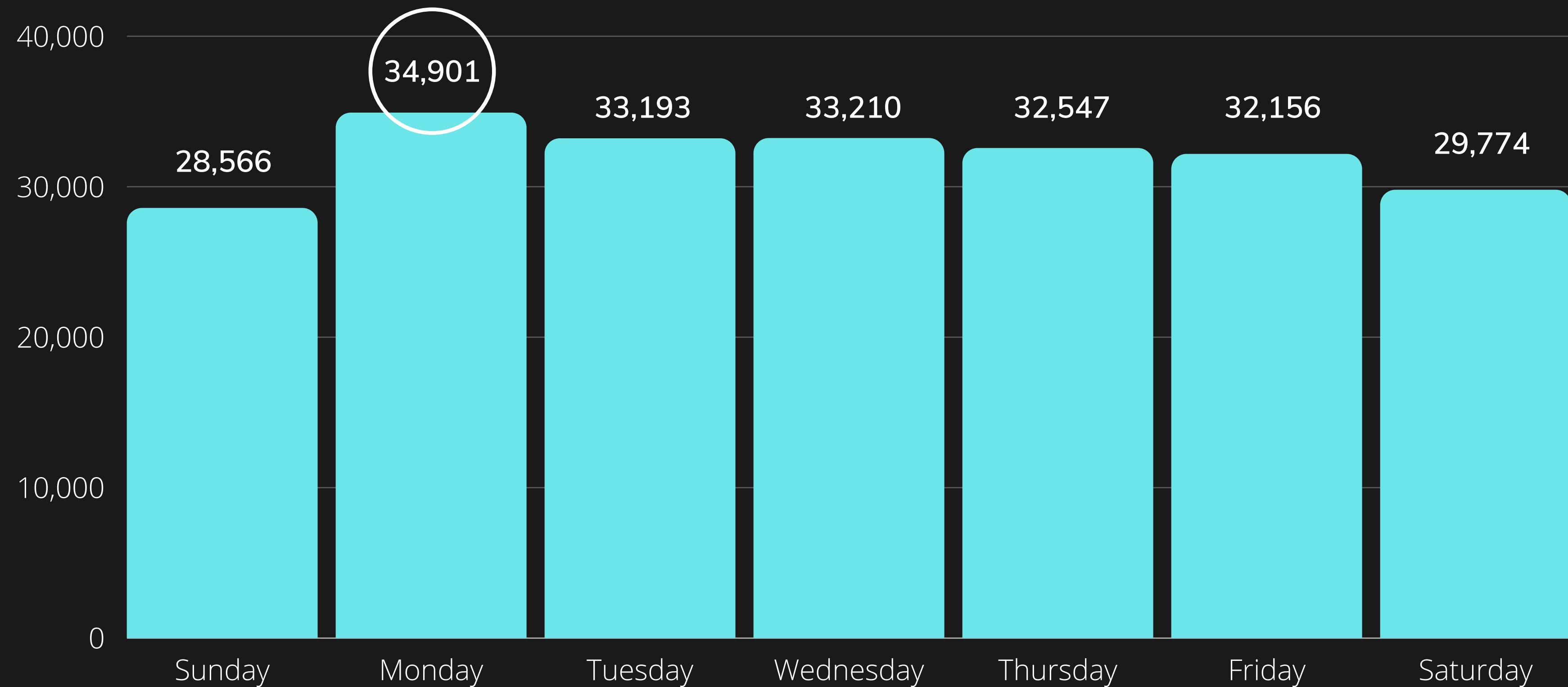
Assault with
deadly weapons

Crimes Hour Per Day

In Thousand

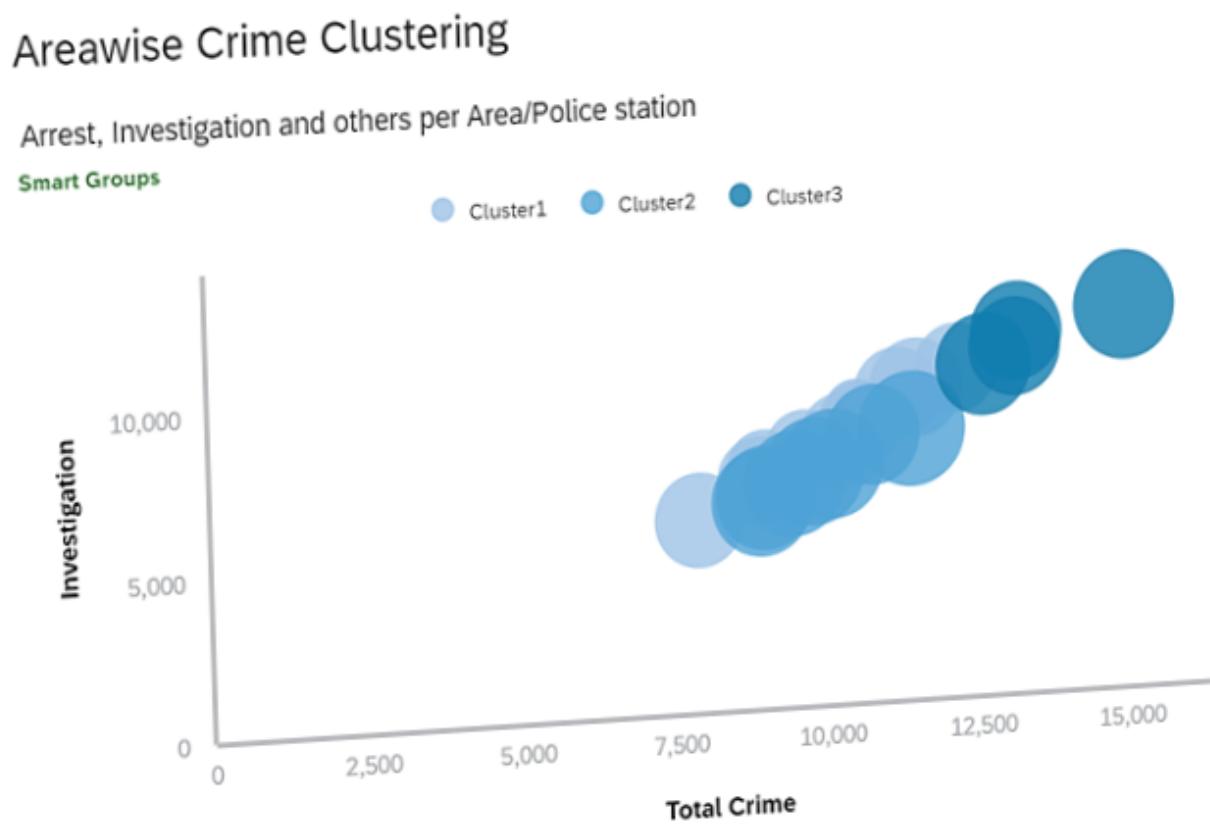


Crimes/Day of Week



Areawise Crime Clustering

Arrest, Investigation and others per Area/Police Station



- Cluster1 has 10 police stations with least number of arrests.
- Cluster2 has 7 police stations with maximum arrests
- Cluster3 has 4 police stations with top total reported crimes.

Total crimes, Arrests, Investigation by Area

Cluster 1

Measures Area	Total Crime	Arrest	Investigation
Devonshire	8860	768	7102
Foothill	7870	879	5993
Hollenbeck	8942	632	7475
Hollywood	11465	970	9753
Newton	11145	790	9613
Northeast	9602	681	7938
Rampart	10251	925	8209
Southeast	12135	779	10297
West LA	10471	595	9034
Wilshire	10514	733	8667

Police stations with least arrests

Cluster 2

Measures Area	Total Crime	Arrest	Investigation
Harbor	10071	1311	7509
Mission	9439	1185	6980
N Hollywood	11388	1483	8475
Olympic	10743	1004	8351
Topanga	8959	1123	6576
Van Nuys	9760	1244	7307
West Valley	8905	1234	6440

