



REPUBLIC OF KENYA

# **Analytical Report on Migration and Urbanisation**

## **Volume VI**

### **KENYA 1999 POPULATION AND HOUSING CENSUS**



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# **Kenya 1999 Population and Housing Census**

## **Volume VI Analytical Report on Migration and Urbanisation**

Central Bureau of Statistics  
Ministry of Planning and National Development,  
November 2004

**Kenya 1999 Population and Housing Census**

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Ministry of Planning and National Development, 2004

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## FOREWORD

The 1999 Population and Housing Census was the fourth to be carried out since Independence and the sixth since 1948 when the first population census was conducted in Kenya. The census was conducted on a *de facto* basis with the night of 24<sup>th</sup>/25<sup>th</sup> August being taken as a reference date, under the provision of the Statistics Act (Cap 112) of the Laws of Kenya and Legal Notice No. 121 of 11<sup>th</sup> September, 1998 and amendment No. 25 of 22<sup>nd</sup> February 1999.

The main objective of this census, whose theme was "Counting Our People for Development" was to collect demographic and socio-economic data mainly required for policy formulation and decision-making in the planning process. Basic results of the 1999 census were published in Volumes I and II in January 2001. This second set comprising nine analytical reports addresses respective topics of fertility and nuptiality, mortality, migration and urbanisation, population projections, education, labour force, housing, and gender dimensions. Highlights of the demographic indicators are presented in the Population Dynamics monograph.

Preparation of these analytical monographs involved wide consultations and collaboration with the Population Studies and Research Institute (PSRI), various Government ministries and departments, and both local and external experts. The engagement of experts was done on competitive basis, ensuring that the selected persons possessed adequate knowledge of the subject assigned to them and were familiar with Kenyan demographic situation. For the first time, university students were attached to the lead monograph authors.

Scanning technology was for the first time used to capture census data. This method reduced the data processing period to a record six months. In an effort to achieve internal consistency and minimise errors to acceptable levels, rigorous editing and validation of the data were carried out before analysing the results. The information presented in these reports is therefore based on more cleaned datasets, and is to be preferred in case there are differences with the results published in Volumes I and II.

This monograph presents findings on migration and urbanisation based on the analysis of data collected in the 1999 census. The pattern of migration in Kenya for the intercensal periods 1969-79, 1979-89 and 1989-99 remained almost the same, with increased rural to urban migration and pronounced rural to rural patterns of migration occasioned by movements of the population to high agricultural potential areas. The majority of the migrants have been young adults aged 20-49 years. International migration remains minimal, mainly composed of refugee in-migrants. While the number of urban centres increased from 139 in 1989 to 179 in 1999, and the urban population expanded from 3.9 million persons to 5.4 million persons over the same period, the proportion of the population that was urban still remains low - at 19 percent in 1999.

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## **ACKNOWLEDGEMENT**

The 1999 Population and Housing Census, the theme of which was "Counting Our People for Development", was the sixth census after those of 1948, 1962, 1969, 1979 and 1989. Basic results of the 1999 census were published in Volumes 1 and II in January 2001. This second set comprising nine analytical reports presents more comprehensive analysis than any other previous census report.

The 1999 census was an involving and costly exercise that was accomplished through concerted efforts of many organisations, institutions, government ministries and individuals who assisted in a variety of ways in preparing, collecting, compiling, processing, analysing and publishing the results. The Ministry of Planning and National Development, and in particular, the Central Bureau of Statistics, wish to thank all of them.

I wish to extend the Government's profound gratitude to our development partners who collaborated and supported us in different ways throughout the entire census exercise. Among them, technical and financial support was received from UNFPA, DFID, USAID, UNDP and the United States Bureau of the Census.

Special thanks go to UNFPA and DFID for providing further technical and financial support for the compilation and publication of the nine monographs containing in-depth analysis of the census results. We wish to give our special thanks also to USAID for their support in providing analytical skills to the analysis team on Population Analysis Spreadsheets (PAS).

My sincere gratitude is due to authors of the various monographs, technical support staff, and other national and international professionals for their commitment and tireless efforts in successfully undertaking the in-depth analysis of the census results.

Last but not least, all Kenyans deserve special thanks for their patience and willingness to provide the information analysed in these monographs. It is my sincere hope that the information contained in these analytical volumes will be fully utilised in the planning process and policy formulation by all stakeholders for the welfare of our people.

**A. K. M. KILELE**  
**DIRECTOR OF STATISTICS**

## EXECUTIVE SUMMARY

This monograph was compiled using data from the 1999 Kenya Population and Housing Census with the main objective of ascertaining levels, patterns and trends in migration and urbanisation. Direct methods of estimation were used to obtain levels, trends and patterns of migration and urbanisation at provincial and district levels.

While recent in-migration to urban areas was markedly higher than that to rural areas, the level of out-migration was the same in both urban and rural areas. This explains why recent in- migrants in Nairobi and Mombasa accounted for 17 and 16 percent, respectively, of their total populations. Between 1998 and 1999, Eastern, Western and Nyanza provinces produced the highest proportions of out-migrants. In general, recent migration did not involve large numbers given that the timeframe was limited to only one year.

Majority of the lifetime migrants were young adults, suggesting that they migrated mainly in search of employment opportunities since urban and cash crop-growing areas were the major destinations. Nairobi, Coast and Rift Valley provinces continued to be the major destinations of lifetime migrants. While the majority of migrants remained males, females were also increasingly getting involved in long-distance migration in some regions, for example, Central and Western provinces. That most of lifetime migrants during the 1999 census were recorded in urban areas underlines the importance of rural-urban migration, and to some extent inter-urban migration.

Highlights of internal migration indicate that the pattern of migration in Kenya for the intercensal periods 1969-79, 1979-89 and 1989-99 remained almost the same. It may be hypothesized that the factors affecting migration in Kenya have not changed much over the thirty-year period.

Analysis of international migration only considered the immigration component since data on emigration are lacking. Census data indicate that the size of the foreign population in Kenya still remains low - at just under two percent of the total population in 1999.

The proportion of the Kenyan urban population still remains small, notwithstanding the fact that it has been increasing from 8 percent in 1970 to 19 percent in 1999. Coast province had the largest share (37%) of urban population, followed by North Eastern (18%), while Western (8%) and Eastern (6%) had the least share. When urban centres were classified by population size, those with a population of 2,000-4,999 were the majority, with a share of 41.4 percent, while lowest share was that of centres with a population of 100,000+, having a share of only 2.8 percent of the total urban centres. There were similarities in the characteristics of the migrant population and the urban population. For instance, the peak of migration was at 25-29 years, though starting at 20 through 65 years. On the other hand, the urban population by age shows a domination of the Kenyan urban centres by those in the age bracket 15-64 years - indicating that the majority of the economically active population had migrated into urban centres possibly in search of socio-economic opportunities. The urban population is dominated by males, having educational attainment of upper primary and above. Male dominance in rural-urban migration streams resulted in a sex ratio higher than 100 for most urban centres. This trend has persisted but with declining proportions of males over the years. For example, while only 13 percent of urban centres had a sex ratio of less than 100 in 1979, this increased to 19 percent in 1989 and reached 60 percent in 1999. This shows that the trend of females moving to urban areas has been on the increase with time.

A number of recommendations were made arising from the findings. These included: conducting special detailed migration surveys to document the frequency, causes and consequences of migration; undertaking research to unravel the underlying causes of increasing female migration and formulate policies to address the resultant implications; collection of data on emigration; and enhancing policy on the growth of small- and medium-sized urban centres.

# CHAPTER ONE

## BACKGROUND INFORMATION

### 1.0 Introduction

The 1999 Kenya Population and Housing Census was the sixth census to be carried out since 1948 and the fourth since independence in 1963. It was carried out between the night of 24<sup>th</sup>/25<sup>th</sup> and 31<sup>st</sup> August 1999, with 24<sup>th</sup>/25<sup>th</sup> August 1999 being the reference point. This census was carried out under the provision of the Statistics Act (Chapter 112) of the Laws of Kenya. Legal Notice No. 121 dated 11<sup>th</sup> September 1998 and amendment No. 25 of 22<sup>nd</sup> February 1999 were gazetted to facilitate the planning and execution of the census. According to the Legal Notice, all persons who were within the Kenyan boundaries on the Census Night (24<sup>th</sup>/25<sup>th</sup> August) were legally bound to be enumerated and to provide the requisite information.

### 1.1 Objectives

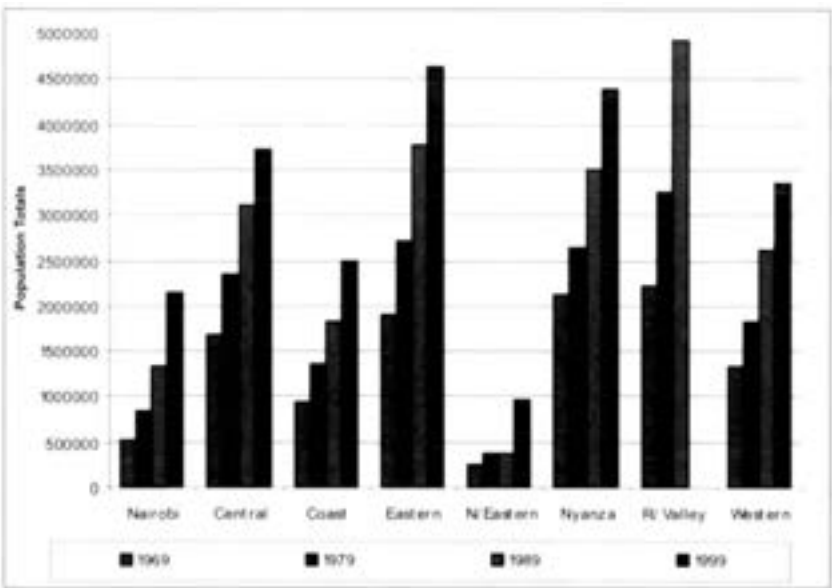
The main objective of this census was to ascertain the country's population size by enumerating all persons (Kenyan and non-Kenyan) who were within the borders of Kenya on the mid-night of 24<sup>th</sup>/25<sup>th</sup> August 1999. The specific objectives were to collect data on:

- Size, composition and spatial distribution of the population;
- Levels of fertility, mortality and migration rates;
- Rate and pattern of urbanisation;
- Levels of education attained by the population;
- Size and utilization of the labour force; and
- Housing conditions and availability of household amenities.

### 1.2 Distribution of Population by Province

Figure 1.1 presents the distribution of the population by province in absolute numbers. These numbers provide insights into changes that had taken place with regard to each provincial share of the total population. These absolute numbers form the background on which migration and urbanisation levels, trends and patterns for every district and province in Kenya occurred.

