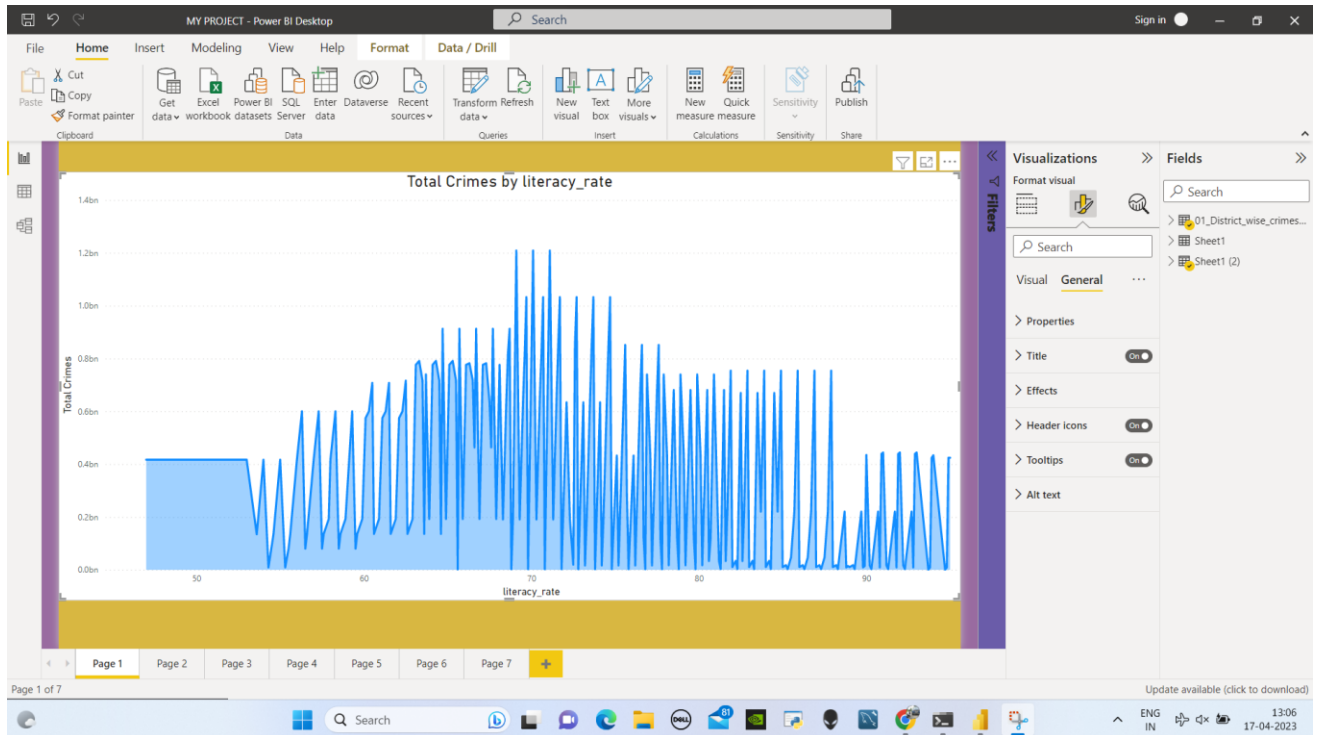


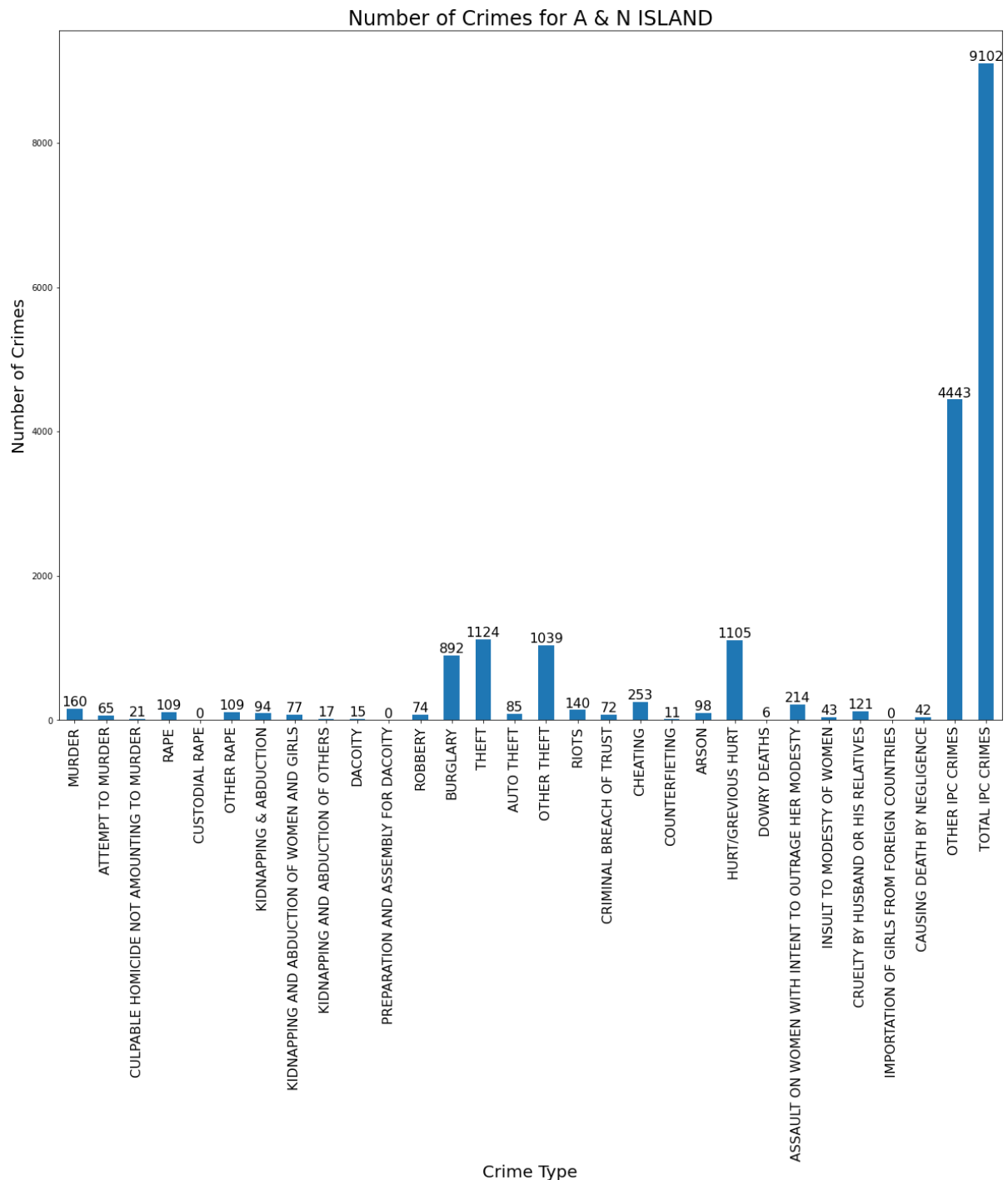
ANALYSIS OF PHASE 2

2.1 Analysis of Literacy rate vs Total crimes.

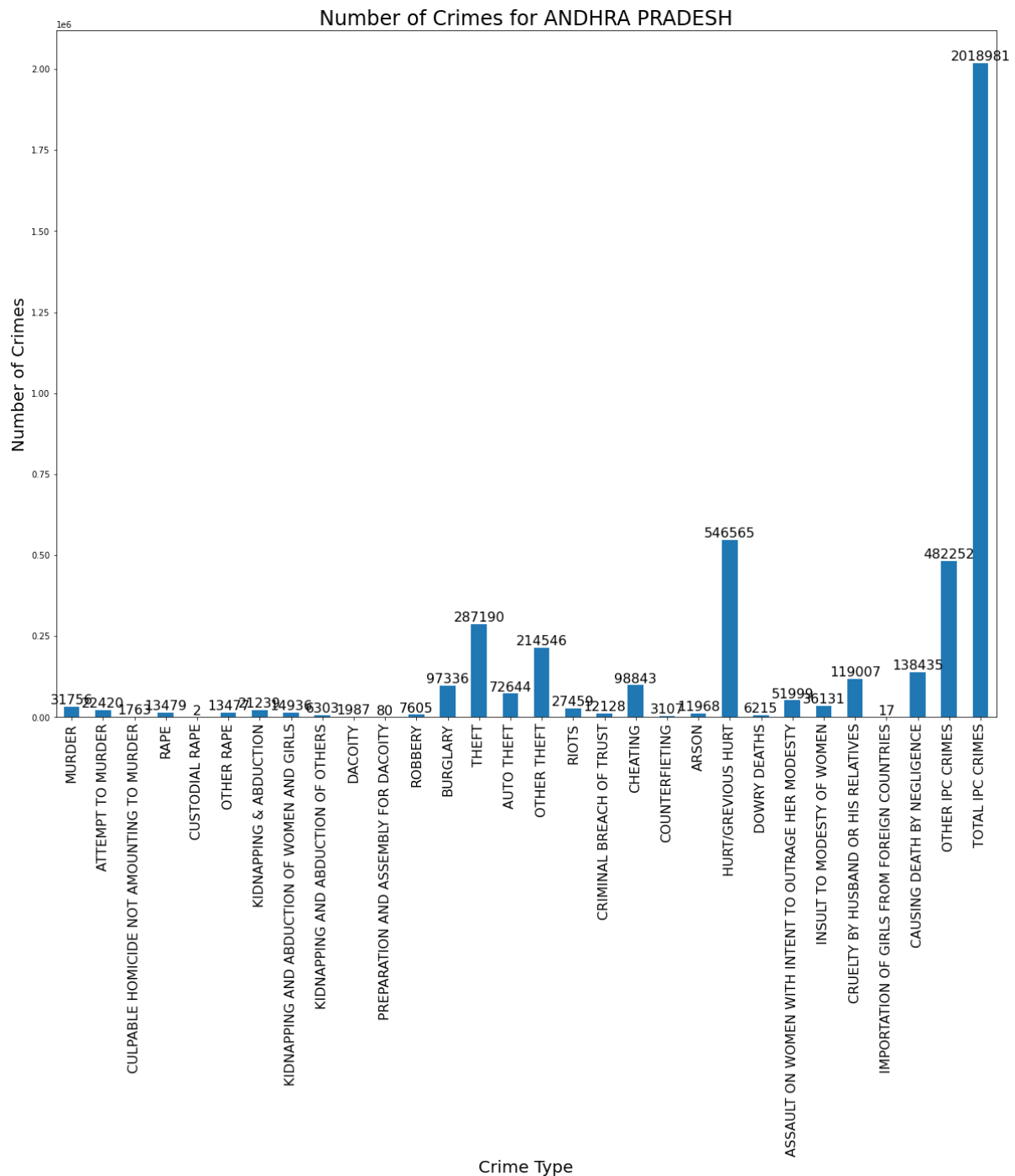


As the literacy rate increases, we can observe a corresponding decrease in crime rates. However, the relationship between the two is not necessarily linear. Initially, as the literacy rate rises from 0% to 70%, there is a decrease in crime. Beyond this threshold, the crime rate actually increases until the literacy rate reaches 85%, at which point the crime rate begins to decrease once more.

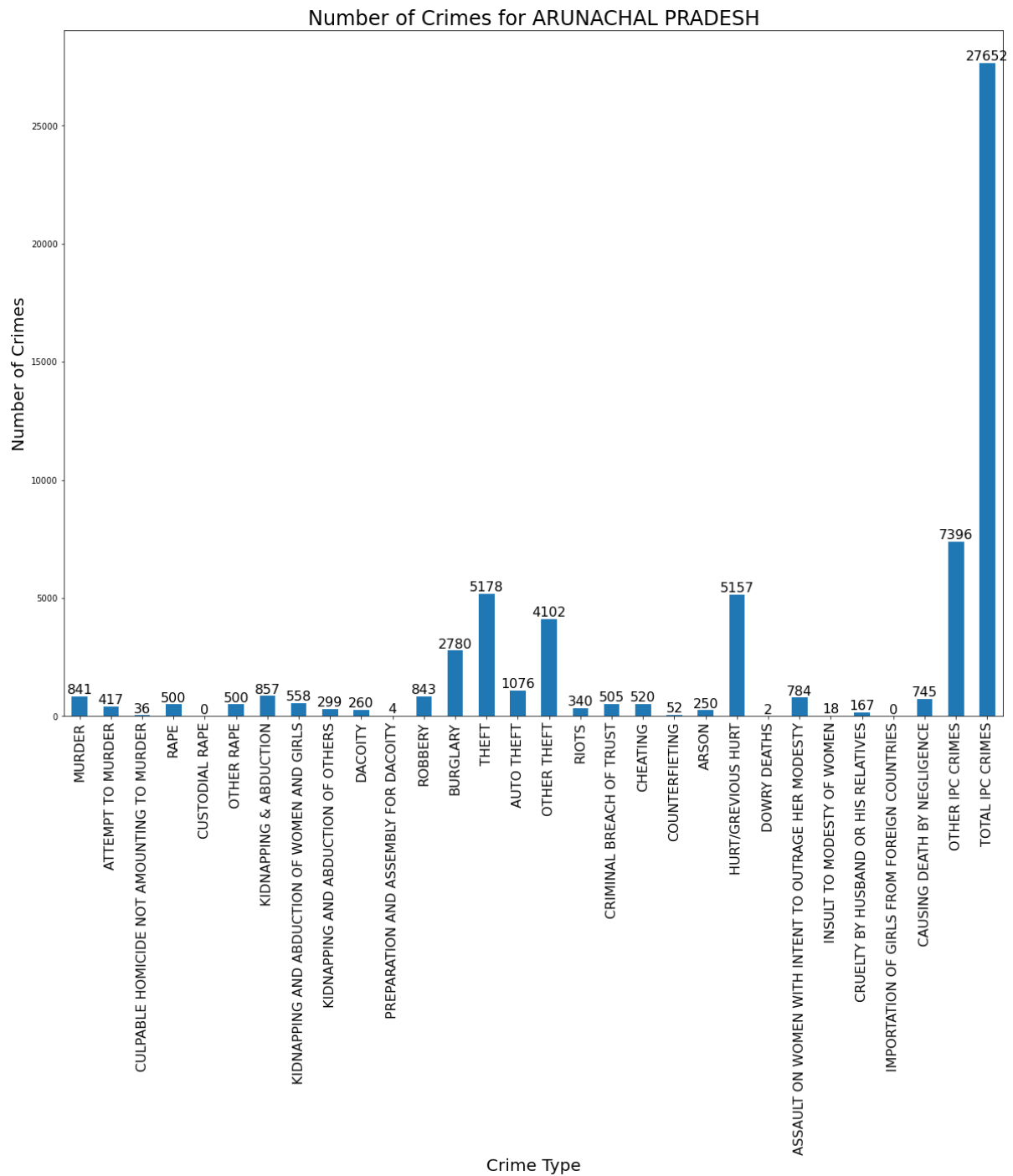
2.2 Analysis of the type of crime vs each state vs Literacy rate.



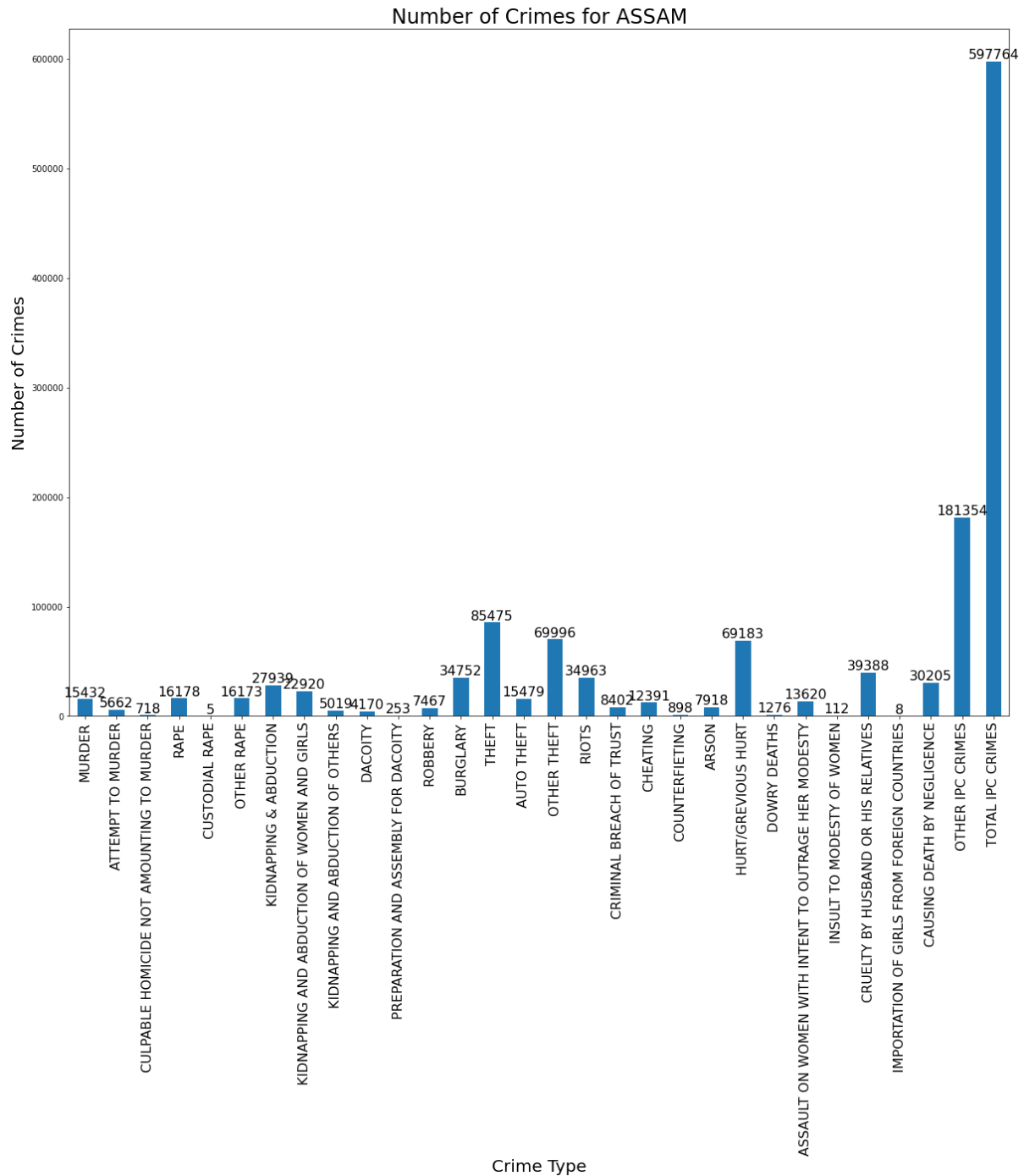
From Above Graph We Observe That In A & N Island The 'Burglary', 'Theft', 'Hurt/Greivious Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes' Are More In This State.