Police stations making more arrests

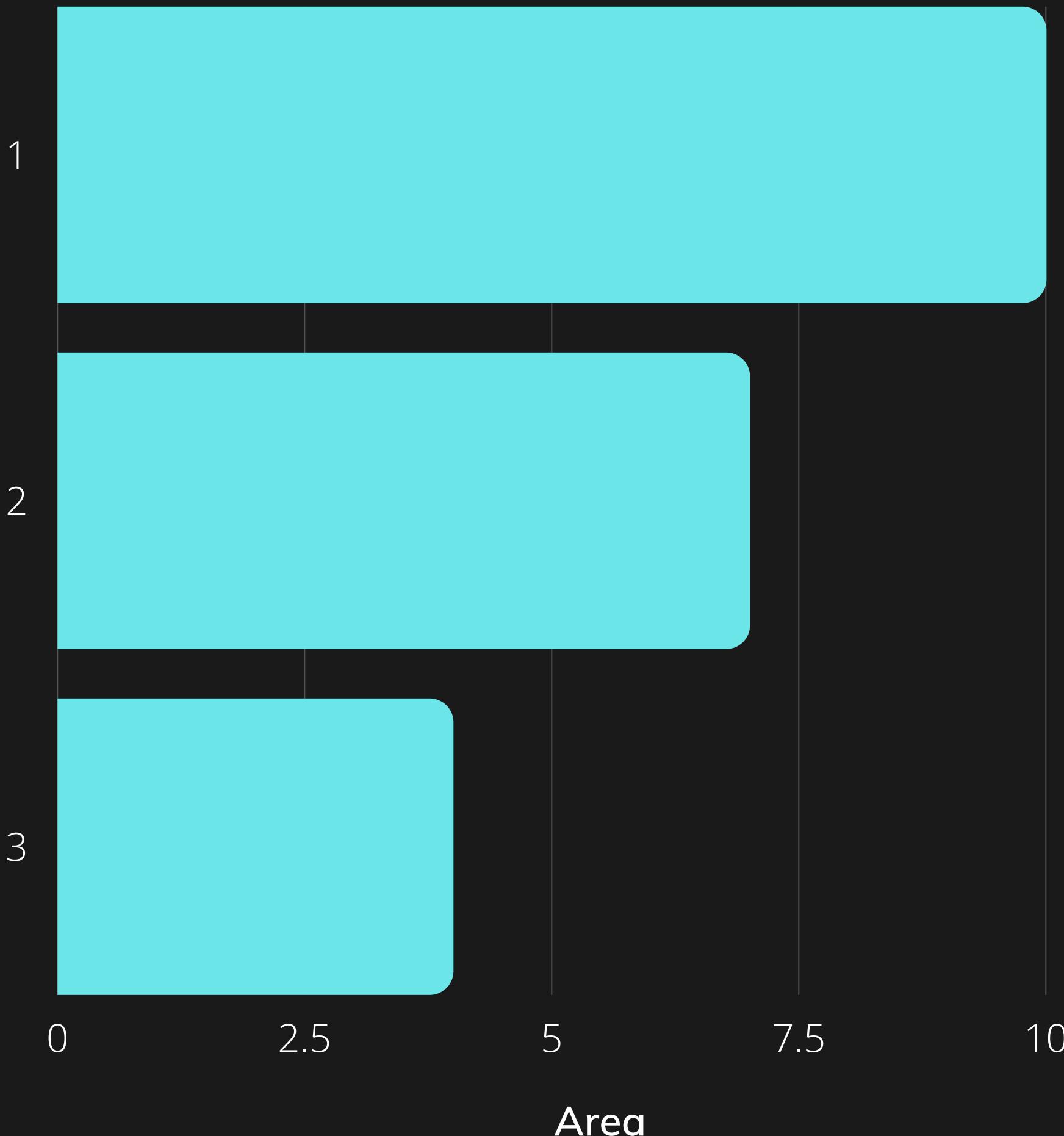
Cluster 3

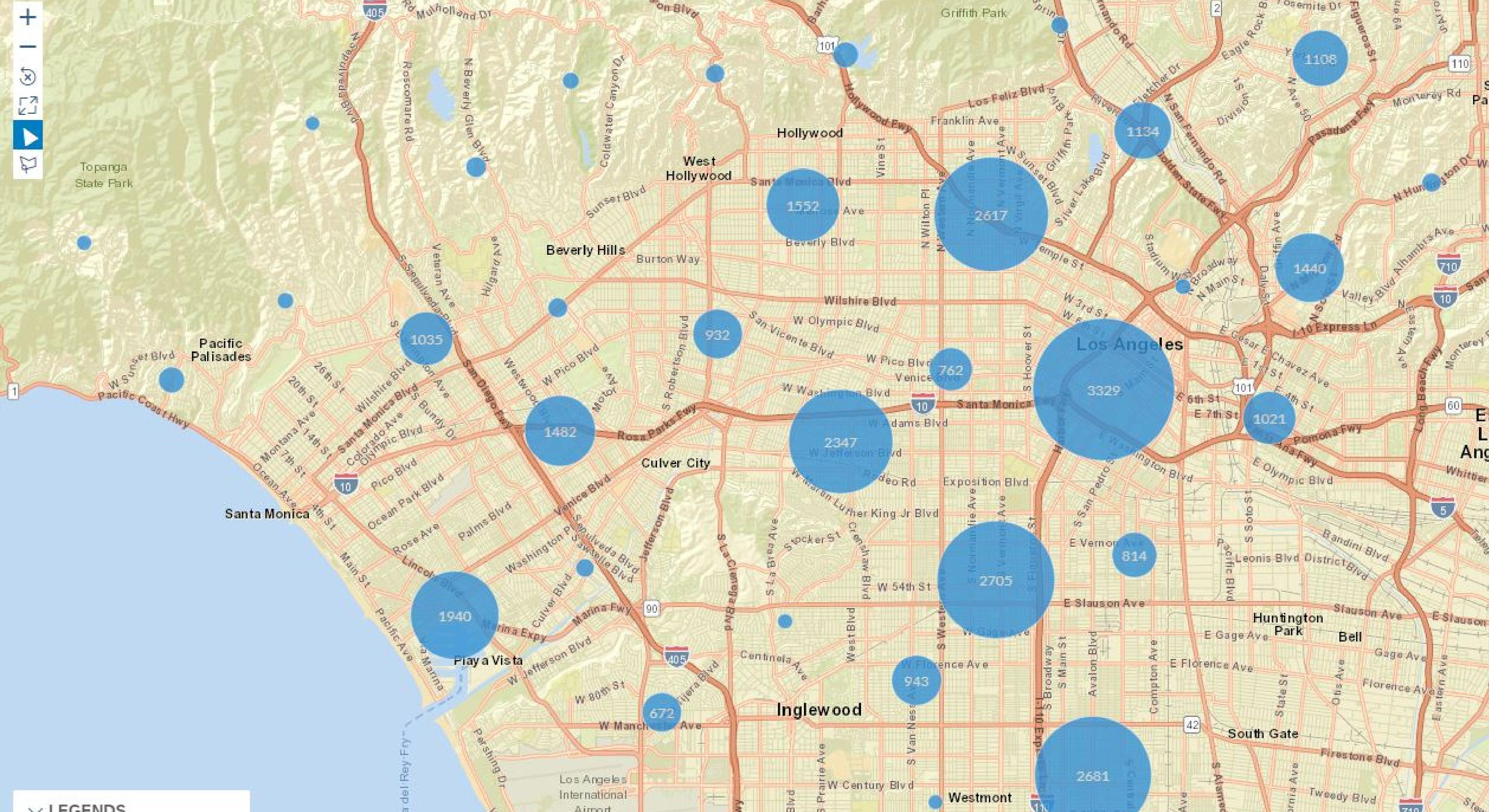
Measures Area	Total Crime	Arrest	Investigation
77th Street	14961	1261	11993
Central	13117	967	10869
Pacific	13151	970	11356
Southwest	12598	1032	10358