Figure 1.1 Distribution of Population by Province, 1969-1999



The provinces whose percentage shares in the total population had increased consistently since 1969 were Nairobi and Rift Valley. The marginal increase in the share of Coast province could also be explained by rural-urban migration, mainly to Mombasa. North Eastern province showed a more than doubling of its share in 1999 over 1989; but this was explained by the under-enumeration that was experienced in 1989, as well as the inflow of refugees from neighbouring Somalia. Among the other provinces, Western, Eastern and Nyanza had experienced declines in their proportional share. Despite all these changes, the overall ranking in population size for each province in 1999 compared to 1989 had not changed. The foregoing account provided a basis on which changes in migration and urbanisation were analysed.

### **1.3 Methodology**

A population census provides the most complete count of the population by current residence. The exact definition of place of residence used in a census is very important to migration. If the census is taken according to legal residence, many migrants who have not yet changed their legal residence to the place of destination will not be counted as migrants. If, on the other hand, a strict de facto definition is used, many short-term visitors to an area will be counted as migrants. Most countries use the concept of "usual place of residence", which is intended to avoid the two extremes represented by the legal and de facto definitions but which can still vary considerably the way it is applied to recent migrants.

During the 1999 Kenya population census, the concept of "usual place of residence" was used to collect data. The quality of census data on migration and urbanisation was adjudged as being fairly good. In this regard, direct methods of estimation (basic frequencies and cross-tabulations) were mainly used to ascertain levels, trends and patterns of migration and urbanisation using census data. The use of direct methods of estimation also permitted comparisons of migration and urbanisation as of the 1999 census with those in previous censuses.

There are two different approaches in defining urban areas: the use of population size and the aerial expanse as determined by the local authority. While the population size approach focuses on the population that is 'purely' urban, the local authority approach considers both the core and peri-urban populations. In analysing urbanisation in this monograph, a built area was considered as urban if it had a minimum population of 2,000 that was engaged in non-agricultural activities, i.e. the core urban population was used to determine urbanisation levels and patterns. However, the local authority approach had to be used in analysing urbanisation trends since data from previous censuses had used such an approach.

Major changes in district boundaries between 1989 and 1999 (from 41 to 69 districts) introduced problems in establishing trends in migration and urbanisation hence rendering comparisons between most of the "old" and "new" districts illogical.

## CHAPTER TWO

### LEVELS, TRENDS AND PATTERNS OF INTERNAL MIGRATION

#### 2.0 Introduction

The concept of migration involves a change in the locality of usual residence of a person. A person whose area of usual residence at the census date differed from the area of his/her birth constituted a lifetime migrant. On the other hand, a recent migrant was a person who had changed his/her usual place of residence at least once during the migration interval (August 1998 and August 1999). It is worth noting that the main limitation of migration information obtained from data on place of birth is that we get the number of migrants but not the number of migrations. Further, not all migrants are included: return migrants are ignored just like deceased migrants are also excluded completely.

This chapter presents the results on recent and lifetime migration. Data on district of birth and district of residence one year preceding the census night, and district of enumeration were used to obtain estimates of the levels and patterns of migration in the country. The chapter comprises sections on: recent in-migrants and out-migrants; lifetime in-migrants and out-migrants; net migration levels; and lifetime net migration trends, patterns and differentials. All these were analysed both at district and provincial levels.

#### 2.1 Recent Migration

An analysis of recent migration brings to the fore the most recent patterns of population movements in a given time interval. Targeting the population aged 1 year and above, the 1999 census questionnaire asked respondents for their place of residence in August 1998. The population whose district of residence in August 1998 was different from their district of enumeration constituted the phenomenon of recent migration.

##### 2.1.1 Recent In-migrants

Table 2.1 shows the magnitude of recent migrants by district. Five districts (Nairobi, Mombasa, Kisumu, Bondo and Laikipia) recorded at least 10 percent of their 1999 populations as recent in-migrants. Bondo and Laikipia were rural districts unlike Nairobi, Mombasa and Kisumu which offered attractive socio-economic opportunities to potential migrants given that they were the three largest urban centres in Kenya. Wajir district recorded the least percentage (0.7%) of recent in-migrants.

Table 2.1 Distribution of Recent In-migrants by District, 1999

| District      | Number<br>enumerated<br>in district | No. resident in 1998 &<br>enumerated in district | In-migrants |                                     |
|---------------|-------------------------------------|--------------------------------------------------|-------------|-------------------------------------|
|               |                                     |                                                  | Number      | % share of<br>enumerated population |
| NAIROBI       | 2,025,724                           | 1,683,761                                        | 341,963     | 16.9                                |
| CENTRAL       | 3,591,106                           | 3,450,807                                        | 140,299     | 3.9                                 |
| Kiambu        | 718,299                             | 668,787                                          | 49,512      | 6.9                                 |
| Kirinyaga     | 444,297                             | 431,048                                          | 13,249      | 3.0                                 |
| Murang'a      | 340,438                             | 329,927                                          | 10,511      | 3.1                                 |
| Nyandarua     | 454,437                             | 428,712                                          | 25,725      | 5.7                                 |
| Nyeri         | 633,618                             | 608,375                                          | 25,243      | 4.0                                 |
| Thika         | 624,417                             | 566,134                                          | 58,283      | 9.3                                 |
| Maragua       | 375,600                             | 364,391                                          | 11,209      | 3.0                                 |
| COAST         | 2,364,163                           | 2,191,401                                        | 172,762     | 4.9                                 |
| Kilifi        | 522,461                             | 507,309                                          | 15,152      | 2.9                                 |
| Kwale         | 473,339                             | 455,795                                          | 17,544      | 3.7                                 |
| Lamu          | 69,343                              | 64,398                                           | 4,945       | 7.1                                 |
| Mombasa       | 625,958                             | 523,724                                          | 102,234     | 16.3                                |
| Taita Taveta  | 235,202                             | 221,367                                          | 13,835      | 5.9                                 |
| Tana River    | 172,236                             | 164,216                                          | 8,020       | 4.7                                 |
| Malindi       | 265,624                             | 254,592                                          | 11,032      | 4.2                                 |
| EASTERN       | 4,451,441                           | 4,332,890                                        | 118,551     | 2.7                                 |
| Embu          | 266,826                             | 253,272                                          | 13,554      | 5.1                                 |
| Isiolo        | 95,986                              | 90,349                                           | 5,637       | 5.9                                 |
| Kitui         | 490,274                             | 478,428                                          | 11,846      | 2.4                                 |
| Makueni       | 741,628                             | 716,535                                          | 25,093      | 3.4                                 |
| Machakos      | 871,029                             | 818,299                                          | 52,730      | 6.1                                 |
| Marsabit      | 116,102                             | 114,066                                          | 2,036       | 1.8                                 |
| Mbeere        | 164,848                             | 153,001                                          | 11,847      | 7.2                                 |
| Meru Central  | 484,605                             | 465,433                                          | 19,172      | 4.0                                 |
| Moyale        | 50,883                              | 47,528                                           | 3,355       | 6.6                                 |
| Mwingi        | 291,239                             | 286,636                                          | 4,603       | 1.6                                 |
| Meru North    | 580,626                             | 570,074                                          | 10,552      | 1.8                                 |
| Tharaka       | 97,5719                             | 5,626                                            | 1,945       | 2.0                                 |
| Nithi         | 199,824                             | 194,911                                          | 4,913       | 2.5                                 |
| NORTH EASTERN | 812,000                             | 799,250                                          | 12,750      | 1.6                                 |
| Garissa       | 257,901                             | 252,144                                          | 5,757       | 2.2                                 |
| Mandera       | 242,723                             | 237,931                                          | 4,792       | 2.0                                 |
| Wajir         | 311,376                             | 309,175                                          | 2,201       | 0.7                                 |
| NYANZA        | 4,201,271                           | 4,037,049                                        | 164,222     | 3.9                                 |
| Gucha         | 444,784                             | 426,640                                          | 18,144      | 4.1                                 |
| Homa Bay      | 275,235                             | 256,674                                          | 18,561      | 6.7                                 |
| Kisii Central | 470,800                             | 445,916                                          | 24,884      | 5.3                                 |
| Kisumu        | 479,081                             | 427,003                                          | 52,078      | 10.9                                |
| Kuria         | 143,698                             | 139,449                                          | 4,249       | 3.0                                 |
| Migori        | 487,315                             | 460,089                                          | 27,226      | 5.6                                 |
| Nyamira       | 482,556                             | 457,324                                          | 25,232      | 5.2                                 |
| Rachuonyo     | 294,661                             | 267,958                                          | 26,703      | 9.1                                 |

**Table 2.1 Distribution of Recent In-migrants by District, 1999 (Continued)**

|                    |                  |                  |                |            |
|--------------------|------------------|------------------|----------------|------------|
| Siaya              | 462,605          | 428,771          | 33,834         | 7.3        |
| Suba               | 148,747          | 134,611          | 14,136         | 9.5        |
| Bondo              | 228,177          | 203,303          | 24,874         | 10.9       |
| Nyando             | 283,612          | 260,703          | 22,909         | 8.1        |
| <b>RIFT VALLEY</b> | <b>6,602,055</b> | <b>6,314,994</b> | <b>287,061</b> | <b>4.3</b> |
| Baringo            | 254,207          | 243,748          | 10,459         | 4.1        |
| Bomet              | 364,843          | 348,862          | 15,981         | 4.4        |
| Keiyo              | 138,451          | 131,571          | 6,880          | 5.0        |
| Kajiado            | 382,167          | 345,083          | 37,084         | 9.7        |
| Kericho            | 445,146          | 422,553          | 22,593         | 5.1        |
| Koibatek           | 131,833          | 124,190          | 7,643          | 5.8        |
| Laikipia           | 307,250          | 270,314          | 36,936         | 12.0       |
| Marakwet           | 134,825          | 131,054          | 3,771          | 2.8        |
| Nakuru             | 1,138,378        | 1,043,428        | 94,950         | 8.3        |
| Nandi              | 548,454          | 520,067          | 28,387         | 5.2        |
| Narok              | 344,916          | 316,452          | 28,464         | 8.3        |
| Samburu            | 136,781          | 129,210          | 7,571          | 5.5        |
| Trans Mara         | 162,225          | 152,809          | 9,416          | 5.8        |
| Trans Nzoia        | 545,734          | 510,169          | 35,565         | 6.5        |
| Turkana            | 380,197          | 373,684          | 6,513          | 1.7        |
| Uasin Gishu        | 592,145          | 542,941          | 49,204         | 8.3        |
| West Pokot         | 292,722          | 287,443          | 5,279          | 1.8        |
| Buret              | 301,781          | 280,568          | 21,213         | 7.0        |
| <b>WESTERN</b>     | <b>3,212,891</b> | <b>3,125,144</b> | <b>87,747</b>  | <b>2.7</b> |
| Bungoma            | 834,333          | 810,388          | 23,945         | 2.9        |
| Busia              | 353,242          | 337,975          | 15,267         | 4.3        |
| Mt. Elgon          | 128,579          | 124,946          | 3,633          | 2.8        |
| Kakamega           | 577,319          | 547,335          | 29,984         | 5.2        |
| Lugari             | 206,803          | 191,438          | 15,365         | 7.4        |
| Teso               | 172,362          | 164,333          | 8,029          | 4.7        |
| Vihiga             | 482,572          | 464,003          | 18,569         | 3.8        |
| Butere/Mumias      | 457,681          | 438,409          | 19,272         | 4.2        |

**2.1.2 Recent Out-migrants**

Out-migration gives a picture of the complement of in-migration. A district analysis of recent out-migration is presented in Table 2.2. Out-migration was most evident in Nairobi, Western, Eastern, Central and Nyanza provinces. The leading districts in this phenomenon between 1998 and 1999 included Kisumu (10.7%), Murang'a (10.5%), Siaya (9.4%), Kakamega (8.3%), Homa Bay (8.2%) and Nairobi (8.2%). Among those least affected by recent out-migration included Meru North, West Pokot and Mandera with out-migrants between 1998 and 1999 amounting to less than two percent of their respective enumerated populations.