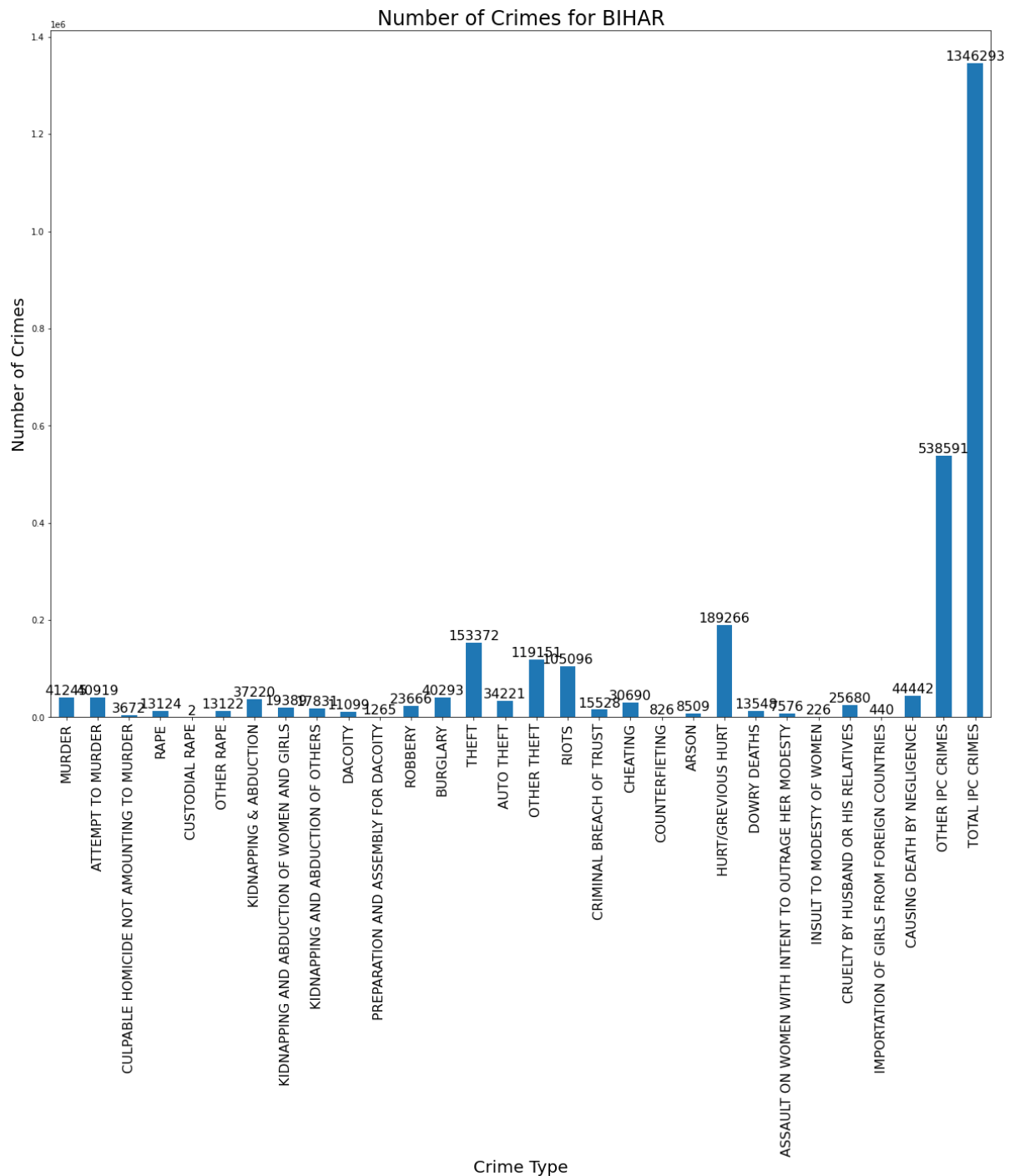
From Above Graph We Observe That In Andhra Pradesh The 'Burglary', 'Theft', 'Hurt/Grevius Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Cruelty By Husband Or His Relatives', 'Causing Death By Negligence' Are More In This State.



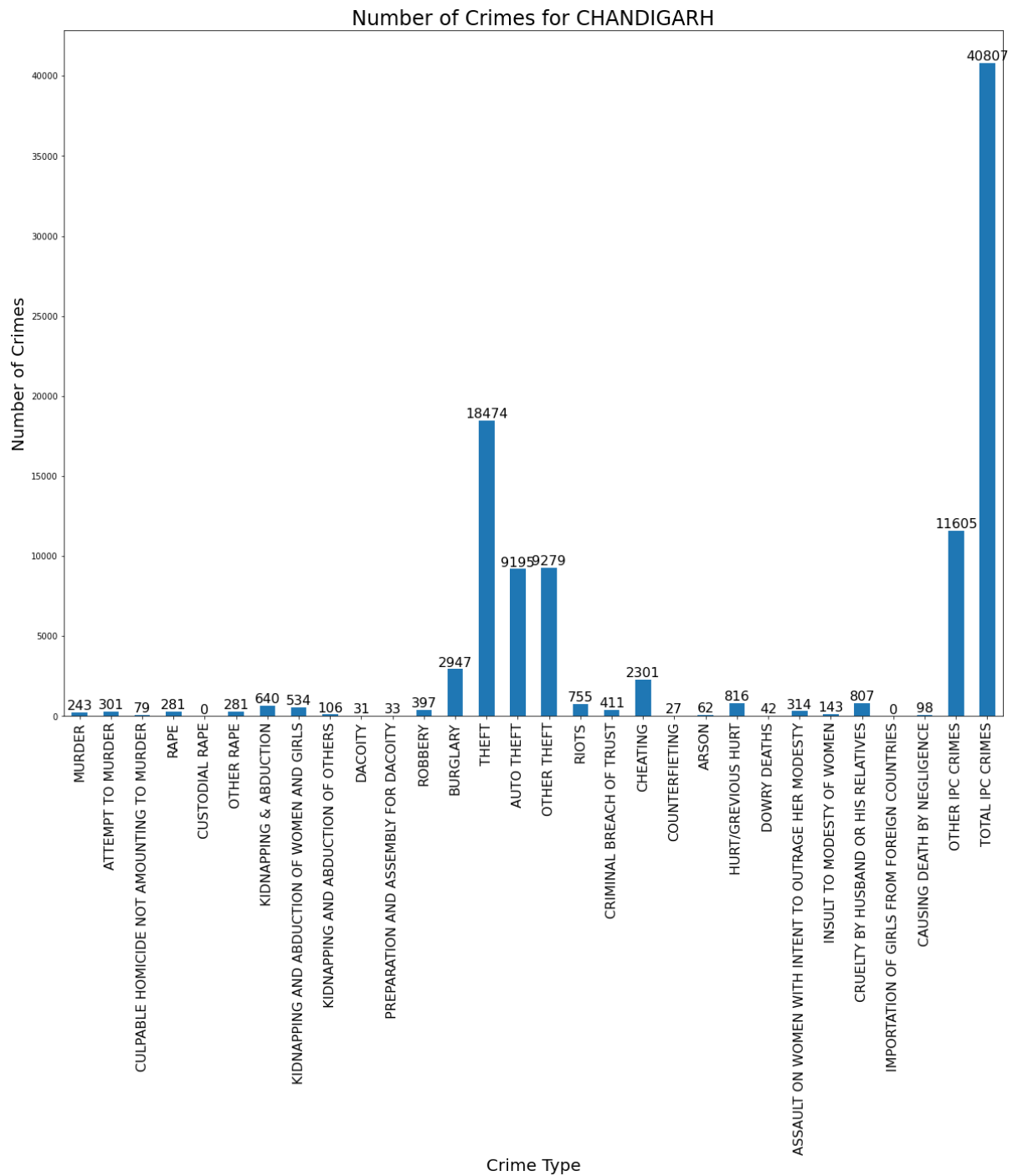
From Above Graph We Observe That In Arunachal Pradesh The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', Are More In This State



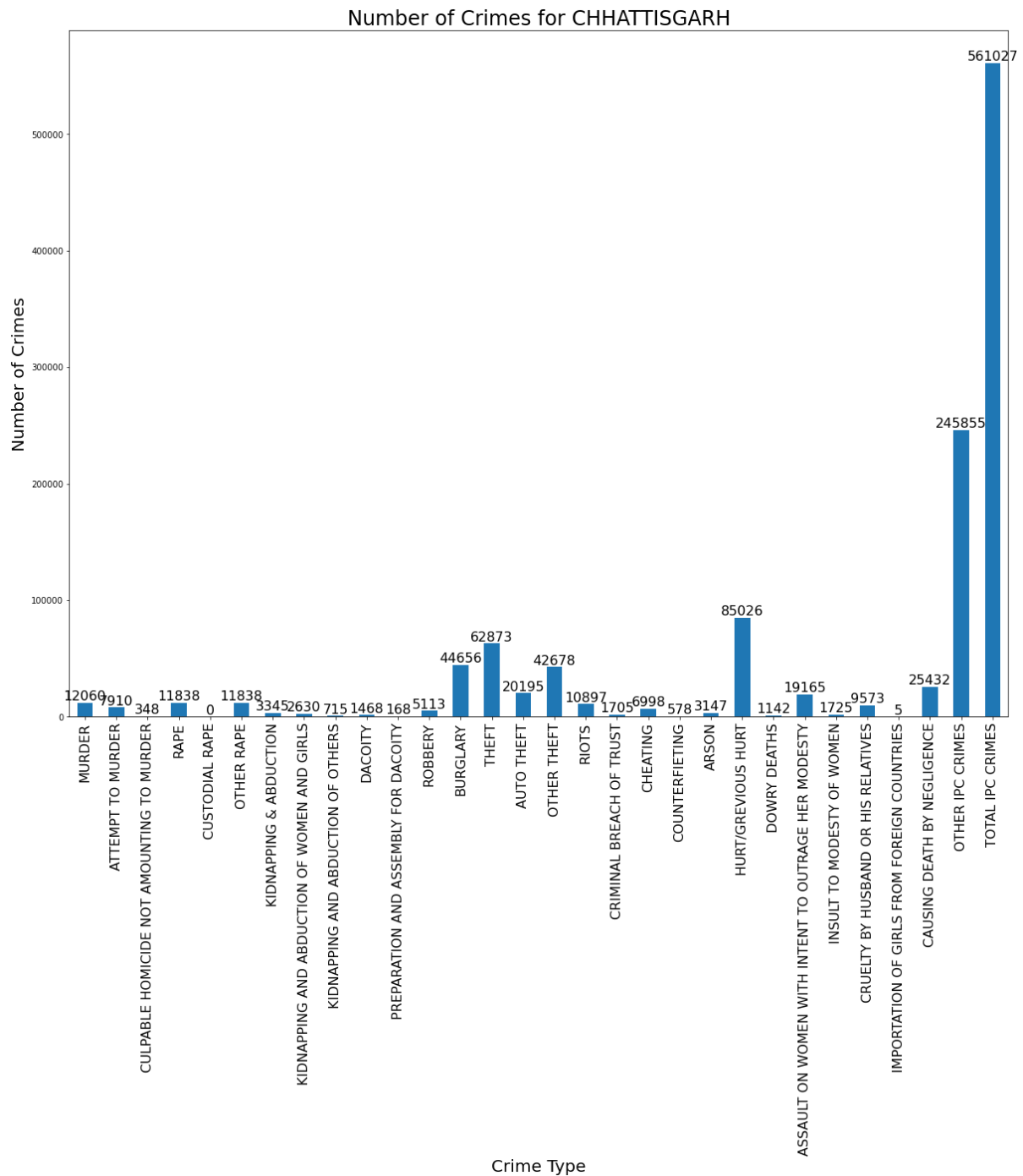
From Above Graph We Observe That In Assam The 'Burglary', 'Theft', 'Hurt/Greivious Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Cruelty By Husband Or His Relatives', 'Causing Death By Negligence' Are More In This State.



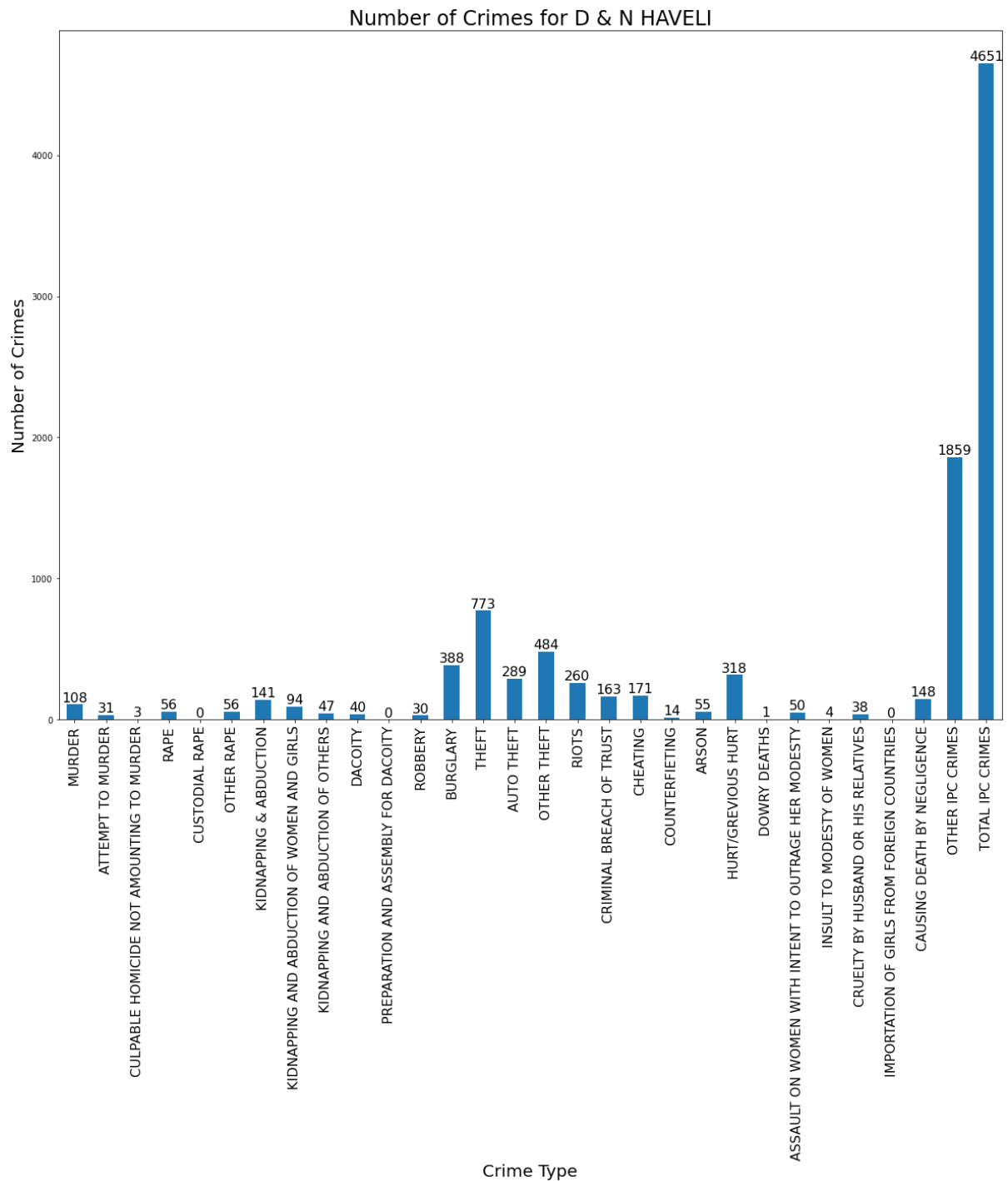
From Above Graph We Observe That In Bihar The 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Riots' Are More In This State.



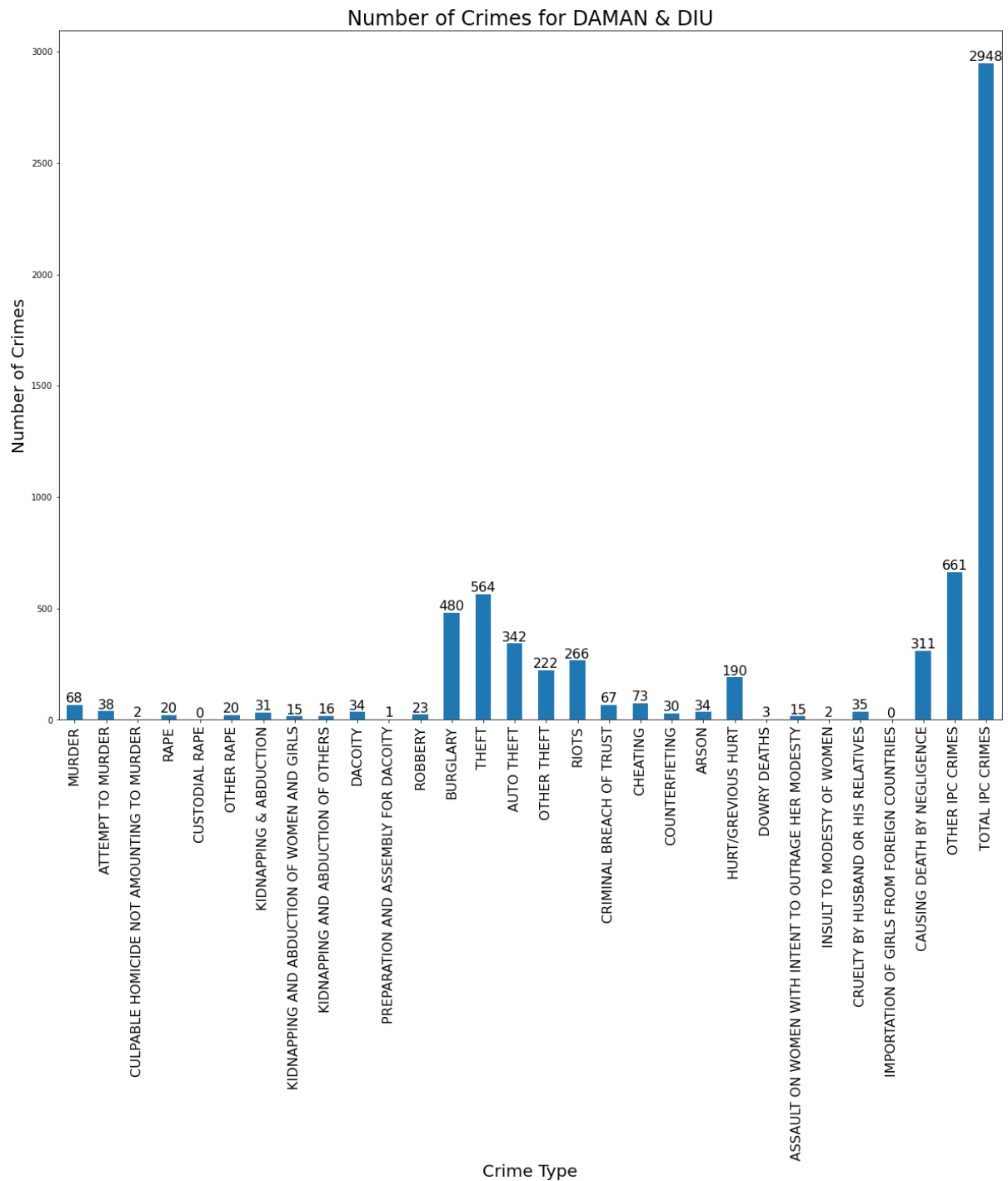
From Above Graph We Observe That In Chandigarh The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'other Ipc Crimes', 'Total Ipc Crimes', 'Cheating' Are More In This State.