Police stations recording most Crimes

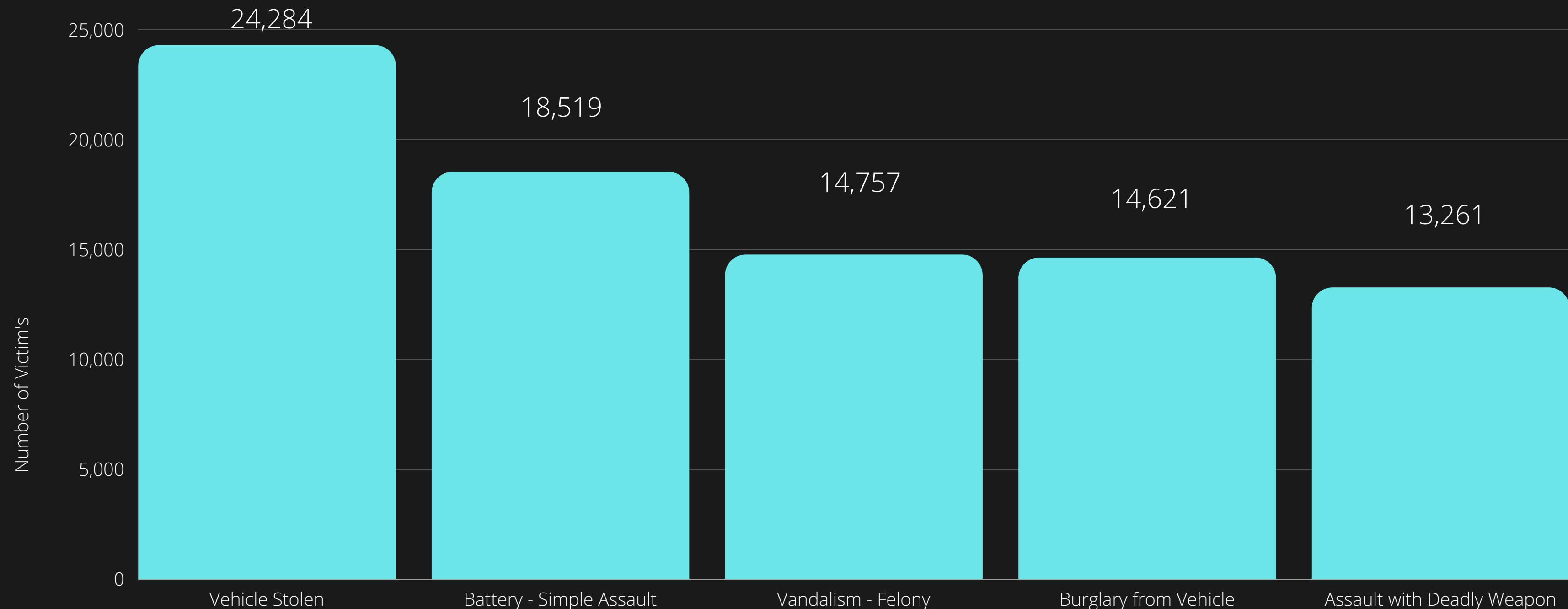
Total crimes, Arrests,
Investigation by Area

