



PRAKRIYA 2022

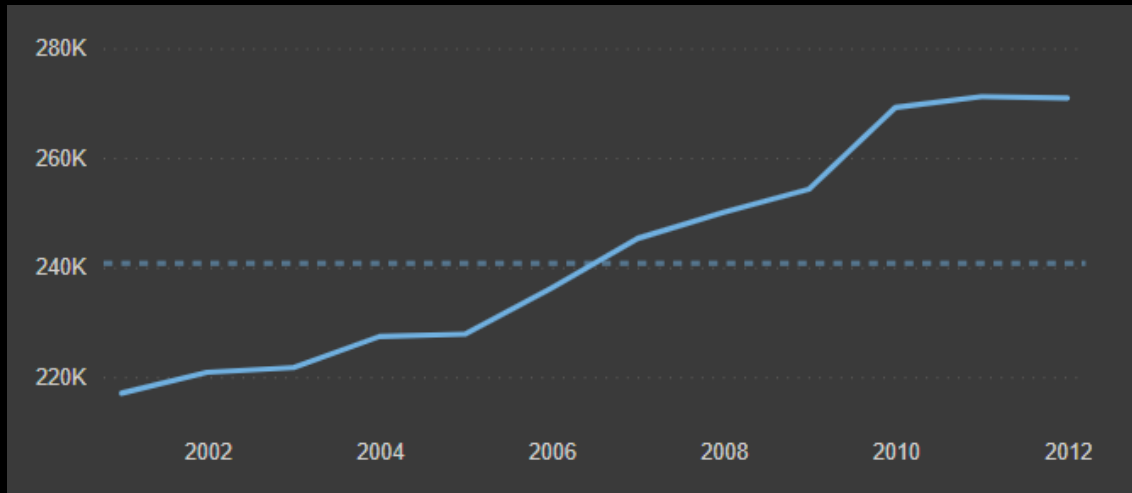
DATATHON

TEAM EXTRACTORS

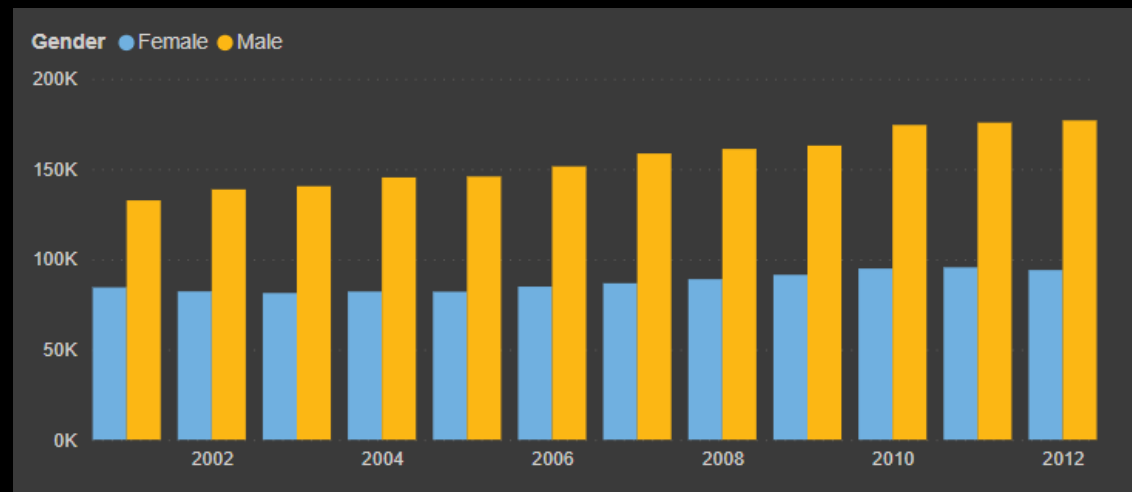
Team Members:

