



MATERNAL AGE INFLUENCING SEMA-NATAL MORTALITY IN SOUTH GUJARAT

Dr. Umeshkumar Babubhai Rana

Associate Professor in Statistics

M.K.College of Commerce, Bharuch

umeshrana17@gmail.com, (R) 02642 - 225430 (M) 9428027629

ABSTRACT:-

In this research paper, an attempt has been made to examine the crude impact of the Maternal Age on sema - natal mortality. For this study, data is collected from the case card records of mother's registered for delivery, during the period 2011-14 in south Gujarat hospitals, (India). From this case card information, 497 cases were found to have death within seven days of their birth.

INTRODUCTION:-

A human life is more precious in many ways and here a birth is all the more precious because its sustenance leads to the progress of humanity. In this circumstances, it is important to take every care to see that the mortality rate particularly amongst children goes down considerably. Therefore, it is advisable to have healthy children in few number rather than having ill-nourished and undernourished children in large numbers.

In the study, sema-natal mortality is assumed to have the impact of the Maternal Age.

Mothers included in this study are divided into four groups: (1) Less than 25 years (2) 25-29 years (3) 30-34years (4) > or equal to 35.

RESULTS AND DISCUSSION:-

The Cov.of Sema-natal death on maternal age is obtained as follows.

DEVIATIONS FROM AVERAGE SEMA-NATAL MORTALITY BY
MATERNAL AGE

Maternal Age	Y	Mean	SE	SD	VAR	Coefficient of Variance
< 25	337	21.37	0.08	1.59	2.54	7.46
25-29	108	26.37	0.13	1.37	1.84	5.22
30-34	44	30.81	0.17	1.18	1.40	3.85
≥ 35	08	35.62	0.32	0.91	0.83	2.57

It is clear from the coefficient of variance shown in table that the babies whose mothers are of age less than 25 year have higher risk of dying than the average.

CONCLUSION:-

- From the above discussion it is very clear that Maternal age is the important factor in influencing sema-natal Mortality.
- Maternal age affects sema-natal mortality through other variables such as maternal condition and gravida which are closed links with the age of the mother.
- The kind of society in which the mother lives, her surroundings, the way she is treated in the family, and the kind of nutritious food she is given also affects the sema-natal Mortality.

SUGGESTIONS:-

- Improve the gross nutritional deficiencies.
- Providing effective pre-natal care.
- Enforce small family size norms by way of effective family planning
- Government needs to intensify its programmes and need to create awareness among rural poor women by various ads and hoarding.
- The gap between two children is also an important thing to observe.

REFERENCES:-

1. Agrawal S.N.(1962): “Attitude towards family planning in India”.
2. GandotraM.M , Das N and Bhatt R.V (1974) : “Factors influencing Sema natal mortality in indian community” monograph series no.25 Demographic Research Centre , Baroda.
3. K.S.Shah (1982) : “Some statistical aspect of Demographic study of anand town”.
4. Shah.K.S (1995) : Population Explosion: (A different view) Sublime publication Jaipur.