Account Area Per Cluster by Actual





Top Crimes: Statistics

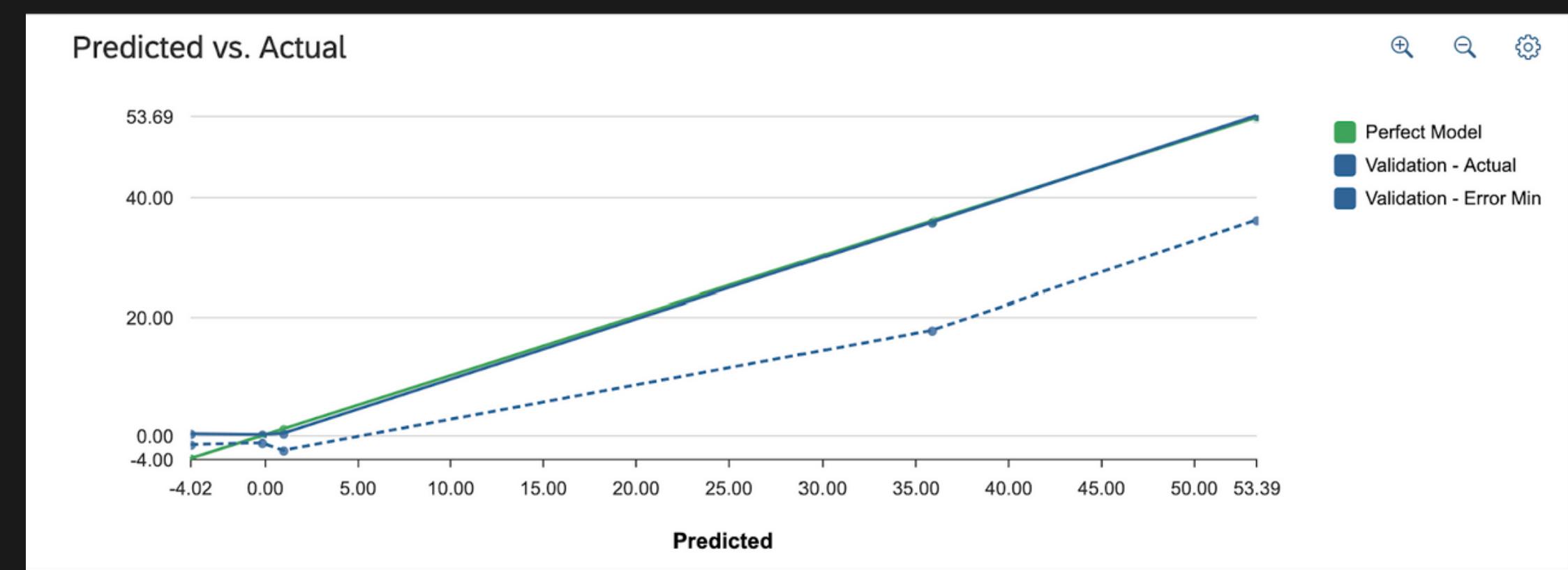


Police Division with Most Reported Crimes



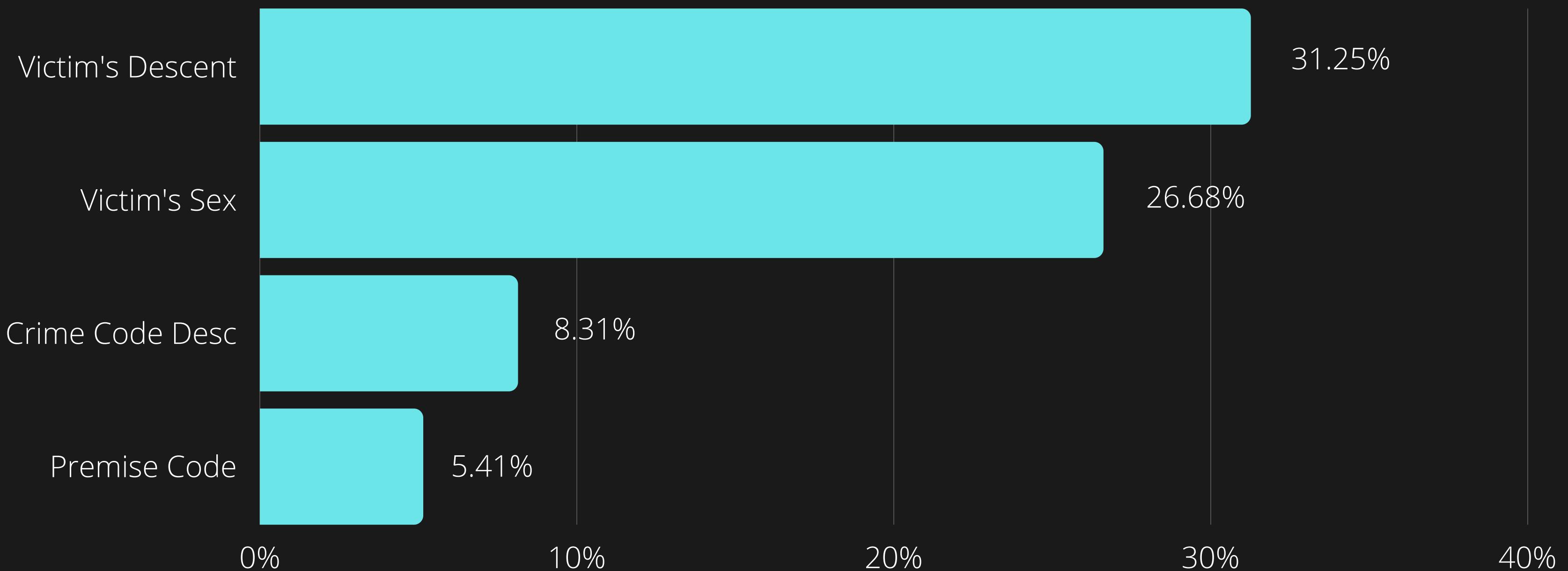
Regression Model to Calculate Victim's Age

