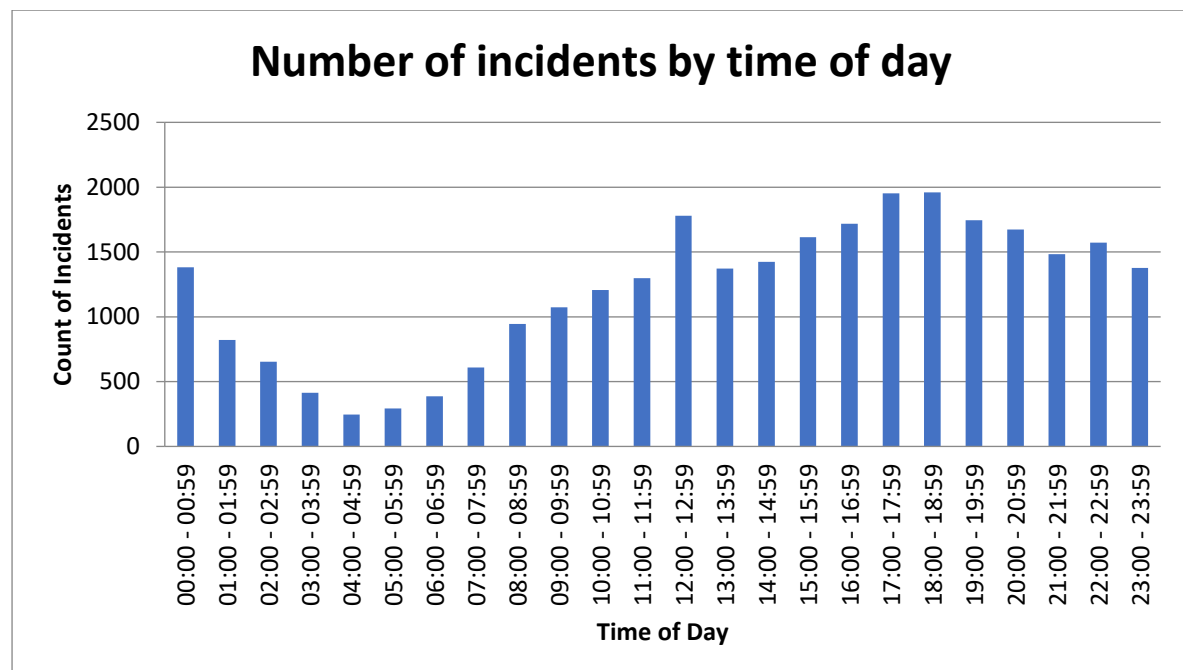


High level of Larceny/Theft incidents in the evening at the Southern district of San Francisco

When do most number of incidents occur?

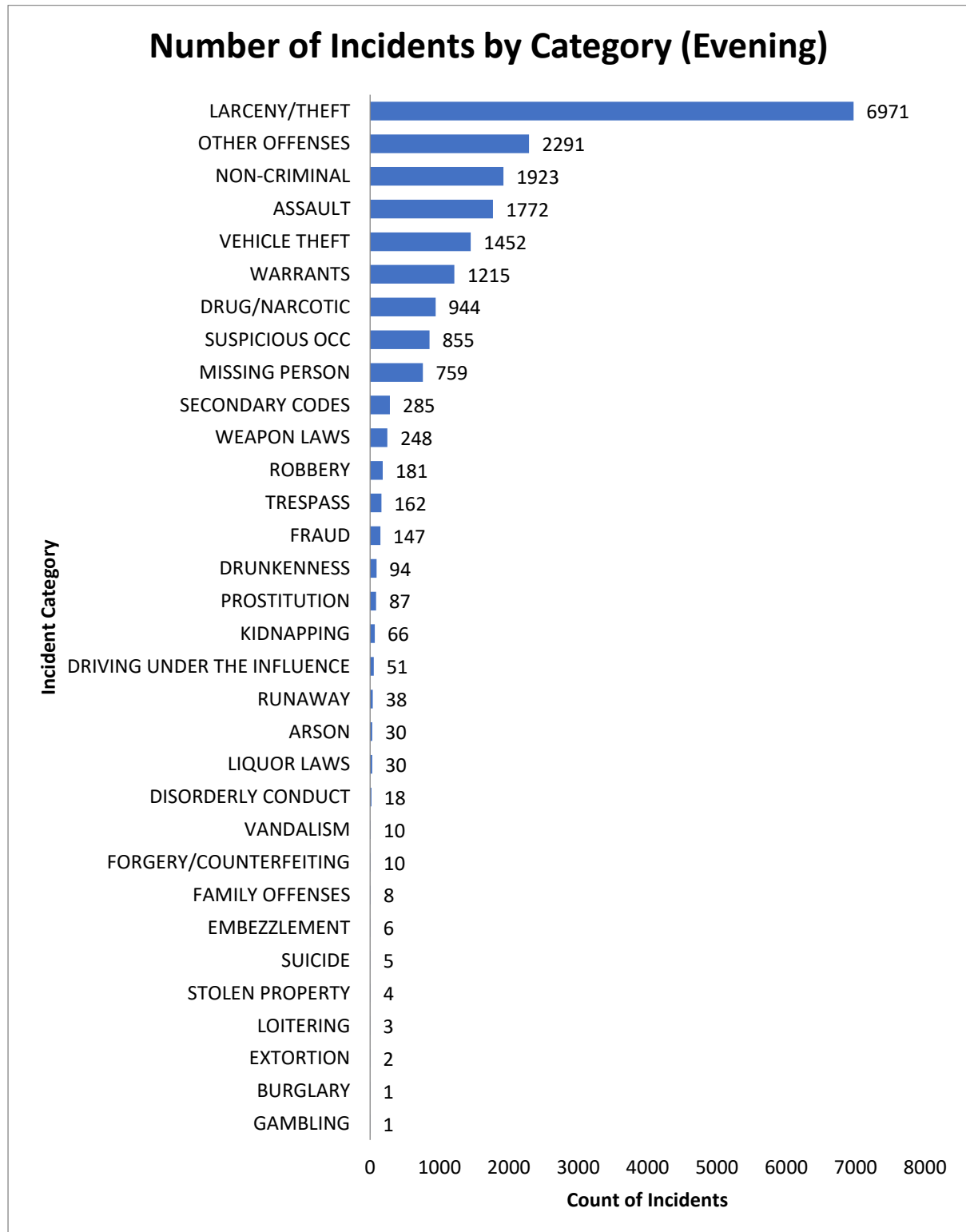
To identify the time period when the most number of incidents occur, a horizontal bar chart showing the count of incidents during different hours of the day is used. Note that the number of incidents are aggregated at an hourly basis.