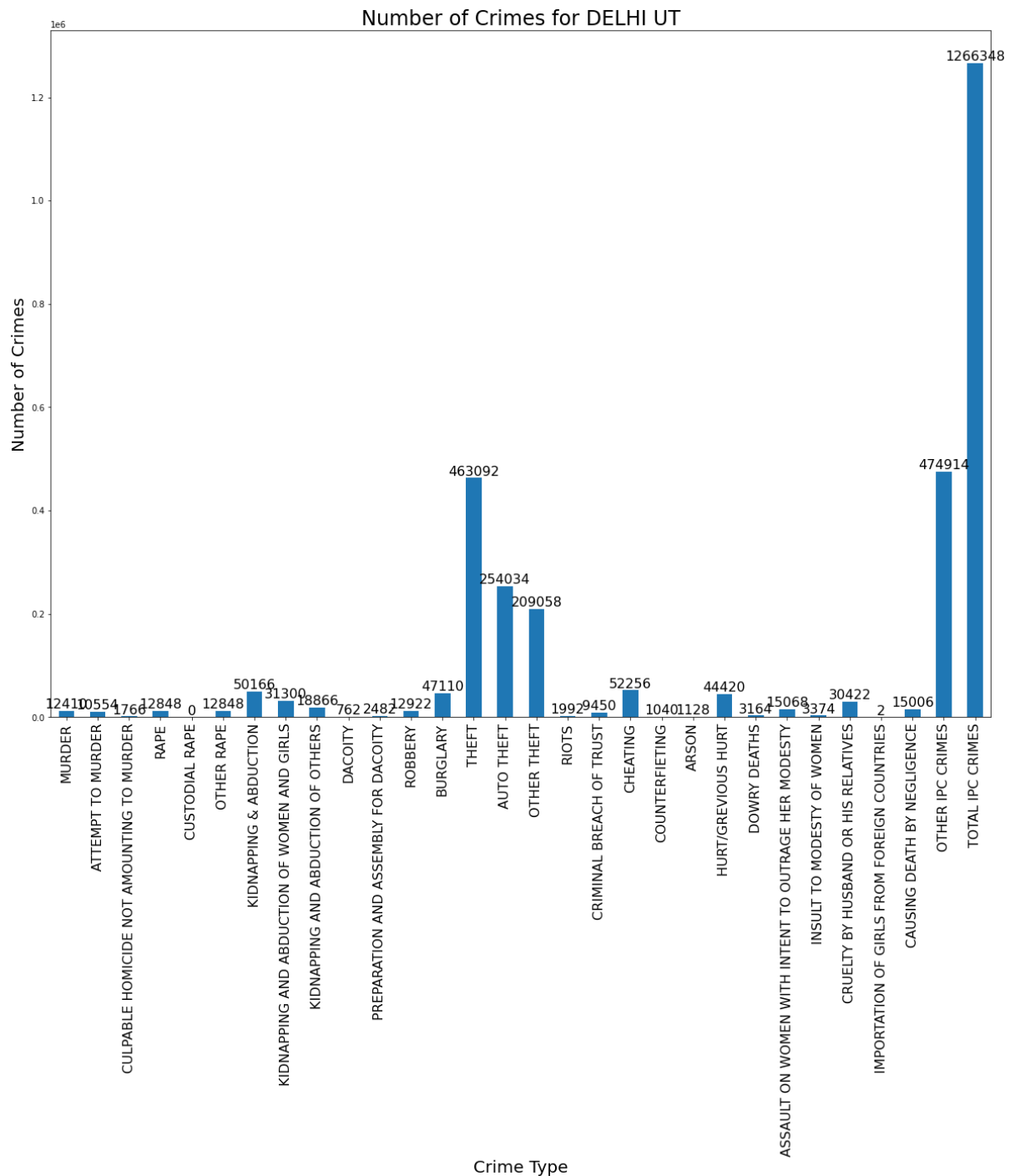
From Above Graph We Observe That In Chhattisgarh The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Causing Death By Negligence' Are More In This State.



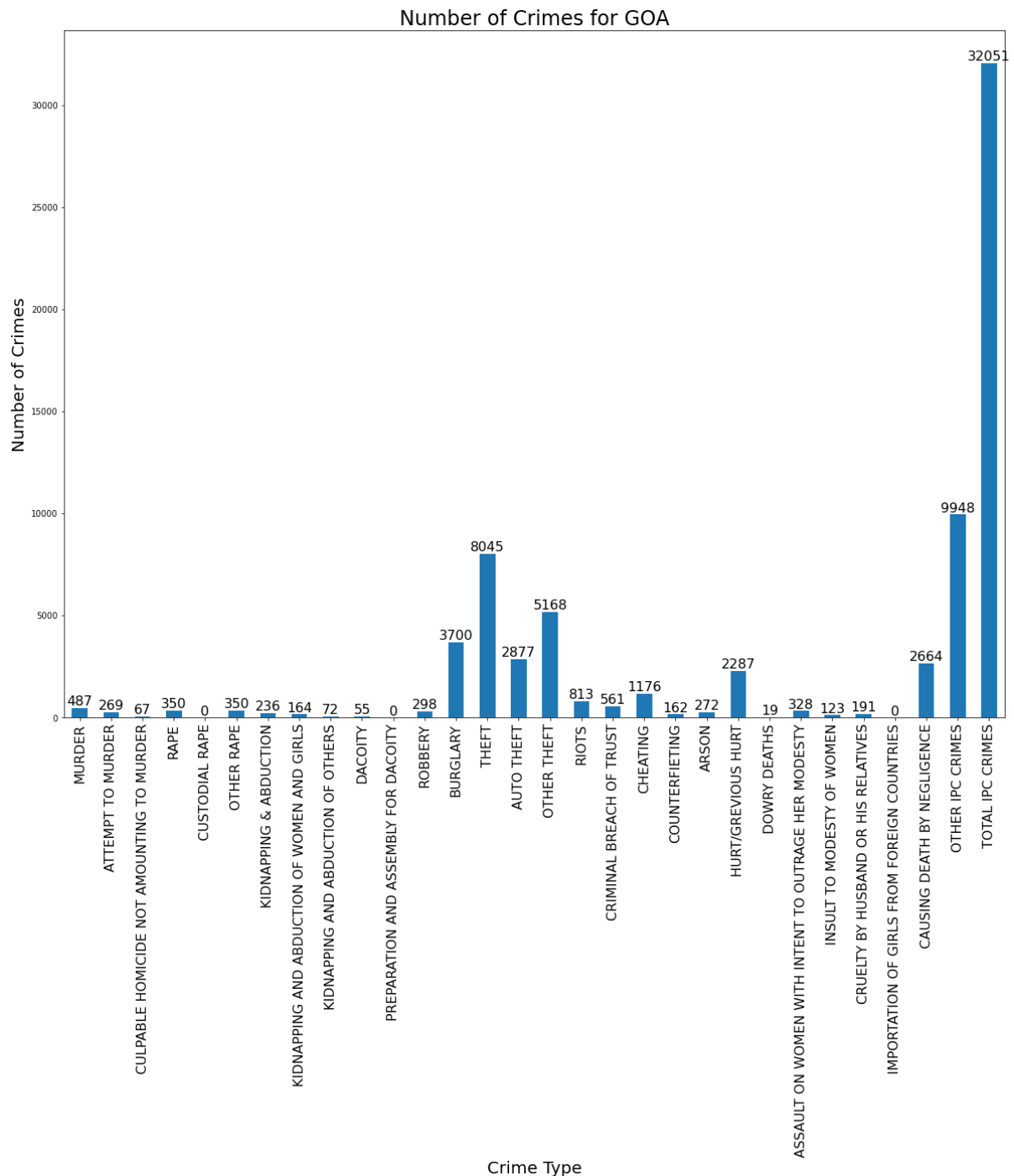
From Above Graph We Observe That In D & N Haveli The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes' Are More In This State.



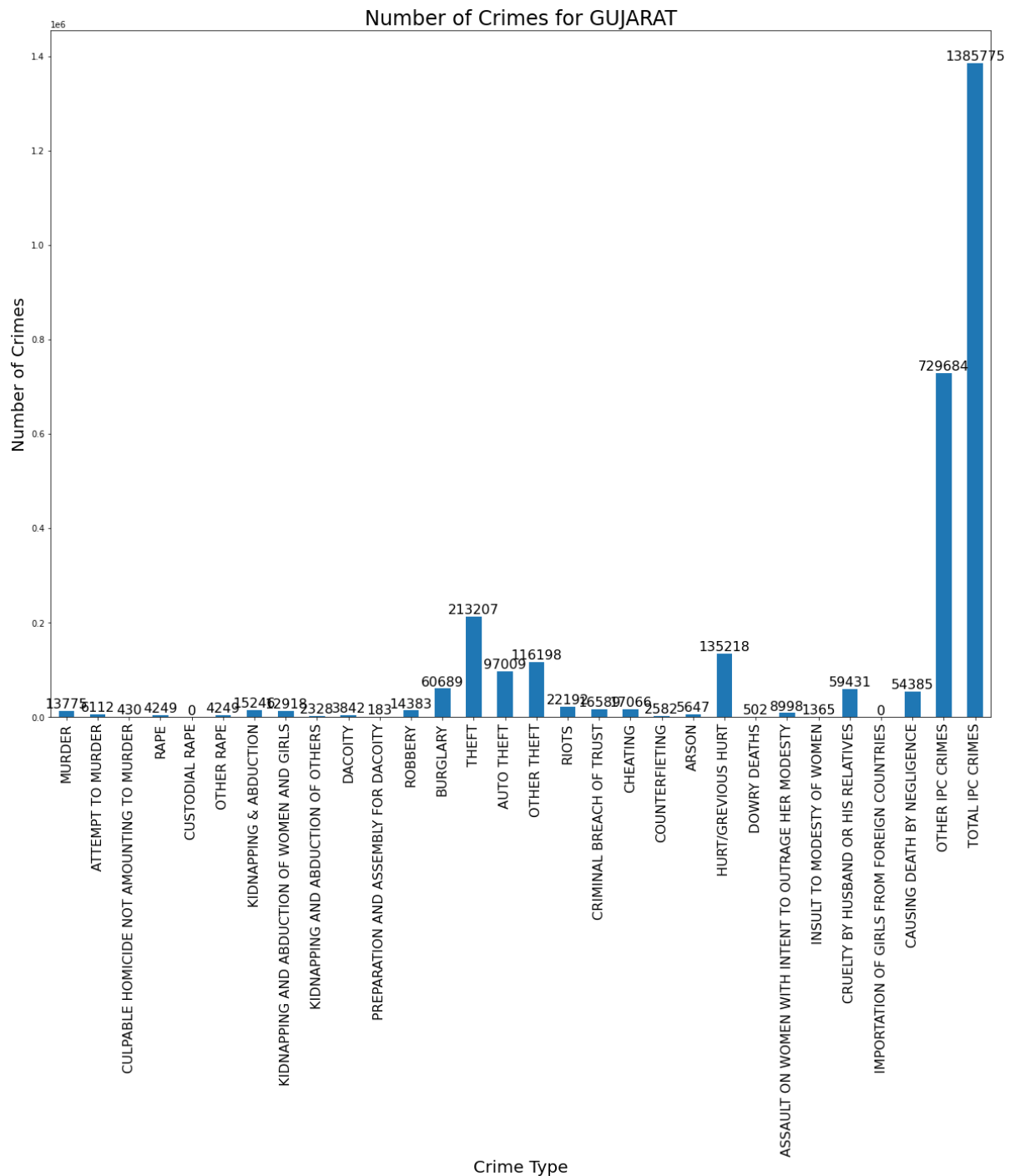
From Above Graph We Observe That In Daman & Diu The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Cruelty By Husband Or His Relatives', 'Causing Death By Negligence', 'Riots', Are More In This State.



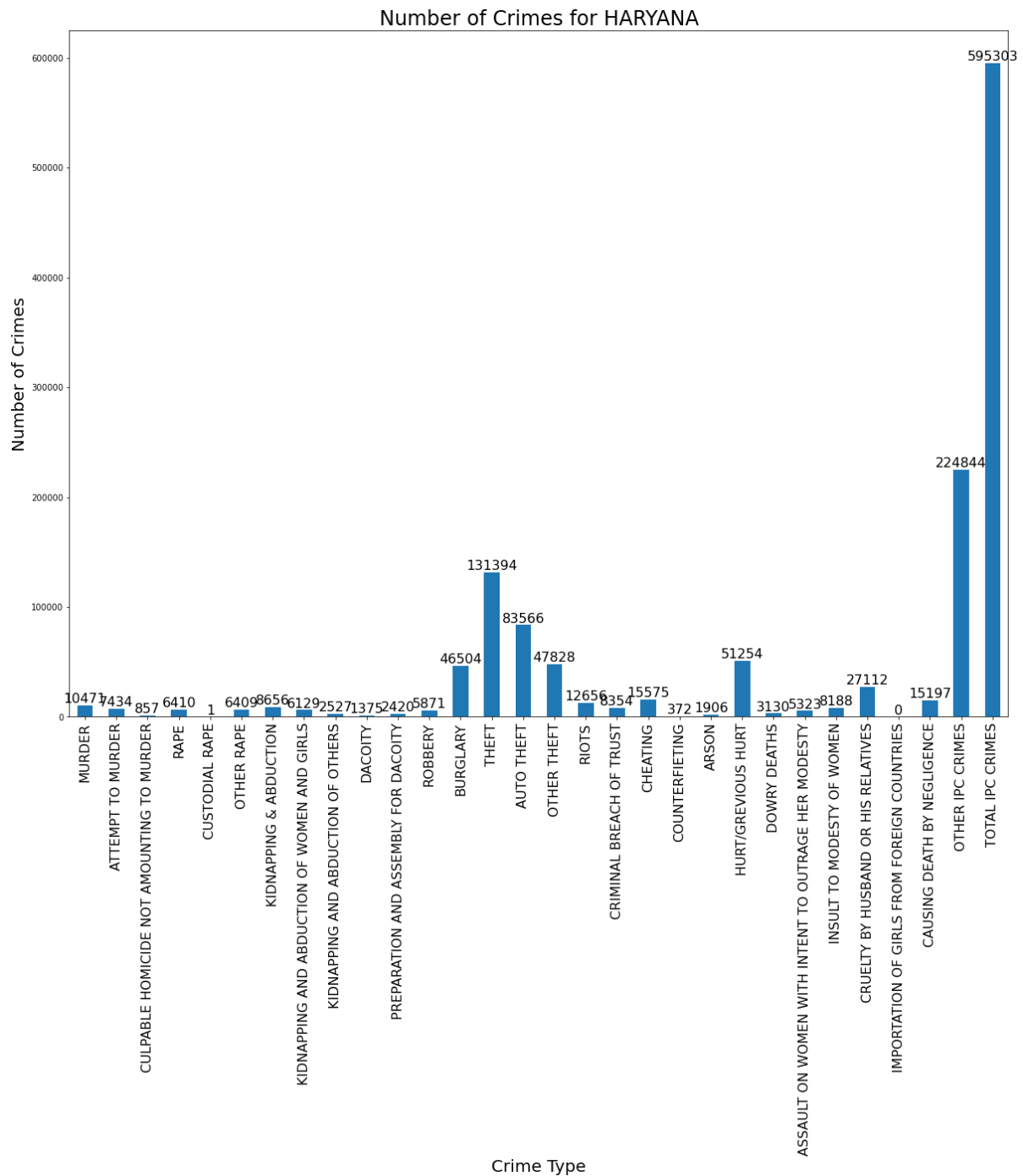
From Above Graph We Observe That In Delhi Ut The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Cruelty By Husband Or His Relatives', 'Causing Death By Negligence', 'Cheating' Are More In This State.



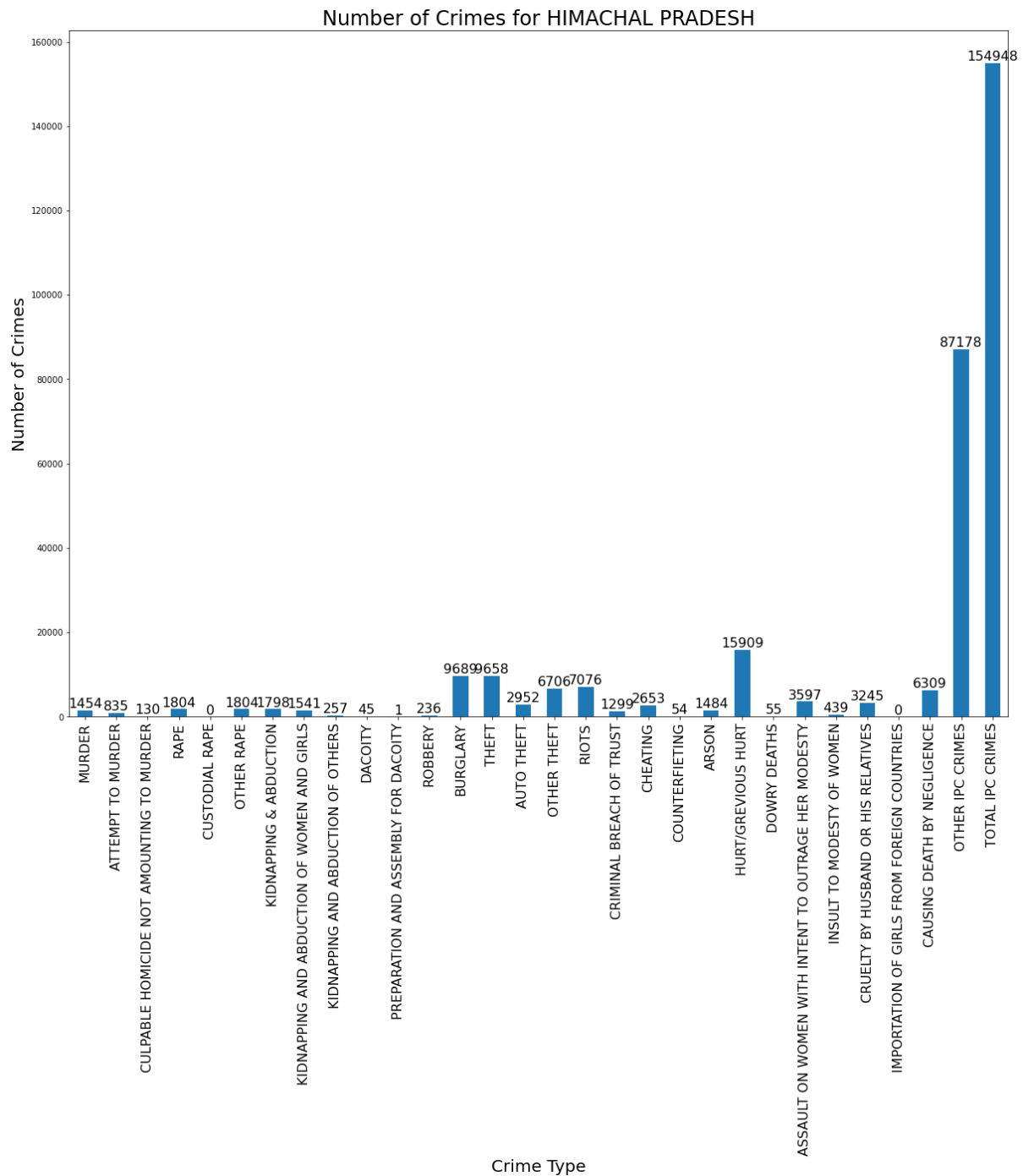
From Above Graph We Observe That In Goa The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Cruelty By Husband Or His Relatives', 'Causing Death By Negligence', 'Cheating', Are More In This State.