- Paras Chaudhary
- Archie Girdhar

Suicides In India

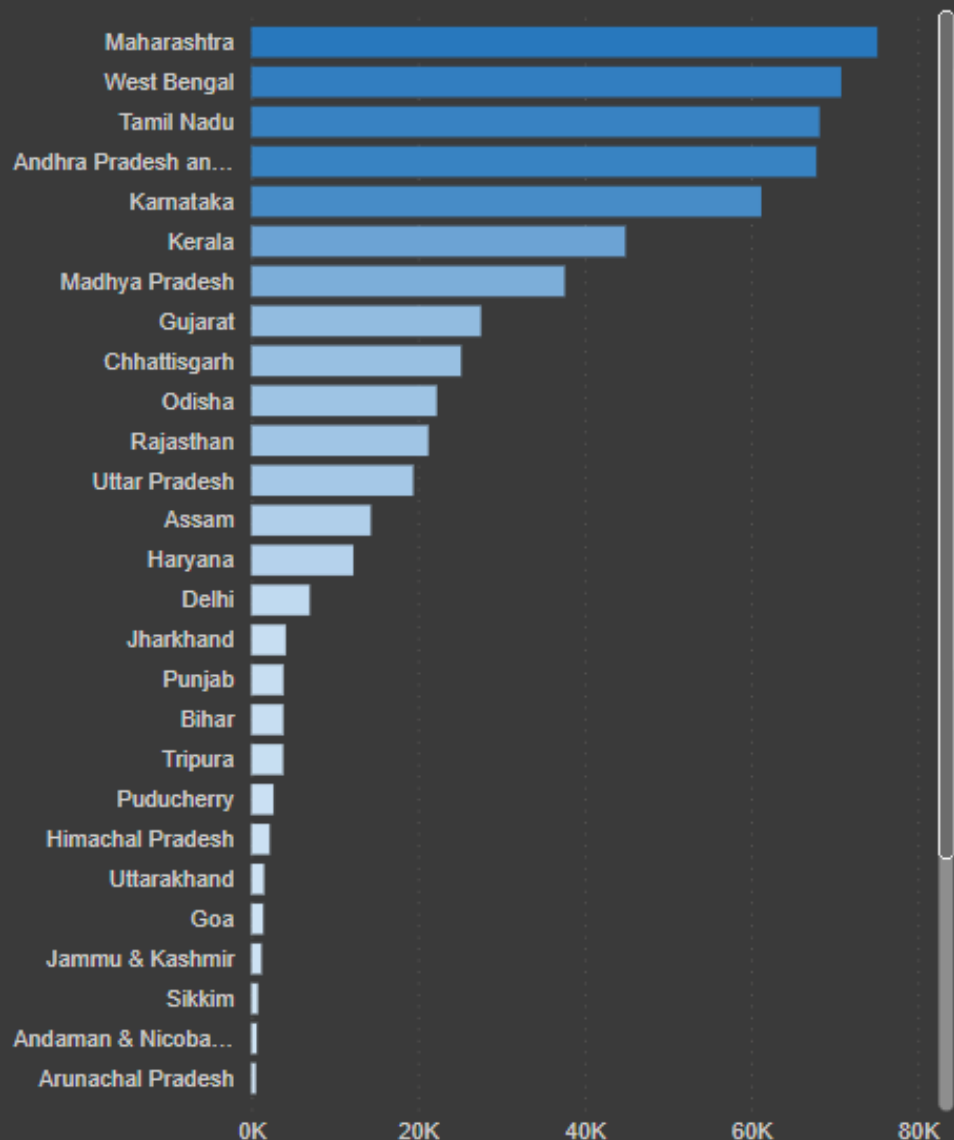


- Between the years of 2001 and 2012, an average of **2.42 Lakh** people committed suicide **every year**.

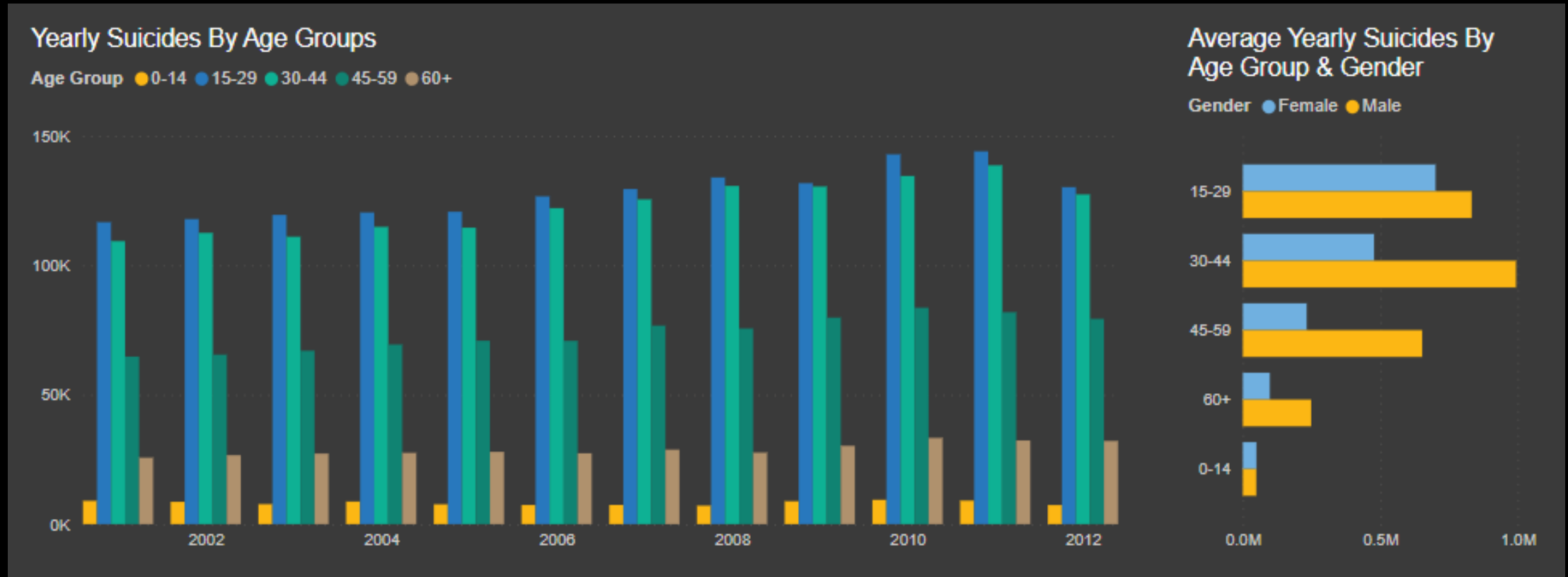


- The Male to Female ratio of the suicides committed was approximately **3:2**, making people of the **Male sex more prone to suicides**.