**Table 2.2 Distribution of Recent Out-migrants by District, 1999**

| District            | No. resident<br>in district<br>in 1998 | No. resident in<br>1998 & enumerated<br>in district | Out-migrants   |                                     |
|---------------------|----------------------------------------|-----------------------------------------------------|----------------|-------------------------------------|
|                     |                                        |                                                     | Number         | % share of<br>enumerated population |
| <b>NAIROBI</b>      | <b>1,833,614</b>                       | <b>1,683,761</b>                                    | <b>149,853</b> | <b>8.2</b>                          |
| <b>CENTRAL</b>      | <b>3,569,537</b>                       | <b>3,450,807</b>                                    | <b>118,730</b> | <b>3.3</b>                          |
| Kiambu              | 702,431                                | 668,787                                             | 33,644         | 4.8                                 |
| Kirinyaga           | 444,273                                | 431,048                                             | 13,225         | 3.0                                 |
| Murang'a            | 368,612                                | 329,927                                             | 38,685         | 10.5                                |
| Nyandarua           | 449,704                                | 428,712                                             | 20,992         | 4.7                                 |
| Nyeri               | 645,085                                | 608,375                                             | 36,710         | 5.7                                 |
| Thika               | 586,636                                | 566,134                                             | 20,502         | 3.5                                 |
| Maragua             | 372,796                                | 364,391                                             | 8,405          | 2.3                                 |
| <b>COAST</b>        | <b>2,295,743</b>                       | <b>2,191,401</b>                                    | <b>46,988</b>  | <b>2.0</b>                          |
| Kilifi              | 525,275                                | 507,309                                             | 17,966         | 3.4                                 |
| Kwale               | 469,898                                | 455,795                                             | 14,103         | 3.0                                 |
| Lamu                | 67,829                                 | 64,398                                              | 3,431          | 5.1                                 |
| Mombasa             | 568,035                                | 523,724                                             | 44,311         | 7.8                                 |
| Taita Taveta        | 234,204                                | 221,367                                             | 12,837         | 5.5                                 |
| Tana River          | 168,687                                | 164,216                                             | 4,471          | 2.7                                 |
| Malindi             | 261,815                                | 254,592                                             | 7,223          | 2.8                                 |
| <b>EASTERN</b>      | <b>4,494,044</b>                       | <b>4,332,890</b>                                    | <b>161,154</b> | <b>3.6</b>                          |
| Embu                | 266,758                                | 253,272                                             | 13,486         | 5.1                                 |
| Isiolo              | 96,256                                 | 90,349                                              | 5,907          | 6.1                                 |
| Kitui               | 513,475                                | 478,428                                             | 35,047         | 6.8                                 |
| Makueni             | 748,454                                | 716,535                                             | 31,919         | 4.3                                 |
| Machakos            | 873,156                                | 818,299                                             | 54,857         | 6.3                                 |
| Marsabit            | 117,708                                | 114,066                                             | 3,642          | 3.1                                 |
| Mbeere              | 159,273                                | 153,001                                             | 6,272          | 3.9                                 |
| Meru Central        | 479,010                                | 465,433                                             | 13,577         | 2.8                                 |
| Moyale              | 50,652                                 | 47,528                                              | 3,124          | 6.2                                 |
| Mwingi              | 306,705                                | 286,636                                             | 20,069         | 6.5                                 |
| Meru North          | 579,527                                | 570,074                                             | 9,453          | 1.6                                 |
| Tharaka             | 99,249                                 | 95,626                                              | 3,623          | 3.7                                 |
| Nithi               | 203,821                                | 194,911                                             | 8,910          | 4.4                                 |
| <b>NORTHEASTERN</b> | <b>819,555</b>                         | <b>799,250</b>                                      | <b>17,406</b>  | <b>2.1</b>                          |
| Garissa             | 261,560                                | 252,144                                             | 9,416          | 3.6                                 |
| Mandera             | 241,390                                | 237,931                                             | 3,459          | 1.4                                 |
| Wajir               | 316,605                                | 309,175                                             | 7,430          | 2.3                                 |
| <b>NYANZA</b>       | <b>4,172,779</b>                       | <b>4,037,049</b>                                    | <b>135,730</b> | <b>3.3</b>                          |
| Gucha               | 445,145                                | 426,640                                             | 18,505         | 4.2                                 |
| Homa Bay            | 279,749                                | 256,674                                             | 23,075         | 8.2                                 |
| Kisii Central       | 469,917                                | 445,916                                             | 24,001         | 5.1                                 |
| Kisumu              | 478,273                                | 427,003                                             | 51,270         | 10.7                                |
| Kuria               | 143,034                                | 139,449                                             | 3,585          | 2.5                                 |
| Migori              | 483,541                                | 460,089                                             | 23,452         | 4.9                                 |
| Nyamira             | 476,404                                | 457,324                                             | 19,080         | 4.0                                 |
| Rachuonyo           | 289,545                                | 267,958                                             | 21,587         | 7.5                                 |

Table 2.2 Distribution of Recent Out-migrants by District, 1999 (Continued)

|                    |           |           |         |     |
|--------------------|-----------|-----------|---------|-----|
| Siaya              | 473,067   | 428,771   | 44,296  | 9.4 |
| Suba               | 143,151   | 134,611   | 8,540   | 6.0 |
| Bondo              | 215,373   | 203,303   | 12,070  | 5.6 |
| Nyando             | 275,580   | 260,703   | 14,877  | 5.4 |
| <b>RIFT VALLEY</b> | 6,434,580 | 6,314,994 | 119,586 | 1.9 |
| Baringo            | 253,404   | 243,748   | 9,656   | 3.8 |
| Bomet              | 368,745   | 348,862   | 19,883  | 5.4 |
| Keiyo              | 137,992   | 131,571   | 6,421   | 4.7 |
| Kajiado            | 354,444   | 345,083   | 9,361   | 2.6 |
| Kericho            | 445,084   | 422,553   | 22,531  | 5.1 |
| Koibatek           | 130,165   | 124,190   | 5,975   | 4.6 |
| Laikipia           | 285,393   | 270,314   | 15,079  | 5.3 |
| Marakwet           | 137,791   | 131,054   | 6,737   | 4.9 |
| Nakuru             | 1,099,913 | 1,043,428 | 56,485  | 5.1 |
| Nandi              | 538,312   | 520,067   | 18,245  | 3.4 |
| Narok              | 325,397   | 316,452   | 8,945   | 2.7 |
| Samburu            | 134,716   | 129,210   | 5,506   | 4.1 |
| Trans Mara         | 158,841   | 152,809   | 6,032   | 3.8 |
| Trans Nzoia        | 533,891   | 510,169   | 23,722  | 4.4 |
| Turkana            | 383,010   | 373,684   | 9,326   | 2.4 |
| Uasin Gishu        | 569,183   | 542,941   | 26,242  | 4.6 |
| West Pokot         | 291,700   | 287,443   | 4,257   | 1.5 |
| Buret              | 286,599   | 280,568   | 6,031   | 2.1 |
| <b>WESTERN</b>     | 3,266,929 | 3,125,144 | 141,785 | 4.3 |
| Bungoma            | 844,699   | 810,388   | 34,311  | 4.1 |
| Busia              | 362,933   | 337,975   | 24,958  | 6.9 |
| Mt. Elgon          | 129,877   | 124,946   | 4,931   | 3.8 |
| Kakamega           | 597,185   | 547,335   | 49,850  | 8.3 |
| Lugari             | 198,226   | 191,438   | 6,788   | 3.4 |
| Teso               | 171,044   | 164,333   | 6,711   | 3.9 |
| Vihiga             | 502,340   | 464,003   | 38,337  | 7.6 |
| Butere/Mumias      | 460,625   | 438,409   | 22,216  | 4.8 |

2.1.3 Recent Net Migrants

Recent net migrants (obtained by subtracting recent out-migrants from recent in-migrants) represents the net effect of recent population movements. Regions that experience positive recent net migration have the immediate burden of providing various social amenities required by the new population, notwithstanding some gains that may accrue from the migrants. Table 2.3 depicts the net population flows at district level. A total of 25 (out of 69) districts had a negative net migration with the majority being in Eastern and Western provinces. Other than Nairobi and Mombasa, only four rural districts (Nakuru, Kajiado, Uasin Gishu and Laikipia), all in Rift Valley province, recorded a net gain of at least 20,000 recent migrants.

