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## Increasing prevalence of patients with Schizophrenia in India

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**PURPOSE:** To estimate the prevalence of schizophrenia with its correlation to age and gender specificity in the Indian population from 2008 to 2017 as significant development and industrialization in India may have affected the mental health of people.

**METHODS:** The data sources were identified from GBD 2017 and various literature sources for the prevalence of schizophrenia in India. We calculated the prevalence rates between 2008 and 2017 based on age and gender specificity. The level of significance was estimated by ANOVA, followed by a Tukey HSD test.

**RESULTS:** The cases of schizophrenia have significantly increased to almost 19% between 2008 (2.91 million) and 2017 (3.46 million). Prevalence rates of genders and age groups were found to have a significant level of ( $P = 0.002$ ) and ( $P = <0.0001$ ), whereas the total variance was 96.38 %, and 99.87 % respectively. The overall prevalence was found to be higher among males and between the age groups of 25 and 49.

**CONCLUSION:** The prevalence of schizophrenia in India has gradually increased over the years. This analysis could further provide a proper assessment of the healthcare system in India and support future hypothesis-driven research.

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