Average Yearly Suicides By State/UT

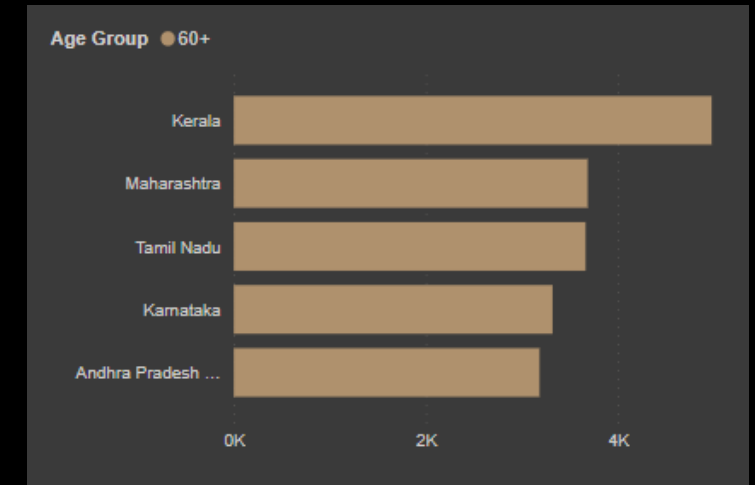
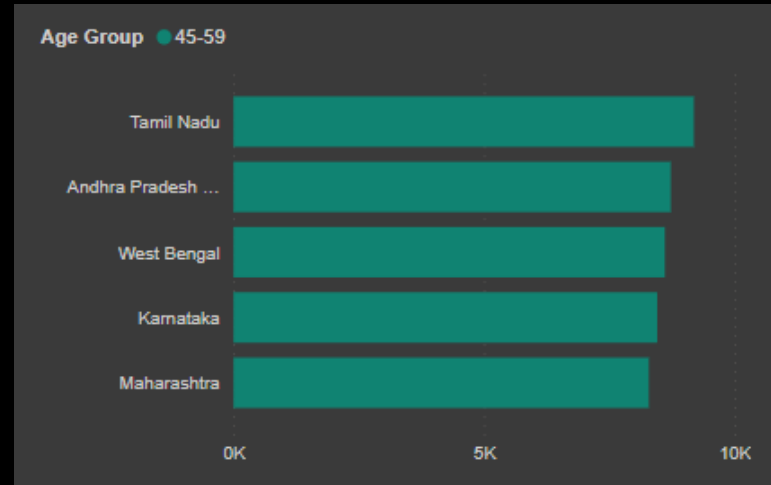
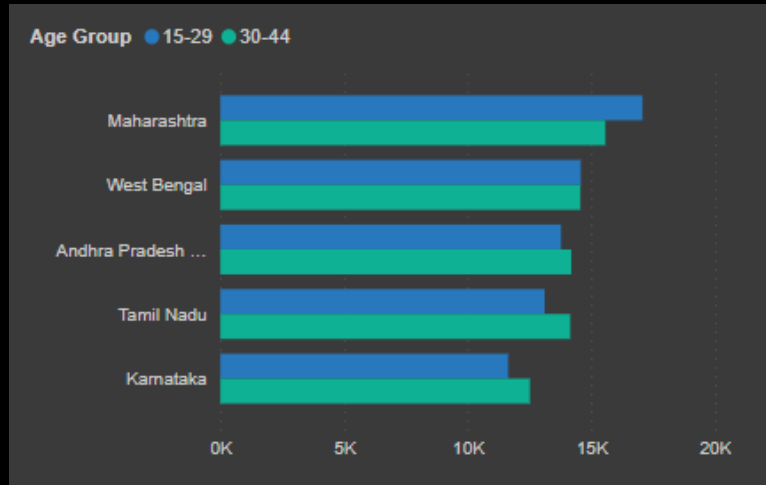


- Highest yearly average of the number of suicides committed between 2001 and 2012 was observed in states like:
 - Maharashtra (75,000 approx.)
 - West Bengal (71,000 approx.)
 - Tamil Nadu (68,000 approx.)etc.
- These states contain **major metropolitan cities** like Mumbai, Kolkata, Chennai, etc which report high number of suicides every year.
- Some of these states also have **farming** as the majorly followed profession, which has been linked to a high suicide rate in India.
- It is imperative to note that these numbers only communicate the total number of suicides committed and in no way indicate the suicide to population ratio (ratio indicating the number of suicides committed in each state for a certain number of population).



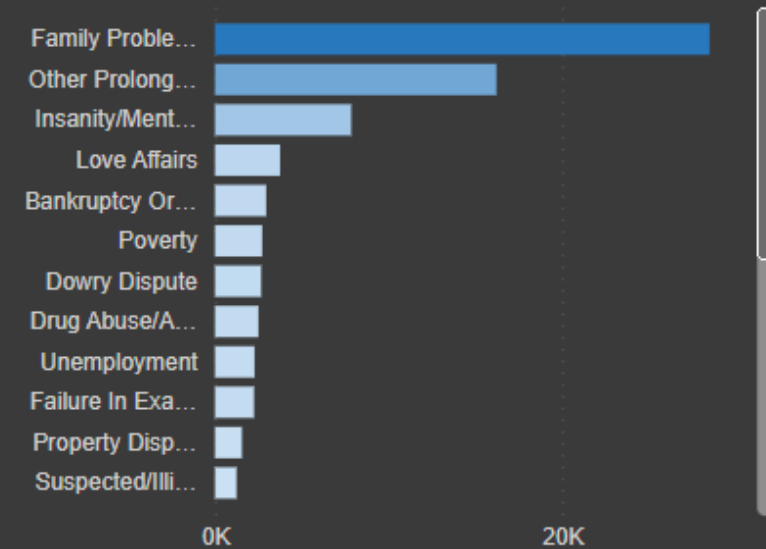
- Every year, most suicides were reported in the age groups of **15-29** and **30-44**. These especially peaked after the global financial crisis of 2007-2008, which while did not impact India's economy as adversely as it did others, it still reduced India's industrial growth and GDP, thus increasing the feelings of uncertainty in the working class.
- Not much difference was observed in the number of suicides committed by males and females in the age group of 15-29, whereas the number of suicides committed by males in the age group of 30-44 was nearly double of that of females. Similar pattern was observed in 60+ age group, but the ratio remained nearly 1:1 in 0-14 age group.