Table 2.3 Distribution of Recent Net Migrants by District, 1999

| District             | Recent In-migrants | Recent Out-migrants | Recent Net migrants |
|----------------------|--------------------|---------------------|---------------------|
| <b>NAIROBI</b>       | <b>341,963</b>     | <b>149,853</b>      | <b>192,110</b>      |
| <b>CENTRAL</b>       | <b>140,299</b>     | <b>118,730</b>      | <b>21,569</b>       |
| Kiambu               | 49,512             | 33,644              | 15,868              |
| Kirinyaga            | 13,249             | 13,225              | 24                  |
| Murang'a             | 10,511             | 38,685              | -28,174             |
| Nyandarua            | 25,725             | 20,992              | 4,733               |
| Nyeri                | 25,243             | 36,710              | -11,467             |
| Thika                | 58,283             | 20,502              | 37,781              |
| Maragua              | 11,209             | 8,405               | 2,804               |
| <b>COAST</b>         | <b>115,408</b>     | <b>46,988</b>       | <b>68,420</b>       |
| Kilifi               | 15,152             | 17,966              | -2,814              |
| Kwale                | 17,544             | 14,103              | 3,441               |
| Lamu                 | 4,945              | 3,431               | 1,514               |
| Mombasa              | 102,234            | 44,311              | 57,923              |
| Taita Taveta         | 13,835             | 12,837              | 998                 |
| Tana River           | 8,020              | 4,471               | 3,549               |
| Malindi              | 11,032             | 7,223               | 3,809               |
| <b>EASTERN</b>       | <b>118,551</b>     | <b>161,154</b>      | <b>-42,603</b>      |
| Embu                 | 13,554             | 13,486              | 68                  |
| Isiolo               | 5,637              | 5,907               | -270                |
| Kitui                | 11,846             | 35,047              | -23,201             |
| Makueni              | 25,093             | 31,919              | -6,826              |
| Machakos             | 52,730             | 54,857              | -2,127              |
| Marsabit             | 2,036              | 3,642               | -1,606              |
| Mbeere               | 11,847             | 6,272               | 5,575               |
| Meru Central         | 19,172             | 13,577              | 5,595               |
| Moyale               | 3,355              | 3,124               | 231                 |
| Mwingi               | 4,603              | 20,069              | -15,466             |
| Meru North           | 10,552             | 9,453               | 1,099               |
| Tharaka              | 1,945              | 3,623               | -1,678              |
| Nithi                | 4,913              | 8,910               | -3,997              |
| <b>NORTH EASTERN</b> | <b>9,851</b>       | <b>17,406</b>       | <b>-7,555</b>       |
| Garissa              | 5,757              | 9,416               | -3,659              |
| Mandera              | 4,792              | 3,459               | 1,333               |
| Wajir                | 2,201              | 7,430               | -5,229              |
| <b>NYANZA</b>        | <b>164,222</b>     | <b>135,730</b>      | <b>28,492</b>       |
| Gucha                | 18,144             | 18,505              | -361                |
| Homa Bay             | 18,561             | 23,075              | -4,514              |
| Kisii Central        | 24,884             | 24,001              | 883                 |
| Kisumu               | 52,078             | 51,270              | 808                 |
| Kuria                | 4,249              | 3,585               | 664                 |
| Migori               | 27,226             | 23,452              | 3,774               |
| Nyamira              | 25,232             | 19,080              | 6,152               |
| Rachuonyo            | 26,703             | 21,587              | 5,116               |
| Siaya                | 33,834             | 44,296              | -10,462             |

**Table 2.3 Distribution of Recent Net migrants by District, 1999 (Continued)**

|                    |         |         |         |
|--------------------|---------|---------|---------|
| Suba               | 14,136  | 8,540   | 5,596   |
| Bondo              | 24,874  | 12,070  | 12,804  |
| Nyando             | 22,909  | 14,877  | 8,032   |
| <b>RIFT VALLEY</b> | 287,061 | 119,586 | 167,475 |
| Baringo            | 10,459  | 9,656   | 803     |
| Bomet              | 15,981  | 19,883  | -3,902  |
| Keiyo              | 6,880   | 6,421   | 459     |
| Kajiado            | 37,084  | 9,361   | 27,723  |
| Kericho            | 22,593  | 22,531  | 62      |
| Koibatek           | 7,643   | 5,975   | 1,668   |
| Laikipia           | 36,936  | 15,079  | 21,857  |
| Marakwet           | 3,771   | 6,737   | -2,966  |
| Nakuru             | 94,950  | 56,485  | 38,465  |
| Nandi              | 28,387  | 18,245  | 10,142  |
| Narok              | 28,464  | 8,945   | 19,519  |
| Samburu            | 7,571   | 5,506   | 2,065   |
| Trans Mara         | 9,416   | 6,032   | 3,384   |
| Trans Nzoia        | 35,565  | 23,722  | 11,843  |
| Turkana            | 6,513   | 9,326   | -2,813  |
| Uasin Gishu        | 49,204  | 26,242  | 22,962  |
| West Pokot         | 5,279   | 4,257   | 1,022   |
| Buret              | 21,213  | 6,031   | 15,182  |
| <b>WESTERN</b>     | 87,747  | 141,785 | -54,038 |
| Bungoma            | 23,945  | 34,311  | -10,366 |
| Busia              | 15,267  | 24,958  | -9,691  |
| Mt. Elgon          | 3,633   | 4,931   | -1,298  |
| Kakamega           | 29,984  | 49,850  | -19,866 |
| Lugari             | 15,365  | 6,788   | 8,577   |
| Teso               | 8,029   | 6,711   | 1,318   |
| Vihiga             | 18,569  | 38,337  | -19,768 |
| Butere/Mumias      | 19,272  | 22,216  | -2,944  |

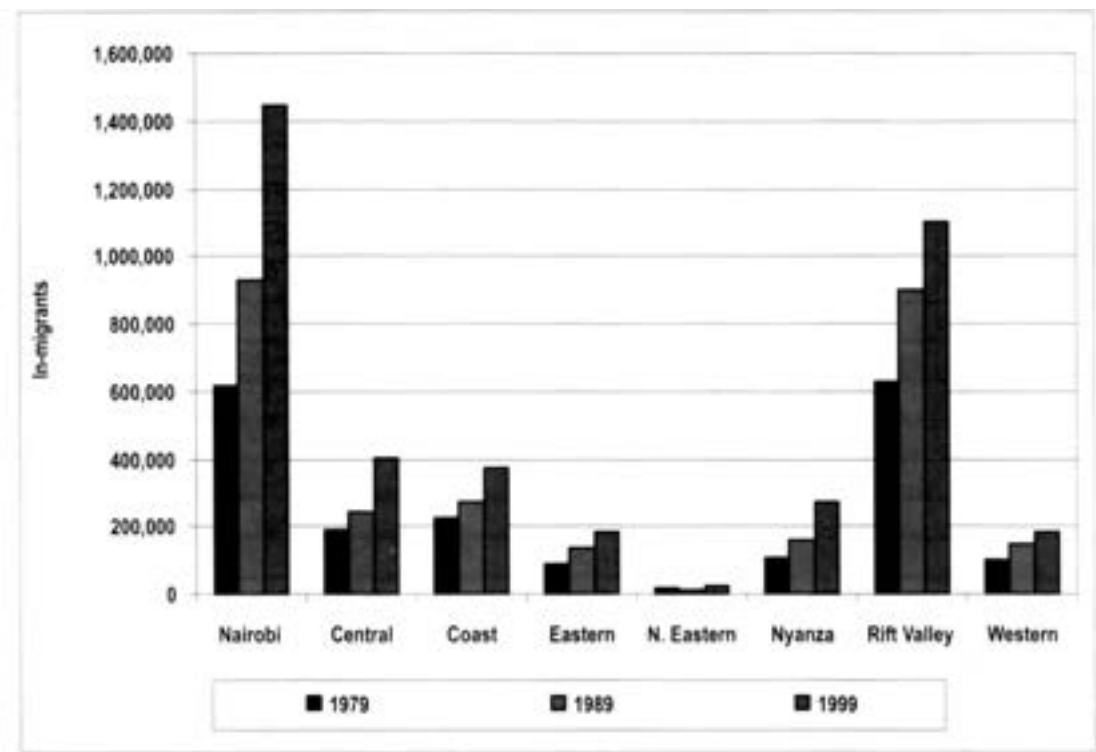
## 2.2 Lifetime Migration

A person whose district of enumeration differed from his/her district of birth was a lifetime migrant. The exact date of movement cannot be determined as migration that occurred some years earlier places migrants in the same category as those who moved a short while before the census.

### 2.2.1 Lifetime In-migrants

Information on patterns of lifetime in-migration was enriched by information pertaining to the place of birth and place of enumeration for each province as tabulated in Appendix 1. Figure 2.1 illustrates the trend of lifetime in-migrants at the provincial level. Nairobi and Rift Valley provinces were the main regions of lifetime in-migration. Other than the levels, the trend and pattern of migration for the years 1979-1999 had remained the same in all the provinces, suggesting that the reasons for in-migration for the individual provinces had hardly changed.

Figure 2.1 Trends in Lifetime In-migrants by Province, 1979-99



The level and pattern of lifetime in-migrants by district are summarized in Table 2.4. Out of the 69 districts, 23 (33%) had at least 20 percent of their enumerated populations as lifetime in-migrants. These districts were as follows: Nairobi (69%), Mombasa (57%), Laikipia (48%), Nakuru (40%), Uasin Gishu (39%), Lugari (37%), Thika (35%), Kisumu (34%), Trans Nzoia (33%), Kajiado (33%), Nyandarua (33%), Lamu (29%), Suba (28%), Bondo (27%), Rachuonyo (25%), Homa Bay (24%), Nyando (24%), Narok (23%), Buret (23%), Kiambu (22%), Isiolo (22%), Migori (21%) and Kericho (21%). Among the possible underlying causes of in-migration to these districts include the existence of a high agricultural potential (Uasin Gishu, Trans Nzoia, Nakuru, Lugari and Narok) and the attraction from large urban centres (Nairobi, Mombasa, Kisumu and Thika).

An equal number of districts (24) had less than 10 percent of their enumerated populations as lifetime in-migrants. Possible explanations for the low in-migration rates in these districts relate to either existence of very harsh environmental conditions (districts of North Eastern province, Turkana, West Pokot, Samburu, Baringo and Marsabit) or high population densities (Vihiga, Murang'a, Kirinyaga and Maragua). Analysis by sex shows that male dominance in lifetime migration is no more. In 1999, there were more female lifetime in-migrants than recorded in previous censuses. For example, 64 percent of the districts in 1999 had more female than male lifetime in-migrants as compared to 34 percent in 1989. It was evident that more females were migrating than ever before with 7 percent of the districts (5 out of 69) - all in Western Kenya - reporting sex ratios of 50 and below.