99%
confidence

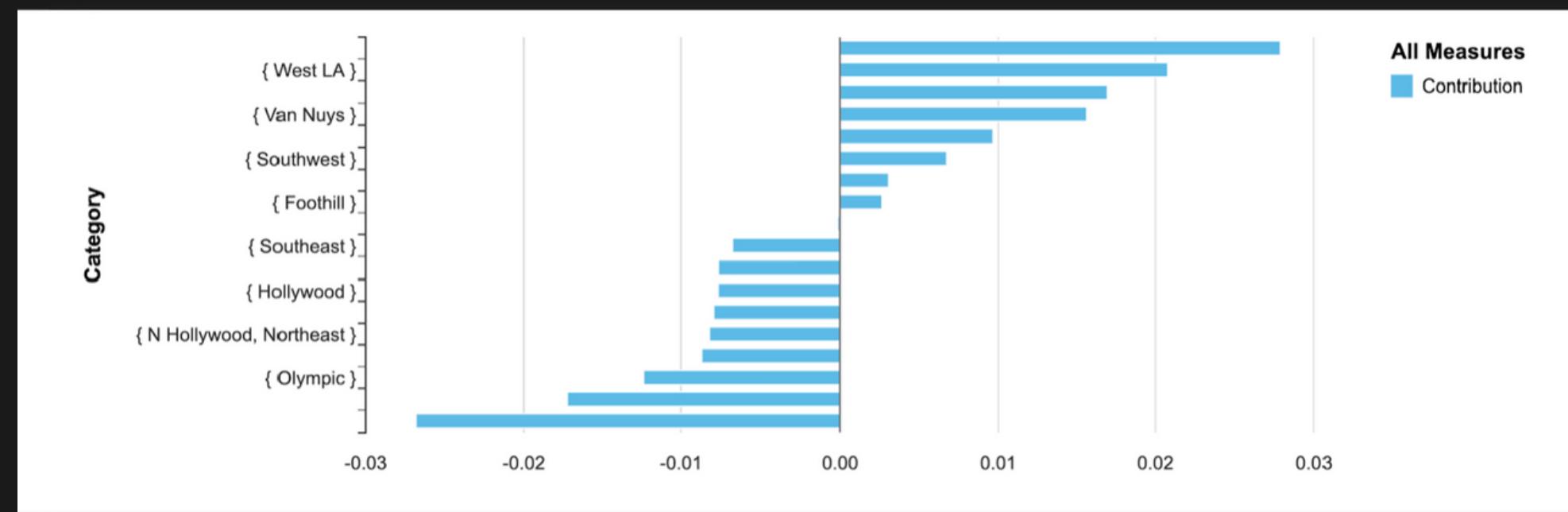


RMSE = 13.65

Influencer Contributions



Grouped Category Influence





Thank you