State-wise Analysis of Average Yearly Suicides for Some Age Groups

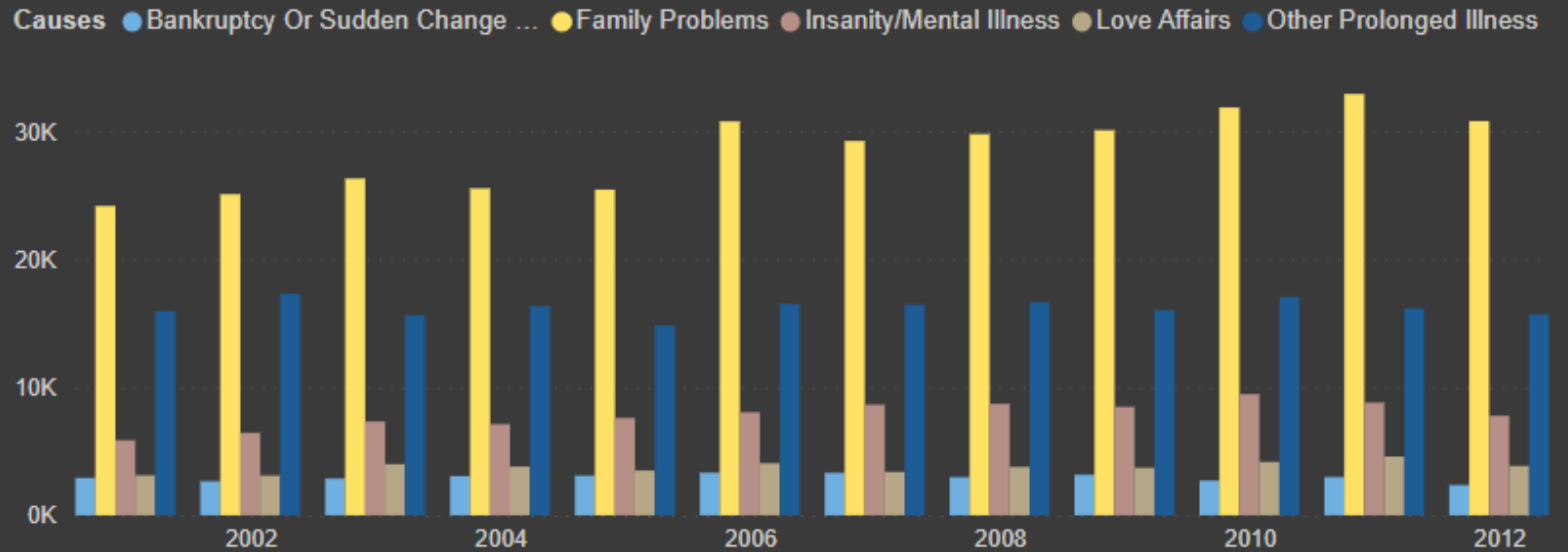


- Although suicide rates were commonly highest among older adult males, rates among young people have been increasing. Young adults are a particularly vulnerable group and currently show the highest rates of suicide the world over.
- Suicide is responsible for 6% of all deaths among young people.
- An Indian study showed that the suicide rate was highest in the 15-29 years age group (38 per 100,000 population) followed by the 30-44 years group (34 per 100,000 population).
- The rates of suicide was 18 per 100,000 in those aged 45-59 years and 7 per 100,000 in those aged >60 years.
- Among young people, suicidal behavior was found to be associated with female gender, independent decision making, premarital sex, physical abuse at home, lifetime experience of sexual abuse, and probable common mental disorders.