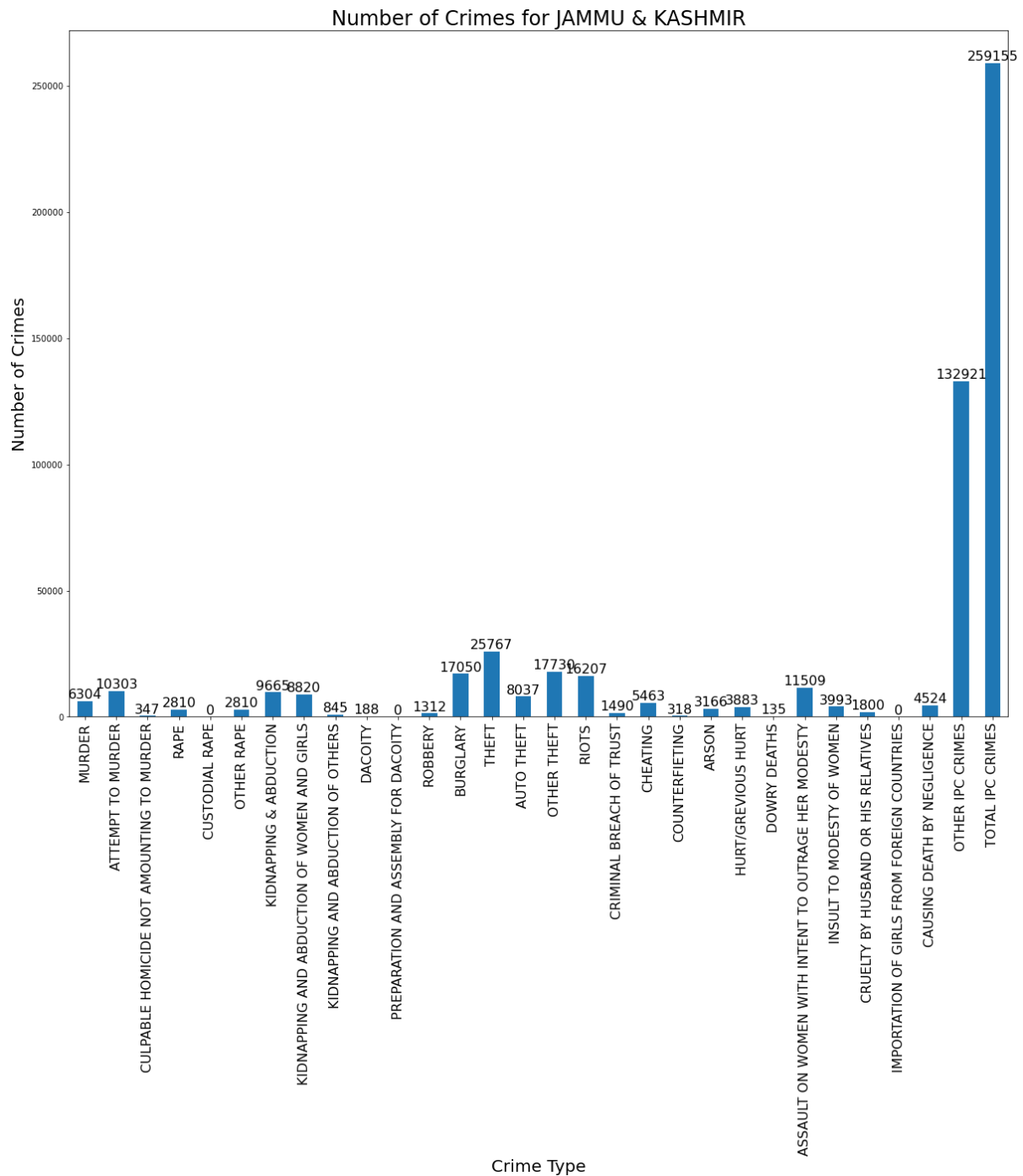
From Above Graph We Observe That In Gujarat The 'Burglary', 'Theft', 'Hurt/Greivious Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Cruelty By Husband Or His Relatives', 'Causing Death By Negligence' Are More In This State.



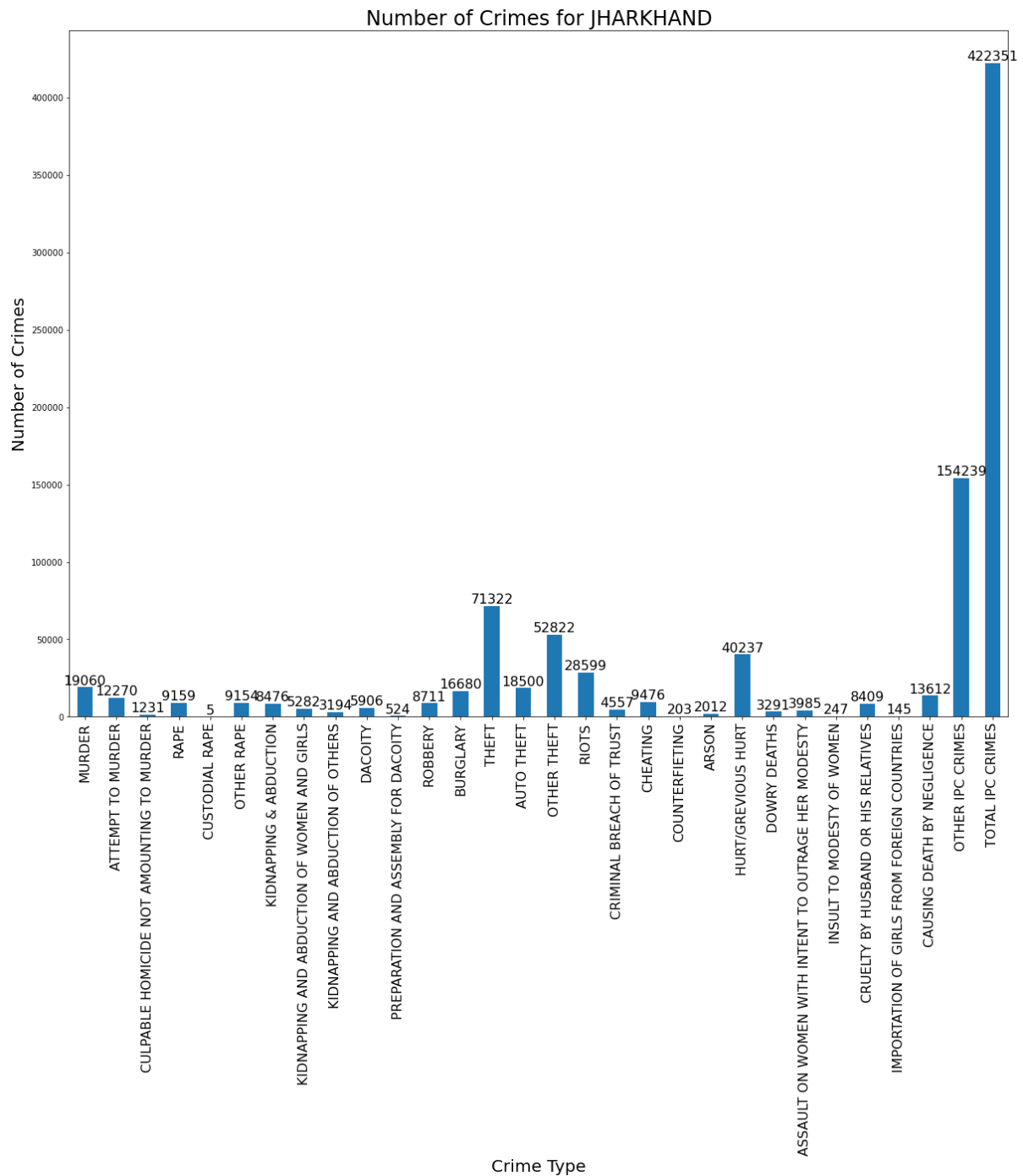
From Above Graph We Observe That In Haryana The 'Burglary', 'Theft', 'Hurt/Greivious Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Hurt/Greivious Hurt' Are More In This State.



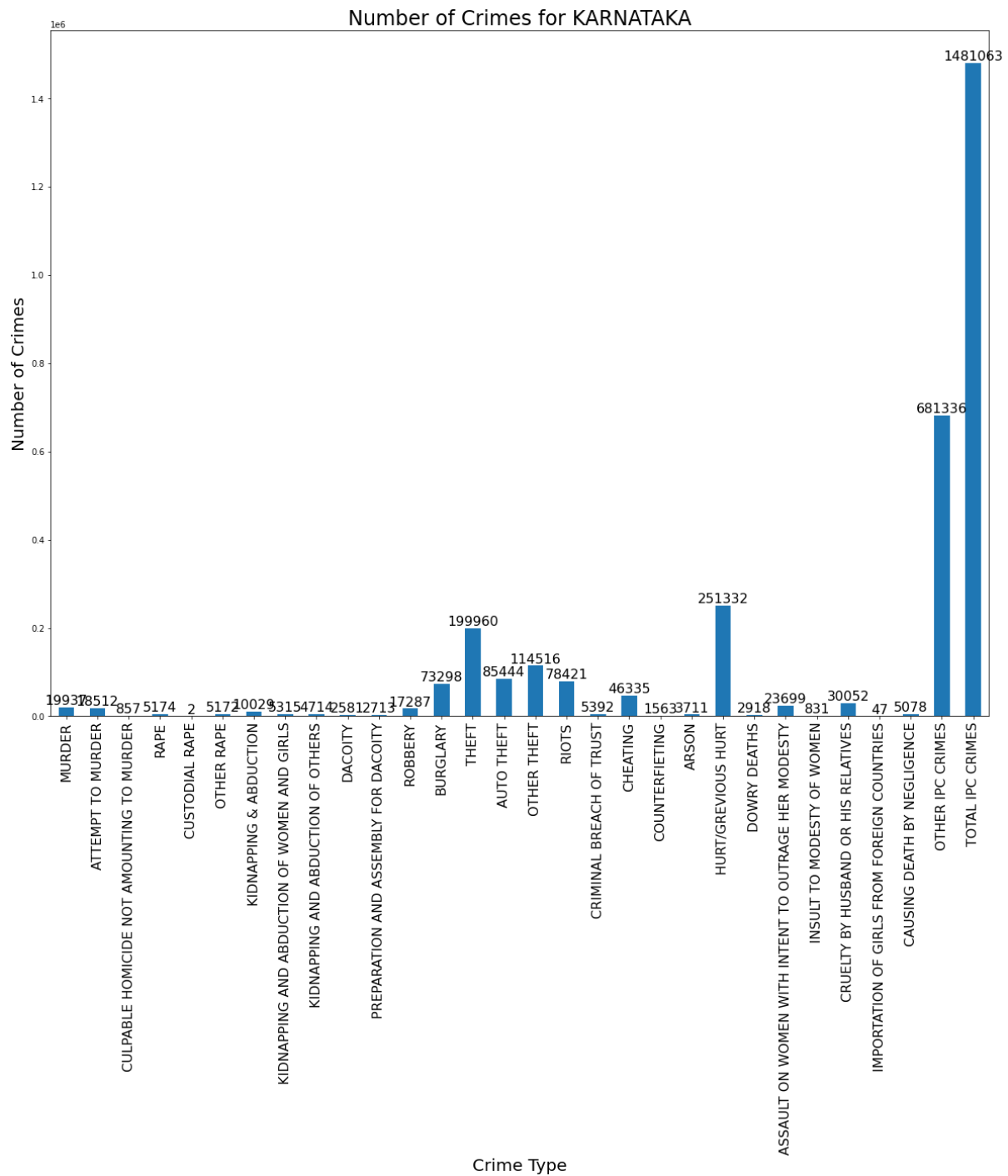
From Above Graph We Observe That In Himachal Pradesh The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Hurt/Greivous Hurt' Are More In This State.



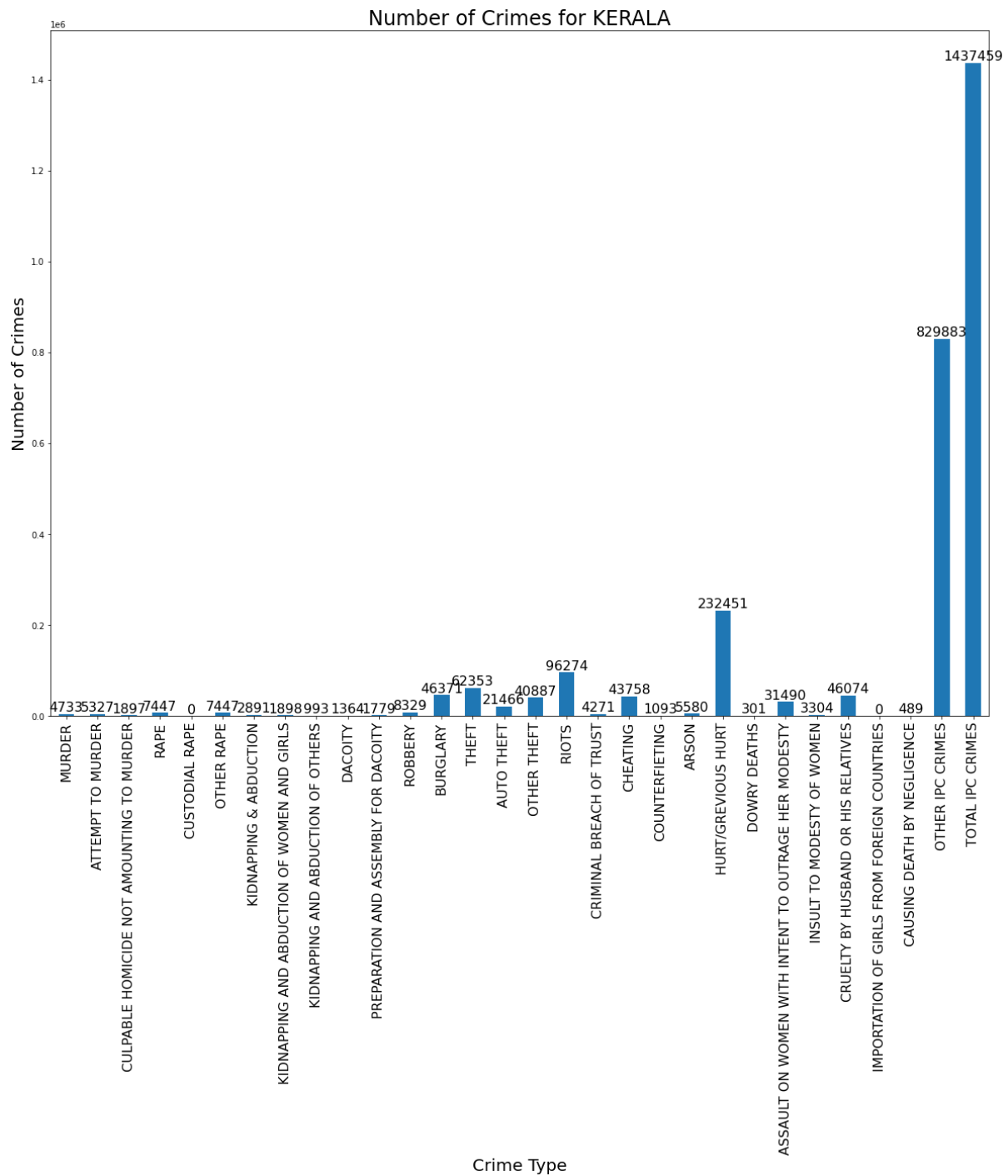
From Above Graph We Observe That In Himachal Pradesh The 'Burglary', 'Theft', 'Hurt/Greivious Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Hurt/Greivious Hurt' Are More In This State.



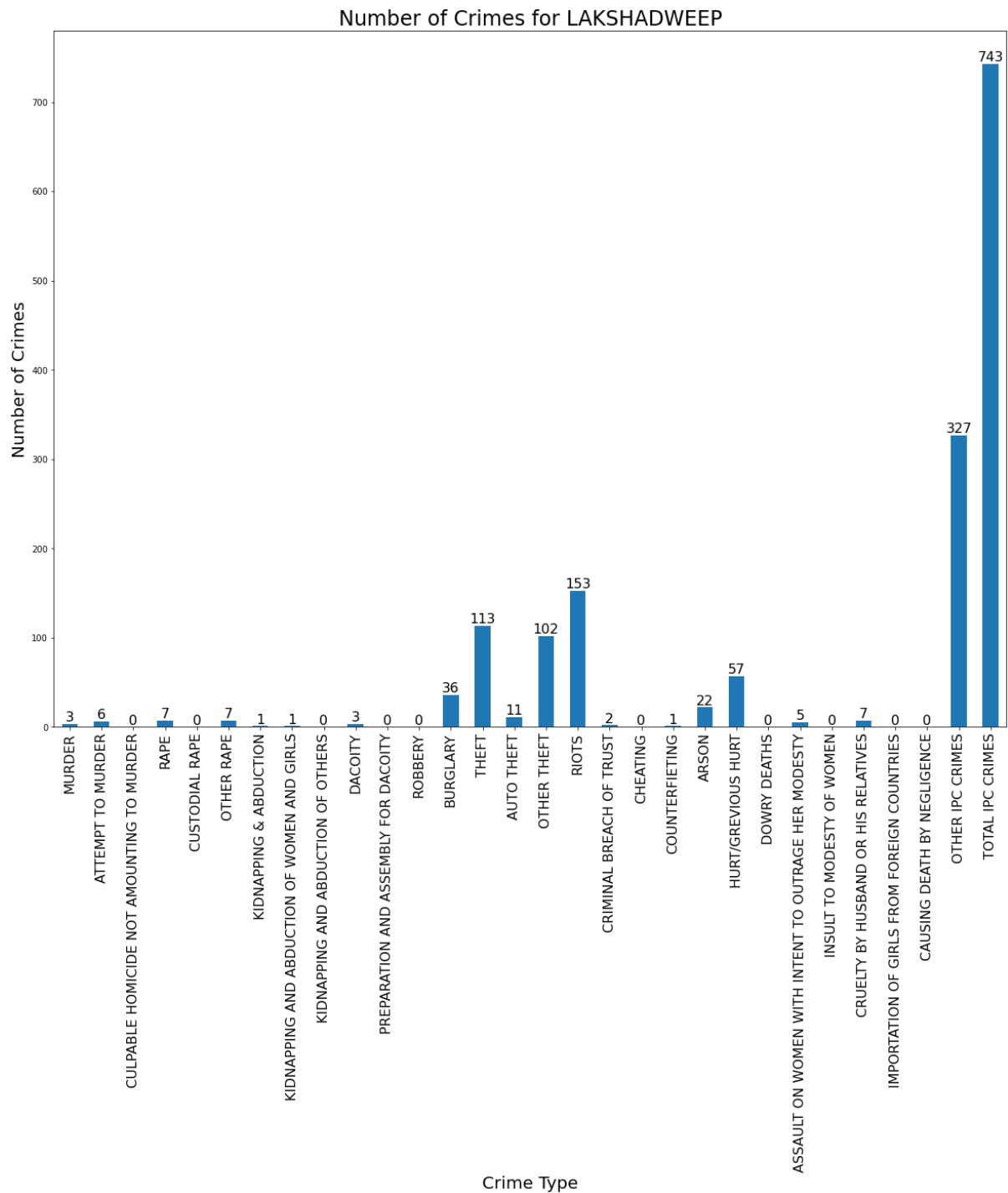
From Above Graph We Observe That In Jharkhand The 'Theft','Hurt/Greivous Hurt','Other Ipc Crimes', 'Total Ipc Crimes' Are More In This State.



