

## CONTENTS

<b>GLOSSARY</b> .....	7
<b>ACKNOWLEDGEMENTS</b> .....	8
<b>1. INTRODUCTION</b> .....	11
<b>2. CHARACTERISTICS OF THE STUDY AREA</b> .....	13
2.1. Geography and demography .....	13
2.2. Colonial rule and the chiefs .....	16
2.3. Changes in agriculture - labour processes and production patterns .....	19
2.4. Education and the status of women .....	25
<b>3. ANTENATAL, MATERNITY AND FAMILY PLANNING SERVICES IN KENYA</b> .....	29
<b>4. THEORETICAL FRAMEWORK</b> .....	33
4.1. Predisposing factors/household factors .....	35
4.2. Enabling factors .....	36
4.3. Health systems factors .....	39
4.4. The function of antenatal and maternity services ...	40
4.5. Function of birth control and family planning services.	44
<b>5. METHODOLOGIES</b> .....	49
5.1. Study design .....	49
5.2. Random cluster sampling .....	51
5.3. Other methodologies .....	54
5.4. Socio-economic status of the respondents .....	56

<b>6. ANTENATAL AND MATERNITY SERVICES IN KISII</b>	<b>57</b>
6.1. Distribution and utilization of antenatal and maternity services . . . . .	57
6.2. Outcome and maternal mortality rates in Kisii . . . . .	63
6.3. Predisposing factors . . . . .	67
6.4. Enabling factors . . . . .	82
6.5. Health systems factors . . . . .	90
<b>7. FAMILY PLANNING SERVICES IN KISII DISTRICT</b>	<b>95</b>
7.1. Distribution of family planning services . . . . .	95
7.2. Utilization of family planning services . . . . .	98
7.3. Predisposing factors . . . . .	102
7.4. Enabling factors . . . . .	115
7.5. Health systems factors . . . . .	122
<b>8. DISCUSSION</b> . . . . .	<b>133</b>
 <b>APPENDIX 1</b> . . . . .	 <b>143</b>
<b>APPENDIX 2</b> . . . . .	<b>145</b>
<b>NOTES</b> . . . . .	<b>178</b>
<b>REFERENCES</b> . . . . .	<b>186</b>

## MAPS

Kenya, showing provincial and district boundaries, with Kisii District shaded . . . . .	12
Density of population . . . . .	15
Map showing 35 cluster sample sites in Kisii District where interviews were carried out with 723 households (Map I, inside front cover)	
Map showing road networks and all health facilities in Kisii District (Map II, inside back cover)	

## TABLES

1. Number of pupils in attendenance in Kenyan schools . . . .	26
2. Interview schedule for Kisii District . . . . .	55
3. Comparative number of antenatal and maternity service delivery points, 1986 . . . . .	58
4. Sources and estimates of women in Kisii with at least 1 antenatal visit/pregnancy . . . . .	60
5. Place of delivery for last pregnancy . . . . .	63
6. Numbers of recorded births and maternal deaths in Kisii urban maternity units and in H/Cs, 1985 and 1986. . .	65
7. Midwives present at last birth of women in the survey . .	73
8. Use of antenatal and maternity services according to age .	78
9. Use of antenatal and maternity services according to the parity of the mother . . . . .	79
10. Education of wife and use of antenatal and delivery services . . . . .	80
11. Socio-economic status of the households and use of antenatal and maternity services . . . . .	88
12. Antenatal utilization by selected economic variables . . . .	88
13. Place of delivery for last pregnancy by selected indicators of economic status of household . . . . .	89
14. Comparative number of FP service delivery points . . . . .	96
15. Sources and estimates of women in Kisii	

who have ever used family planning . . . . .	100
16. Percent of FPAK users using different types of contraceptives . . . . .	101
17. Number of months between birth of last baby and resumption of sexual relations with husband or partner . .	105
18. Use of family planning according to age . . . . .	110
19. Knowledge of family planning according to age . . . . .	111
20. Use of FP according to education of wife . . . . .	115
21. Subjective assessment of household and use of family planning services . . . . .	119
22. Family planning use in Kisii by occupation of husband . . .	120
23. Use of family planning by selected indicators of economic status of household . . . . .	121

## FIGURES

1. Percentages of women in Kisii using traditional and modern health care for pregnancy and birth . . . . .	62
2. Percentages of women in Kisii District using traditional and modern health care for pregnancy, birth and fertility control . . . . .	99
3. Knowledge of different methods of family planning mentioned by survey respondents (n=723) . . . . .	113
4. Relative strengths of the different factors involved in the use of the antenatal and family planning services in Kisii. . . . .	134