Effect of Socio-economic and demographic factors On fertility behaviour of yadav community

(A Case Study of Sanhaitha VDC of Siraha District)

# By

ram narayan Yadav

Dissertation Submitted to

**Central Department of Population Studies**

**Faculty of Humanities and Social Sciences**

**in Partial Fulfillment of the Master's Degree of Arts**

**in Population Studies**

Tribhuvan University

Kirtipur, Kathmandu, Nepal

MArch 2006

**Tribhuvan University**

**Central Department of Population (CDPS)**

**Kirtipur, Kathmandu, Nepal**

# Recommendation Letter

 This is to certify that Mr. Ram Narayan Yadav has completed the dissertation entitled Effect of Socio-economic and Demographic Factors on Fertility Behaviour of Yadav Community: A Case Study of Sanhaitha VDC of Siraha District, under my supervision and guidance. To the best of my knowledge, this study is based on his own labour, which brings out useful information on the roles of socio-economic and demographic factors to change the fertility.

 I, therefore, recommend it for final evaluation and approval to the dissertation committee.

March, 2006

…………………….

Mr. Yogedra Bahadur Gurung

(Supervisor)

Lecturer

Central Department of Population Studies (CDPS)

**Tribhuvan University**

**Central Department of Population (CDPS)**

**Kirtipur, Kathmandu, Nepal**

approval Sheet

 This dissertation entitled Effect of Socio-economic and Demographic Factors on Fertility Behaviour of Yadav community: A Case Study of Sanhaitha VDC of Siraha District, prepared by Mr. Ram Narayan Yadav has been accepted as partial fulfillment of the requirement for the Degree of Master of Arts in Population Studies.

###### Approved by

……………………

Dr. Bal Kumar K.C.

(Professor and Head)

…………………..

Mr. Laxman Singh Kunwar

(External Examiner)

…………………….

Mr. Yogendra Bahadur Gurung

(Supervisor)

Acknowledgements

 I am very much grateful to my honourbale teacher and supervisor Mr. Yogendra Bahadur Gurung, Lecturer, Central Department of Population Studies, T.U. for his generous cooperation and continuous support from the beginning to the end of present study. This study has been completed under his able guidance and inspirational supervision.

 I would like to express my sincere gratitude to Prof. Dr. Bal Kumar K.C., the Head, Central Department of Population Studies, T.U. for providing me encouragement to do present study and plays great role as a parents.

 Similarly, my heartfelt gratitude goes to my respected Lecturer as well as external examiner Mr. Laxman Singh Kunwar and other faculty members of CDPS especially Mr. Sunil Acharya, for their contribution availabling the essential materials. I also like to give entire special thanks to CDPS librarian, and central librarian of Central Library of T.U., Kirtipur.

 I am very much indebted to my elder brothers Ram Rijhan Yadav, Dr. Ram Lekhan Yadav and Mr. Satya Narayan Yadav who inspired and encouraged me with financial support to reach at this position.

 At last but not the least, I am highly indebted to my all respondents and friends Mr. Chandra Mohan Salhaita, Mr. Ajay Yadav, D.K. Yadav, R.D. Pandey and Pitambar Yadav who helped me directly/indirectly.

 Finally, my thanks goes to Resunga Computer Service, Kirtipur for its splendid computer typing.

**Contents**

**S.No. Title Page No.**

Recommendation Letter ii

Approval Sheet iii

Acknowledgement iv

Table of Contents v

List of Tables viii

**CHAPTER I : Introduction**

[1.1 General Background of the Study 1](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293315)

[1.2 Statement of the Problem 3](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293316)

[1.3 Objective of the study 5](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293317)

[1.4 Hypothesis 5](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293318)

[1.5 Limitation of the study 6](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293319)

[1.6 Significance of the Study 7](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293320)

[1.7 Organization of the Study 7](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293321)

**CHAPTER II : LITERATURE REVIEW**

[2.1 Theoretical Literature Review 8](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293322)

[2.2 Empirical Literature Review 11](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293323)