Average Yearly Suicides By Recorded Causes

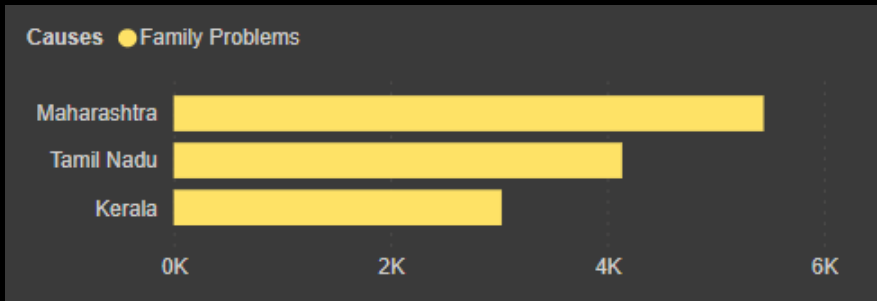


Yearly Comparison of Causes with Most Suicides

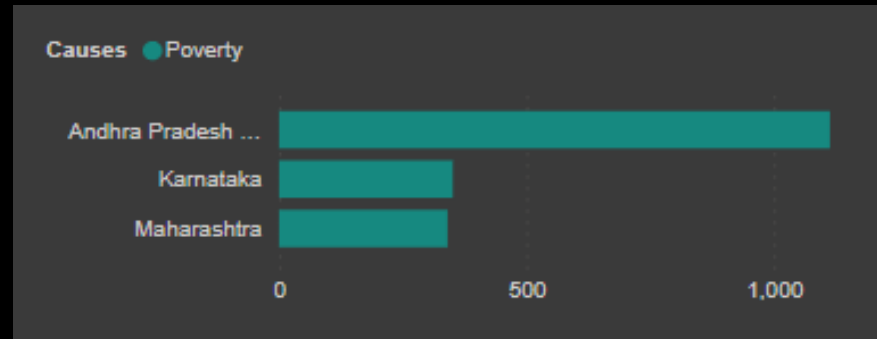


- According to NCRB reports, In India, the top 10 causes or correlates of suicide were family problems (23.7%), illness (21%) [including insanity/mental illness (6.7%)], unemployment (1.9%), love affairs (2.9%), drug abuse/addiction (2.3%), failure in examination (1.6%), bankruptcy or sudden change in economic status (2.5%), poverty (2.3%), and dowry dispute (2.3%).
- Many of the remaining causes [like, suspected/illicit relation, cancellation/nonsettlement of marriage, dowry dispute, divorce, etc] reflect the unique social structure of our society and the social pressures that individuals face.
- The number of suicides due to mental illness, gradually increased from 2001-2012, went through a sudden considerable increase in 2010. Whereas, the suicides due to other causes trend continued to be same over the 12 years.

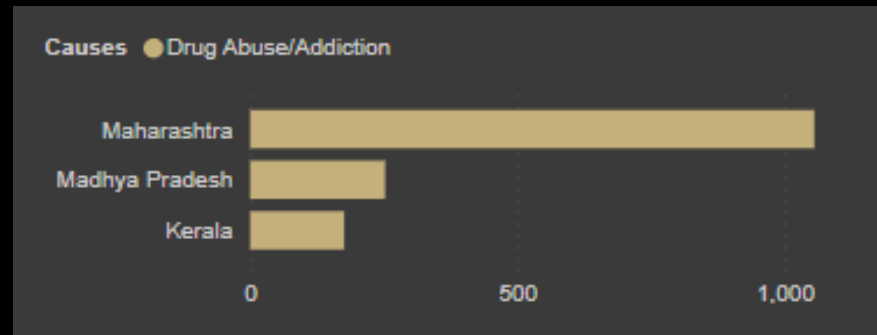
State-wise Analysis of Average Yearly Suicides For Some Causes



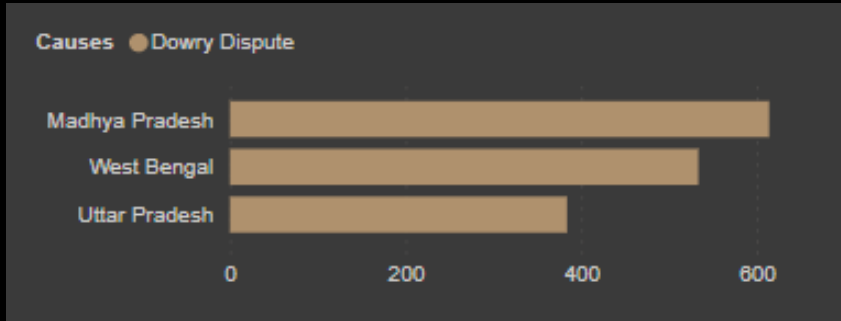
- Most common suicide related family problems observed were money disputes, different expectations, communication issues which according to National Crime Records Bureau (NCRB) were most reported in metropolitan cities like Mumbai, Chennai, Kochi, and UTs like Delhi, leading to an increase in the overall number of suicides observed in States like Maharashtra, Tamil Nadu and Kerala.



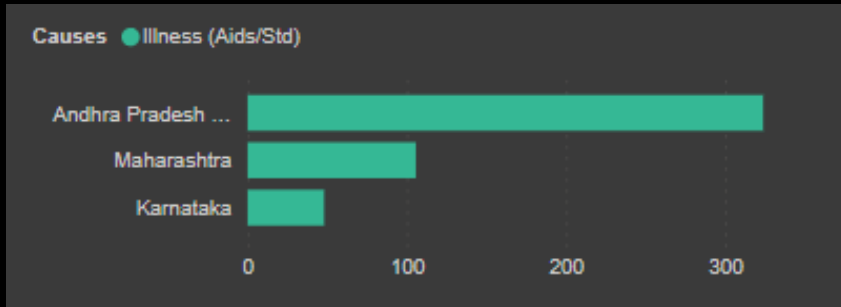
- India faces about 30 suicides per day because of poverty and unemployment, which are most prevalent in States like Andhra Pradesh (& Telangana), Karnataka and Maharashtra.



- According to NCRB reports, Maharashtra and Kerala account for more than 43% of drugs cases. This indicates the existence of huge drug markets in States like Maharashtra, Kerala and Madhya Pradesh, which have led to uncontrolled drug abuse problems among the people.

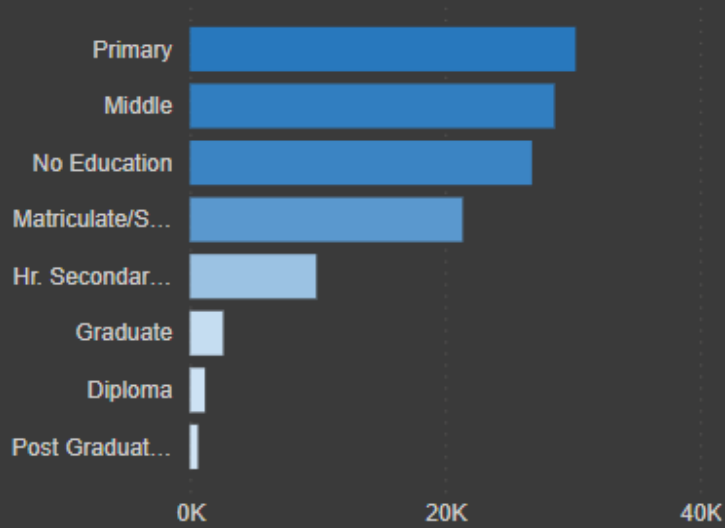


- According to reports released by NCRB, 20 women are killed or commit suicide daily as a result of harassment over a dowry, the cases of which are most prevalent in Madhya Pradesh, West Bengal and Uttar Pradesh