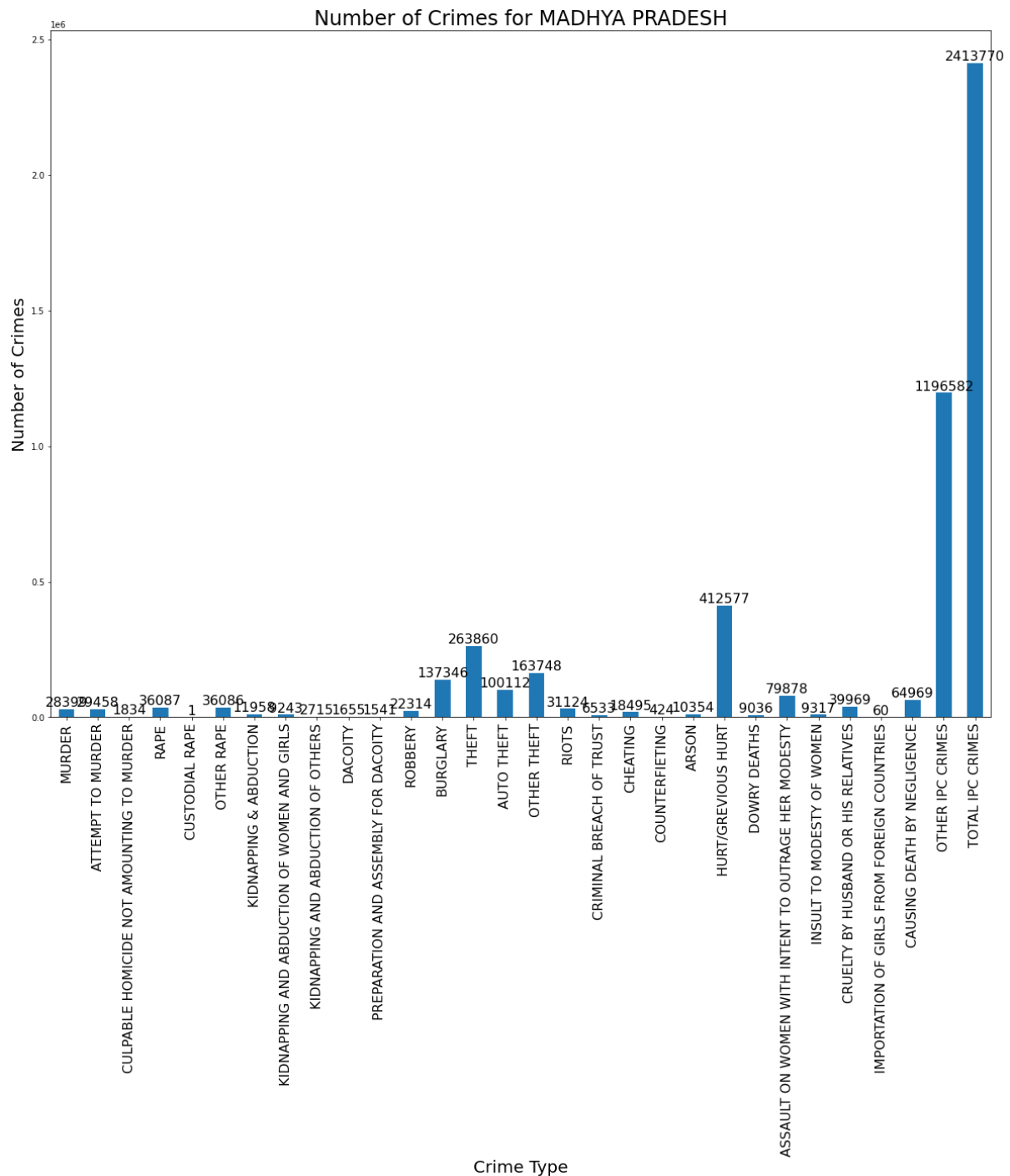
From Above Graph We Observe That In Karnataka The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes' Are More In This State.



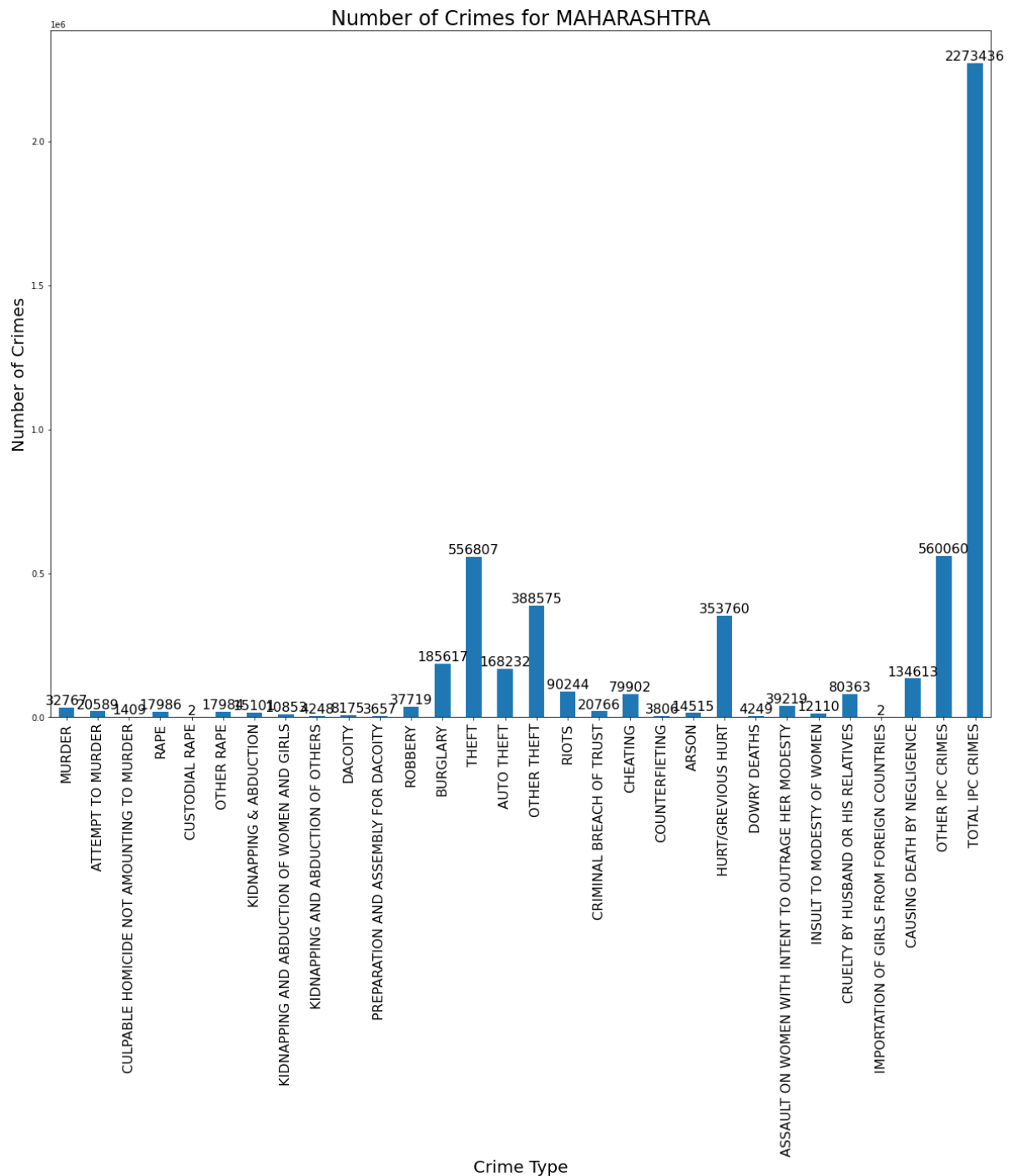
From Above Graph We Observe That In Kerala The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Riots' Are More In This State.



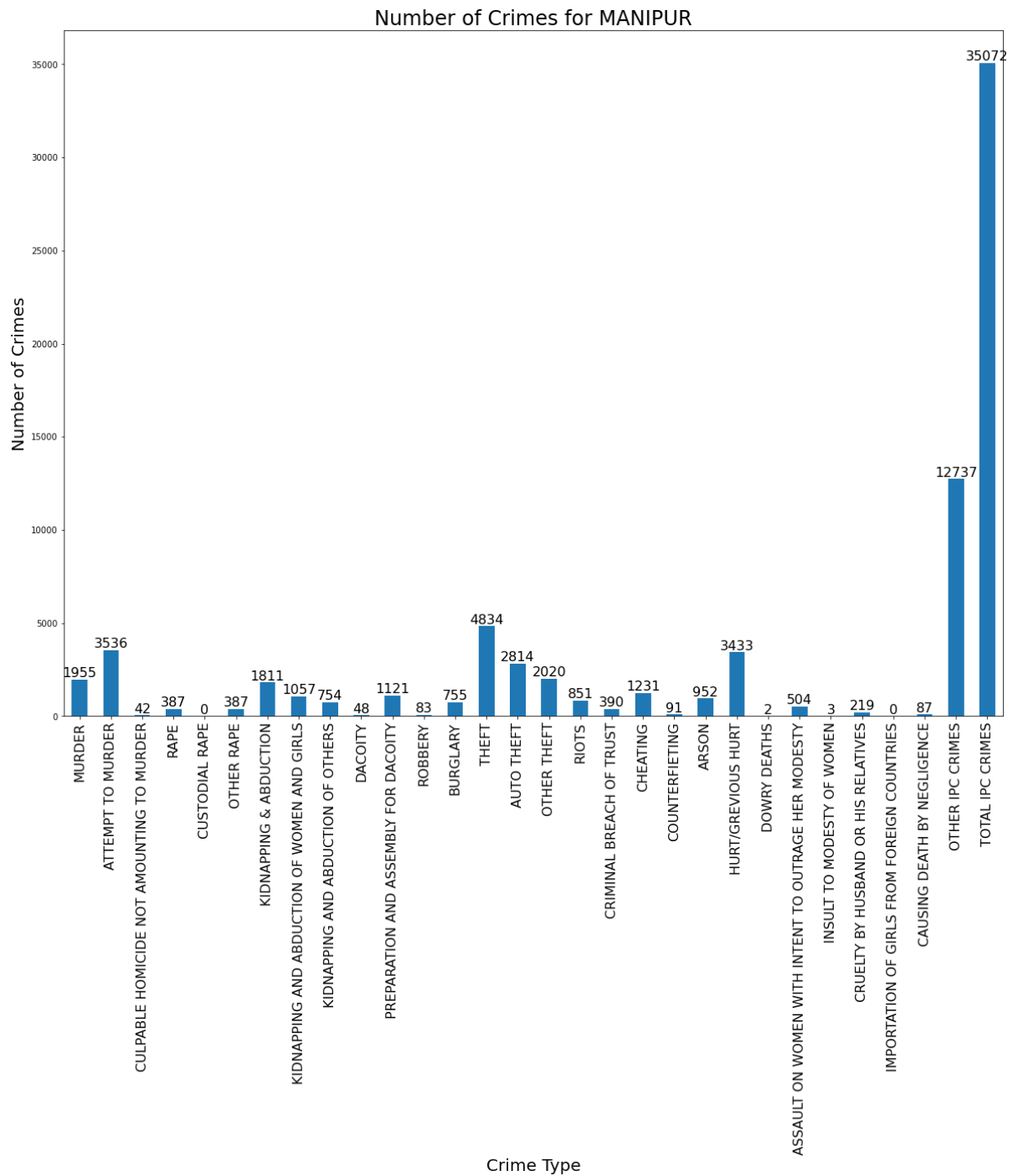
From Above Graph We Observe That In Lakshadweep The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Riots' Are More In This State.



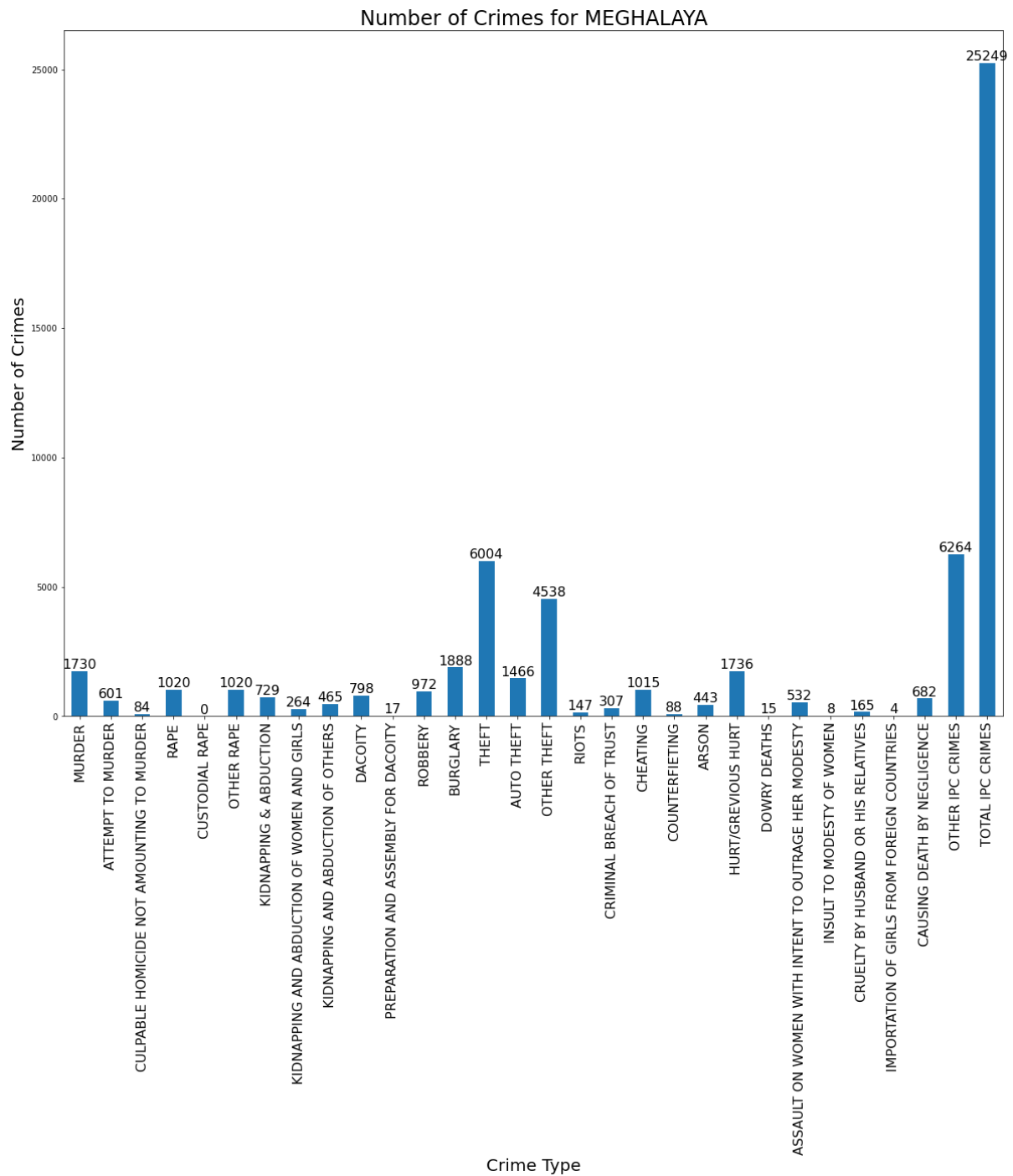
From Above Graph We Observe That In Madhya Pradesh The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes' , Are More In This State.



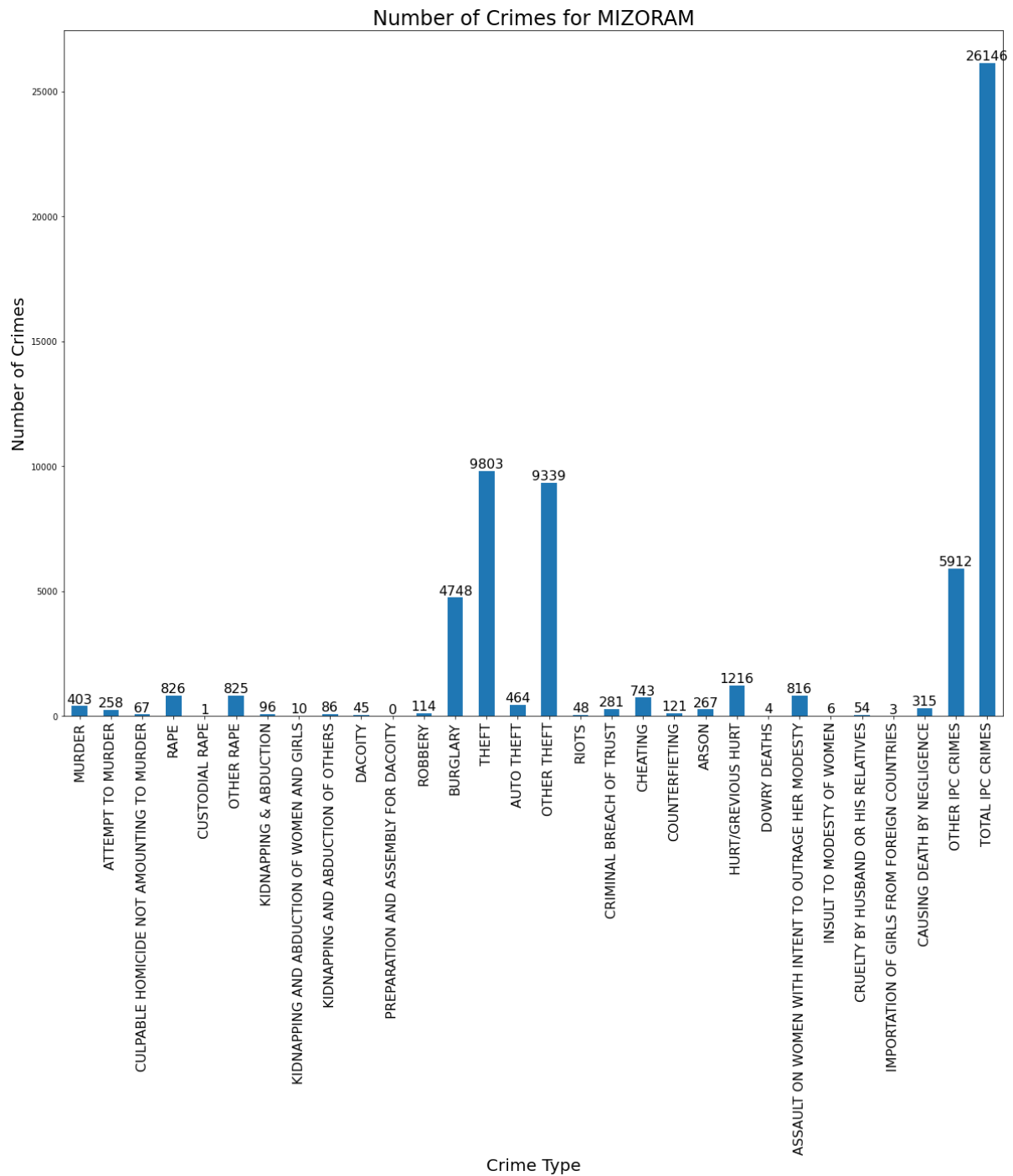
From Above Graph We Observe That In Maharashtra The 'Burglary', 'Theft', 'Hurt/Greivious Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Cruelty By Husband Or His Relatives', 'Causing Death By Negligence', 'Cheating' Are More In This State.