Table 2.4 Distribution of Lifetime In-migrants by District, 1999

| District             | Number<br>enumerated<br>in district | Number born &<br>enumerated in<br>district | In-migrants      |                                     | Sex<br>Ratio |
|----------------------|-------------------------------------|--------------------------------------------|------------------|-------------------------------------|--------------|
|                      |                                     |                                            | Number           | % share of<br>enumerated population |              |
| <b>NAIROBI</b>       | <b>2,083,509</b>                    | <b>638,700</b>                             | <b>1,444,809</b> | <b>69.3</b>                         | <b>121</b>   |
| <b>CENTRAL</b>       | <b>3,683,003</b>                    | <b>3,279,982</b>                           | <b>403,021</b>   | <b>10.9</b>                         | <b>91</b>    |
| Kiambu               | 737,535                             | 575,655                                    | 161,880          | 21.9                                | 95           |
| Kirinyaga            | 454,231                             | 414,048                                    | 40,183           | 8.8                                 | 88           |
| Murang'a             | 348,089                             | 322,850                                    | 25,239           | 7.3                                 | 62           |
| Nyandarua            | 468,458                             | 315,217                                    | 153,241          | 32.7                                | 86           |
| Nyeri                | 647,887                             | 576,541                                    | 71,346           | 11.0                                | 85           |
| Thika                | 641,503                             | 417,183                                    | 224,320          | 35.0                                | 102          |
| Maragua              | 385,300                             | 348,667                                    | 36,633           | 9.5                                 | 69           |
| <b>COAST</b>         | <b>2,442,056</b>                    | <b>2,065,964</b>                           | <b>376,092</b>   | <b>15.4</b>                         | <b>122</b>   |
| Kilifi               | 540,861                             | 494,067                                    | 46,794           | 8.7                                 | 103          |
| Kwale                | 490,973                             | 440,868                                    | 50,105           | 10.2                                | 108          |
| Lamu                 | 71,215                              | 50,673                                     | 20,542           | 28.8                                | 122          |
| Mombasa              | 643,168                             | 278,141                                    | 365,027          | 56.8                                | 130          |
| Taita Taveta         | 241,963                             | 199,494                                    | 42,469           | 17.6                                | 117          |
| Tana River           | 178,609                             | 155,405                                    | 23,204           | 13.0                                | 115          |
| Malindi              | 275,267                             | 230,735                                    | 44,532           | 16.2                                | 110          |
| <b>EASTERN</b>       | <b>4,591,175</b>                    | <b>4,405,330</b>                           | <b>185,845</b>   | <b>4.0</b>                          | <b>94</b>    |
| Embu                 | 273,545                             | 242,216                                    | 31,329           | 11.5                                | 84           |
| Isiolo               | 98,971                              | 77,480                                     | 21,491           | 21.7                                | 110          |
| Kitui                | 509,140                             | 481,276                                    | 27,864           | 5.5                                 | 83           |
| Makueni              | 766,214                             | 705,092                                    | 61,122           | 8.0                                 | 84           |
| Machakos             | 896,785                             | 803,824                                    | 92,961           | 10.4                                | 98           |
| Marsabit             | 119,935                             | 111,539                                    | 8,396            | 7.0                                 | 121          |
| Mbeere               | 170,271                             | 139,244                                    | 31,027           | 18.2                                | 87           |
| Meru Central         | 495,495                             | 449,693                                    | 45,802           | 9.2                                 | 107          |
| Moyale               | 52,582                              | 44,006                                     | 8,576            | 16.3                                | 103          |
| Mwingi               | 301,695                             | 290,254                                    | 11,441           | 3.8                                 | 75           |
| Meru North           | 600,905                             | 581,067                                    | 19,838           | 3.3                                 | 119          |
| Tharaka              | 100,779                             | 96,564                                     | 4,215            | 4.2                                 | 88           |
| Nithi                | 204,858                             | 193,525                                    | 11,333           | 5.5                                 | 69           |
| <b>NORTH EASTERN</b> | <b>828,577</b>                      | <b>807,660</b>                             | <b>20,917</b>    | <b>2.5</b>                          | <b>129</b>   |
| Garissa              | 262,997                             | 246,713                                    | 16,284           | 6.2                                 | 130          |
| Mandera              | 248,154                             | 238,019                                    | 10,135           | 4.1                                 | 128          |
| Wajir                | 317,426                             | 312,465                                    | 4,961            | 1.6                                 | 126          |
| <b>NYANZA</b>        | <b>4,344,770</b>                    | <b>4,069,233</b>                           | <b>275,537</b>   | <b>6.3</b>                          | <b>55</b>    |
| Gucha                | 458,285                             | 429,268                                    | 29,017           | 6.3                                 | 38           |
| Homa Bay             | 285,936                             | 217,227                                    | 68,709           | 24.0                                | 34           |
| Kisii Central        | 485,798                             | 429,736                                    | 56,062           | 11.5                                | 50           |
| Kisumu               | 495,464                             | 326,463                                    | 169,001          | 34.1                                | 79           |
| Kuria                | 150,156                             | 136,924                                    | 13,232           | 8.8                                 | 76           |
| Migori               | 506,779                             | 401,089                                    | 105,690          | 20.9                                | 52           |
| Nyamira              | 496,095                             | 442,567                                    | 53,528           | 10.8                                | 67           |

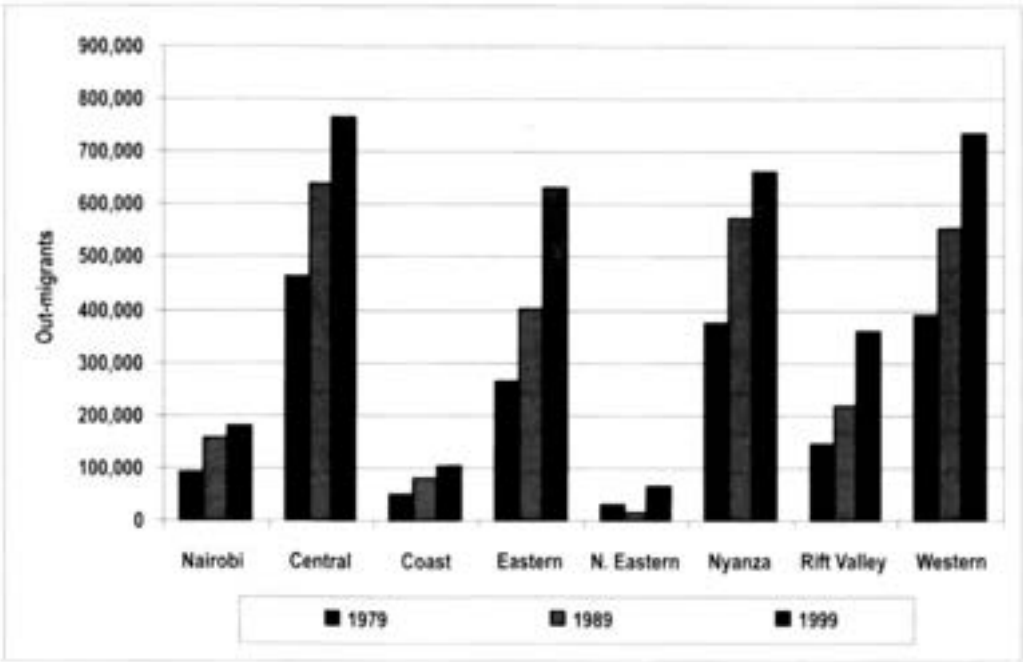
**Table 2.4 Distribution of Lifetime In-migrants by District, 1999 (Continued)**

|               |           |           |           |      |     |
|---------------|-----------|-----------|-----------|------|-----|
| Rachuonyo     | 305,068   | 228,681   | 76,387    | 25.0 | 31  |
| Siaya         | 477,415   | 407,314   | 70,101    | 14.7 | 59  |
| Suba          | 154,673   | 111,865   | 42,808    | 27.7 | 53  |
| Bondo         | 235,959   | 173,514   | 62,445    | 26.5 | 58  |
| Nyando        | 293,142   | 223,009   | 70,133    | 23.9 | 56  |
| RIFT VALLEY   | 6,845,642 | 5,744,052 | 1,101,590 | 16.1 | 100 |
| Baringo       | 263,968   | 242,326   | 21,642    | 8.2  | 90  |
| Bomet         | 378,923   | 346,257   | 32,666    | 8.6  | 75  |
| Keiyo         | 143,179   | 122,061   | 21,118    | 14.7 | 83  |
| Kajiado       | 395,954   | 265,156   | 130,798   | 33.0 | 109 |
| Kericho       | 461,651   | 367,023   | 94,628    | 20.5 | 108 |
| Koibatek      | 136,622   | 110,039   | 26,583    | 19.5 | 95  |
| Laikipia      | 316,897   | 164,069   | 152,828   | 48.2 | 97  |
| Marakwet      | 139,838   | 125,003   | 14,835    | 10.6 | 96  |
| Nakuru        | 1,177,537 | 707,564   | 469,973   | 39.9 | 102 |
| Nandi         | 569,590   | 457,873   | 111,717   | 19.6 | 97  |
| Narok         | 360,551   | 276,899   | 83,652    | 23.2 | 103 |
| Samburu       | 142,065   | 129,892   | 12,173    | 8.6  | 102 |
| Trans Mara    | 169,160   | 138,747   | 30,413    | 18.0 | 89  |
| Trans Nzoia   | 568,498   | 378,447   | 190,051   | 33.4 | 93  |
| Turkana       | 389,319   | 375,599   | 13,720    | 3.5  | 133 |
| Uasin Gishu   | 613,485   | 374,792   | 238,693   | 38.9 | 101 |
| West Pokot    | 305,583   | 287,198   | 18,385    | 6.0  | 95  |
| Buret         | 312,822   | 241,095   | 71,727    | 22.9 | 119 |
| WESTERN       | 3,341,190 | 3,155,861 | 185,329   | 5.5  | 63  |
| Bungoma       | 870,761   | 781,293   | 89,468    | 10.3 | 69  |
| Busia         | 367,910   | 318,771   | 49,139    | 13.4 | 55  |
| Mt. Elgon     | 134,897   | 122,355   | 12,542    | 9.3  | 58  |
| Kakamega      | 599,199   | 529,037   | 70,162    | 11.7 | 63  |
| Lugari        | 215,018   | 136,223   | 78,795    | 36.6 | 76  |
| Teso          | 180,253   | 155,010   | 25,243    | 14.0 | 66  |
| Vihiga        | 497,306   | 469,429   | 27,877    | 5.6  | 52  |
| Butere/Mumias | 475,846   | 416,552   | 59,294    | 12.5 | 48  |

### 2.2.2 Lifetime Out-Migrants

An assessment of the trend and pattern of population outflow at provincial level shows that Central, Eastern, Nyanza and Western provinces recorded significant out-migration levels as summarized in Figure 2.2. The trend and pattern of lifetime out-migration in 1999 was similar to those observed for the period 1979-1989. It could be hypothesized that the underlying reasons for out-migration in these provinces had remained the same during the 1979-89 and 1989-99 intercensal periods.

Figure 2.2 Trends in Lifetime Out-migrants by Province, 1979-99



At district level, Table 2.5 depicts the situation of lifetime out-migration as reported in 1999. Districts which reported an outflow of between 20 and 29 percent included Nairobi, Nyandarua, Lamu, Mombasa, Taita Taveta, Kitui, Machakos, Moyale, Kisii Central, Suba, Bondo, Nyando, Bomet, Keiyo, Kericho, Laikipia, Busia and Kakamega. While the level of lifetime out-migration in Kiambu, Nyeri, Homa Bay, Kisumu, Rachuonyo, Siaya and Vihiga districts was between 30 and 39 percent of the population born in these districts, Murang'a district had the highest rate of out-migration at 47 percent. As was with the case of lifetime in-migrants, there were more female than male lifetime out-migrants in 1999 - while 58 percent of the districts had sex ratios of less than 100, the comparative proportion in 1989 was 34 percent.

