

## **An Investigation into the Levels of Human Development, Contraceptives' Usage and Maternal Health in Indian States**

**Authors :** Divyanshi Singh

**Abstract :** Women's right to have choices, sense of self-worth and their right to have access to opportunities have been a subject of serious concern. The health of women and their children in Indian society is adversely affected by the woman's inferior status within households. The level of human development in society is a reflection of the better status of a woman, which has a clear impact on the usage of contraceptive methods and maternal health. The study is an attempt to assess the performance of Indian states on the parameters of levels of development and to see how the developmental trajectory is influencing the choice for contraception and maternal health. The objective of the paper is to study the relationship between usage of contraception, maternal health and levels of human development in Indian states. Data from NFHS-4th round, AHS (2012-13) and census 2011 is used. Three indicators of human development (effective literacy, infant mortality and gross district domestic product) have been taken. Maternal health for the study has been measured in MMR, IMR and pregnancy resulted in abortions, stillbirths and miscarriage. The multiple regression analysis has been done to analyze the relationship between them. The Developmental factor is found to be greatly influencing the choice of family planning and thus they both show strong relation with maternal health.

**Keywords :** human development, contraceptive usage, maternal health, effective literacy

**Conference Title :** ICFPPGD 2022 : International Conference on Family Planning, Population Growth and Development

**Conference Location :** Athens, Greece

**Conference Dates :** October 13-14, 2022