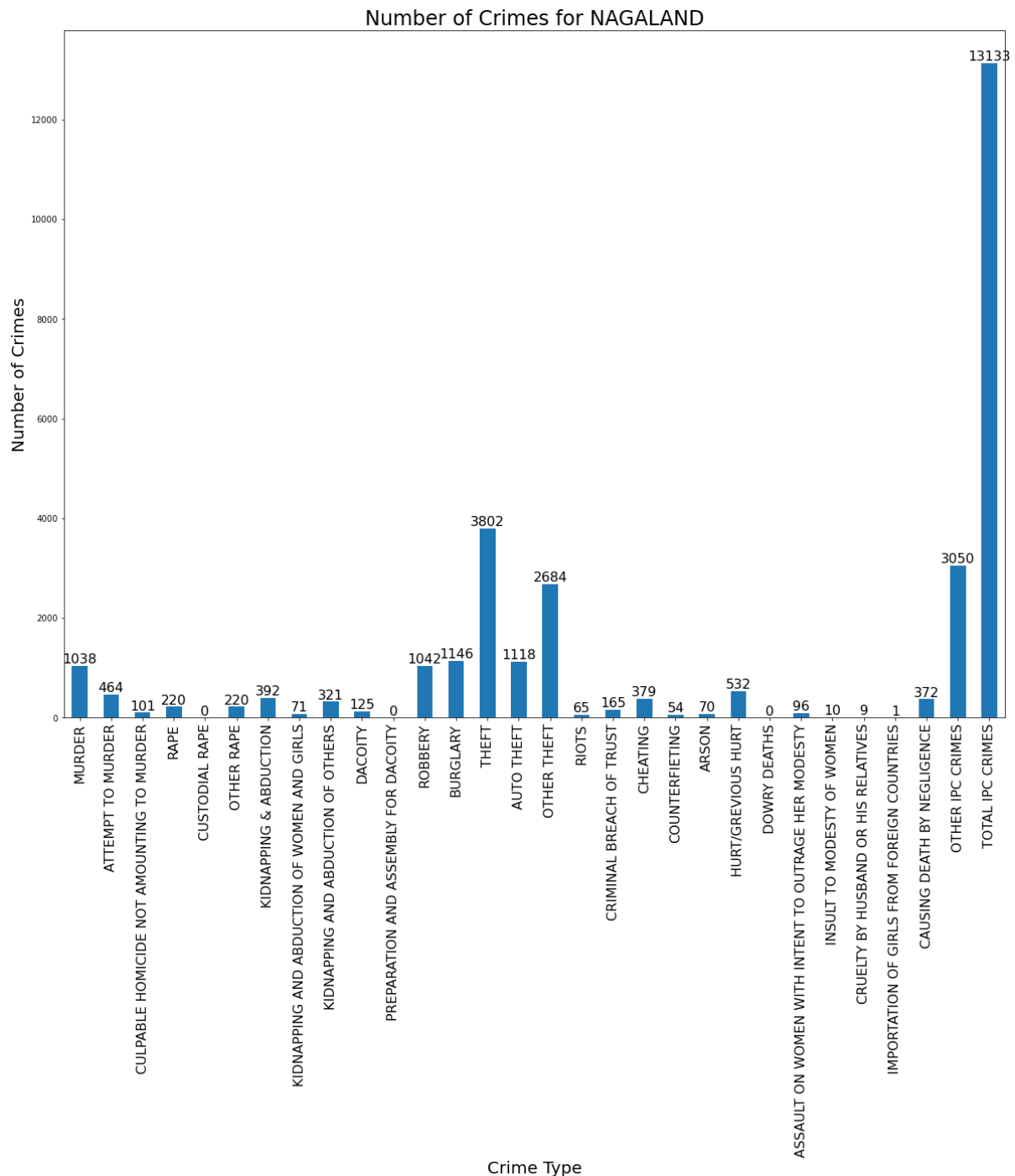
From Above Graph We Observe That In Manipur The 'Theft','Hurt/Greivous Hurt','Other Ipc Crimes', 'Total Ipc Crimes', 'Murder', 'Attempt To Murder' Are More In This State.



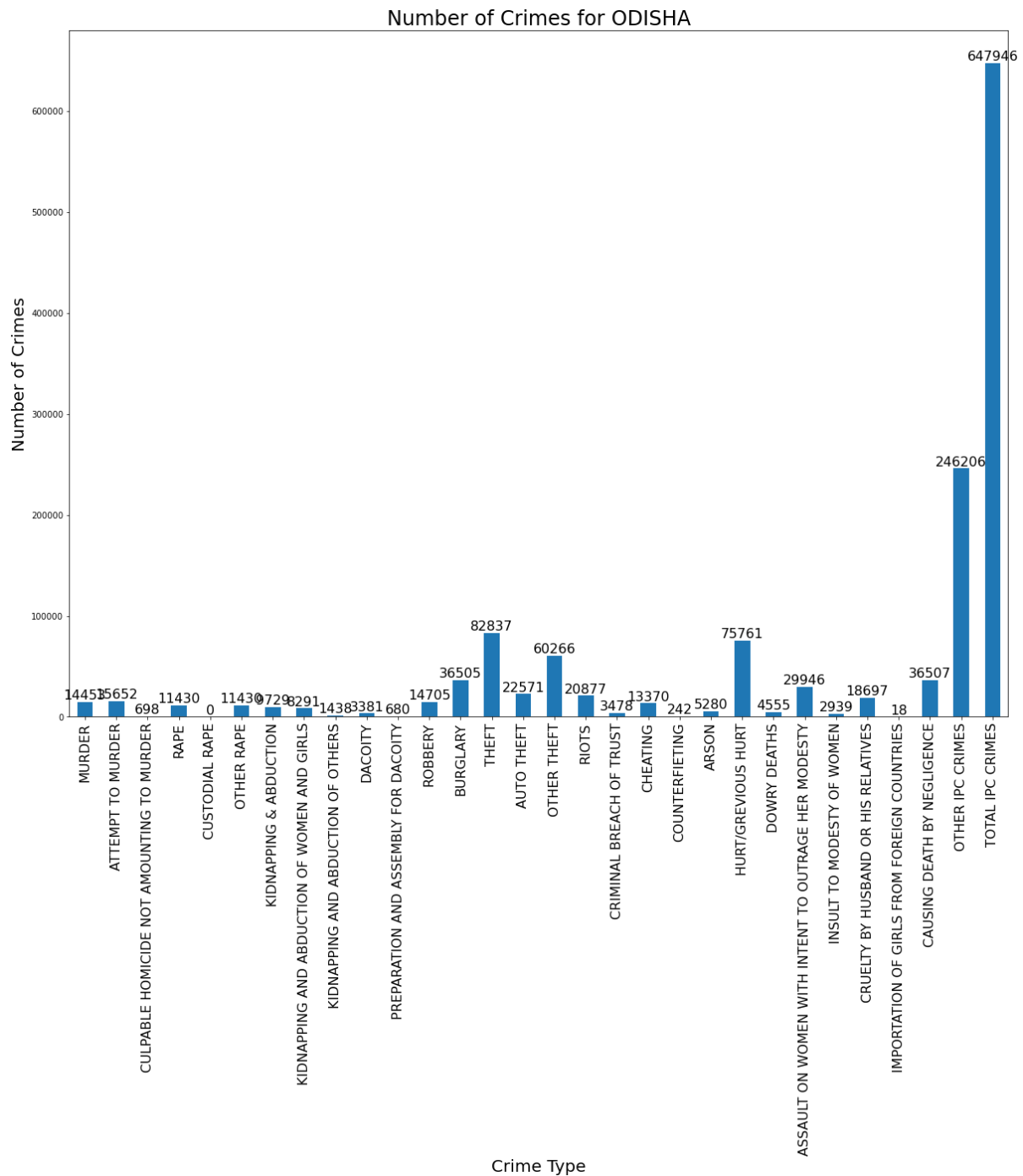
From Above Graph We Observe That In Meghalaya The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Robbery', 'Rape', 'Murder' Are More In This State.



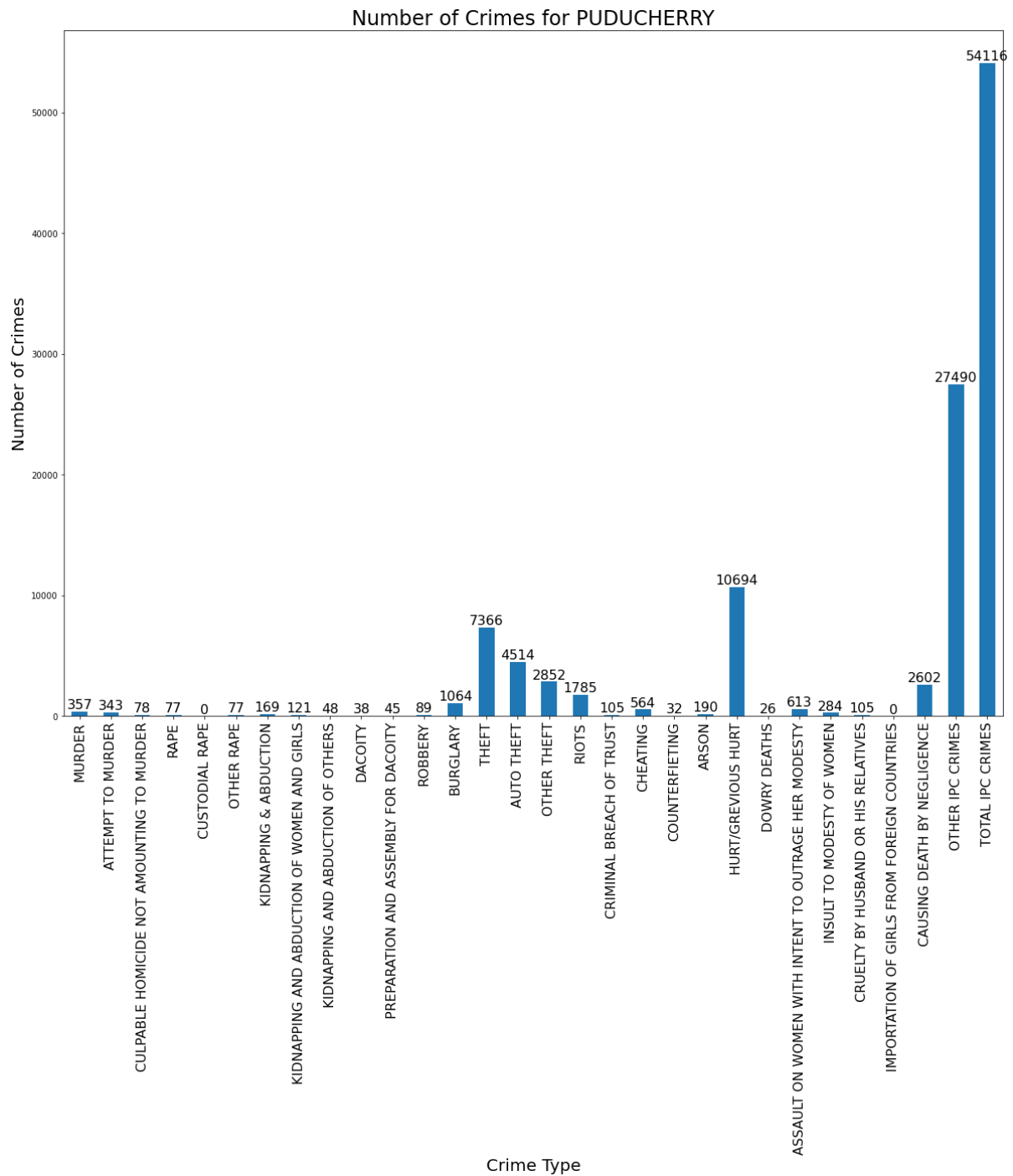
From Above Graph We Observe That In Mizoram The 'Burglary', 'Theft', 'Hurt/Grevious Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes' Are More In This State.



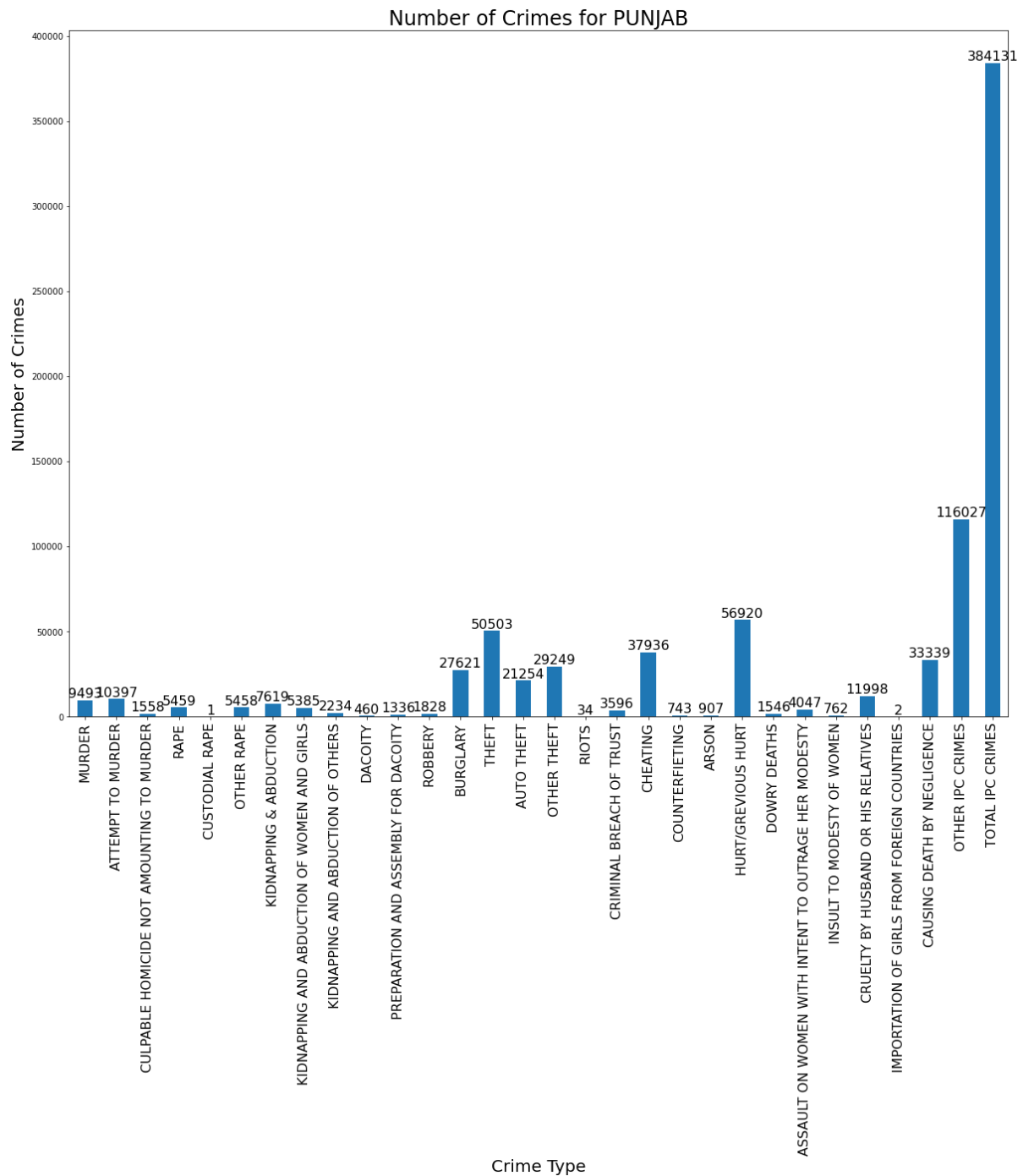
From Above Graph We Observe That In Nagaland The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Murder', 'Robbery' Are More In This State.



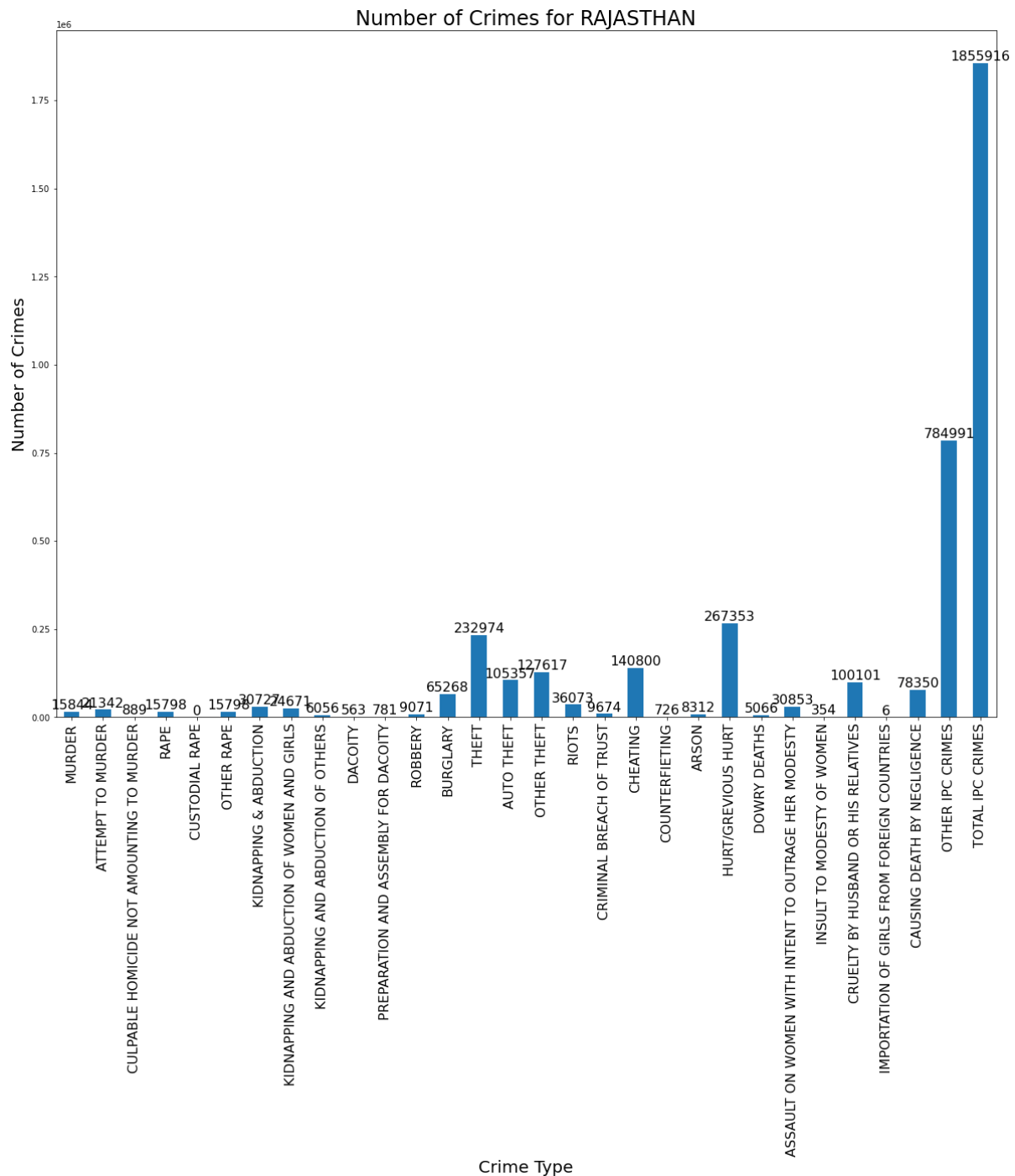
From Above Graph We Observe That In Odisha The 'Burglary', 'Theft', 'Hurt/Greivious Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes' Are More In This State.



