LB/DON/137/24 (34)

IMPLICATIONS OF DEVELOPMENT PROGRAMS FOR POPULATION
REDISTRIBUTION IN SRI LANKA WITH SPECIAL REFERENCE
TO NORTH CENTRAL PROVINCE AND COLOMBO REGION





WERADUWAGE INDRALAL DE SILVA

314.8.061(548.7)

um Thesis coll.

82370

A thesis submitted in partial fulfilment of the requirements for the degree of Master of Arts in

Demography,

at

The Australian National University, Canberra, January 1985

Jniversity of Moratuw

\$2370





DECLARATION

Except where otherwise indicated this thesis is my own work.



January 1985

W. I. DE SILVA

ACKNOWLEDGEMENTS

This thesis was carried out while I was studying at the Australian National University on a Colombo Plan Scholarship offered by the Government of Australia.

The completion of this study depends on the assistance of many people acting in official and unofficial capacities. I can only acknowledge very few of these by name. I wish to express my gratitude to my supervisor, Dr. Paul Meyer, for his invaluable advice, and for his readiness to discuss matters with unfailing patience. Special thanks go to Dr. Gavin W.Jones for his useful suggestions and comments throughout the different stages of this work. Thanks also to Dr. Don Rowland, Dr. David Lucas and Dr. S.K.Jain whose comments contributed to the quality of this work. Ms. Chris McMurray who offered comments on the draft of this thesis, I also wish to acknowledge.

Finally, my gratitude goes to my wife, Kanthi for her encouragement and continuous support. It is, of course, not possible to thank my mother who encouraged me throughout my academic carrier. I pray for the salvation of her departed soul.

ABSTRACT

This thesis analyses the overall migration trends and patterns in Sri Lanka to identify the most popular migration destinations in the country. For this purpose data from the ten percent sample of the 1971 and 1981 censuses were used. Two dominant migration streams were observed: one in the wet zone to Colombo Region, and another in the dry zone to North Central Province (NCP).

Since NCP and Colombo Region currently contain the leading development programs of the country, the Mahaweli and the Investment Promotion Zones respectively, the migration trends and patterns of these areas were examined in more detail. The study thus has highlighted some of the desirable and undesirable effects of the leading development programs on population redistribution in the country.

The findings indicate that there is also an increasing trend of out-migration from NCP and therefore policies should be formulated to encourage peasants to stay in NCP, at least to achieve the main objectives of the Mahaweli program. The most crowded and one of the most popular destinations in the country, Colombo Region, had the highest net gain of recent migrants (those coming in the past five years), however lifetime net-migration was higher in NCP. From the demographic point of view this higher attraction of migrants to Colombo Region had an undesirable affect on the goal of achieving a more equitable distribution of population in the country. Therefore national development policies and population redistribution policies should be integrated at the early stages of planning.

CONTENTS

	Page
DECLARATION	i
ACKNOWLEDGEMENTS	ii
ABSTRACT	iii
LIST OF TABLES	vii
LIST OF FIGURES	ix
LIST OF APPENDICES	x
CHAPTER 1 INTRODUCTION	1
l.l Review of Literature on Internal Migration in Sri Lanka	3
1.2 Importance of the Present Study	9
1.3 Objectives and Hypotheses	15
1.4 Definitions University of Moratuwa, Sri Lanka.	16
1.5 Sources and Limitations of Migration Data	17
1.6 Delineation of the Study Areas	18
1.7 Outline of the Thesis	19
CHAPTER 2 DEVELOPMENT POLICIES AND INTERNAL MIGRATION IN SRI LANKA	20
2.1 Policies and Programs Influencing Internal Migration	20
2.1.1 Colonization and Land Development	21
2.1.2 Mahaweli Development	24
2.1.3 The Greater Colombo Economic Commission (GCEC) and	27
its Investment Promotion Zones	
2.2 Internal Migration In Sri Lanka	31
2.2.1 Lifetime Migration, 1981	32
2.2.2 An Overview of Migration Patterns, 1976-81	37
2.2.3 The Effect of Migration on the North Central	40
Province and Colombo Region	
2.3 Summary	43

CHAPTER 3	TRENDS AND PATTERNS OF THE MIGRATION STREAMS OF	45
	NORTH CENTRAL PROVINCE (NCP) AND COLOMBO REGION	
3.1	Migration Trends	45
3.2	Streams of Migration	48
3.3	Urban vs Rural Destination	54
3.4	Duration of Residence	57
3.5	Return Migration	60
3.7	Summary	63
CHAPTER 4	DEMOGRAPHIC AND SOCIO-ECONOMIC CHARACTERISTICS OF	65
	MIGRANTS AND NON MIGRANTS	
4.1	Age and Sex	65
4.2	Marital Status	70
4.3	Education University of Moratuwa, Sri Lanka.	71
4.4	Labour Force Participation	74
	4.4.1 Labour Force Participation Rates	76
	4.4.2 Occupation	79
4.5	Summary	81
CHAPTER 5	PROJECTION OF FUTURE POPULATION OF NORTH CENTRAL	83
	PROVINCE AND ITS IMPLICATION ON LABOUR FORCE	
5.1	Methodlogy	83
5.2	Fertility	84
5.3	Mortality	86
5.4	Migration	87
5.5	Population Projection	88
5.6	Labour Force Projection	91
5.7	Summary	93