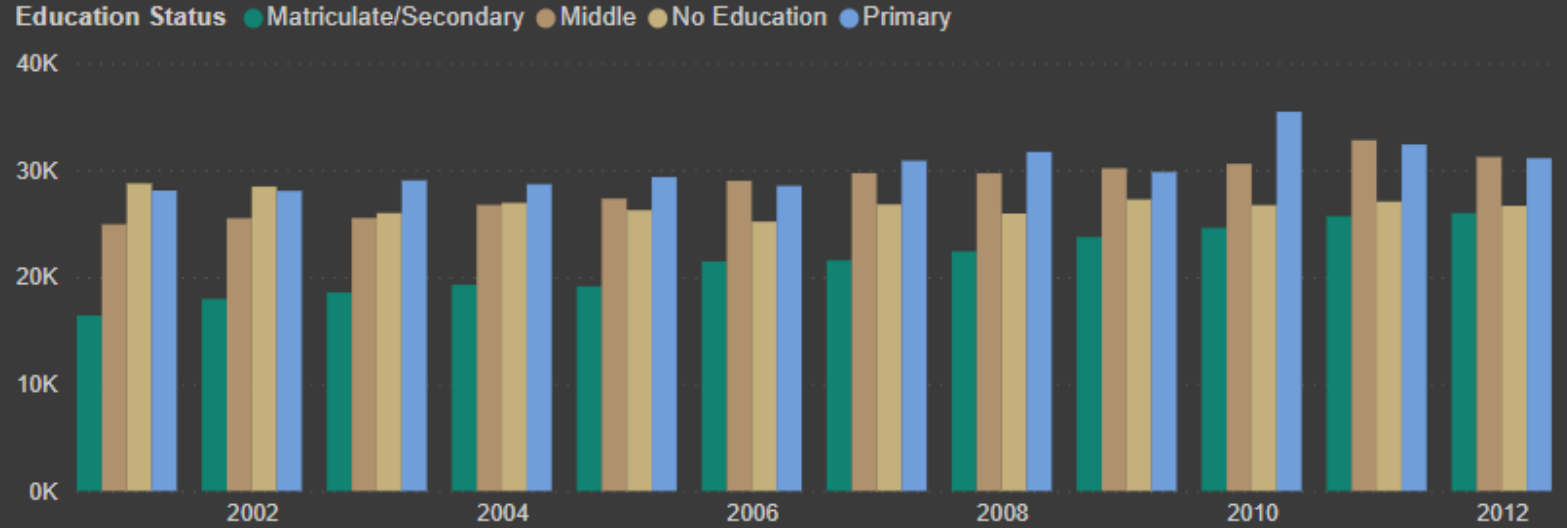


- According to psychiatrists, a person suffering from illness like AIDs or any other STD is much more inclined to feel ashamed, guilty, hostile and depressed, which increases the possibility of a person committing suicide. States like Andhra Pradesh (& Telangana), Maharashtra and Karnataka have high number of AIDS and other STD cases, thus having higher rates of suicides.