Conclusion: It is clearly seen that the number of incidents increase during evening time and peaks at around the 18:00 – 19:59 period after which the number of incidents starts reducing. We can conclude that the time from 12:00 to 23:59 requires our attention the most.

Which incidents occur the most in the evening (12:00 to 23:59)?

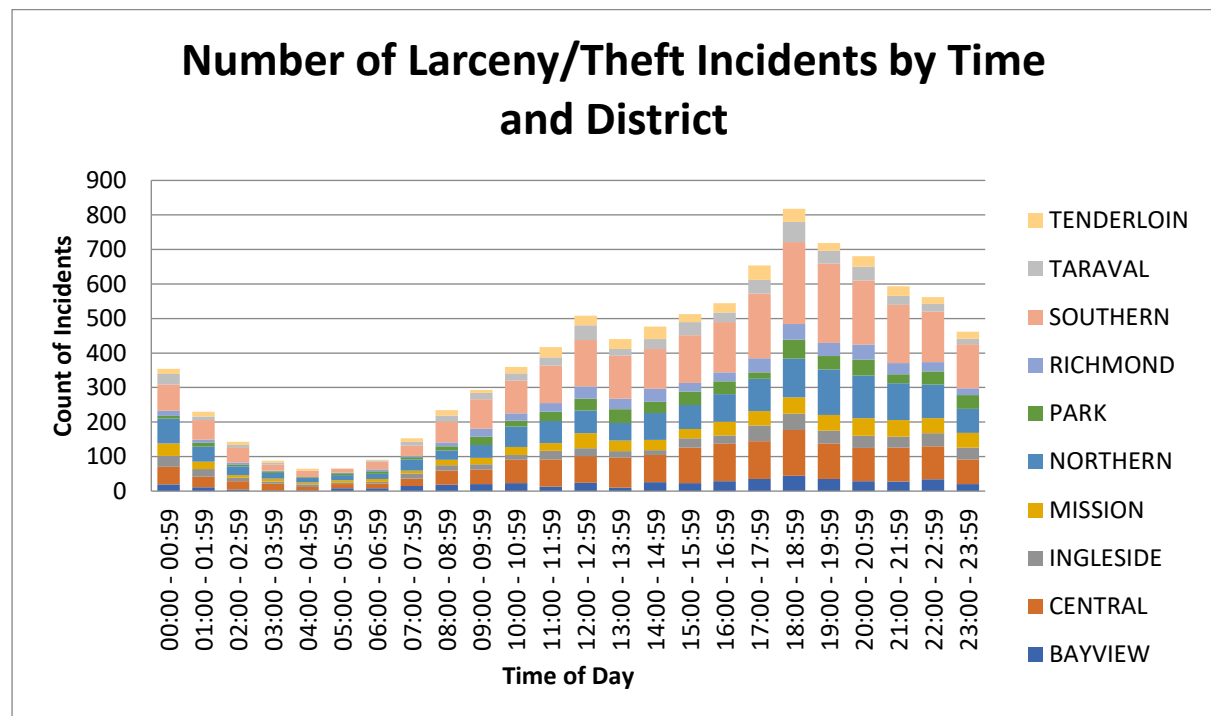
The different types of incidents that can occur are many in number, so a vertical bar chart is used to show all of them. The data is first subset to include only the incidents that occur from 12:00 to 23:59. Then, the bar chart of number of incidents by incident category is shown.



Conclusion: We see that the incident occurring the most in the evening is Larceny/Theft. The occurrence of larceny/theft incidents leads the other incidents by a large number and therefore, it should be our next area of analysis.

Where and When do the most number of Larceny/Theft cases occur?

A stacked bar chart can be used to show the number of larceny/theft incidents across the different hours of the day and split across every district. The district names and corresponding colours are shown in the legend.



Conclusion: It is seen that the most number of larceny/theft cases occur from 18:00 – 19:59 and districts where it occurs the most are the Southern district, Northern district and Central district.

Overall Conclusion

High level of Larceny/Theft incidents occur in the evening, especially from 18:00 – 19:59, at the Southern district of San Francisco