[2.3 Conceptual Framework 18](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293324)

## Chapter-III : Methodology of the Study

[3.1 Background of the Study Area 20](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293325)

[3.2 Methodology 21](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293326)

[3.3 Simple Design 21](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293327)

[3.4 Sources of Data 21](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293328)

[3.5 Questionnaire Design 22](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293329)

[3.6 Data Collection 22](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293330)

[3.7 Data Analysis and Interpretation 23](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293331)

[3.8 Validity and Reliability 23](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293332)

[3.9 Selection of the Variables 23](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293333)

chapter-iv : Demographic and socio-economic characteristics

[4.1 Background Characteristics of Population 24](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293334)

[4.1.1 Age-Sex Structure 24](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293335)

[4.1.2 Educational Status of the Study Population 25](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293336)

[4.1.3 Marital Status of the Study Population 26](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293337)

[4.1.4 Occupational Status of the Study Population 27](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293338)

[4.2 Background Characteristics of Respondents 28](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293339)

**CHAPTER V : FERTILITY DIFFERENTIALS BY DEMOGRAPHIC AND SOCIO-ECONOMIC CHARACTERISTICS**

[5.1 Mean CEB by Current Age of Women 34](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293340)

[5.2 Mean CEB and Literacy Status of Eligible Women 35](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293341)

[5.3 Mean CEB by Age at Marriage of Eligible Women 35](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293342)

[5.4 Mean CEB by Occupation of Women 36](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293343)

[5.5 Mean CEB and Use and Non-Use of Contraception 37](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293344)

[5.6 Mean CEB and Children Dead 38](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293345)

[6. Introduction 39](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293346)

**Chapter VI : Statistical Analysis**

[6.1 Correlation Analysis 39](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293347)

[6.1.1 Age at Marriage (AAM) and Mean CEB 40](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293348)

[6.1.2 Literacy Status of Mother of Mean CEB 40](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293349)

[6.1.3 Occupation of Women and Mean CEB 40](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293350)

[6.1.4 Child Loss Experience (CL) and Mean CEB 41](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293351)

[6.1.5 Ever Use of Contraceptive and Mean CEB 41](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293352)

**CHAPTER VII : SUMARY, CONCLUSION AND RECOMMENDATIONS**

[7.1 Major Findings 42](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293353)

[7.2 Conclusion 44](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293354)

[7.3 Recommendations 46](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293355)

[7.4 Recommendation for Future Area of Research 47](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293356)

**Bibliography**

**Appenidix: Questionnaire**

**List of Tables**

vii

**S.No. Title Page No.**

[Table 1: Age-sex distribution and sex ratio of the study population, 2003 24](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293618)

[Table 2: Distributions of the population by education status by sex 25](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293619)

[Table 3: Marital status of the study population by sex (10 years & above) 26](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293620)

[Table 4: Distribution of study population by occupation 27](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293621)

[Table 5: Distribution of respondents by age group 28](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293622)

[Table 6: Percentage distribution of respondents by age at marriage 29](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293623)

[Table 7: Knowledge and practice of family planning method of the eligible women of the study area. 30](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293624)

[Table 8: Practice of FP method of the eligible women of the study area 31](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293625)

[Table 9: Distribution of respondents by age of their first menstruation 32](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293626)

[Table 10: Educational status of the eligible respondents 32](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293627)

[Table 11: Occupational distribution of women is given in the table 33](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293628)

[Table 12: Mean CEB by current age of women 34](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293629)

[Table 13: Mean CEB by literacy status of eligible women 35](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293630)

[Table 14: Mean CEB by age at marriage of eligible woman 36](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293631)

[Table 15: Mean CEB by eligible women's occupation 36](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293632)

[Table 16: Mean CEB and use and non-use of contraceptive 37](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293633)

[Table 17: Mean CEB by children dead. 38](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293634)

[Table 18: Correlation result for eligible women of reproductive age group 40](file:///D%3A%5CBabita%5C2200-2099%5C2217%5CRam%20Narayan%20Yadav.doc#_Toc137293635)