Average Yearly Suicides By Education Status

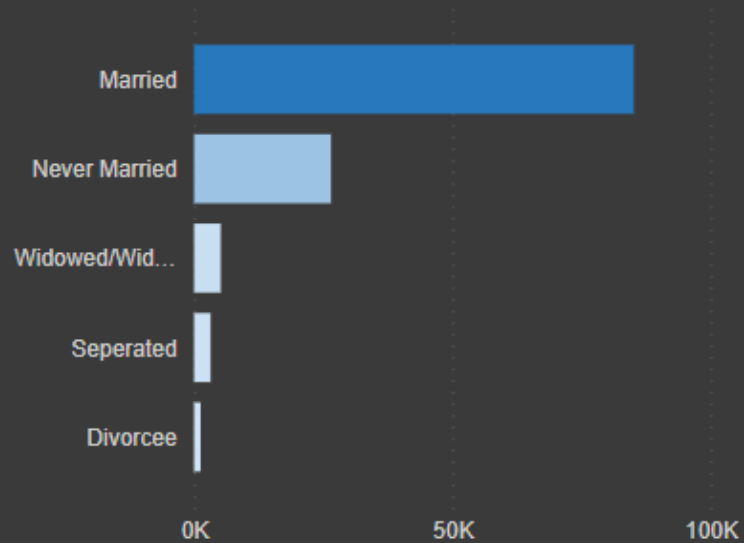


Yearly Comparison for Education Statuses with Most Suicides

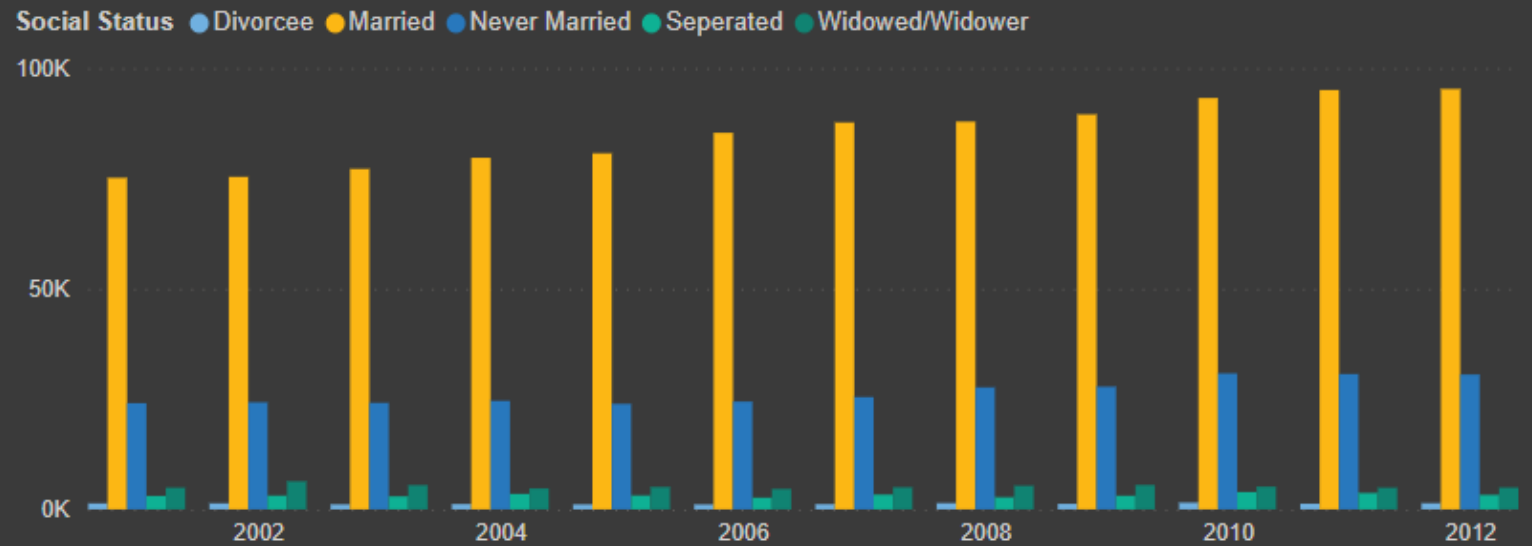


- People having no education or highest education being Primary, Middle or Secondary Schools were reported to have much higher suicide rates as compared to people who pursued higher education like Graduation, Diploma, Post-Graduation or more.
- This trend remained consistent over the years with the number of suicides for people having Primary level education peaking in the year 2010.
- Thus, it can be inferred that people who pursue higher education are much less prone to commit suicide in their lives.