Table 2.5 Distribution of Lifetime Out-migrants by District, 1999

| District  | Number born in district | Number born & enumerated in district | Out-migrants |                              | Sex Ratio |
|-----------|-------------------------|--------------------------------------|--------------|------------------------------|-----------|
|           |                         |                                      | Number       | % of number born in district |           |
| NAIROBI   | 817,799                 | 638,700                              | 179,099      | 21.9                         | 98        |
| CENTRAL   | 4,046,206               | 3,279,982                            | 766,224      | 18.9                         | 91        |
| Kiambu    | 834,560                 | 575,655                              | 258,905      | 31.0                         | 87        |
| Kirinyaga | 477,927                 | 414,048                              | 63,879       | 13.4                         | 85        |
| Murang'a  | 605,910                 | 322,850                              | 283,060      | 46.7                         | 92        |
| Nyandarua | 406,504                 | 315,217                              | 91,287       | 22.5                         | 87        |
| Nyeri     | 838,813                 | 576,541                              | 262,272      | 31.3                         | 94        |
| Thika     | 493,196                 | 417,183                              | 76,013       | 15.4                         | 91        |
| Maragua   | 389,296                 | 348,667                              | 40,629       | 10.4                         | 107       |
| COAST     | 2,167,571               | 2,065,964                            | 101,607      | 4.7                          | 113       |
| Kilifi    | 574,369                 | 494,067                              | 80,302       | 14.0                         | 133       |
| Kwale     | 497,018                 | 440,868                              | 56,150       | 11.3                         | 125       |
| Lamu      | 64,537                  | 50,673                               | 13,864       | 21.5                         | 96        |

**Table 2.5 Distribution of Lifetime Out-migrants by District, 1999 (Continued)**

|               |           |           |         |      |     |
|---------------|-----------|-----------|---------|------|-----|
| Mombasa       | 354,286   | 278,141   | 76,145  | 21.5 | 99  |
| Taita Taveta  | 258,020   | 199,494   | 58,526  | 22.7 | 97  |
| Tana River    | 170,615   | 155,405   | 15,210  | 8.9  | 128 |
| Malindi       | 248,726   | 230,735   | 17,991  | 7.2  | 114 |
| EASTERN       | 5,037,858 | 4,405,330 | 632,528 | 12.6 | 115 |
| Embu          | 295,508   | 242,216   | 53,292  | 18.0 | 92  |
| Isiolo        | 96,541    | 77,480    | 19,061  | 19.7 | 111 |
| Kitui         | 602,375   | 481,276   | 121,099 | 20.1 | 131 |
| Makueni       | 837,652   | 705,092   | 132,560 | 15.8 | 119 |
| Machakos      | 1,073,583 | 803,824   | 269,759 | 25.1 | 106 |
| Marsabit      | 123,927   | 111,539   | 12,388  | 10.0 | 139 |
| Mbeere        | 157,047   | 139,244   | 17,803  | 11.3 | 124 |
| Meru Central  | 503,095   | 449,693   | 53,402  | 10.6 | 98  |
| Moyale        | 57,862    | 44,006    | 13,856  | 23.9 | 136 |
| Mwingi        | 341,998   | 290,254   | 51,744  | 15.1 | 154 |
| Meru North    | 613,793   | 581,067   | 32,726  | 5.3  | 128 |
| Tharaka       | 107,801   | 96,564    | 11,237  | 10.4 | 129 |
| Nithi         | 226,676   | 193,525   | 33,151  | 14.6 | 96  |
| NORTH EASTERN | 872,297   | 807,660   | 64,637  | 7.4  | 114 |
| Garissa       | 273,548   | 246,713   | 26,835  | 9.8  | 114 |
| Mandera       | 259,950   | 238,019   | 21,931  | 8.4  | 118 |
| Wajir         | 338,799   | 312,465   | 26,334  | 7.8  | 112 |
| NYANZA        | 4,733,260 | 4,069,233 | 664,027 | 14.0 | 78  |
| Gucha         | 513,639   | 429,268   | 84,371  | 16.4 | 104 |
| Homa Bay      | 321,013   | 217,227   | 103,786 | 32.3 | 63  |
| Kisii Central | 550,115   | 429,736   | 120,379 | 21.9 | 91  |
| Kisumu        | 521,051   | 326,463   | 194,588 | 37.3 | 79  |
| Kuria         | 148,658   | 136,924   | 11,734  | 7.9  | 111 |
| Migori        | 478,081   | 401,089   | 76,992  | 16.1 | 64  |
| Nyamira       | 542,676   | 442,567   | 100,109 | 18.4 | 97  |
| Rachuonyo     | 341,800   | 228,681   | 113,119 | 33.1 | 60  |
| Siaya         | 657,072   | 407,314   | 249,758 | 38.0 | 86  |
| Suba          | 144,545   | 111,865   | 32,680  | 22.6 | 58  |
| Bondo         | 226,555   | 173,514   | 53,041  | 23.4 | 77  |
| Nyando        | 288,055   | 223,009   | 65,046  | 22.6 | 58  |
| RIFT VALLEY   | 6,105,282 | 5,744,052 | 361,230 | 5.9  | 97  |
| Baringo       | 288,154   | 242,326   | 45,828  | 15.9 | 106 |
| Bomet         | 444,075   | 346,257   | 97,818  | 22.0 | 105 |
| Keiyo         | 157,193   | 122,061   | 35,132  | 22.3 | 86  |
| Kajiado       | 290,968   | 265,156   | 25,812  | 8.9  | 108 |
| Kericho       | 462,861   | 367,023   | 95,838  | 20.7 | 96  |
| Koibatek      | 137,334   | 110,039   | 27,295  | 19.9 | 92  |
| Laikipia      | 208,946   | 164,069   | 44,877  | 21.5 | 94  |
| Marakwet      | 149,909   | 125,003   | 24,906  | 16.6 | 103 |
| Nakuru        | 873,147   | 707,564   | 165,583 | 19.0 | 92  |
| Nandi         | 553,433   | 457,873   | 95,560  | 17.3 | 90  |
| Narok         | 306,479   | 276,899   | 29,580  | 9.7  | 100 |

**Table 2.5 Distribution of Lifetime Out-migrants by District, 1999 (Continued)**

|                |           |           |         |      |     |
|----------------|-----------|-----------|---------|------|-----|
| Samburu        | 156,393   | 129,892   | 26,501  | 16.9 | 121 |
| Trans Mara     | 156,849   | 138,747   | 18,102  | 11.5 | 107 |
| Trans Nzoia    | 458,904   | 378,447   | 80,457  | 17.5 | 89  |
| Turkana        | 420,827   | 375,599   | 45,228  | 10.7 | 141 |
| Uasin Gishu    | 457,943   | 374,792   | 83,151  | 18.2 | 89  |
| West Pokot     | 305,868   | 287,198   | 18,670  | 6.1  | 102 |
| Buret          | 275,999   | 241,095   | 34,904  | 12.6 | 91  |
| <b>WESTERN</b> | 3,889,998 | 3,155,861 | 734,137 | 18.9 | 93  |
| Bungoma        | 942,179   | 781,293   | 160,886 | 17.1 | 87  |
| Busia          | 424,775   | 318,771   | 106,004 | 25.0 | 89  |
| Mt. Elgon      | 149,509   | 122,355   | 27,154  | 18.2 | 85  |
| Kakamega       | 802,872   | 529,037   | 273,835 | 34.1 | 90  |
| Lugari         | 159,799   | 136,223   | 23,576  | 14.8 | 83  |
| Teso           | 179,332   | 155,010   | 24,322  | 13.6 | 92  |
| Vihiga         | 725,652   | 469,429   | 256,223 | 35.3 | 103 |
| Butere/Mumias  | 505,880   | 416,552   | 89,328  | 17.7 | 92  |

**2.2.3 Lifetime Net Migration**

The ultimate impact of lifetime migration levels on the population of an area can be ascertained by assessing the net population flows of lifetime migrants. As shown in Table 2.6, most of the districts (44 out of 69) were net losers of lifetime migrants. The most affected districts, with at least 100,000 migrants lost, were in Central, Eastern, North Eastern, Nyanza and Western provinces. The most prominent of such districts included Murang'a, Nyeri, Machakos, Siaya, Kakamega and Vihiga. On top of the list of districts with net population inflow were Nairobi, Mombasa, Thika, Kajiado, Laikipia, Nakuru, Trans Nzoia and Uasin Gishu - all of which experienced a net migration of at least 100,000 lifetime migrants. Where the volume of in-migration was just about the same as that of out-migration, the net migration was negligible. In this group were districts such as Kuria, Kericho, Koibatek, West Pokot and Teso.

**Table 2.6 Lifetime Net Migration by District, 1999**

| District       | Lifetime In-migrants | Lifetime Out-migrants | Lifetime Net Migrants |
|----------------|----------------------|-----------------------|-----------------------|
| <b>NAIROBI</b> | <b>1,444,809</b>     | <b>179,099</b>        | <b>1,265,710</b>      |
| <b>CENTRAL</b> | <b>403,021</b>       | <b>766,224</b>        | <b>-363,203</b>       |
| Kiambu         | 161,880              | 258,905               | -97,025               |
| Kirinyaga      | 40,183               | 63,879                | -23,696               |
| Murang'a       | 25,239               | 283,060               | -257,821              |
| Nyandarua      | 153,241              | 91,287                | 61,954                |
| Nyeri          | 71,346               | 262,272               | -190,926              |
| Thika          | 224,320              | 76,013                | 148,307               |
| Maragua        | 36,633               | 40,629                | -3,996                |
| <b>COAST</b>   | <b>376,092</b>       | <b>101,607</b>        | <b>274,485</b>        |
| Kilifi         | 46,794               | 80,302                | -33,508               |
| Kwale          | 50,105               | 56,150                | -6,045                |
| Lamu           | 20,542               | 13,864                | 6,678                 |
| Mombasa        | 365,027              | 76,145                | 288,882               |
| Taita Taveta   | 42,469               | 58,526                | -16,057               |

