





{Observations}

1. Rising Trend in Rape Cases (2001-2020):

There is a clear upward trend in reported rape cases over the two decades. The number of cases increased from 15,694 in 2001 to a peak of 38,947 in 2016. This trend indicates either an increase in actual incidents, better reporting mechanisms, or increased awareness leading to more reporting.

2. Significant Spike in 2013:

The year 2013 saw a substantial increase in reported rape cases, rising from 24,923 in 2012 to 33,707 in 2013. This spike may be linked to the aftermath of the infamous 2012 Delhi gang rape case, which heightened public awareness and led to changes in laws and reporting procedures.

3. Fluctuations Post-2016:

After reaching a peak in 2016, the number of rape cases showed fluctuations but generally remained lower than the peak. This could be due to various factors, including changes in legal definitions, societal attitudes, or law enforcement practices.

4. Impact of COVID-19 in 2020:

The number of reported rape cases dropped in 2020 to 28,046, which might be influenced by the COVID-19 pandemic. The pandemic led to lockdowns and restricted movement, potentially affecting both the incidence of such crimes and the reporting of them.

5. Regional Disparities:

While the overall trend provides a national picture, regional disparities in the incidence of crimes against women are likely significant. Different states may show varying trends depending on local factors like law enforcement effectiveness, societal norms, and economic conditions.

6. Crime Categories:

Besides rape, the dataset includes other categories such as kidnapping and abduction (K&A), dowry deaths (DD), assault on women, domestic violence (DV), and women trafficking (WT). Analyzing these in conjunction with rape cases could offer a more comprehensive view of the safety of women over time.

7. Consistency in Reporting:

The data seems consistent across the years, allowing for a reliable analysis of trends. However, without understanding the underlying reasons for fluctuations, interpretations should be made cautiously.