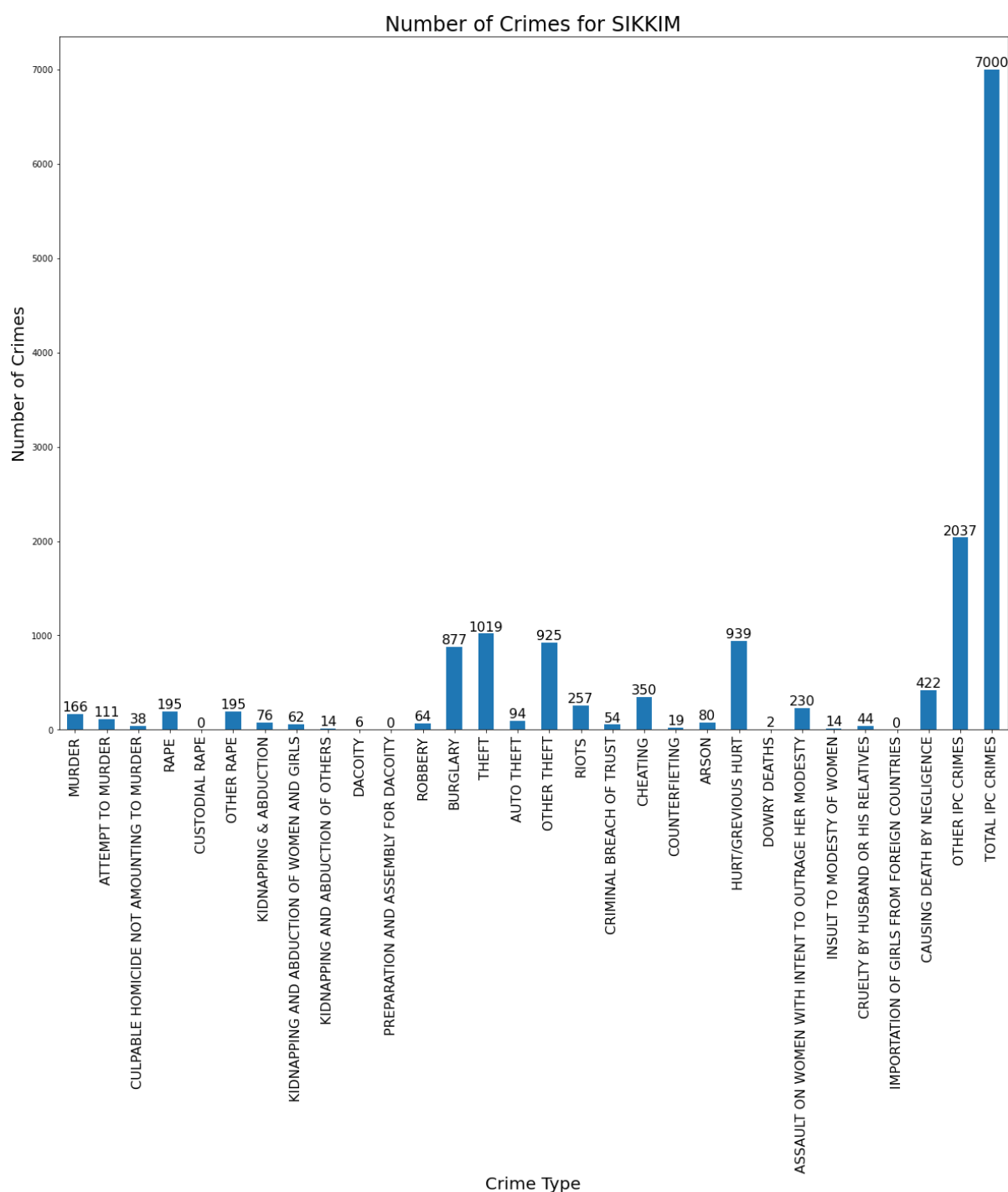
From Above Graph We Observe That In Puducherry The, 'Theft','Hurt/Greivious Hurt','Other Ipc Crimes', 'Total Ipc Crimes' Are More In This State.



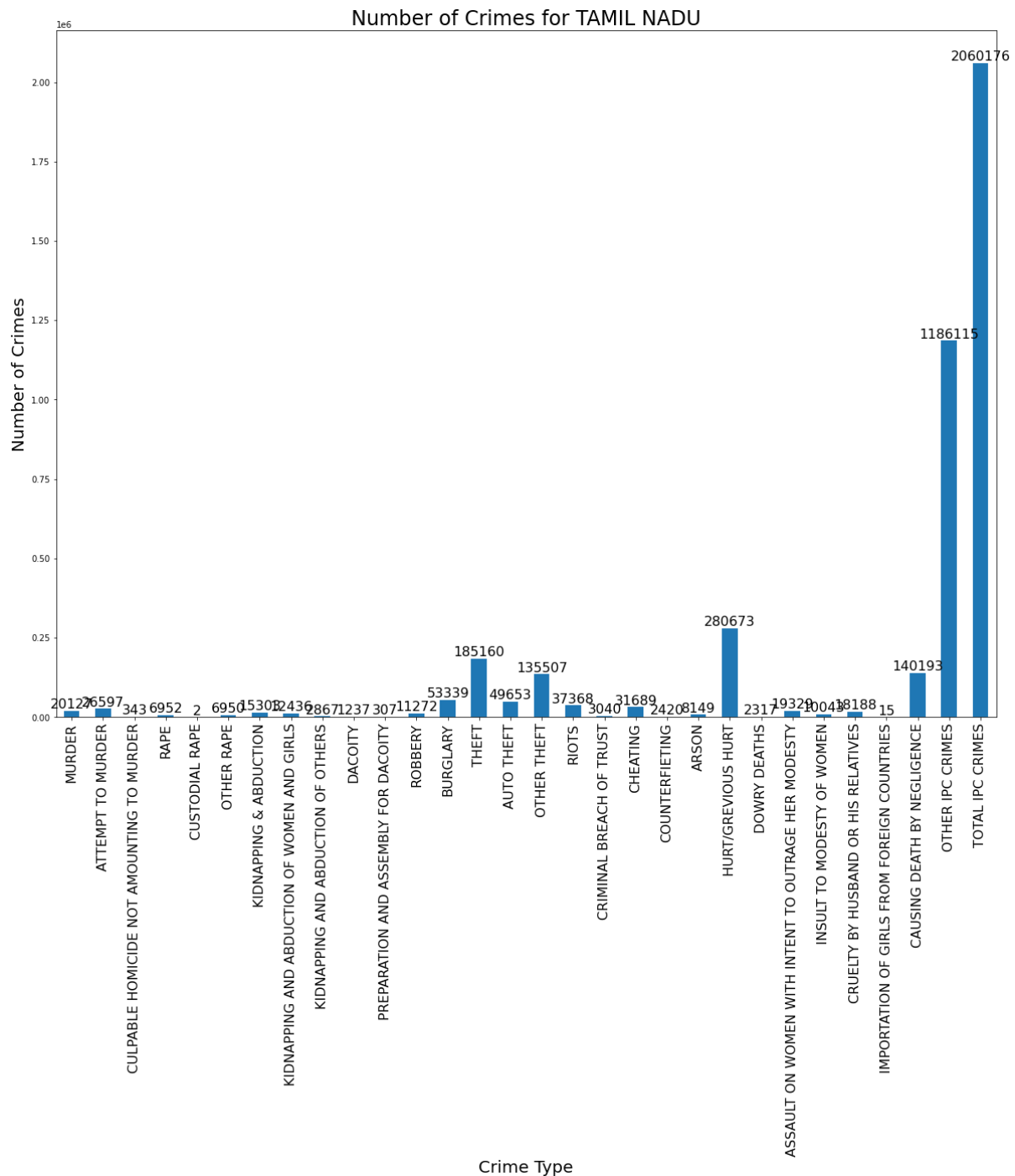
From Above Graph We Observe That In Punjab The 'Burglary', 'Theft', 'Hurt/Greivious Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Cheating', 'Causing Death By Negligence' Are More In This State.



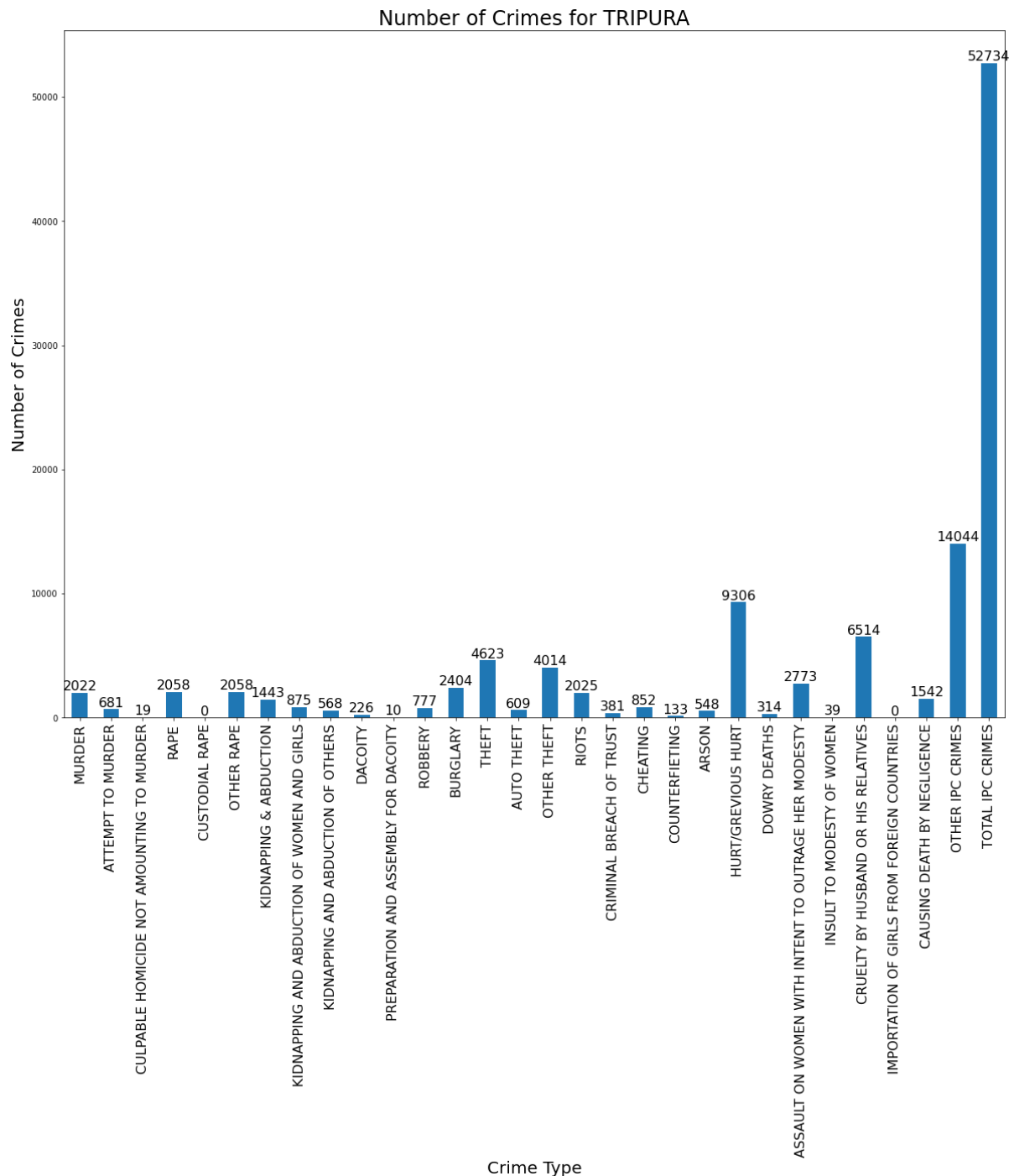
From Above Graph We Observe That In Rajasthan The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Cruelty By Husband Or His Relatives', 'Causing Death By Negligence', 'Cheating', Are More In This State.



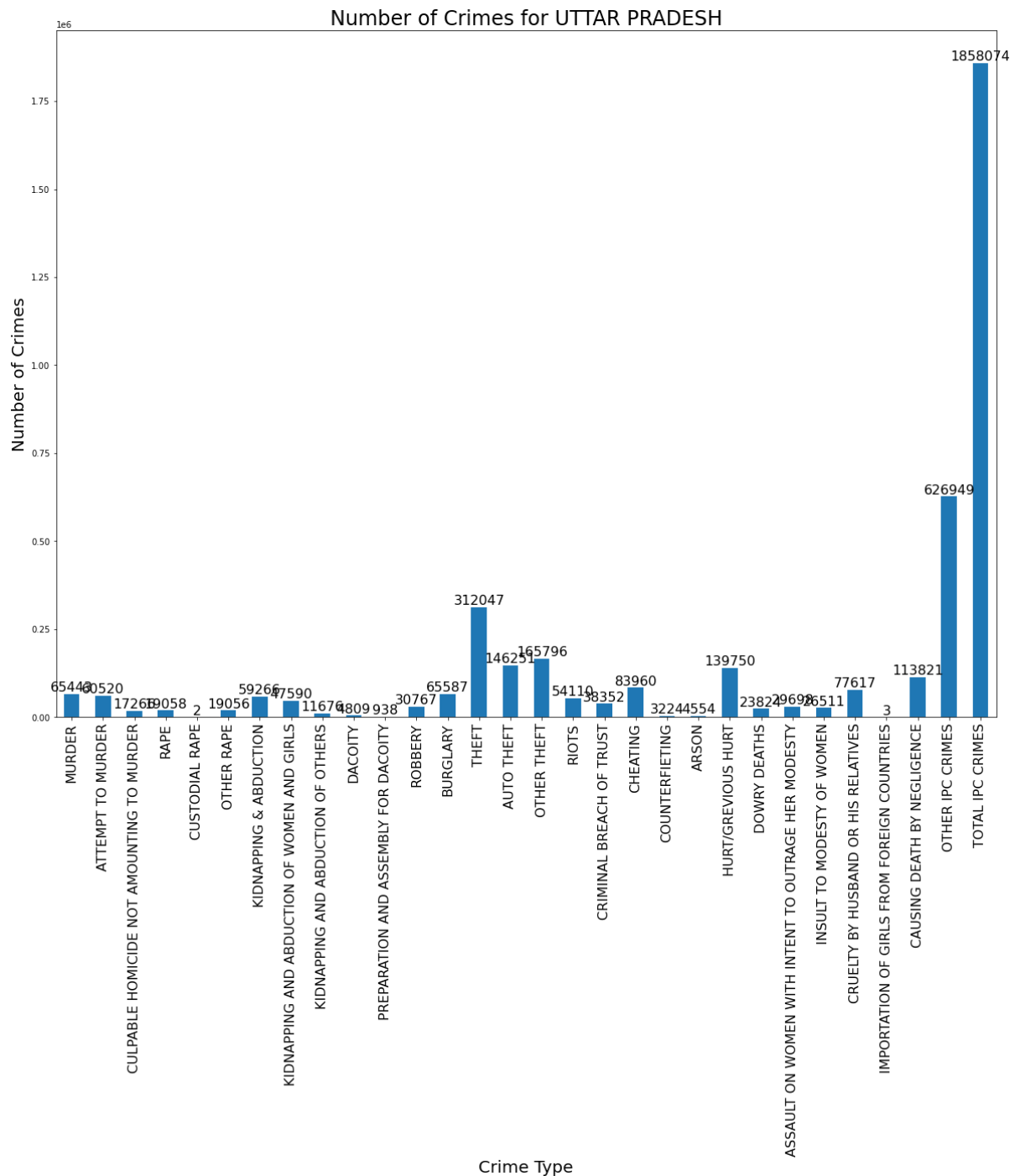
From Above Graph We Observe That In Sikkim The 'Burglary', 'Theft', 'Hurt/Grevious Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes' , , 'Causing Death By Negligence' Are More In This State.



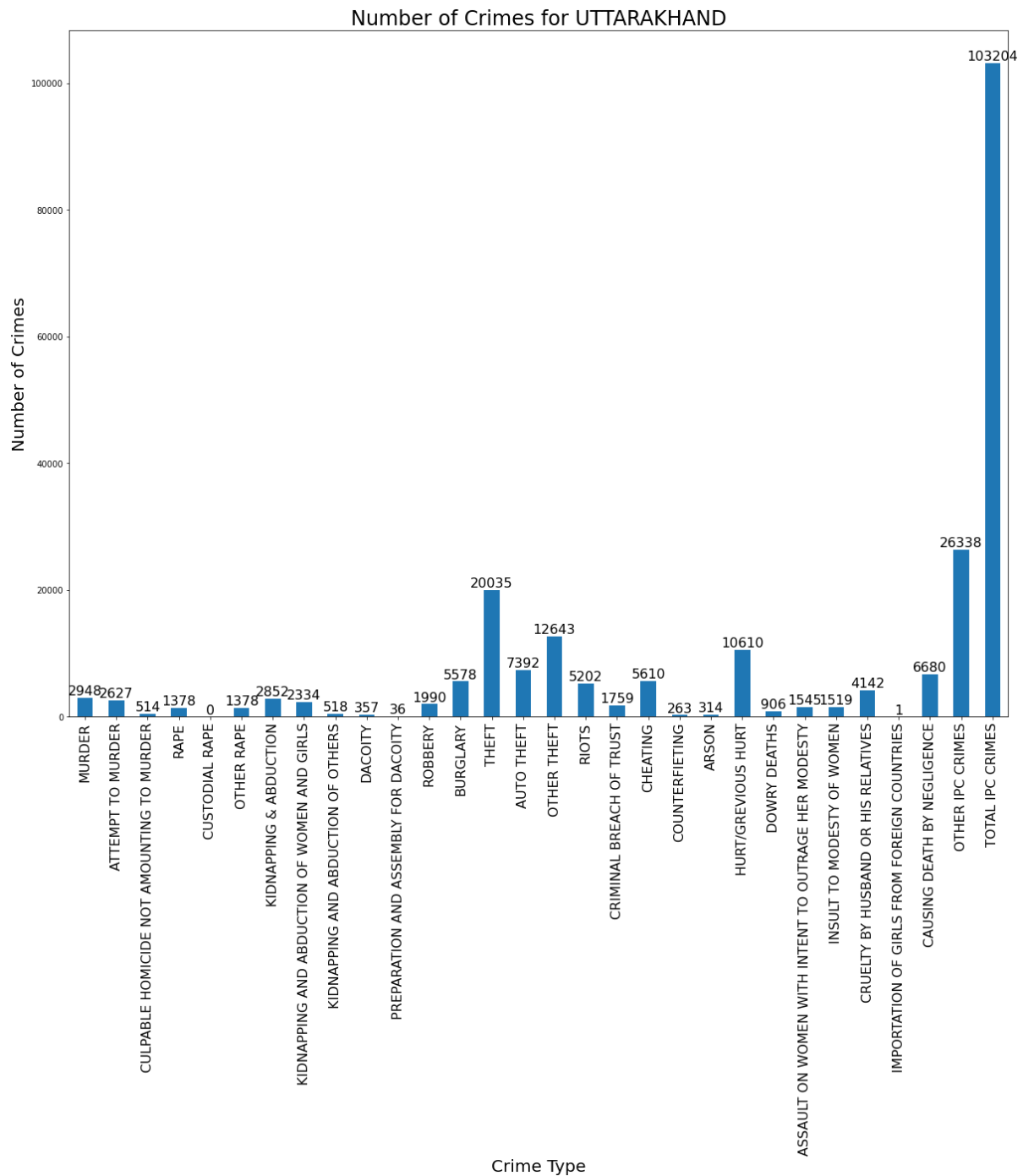
From Above Graph We Observe That In Tamil Nadu The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Causing Death By Negligence' Are More In This State.