Table 2.6 Lifetime Net Migration by District, 1999 (Continued)

|                   |           |         |          |
|-------------------|-----------|---------|----------|
| Tana River        | 23,204    | 15,210  | 7,994    |
| Malindi           | 44,532    | 17,991  | 26,541   |
| <b>EASTERN</b>    | 185,845   | 632,528 | -446,683 |
| Embu              | 31,329    | 53,292  | -21,963  |
| Isiolo            | 21,491    | 19,061  | 2,430    |
| Kitui             | 27,864    | 121,099 | -93,235  |
| Makueni           | 61,122    | 132,560 | -71,438  |
| Machakos          | 92,961    | 269,759 | -176,798 |
| Marsabit          | 8,396     | 12,388  | -3,992   |
| Mbeere            | 31,027    | 17,803  | 13,224   |
| Meru Central      | 45,802    | 53,402  | -7,600   |
| Moyale            | 8,576     | 13,856  | -5,280   |
| Mwingi            | 11,441    | 51,744  | -40,303  |
| Meru North        | 19,838    | 32,726  | -12,888  |
| Tharaka           | 4,215     | 11,237  | -7,022   |
| Nithi             | 11,333    | 33,151  | -21,818  |
| <b>N. EASTERN</b> | 20,917    | 64,637  | -43,720  |
| Garissa           | 16,284    | 26,835  | -10,551  |
| Mandera           | 10,135    | 21,931  | -11,796  |
| Wajir             | 4,961     | 26,334  | -21,373  |
| <b>NYANZA</b>     | 275,537   | 664,027 | -388,490 |
| Gucha             | 29,017    | 84,371  | -55,354  |
| Homa Bay          | 68,709    | 103,786 | -35,077  |
| Kisii Central     | 56,062    | 120,379 | -64,317  |
| Kisumu            | 169,001   | 194,588 | -25,587  |
| Kuria             | 13,232    | 11,734  | 1,498    |
| Migori            | 105,690   | 76,992  | 28,698   |
| Nyamira           | 53,528    | 100,109 | -46,581  |
| Rachuonyo         | 76,387    | 113,119 | -36,732  |
| Siaya             | 70,101    | 249,758 | -179,657 |
| Suba              | 42,808    | 32,680  | 10,128   |
| Bondo             | 62,445    | 53,041  | 9,404    |
| Nyando            | 70,133    | 65,046  | 5,087    |
| <b>R. VALLEY</b>  | 1,101,590 | 361,230 | 740,360  |
| Baringo           | 21,642    | 45,828  | -24,186  |
| Bomet             | 32,666    | 97,818  | -65,152  |
| Keiyo             | 21,118    | 35,132  | -14,014  |
| Kajiado           | 130,798   | 25,812  | 104,986  |
| Kericho           | 94,628    | 95,838  | -1,210   |
| Koibatek          | 26,583    | 27,295  | -712     |
| Laikipia          | 152,828   | 44,877  | 107,951  |
| Marakwet          | 14,835    | 24,906  | -10,071  |
| Nakuru            | 469,973   | 165,583 | 304,390  |
| Nandi             | 111,717   | 95,560  | 16,157   |
| Narok             | 83,652    | 29,580  | 54,072   |
| Samburu           | 12,173    | 26,501  | -14,328  |
| Trans Mara        | 30,413    | 18,102  | 12,311   |

Table 2.6 Lifetime Net Migration by District, 1999 (Continued)

|                |                |                |                 |
|----------------|----------------|----------------|-----------------|
| Trans Nzoia    | 190,051        | 80,457         | 109,594         |
| Turkana        | 13,720         | 45,228         | -31,508         |
| Uasin Gishu    | 238,693        | 83,151         | 155,542         |
| West Pokot     | 18,385         | 18,670         | -285            |
| Buret          | 71,727         | 34,904         | 36,823          |
| <b>WESTERN</b> | <b>185,329</b> | <b>734,137</b> | <b>-548,808</b> |
| Bungoma        | 89,468         | 160,886        | -71,418         |
| Busia          | 49,139         | 106,004        | -56,865         |
| Mt. Elgon      | 12,542         | 27,154         | -14,612         |
| Kakamega       | 70,162         | 273,835        | -203,673        |
| Lugari         | 78,795         | 23,576         | 55,219          |
| Teso           | 25,243         | 24,322         | 921             |
| Vihiga         | 27,877         | 256,223        | -228,346        |
| Butere/Mumias  | 59,294         | 89,328         | -30,034         |

2.2.4 Trends and Patterns in Lifetime Net Migration

Using census data for 1979, 1989 and 1999, Figure 2.3 illustrates trends and patterns in lifetime net migration by province during the 1979-99 period. All the provinces (except North Eastern) maintained the same trend and pattern of lifetime net migrants during the period under review. While four of the provinces (Central, Eastern, Nyanza and Western) consistently recorded net losses, three others (Nairobi, Coast and Rift Valley) experienced net gains in lifetime migrants in 1979, 1989 and 1999.

Figure 2.3 Trends in Net Migration by Province, 1979-99

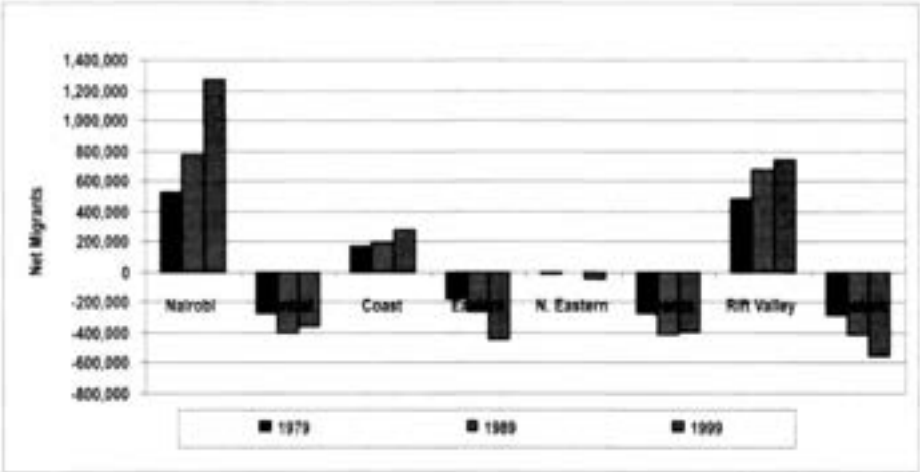


Table 2.7 shows similar trends and patterns at district level. Due to boundary changes between 1989 and 1999, 32 new districts were created. Since these new districts had no data from the previous censuses, trends and patterns on lifetime net migration could be estimated only on 37 districts. Out of the 37 districts, 27 (73%) were consistent in either gaining or losing lifetime migrants during the 1979-99 period. More (15) districts registered negative net migration with Murang'a, Nyeri, Machakos and Siaya losing at least 100,000 migrants in each of the three census years. Among the 12 districts that reported net gains, Nairobi, Mombasa, Nakuru, Thika and Uasin Gishu had at least 90,000 net migrants coming in per census year.

Table 2.7 Distribution of Lifetime Net Migrants by District, 1999

| District      | Lifetime In-migrants |         |           | Lifetime Out-migrants |         |         | Lifetime Net Migrants |          |           |
|---------------|----------------------|---------|-----------|-----------------------|---------|---------|-----------------------|----------|-----------|
|               | 1979                 | 1989    | 1999      | 1979                  | 1989    | 1999    | 1979                  | 1989     | 1999      |
| NAIROBI       | 615,942              | 930,074 | 1,444,809 | 91,570                | 157,450 | 179,099 | 524,372               | 772,624  | 1,265,710 |
| CENTRAL       | 191,102              | 242,969 | 403,021   | 465,253               | 639,782 | 766,224 | -274,151-             | 396,813  | -363,203  |
| Kiambu        | 114,599              | 171,588 | 161,880   | 222,904               | 263,753 | 258,905 | -108,305              | -92,165  | -97,025   |
| Kirinyaga     | 29,769               | 29,033  | 40,183    | 29,395                | 42,950  | 63,879  | 374                   | -13,917  | -23,696   |
| Murang'a      | 70,128               | 52,693  | 25,239    | 182,474               | 232,984 | 283,060 | -112,346              | -180,291 | -257,821  |
| Nyandarua     | 93,336               | 105,665 | 153,241   | 39,214                | 63,535  | 91,287  | 54,122                | 42,130   | 61,954    |
| Nyeri         | 46,287               | 49,316  | 71,346    | 153,011               | 201,886 | 262,272 | -106,724              | -152,570 | -190,926  |
| Thika         | -                    | -       | 224,320   | -                     | -       | 76,013  | -                     | -        | 148,307   |
| Maragua       | -                    | -       | 36,633    | -                     | -       | 40,629  | -                     | -        | -3,996    |
| COAST         | 222,229              | 275,123 | 376,092   | 47,983                | 79,940  | 101,607 | 174,246               | 195,183  | 274,485   |
| Kilifi        | 30,391               | 42,164  | 46,794    | 37,265                | 55,426  | 80,302  | -6,874                | -13,262  | -33,508   |
| Kwale         | 38,805               | 41,617  | 50,105    | 26,403                | 40,592  | 56,150  | 12,402                | 1,025    | -6,045    |
| Lamu          | 13,349               | 17,808  | 20,542    | 8,635                 | 11,463  | 13,864  | 4,714                 | 6,345    | 6,678     |
| Mombasa       | 206,878              | 266,131 | 365,027   | 38,999                | 66,774  | 76,145  | 167,879               | 199,357  | 288,882   |
| Taita Taveta  | 24,470               | 36,512  | 42,469    | 32,229                | 43,499  | 58,526  | -7,759                | -6,987   | -16,057   |
| Tana River    | 12,952               | 17,703  | 23,204    | 8,041                 | 8,998   | 15,210  | 4,911                 | 8,705    | 7,994     |
| Malindi       | -                    | -       | 44,532    | -                     | -       | 17,991  | -                     | -        | 26,541    |
| EASTERN       | 89,966               | 136,465 | 185,845   | 263,957               | 400,378 | 632,528 | -173,991              | -263,913 | 446,683   |
| Embu          | 23,956               | 31,999  | 31,329    | 23,748                | 36,715  | 53,292  | 208                   | -4,716   | -21,963   |
| Isiolo        | 10,588               | 20,679  | 21,491    | 12,107                | 13,618  | 19,061  | -1,519                | 7,061    | 2,430     |
| Kitui         | 19,694               | 34,943  | 27,864    | 71,248                | 104,513 | 121,099 | -51,554               | -69,570  | -93,235   |
| Makueni       | -                    | -       | 61,122    | -                     | -       | 132,560 | -                     | -        | -71,438   |
| Machakos      | 44,418               | 66,161  | 92,961    | 155,008               | 229,710 | 269,759 | -110,590              | -163,549 | -176,798  |
| Marsabit      | 13,004               | 14,388  | 8,396     | 11,321                | 14,218  | 12,388  | 1,683                 | 170      | -3,992    |
| Mbeere        | -                    |         | 31,027    | -                     | -       | 17,803  | -                     | -        | 13,224    |
| Meru Central  | -                    |         | 45,802    | -                     | -       | 53,402  | -                     | -        | -7,600    |
| Moyale        | -                    |         | 8,576     | -                     | -       | 13,856  | -                     | -        | -5,280    |
| Mwingi        | -                    |         | 11,441    | -                     | -       | 51,744  | -                     | -        | -40,303   |
| Meru North    | -                    |         | 19,838    | -                     | -       | 32,726  | -                     | -        | -12,888   |
| Tharaka       | -                    |         | 4,215     | -                     | -       | 11,237  | -                     | -        | -7,022    |
| Nithi         | -                    |         | 11,333    | -                     | -       | 33,151  | -                     | -        | -21,818   |
| NORTH EASTERN | 14,998               | 14,176  | 20,917    | 30,347                | 13,470  | 64,637  | -15,349               | 706      | -43,720   |
| Garissa       | 14,721               | 13,367  | 16,284    | 9,150                 | 9,952   | 26,835  | 5,571                 | 3,415    | -10,551   |
| Mandera       | 4,890                | 4,567   | 10,135    | 30,845                | 12,179  | 21,931  | -25,955               | -7,612   | -11,796   |
| Wajir         | 27,250               | 5,906   | 4,961     | 19,059                | 19,003  | 26,334  | 8,191                 | -13,097  | -21,373   |
| NYANZA        | 109,130              | 160,975 | 275,537   | 375,596               | 574,401 | 664,027 | -266,466              | -413,426 | -388,490  |
| Gucha         | -                    | -       | 29,017    | -                     | -       | 84,371  | -                     | -        | -55,354   |
| Homa Bay      | -                    | -       | 68,709    | -                     | -       | 103,786 | -                     | -        | -35,077   |
| Kisii Central | -                    | -       | 56,062    | -                     | -       | 120,379 | -                     | -        | -64,317   |
| Kisumu        | 108,738              | 151,162 | 169,001   | 133,044               | 172,663 | 194,588 | -24,306               | -21,501  | -25,587   |
| Kuria         | -                    | -       | 13,232    | -                     | -       | 11,734  | -                     | -        | 1,498     |