Average Yearly Suicides By Social Status

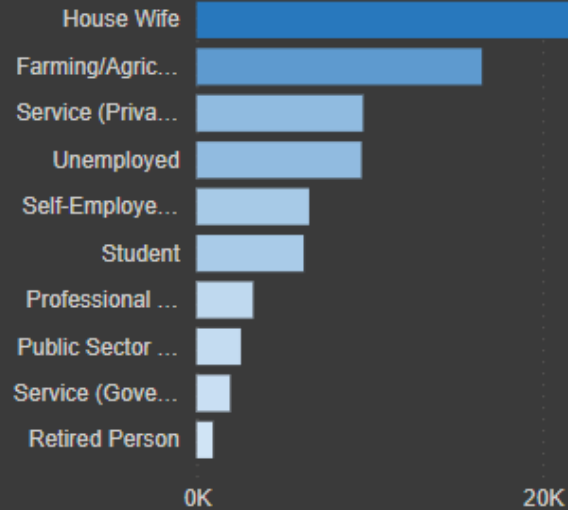


Yearly Comparison of Suicides wrt Social Status

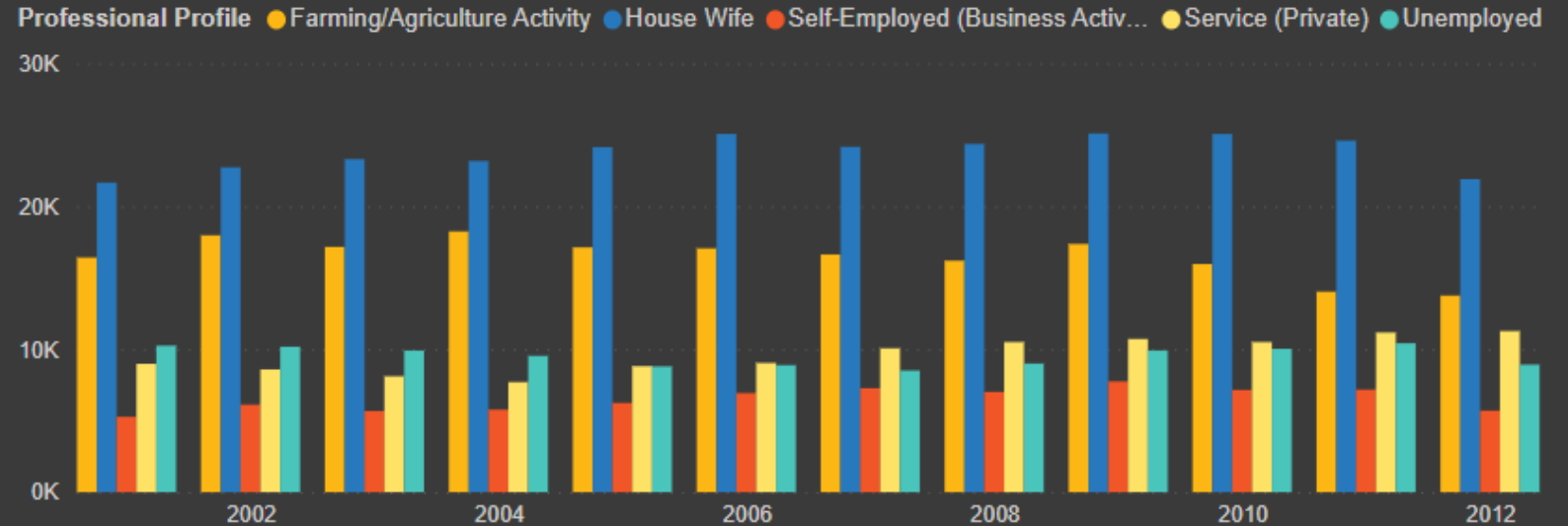


- Suicides among married people are quite high. Suicide rate is quite high among housewives as the professional status suicides depicted.
- The ratio of suicides committed by married to unmarried people is 5:2 nearly. This ratio continued till 2012, as the number of suicides increased yearly.

Average Yearly Suicides By Professional Profile



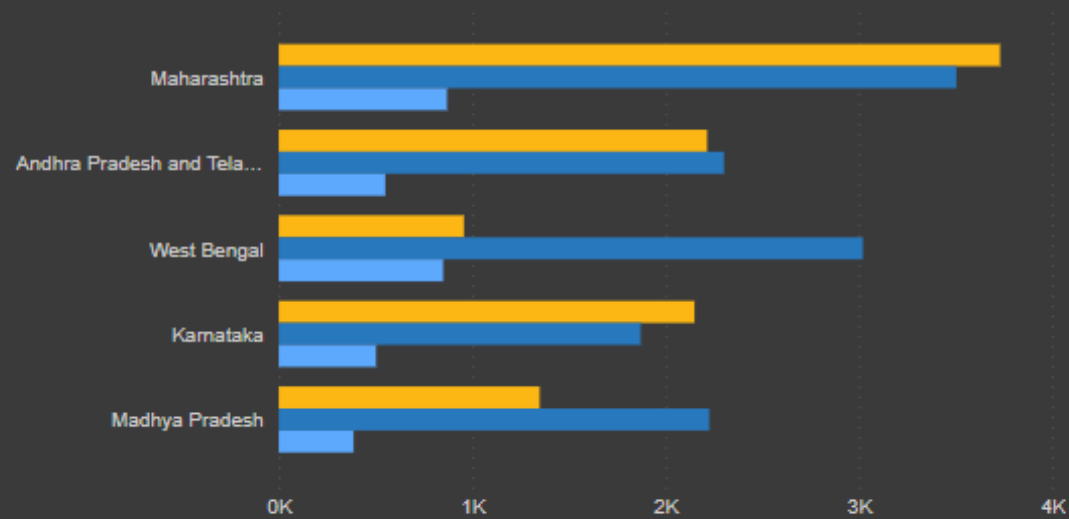
Yearly Comparison for Professional Profiles with Most Suicides



- Suicides among the Farmers and Housewives are quite high.
- Top 5 states where highest number of suicides were committed by farmers are Madhya Pradesh , Maharashtra , Andhra Pradesh , Karnataka and Chhattisgarh.
- Madhya Pradesh faced an acute DAP fertilizer crisis with all the 3,400 cooperative societies across the state running out of stock, leading a huge number of farmers to commit suicide.

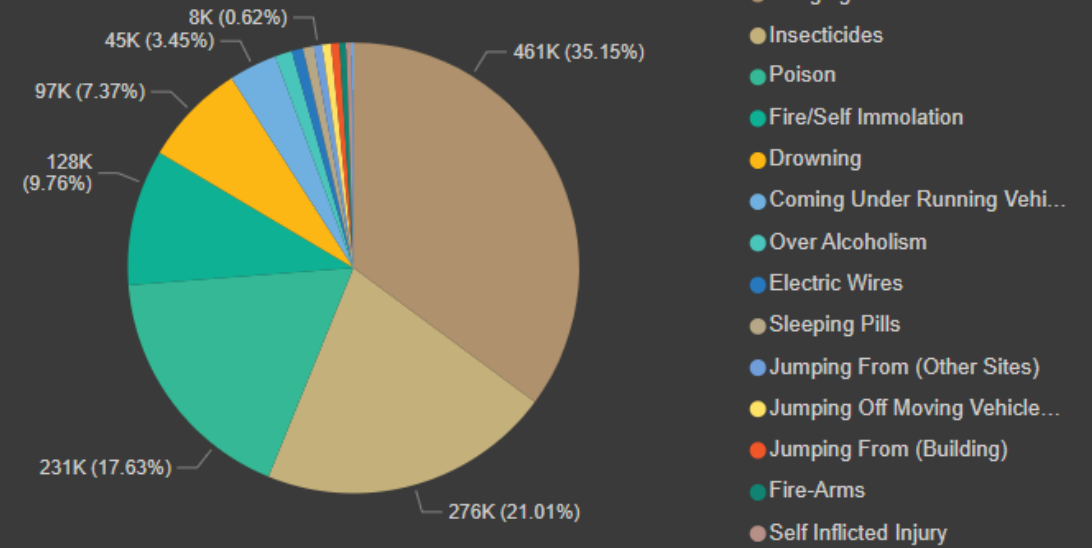
Analysis of Some Professional Profiles with Topmost States

Professional Profile ● Farming/Agriculture Activity ● House Wife ● Student



Suicides by Means Adopted

Means Adopted



~Thank You~