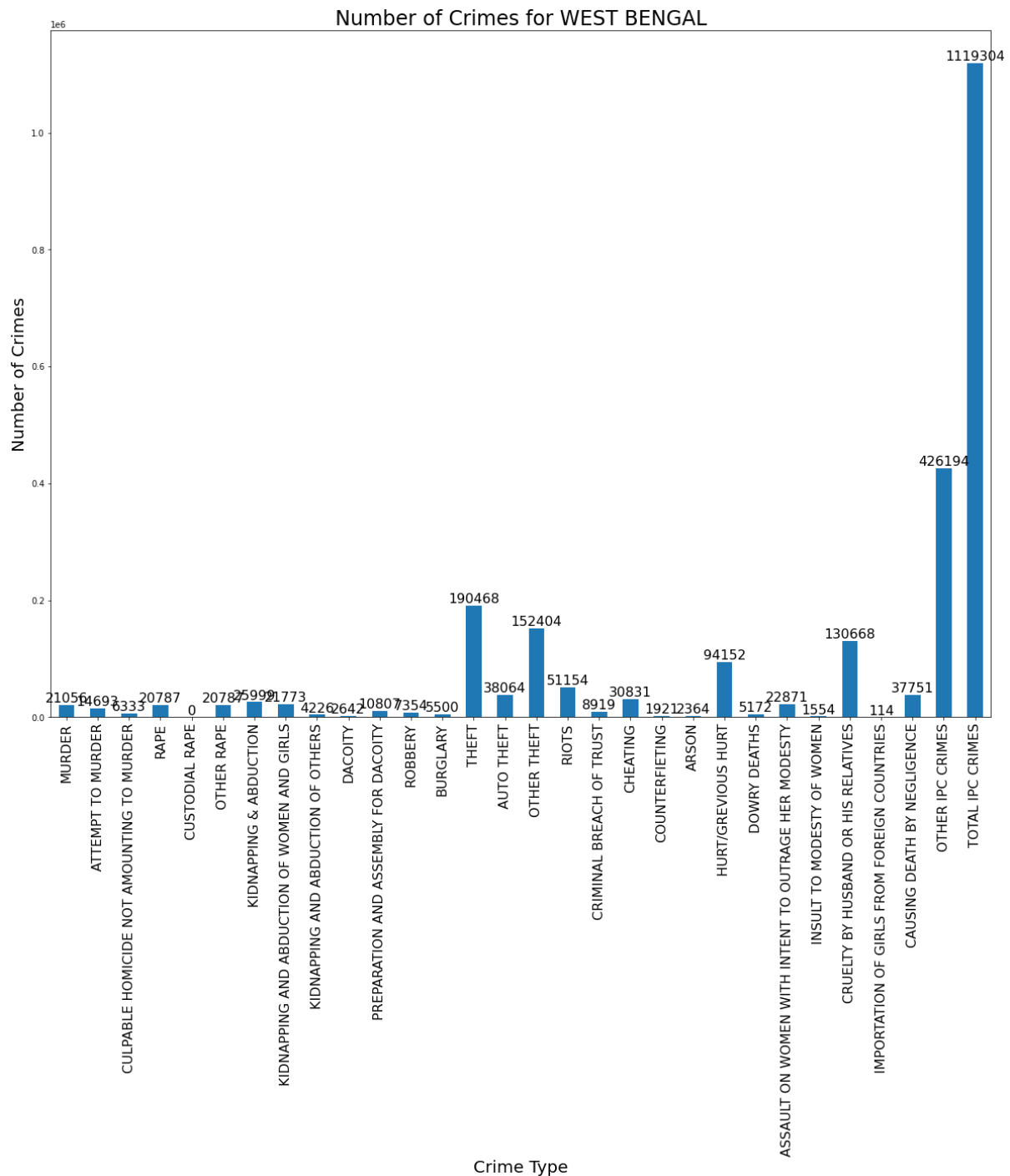
From Above Graph We Observe That In Tripura The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Cruelty By Husband Or His Relatives', 'Causing Death By Negligence', 'Murder', 'Rape' Are More In This State.



From Above Graph We Observe That In Uttar Pradesh The 'Burglary', 'Theft', 'Hurt/Grevious Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Cruelty By Husband Or His Relatives', 'Causing Death By Negligence', 'Cheating', 'Murder', 'Robbery' Are More In This State.

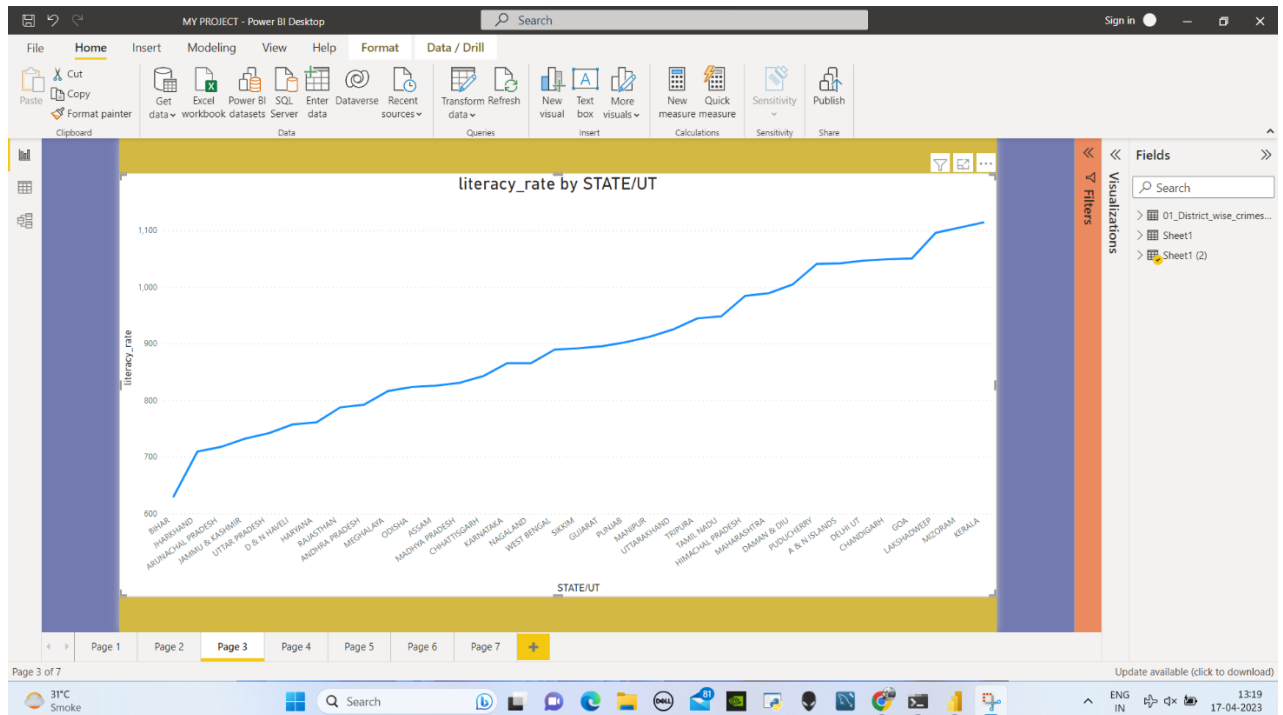


From Above Graph We Observe That In Uttarakhand The 'Burglary', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Cruelty By Husband Or His Relatives', 'Causing Death By Negligence', 'Riots', 'Cheating', 'Murder' Are More In This State.



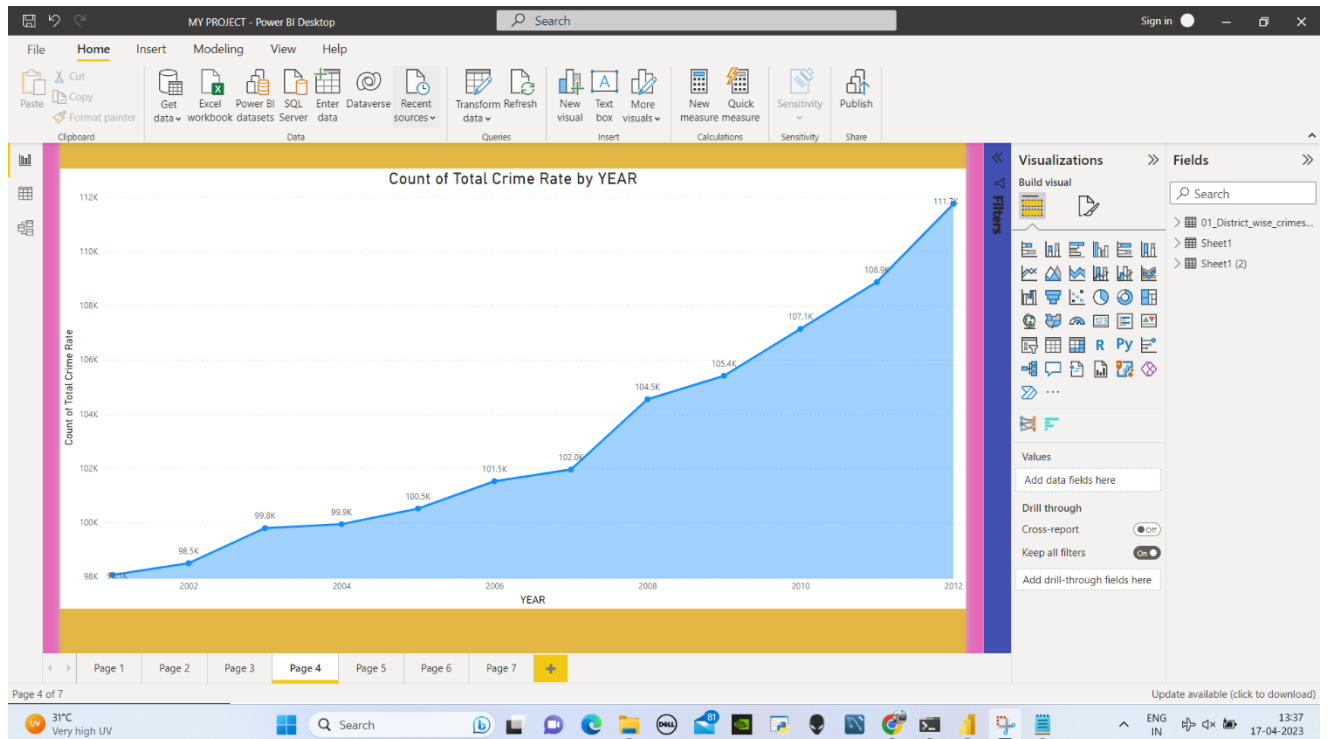
From Above Graph We Observe That In West Bengal The 'Riots', 'Theft', 'Hurt/Greivous Hurt', 'Other Ipc Crimes', 'Total Ipc Crimes', 'Cruelty By Husband Or His Relatives', 'Causing Death By Negligence', 'Cheating' Are More In This State.

2.2 Analysis of the type of crime vs each state vs Literacy rate.



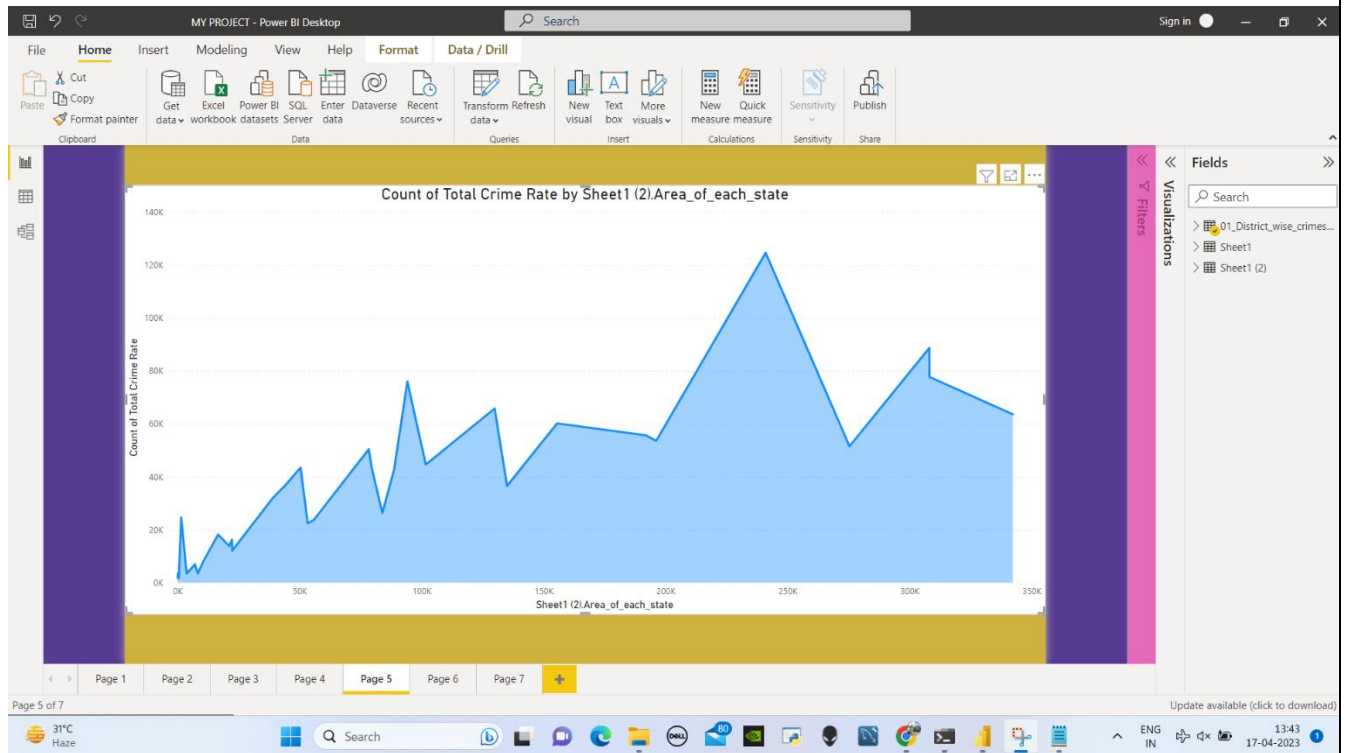
According to the latest census data available, there are significant differences in the literacy rates across various states in India. Bihar, a state in eastern India, has one of the lowest literacy rates in the country, with just over 63% of its population being literate. On the other hand, Kerala, a state in southern India, has consistently topped the charts in terms of literacy rates, with over 96% of its population being literate.

2.3 Analysis of year-on-year total crime rate.



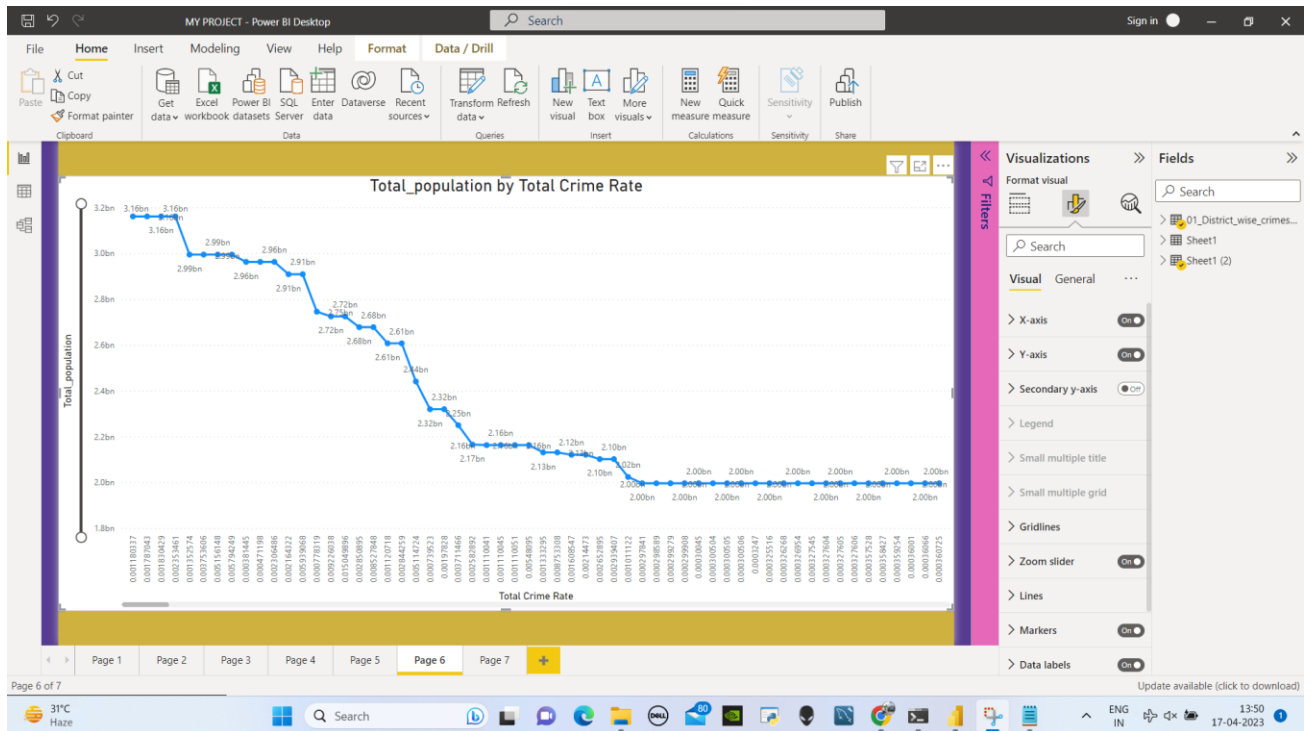
Based on the graph, it is evident that the total crime rate in the year 2002 was relatively low at around 98.5k. However, as time progressed year by year, the total crime rate increased steadily and reached a peak of 111.7k in the year 2012. Furthermore, the total crime rate has continued to increase beyond 2012.

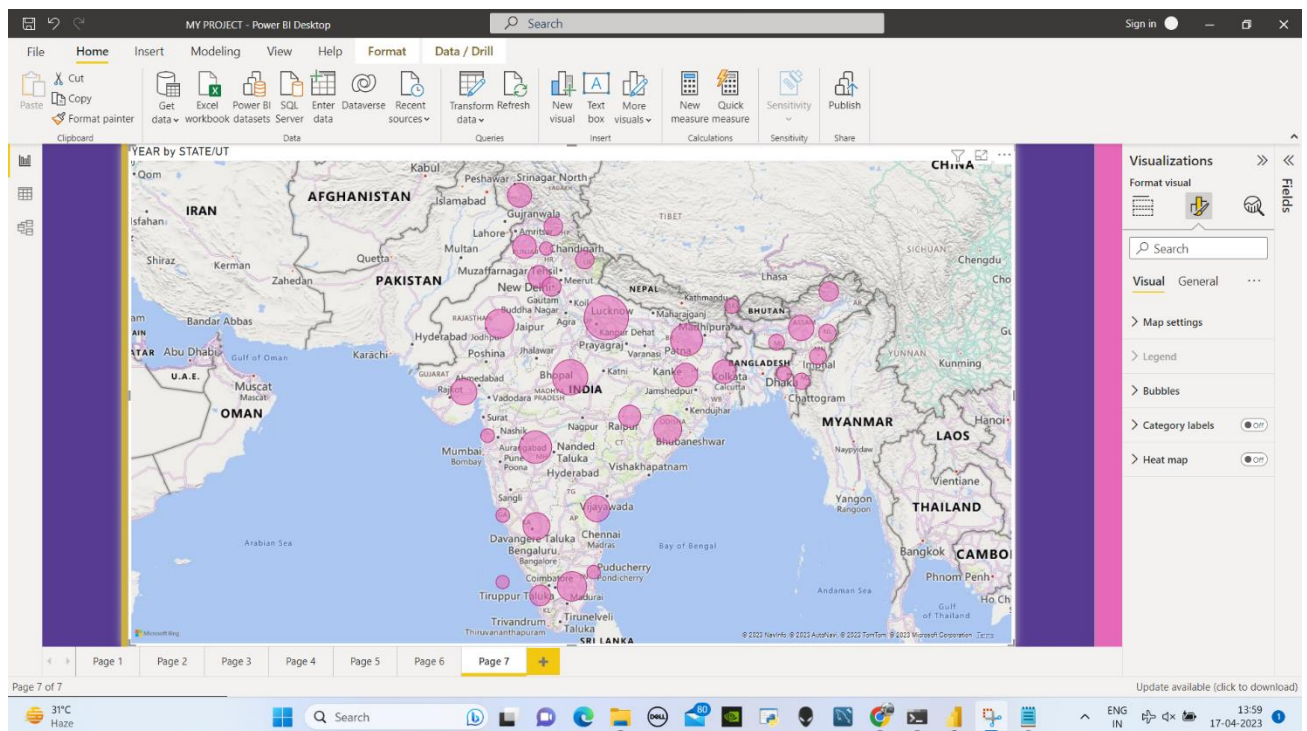
2.4 Analysis of area vs overall crime.



There is a correlation between the area of a state or union territory in India and its crime rate. As the area of a state or union territory increases, the crime rate tends to increase as well. This trend can be observed from an area chart that depicts crime rates over a period of time for different states and union territories.

2.5 Analysis of population vs overall crime.





By examining this map and analyzing the size of the bubbles, we can determine which states have the highest and lowest crime rates. The size of the bubbles on the map indicates the relative magnitude of the crime rate, with smaller bubbles indicating a lower crime rate and larger bubbles indicating a higher crime rate.

This information can be useful in understanding the distribution of crime across different states and identifying areas that may require greater attention and resources for crime prevention and control. However, it is important to note that the size of the bubbles may not always reflect the severity or impact of crime in a given area, and other factors such as population density and socioeconomic conditions may also influence crime rates.