CHAPTER 6	SUMMARY AND CONCLUSIONS	94
6.1	Summary .	94
6.2	Major Findings and Conclusion	95
6.3	Some Suggestions for Further Research	99
REFERENCES		101
APPENDICES		109



LIST OF TABLES

age
11
13
29
30
34
88
+1
¥6
8
50
53
55
8
51
52
8
70
5 5 5

4.3 PERCENTAGE DISTRIBUTION OF IN-MIGRANTS AND NON-MIGRANTS BY EDUCATIONAL ATTAINMENT AND BY AGE AND SEX, 1976-81

Tabl	Cable Date	
4.4	PERCENTAGE DISTRIBUTION OF IN-MIGRANTS AND NON-MIGRANTS OF NCP AND COLOMBO REGION (15 YEARS OF AGE AND OVER) BY ACTIVITY STATUS, 1976-81	75
4.5	LABOUR FORCE PARTICIPATION RATES OF IN-MIGRANTS AND NON-MIGRANTS OF NCP AND COLOMBO REGION BY AGE AND SEX, 1976-81	77
4.6	UNEMPLOYMENT RATES OF IN-MIGRANTS AND NON-MIGRANTS OF NCP AND COLOMBO REGION BY AGE AND SEX, 1976-81	78
4.7	PERCENTAGE DISTRIBUTION OF IN-MIGRANTS AND NON-MIGRANTS OF NCP AND COLOMBO REGION (15 YEARS OF AGE AND OVER) BY OCCUPATIONAL CATEGORY, 1976-81	80
5.1	DISTRIBUTION OF AGE-SPECIFIC FERTILITY SCHEDULE BY ONE UNIT OF TOTAL FERTILITY, NCP	85
5.2	SETTLEMENT ALLOCATIONS TO FARMER FAMILIES IN NEWLY STARTED PROJECTS	88
5.3	PROJECTED POPULATION OF NCP BY SEX, 1981-2001	89
5.4	PERCENTAGE DISTRIBUTION OF FUTURE POPULATION OF NCP BY AGE	90
5.5	CHANGES IN THE PROJECTED POPULATION OF NCP, AND CONTRIBUTION OF NET-MIGRANTS TO ITS FUTURE SIZE, 1981-2001	91
5.6	PROJECTED LABOUR FORCE OF NCP BY SEX, 1981-2001	92
5.7	CHANGES IN THE PROJECTED LABOUR FORCE OF NCP, AND CONTRIBUTION OF NET-MIGRANTS TO ITS FUTURE SIZE 1981-2001	92

LIST OF FIGURES

Figu	Figure	
1.1	POPULATION DENSITY (1981) AND ANNUAL RATE OF GROWTH (1971-81) BY DISTRICT, SRI LANKA	12
2.1	MAJOR COLONIZATION SCHEMES	23
2.2	MAHAWELI PROJECT AREA	26
2.3	GREATER COLOMBO ECONOMIC COMMISSION AND ITS INVESTMENT PROMOTION ZONES	28
2.4	VOLUME OF LIFETIME NET-MIGRANTS BY DISTRICT OF SRI LANKA, 1981	35
2.5	VOLUME OF RECENT NET-MIGRANTS BY DISTRICT OF SRI LANKA, 1976-81	39
2.6	VOLUME OF LIFETIME (1981) AND RECENT (1976-81) NET- MIGRANTS OF NCP AND COLOMBO REGION	42
3.1	PERCENTAGE INCREASE OF MIGRANTS OF NCP AND COLOMBO REGION, 1966-71 OVER 1976-81	47
3.2	VOLUME OF NET-MIGRATION STREAMS OF NCP AND COLOMBO REGION, 1966-71	51
3.3	VOLUME OF NET-MIGRATION STREAMS OF NCP AND COLOMBO REGION, 1976-81	52
3.4	PERCENTAGE DISTRIBUTION OF IN-MIGRANTS AND NON-MIGRANTS OF NCP AND COLOMBO REGION BY SECTOR, 1976-81	56
4.1	AGE STRUCTURE OF IN-MIGRANTS AND NON-MIGRANTS OF NCP AND COLOMBO REGION, 1976-81	67

LIST OF APPENDICES

Appe	Appendix	
A.1	NET INTERNAL MIGRATION BY DISTRICT (1971-81)	109
A.2	GROWTH OF URBAN AREAS AND URBAN POPULATION IN SRI LANKA 1871-1981	110
A.•3	POPULATION, GROWTH AND DENSITY OF SRI LANKA BY AREA, 1981	111
A.4	QUESTIONS ON INTERNAL MIGRATION- EXTRACTED FROM 1981 POPULATION AND HOUSING SCHEDULE (SAMPLE)	112
B.1	AGE STRUCTURE OF MIGRANTS, NON-MIGRANTS (1976-81) OF NCP AND COLOMBO REGION AND TOTAL POPULATION OF SRI LANKA	113
в.2	PROPORTION OF NEVER MARRIED OF IN-MIGRANTS AND NON-MIGRANTS BY AGE AND SEX, 1976-81	114
C.1	ASSUMPTIONS USED FOR PROJECTION OF POPULATION OF NCP, 1981-2001	115
C.2	FERTILITY AND MORTALITY INDICATORS OF NCP	116
C.3	DISTRIBUTION OF NET-MIGRANTS BY AGE 1976-81, AND LABOUR FORCE PARTICIPATION RATES OF NCP, 1981	117
C.4	POPULATION PROJECTION OF NCP. 1981-2001	118