Table 2.7 Distribution of Lifetime Net Migrants by District, 1999 (Continued)

|               |         |         |           |         |         |         |          |          |          |
|---------------|---------|---------|-----------|---------|---------|---------|----------|----------|----------|
| Migori        | -       | -       | 105,690   | -       | -       | 76,992  | -        | -        | 28,698   |
| Nyamira       | -       | -       | 53,528    | -       | -       | 100,109 | -        | -        | -46,581  |
| Rachuonyo     | -       | -       | 76,387    | -       | -       | 113,119 | -        | -        | -36,732  |
| Siaya         | 44,616  | 64,860  | 70,101    | 178,333 | 245,096 | 249,758 | -133,717 | -180,236 | -179,657 |
| Suba          | -       | -       | 42,808    | -       | -       | 32,680  | -        | -        | 10,128   |
| Bondo         | -       | -       | 62,445    | -       | -       | 53,041  | -        | -        | 9,404    |
| Nyando        | -       | -       | 70,133    | -       | -       | 65,046  | -        | -        | 5,087    |
| RIFT VALLEY   | 625,594 | 901,347 | 1,101,590 | 146,385 | 219,507 | 361,230 | 479,209  | 681,840  | 740,360  |
| Baringo       | 13,846  | 24,123  | 21,642    | 28,528  | 42,256  | 45,828  | -14,682  | -18,133  | -24,186  |
| Bomet         | -       | -       | 32,666    | -       | -       | 97,818  | -        | -        | -65,152  |
| Keiyo         | -       | -       | 21,118    | -       | -       | 35,132  | -        | -        | -14,014  |
| Kajiado       | 39,370  | 73,167  | 130,798   | 10,531  | 15,966  | 25,812  | 28,839   | 57,201   | 104,986  |
| Kericho       | 89,391  | 117,933 | 94,628    | 83,298  | 123,773 | 95,838  | 6,093    | -5,840   | -1,210   |
| Koibatek      | -       | -       | 26,583    | -       | -       | 27,295  | -        | -        | -712     |
| Laikipia      | 75,730  | 113,055 | 152,828   | 17,787  | 27,763  | 44,877  | 57,943   | 85,292   | 107,951  |
| Marakwet      | -       | -       | 14,835    | -       | -       | 24,906  | -        | -        | -10,071  |
| Nakuru        | 263,415 | 381,586 | 469,973   | 68,258  | 106,777 | 165,583 | 195,157  | 274,809  | 304,390  |
| Nandi         | 80,160  | 86,536  | 111,717   | 71,695  | 77,436  | 95,560  | 8,465    | 9,100    | 16,157   |
| Narok         | 42,597  | 100,350 | 83,652    | 13,532  | 16,976  | 29,580  | 29,065   | 83,374   | 54,072   |
| Samburu       | 5,363   | 9,044   | 12,173    | 16,230  | 18,514  | 26,501  | -10,867  | -9,470   | -14,328  |
| Trans Mara    | -       | -       | 30,413    | -       | -       | 18,102  |          | -        | 12,311   |
| Trans Nzoia   | 121,319 | 149,691 | 190,051   | 27,725  | 49,363  | 80,457  | 93,594   | 100,328  | 109,594  |
| Turkana       | 4,413   | 8,271   | 13,720    | 25,155  | 39,457  | 45,228  | -20,742  | -31,186  | -31,508  |
| Uasin Gishu   | 149,595 | 188,487 | 238,693   | 29,041  | 55,610  | 83,151  | 120,554  | 132,877  | 155,542  |
| West Pokot    | 15,234  | 28,041  | 18,385    | 76,244  | 9,346   | 18,670  | -61,010  | 18,695   | -285     |
| Buret         | -       | -       | 71,727    | -       | -       | 34,904  |          | -        | 36,823   |
| WESTERN       | 103,181 | 149,289 | 185,329   | 390,808 | 556,658 | 734,137 | -287,627 | -407,369 | -548,808 |
| Bungoma       | 55,449  | 69,551  | 89,468    | 82,142  | 124,665 | 160,886 | -26,693  | -55,114  | -71,418  |
| Busia         | 43,936  | 52,951  | 49,139    | 56,316  | 92,182  | 106,004 | -12,380  | -39,231  | -56,865  |
| Mt. Elgon     | -       | -       | 12,542    | -       | -       | 27,154  |          | -        | -14,612  |
| Kakamega      | 59,146  | 99,717  | 70,162    | 306,854 | 4,121   | 273,835 | -247,708 | 95,596   | -203,673 |
| Lugari        | -       | -       | 78,795    | -       | -       | 23,576  |          | -        | 55,219   |
| Teso          | -       | -       | 25,243    | -       | -       | 24,322  |          | -        | 921      |
| Vihiga        | -       | -       | 27,877    | -       | -       | 256,223 |          | -        | -228,346 |
| Butere/Mumias | -       | -       | 59,294    | -       | •       | 89,328  |          | -        | -30,034  |

• Data not available since these districts were created after the 1989 census

2.3 An Overview of the Migration Situation in Kenya

The analysis of census data identified migration categories specific to six regions in the country, namely, resettlement, cash crop, marginal area, national border, Western and Eastern Kenya regions, and urban districts.

2.3.1 Migration in the Resettlement Districts

Resettlement districts were found to have similar migration patterns. The districts are marked by population net gains in all age groups. This indicates that population flows into such areas involved movements for permanent settlement. The fact that population net-flow into these resettlement districts was experienced in all age brackets means that such flows involved family movements.

This pattern of migration was largely attributable to land pressure in the districts of origin. This in-migration pattern was observed in Laikipia, Trans Nzoia, Uasin Gishu, Kajiado, Lamu and Tana River districts. The migration pattern in Uasin Gishu was, however, influenced by the relatively recent rapid growth of Eldoret town. Although the district experienced a net gain in population of adolescents and young adults aged 10-29 years, it also experienced a net loss of males in the retirement ages (50+ years).

### **2.3.2 Migration in the Cash Crop Districts**

These districts were found to register net gains in the population of young people aged between 10-19 years. This was observed in Murang'a, Kiambu, Nyeri, Embu, Kirinyaga, Nyandarua, Kericho, and Nandi districts where crops such as coffee, tea and pyrethrum are produced. This migration pattern underscores the important role children play in crop production in these districts, particularly for weeding and harvesting. Besides the observed net gains in population aged 10-19 years, all districts in Central province, with the exception of Nyandarua, experienced net gains in the population aged 50 years and above - a phenomenon that implies early retirement. More so, these may be people who had accumulated money in urban areas or otherwise, and were going back home to invest in land and/or business.

### **2.3.3 Migration in the Marginal Area Districts**

The pattern of migration in these districts was greatly influenced by nomadic lifestyles of the inhabitants. This was reflected in the migration pattern that involved movements closely associated with marginal areas. Thus, whether a district was experiencing net losses or gains in its population, such movements often affected nearly all age groups. The pattern was clearly observable in Mandera, Wajir, Garissa, Marsabit, Samburu and Turkana districts. Migration rates based on birthplace data reflected movements of the population from northern parts of Kenya to the well-watered districts further south. This may suggest that some of the nomadic families/communities had begun to settle down. It can, therefore, be assumed that sedentary settlement had already begun in these districts.

### **2.3.4 Migration within Kenyan Border Districts**

Districts located along international boundaries registered net gains in population. This suggests that people moved into Kenya from the neighbouring countries during the intercensal period. It could also suggest that Kenyans moved to these districts for the purpose of cross-border trade with their counterparts in the neighbouring countries. This phenomenon was particularly evident in Busia and West Pokot on the Kenya-Uganda border, Kajiado and Narok on the Kenya-Tanzania border, Garissa and Wajir on the Kenya-Somalia border, and Marsabit on the Kenya-Ethiopia border. Net gains of population in these districts were largely attributable to the turbulent political conditions that prevailed in most of the neighbouring countries during the 1989-99 intercensal period. Nonetheless, much of the in-migration into Kajiado and Narok districts was presumably due to those who moved in because of land pressure in their districts of origin.

### **2.3.5 Migration in the Western and Eastern Kenya Regions**

A majority of districts in Nyanza, Western and Eastern provinces were found to register net gains in the population aged 0-9 years. These were the very districts that contributed a considerable portion of migrants to the metropolitan districts of Nairobi, Mombasa, Kisumu and Nakuru. Given that these four urban centres experienced net losses of children under age 10, there is a strong possibility that rural-urban migrants from Nyanza, Western and Eastern provinces tended to send their children back home for education. This could have been propelled by the frequent shortage of places in learning institutions, particularly in kindergarten, nursery and primary schools in major urban centres. The districts receiving the children included Kitui, Machakos, Kakamega, Busia, Siaya, Rachuonyo, Homa Bay, Migori, Suba, Nyando, Migori, Vihiga, Lugari and Kuria.

All districts in Nyanza and Western provinces experienced net losses in the male population aged 10-39 years. In Kitui, Machakos, Meru and Embu districts of Eastern province, such net out-migration was experienced up to age 29. As the major urban centres tended to register net gains in male population of these age brackets, it may be concluded that the majority of the young male population lost from the rural districts was mainly received in the major urban centres. Data by place of birth indicate that the majority of out-migrants from Nyanza and Western provinces went to urban areas, mainly Nairobi and Mombasa. Young adults migrated to the urban centres presumably to benefit from better welfare and health services, educational facilities, job opportunities and other amenities concentrated in such centres. The data also indicate that the districts in Nyanza and Western provinces losing population in young ages experienced net gains in male population aged 40 years or more. This implies return migration of unsuccessful job seekers - a phenomenon observable in Siaya and in all the districts of Western province. For the districts of Eastern province, return migration was observed among those in the age brackets 50-59 and 60+ years.

### **2.3.6 Migration in Urban Districts**

The two metropolitan districts of Nairobi and Mombasa reflected the same age-specific migration pattern, suggesting that major forces attracting people into and/or repelling them from these two cities were similar. There was out-migration of children aged 0-9 years and women in the 20-30 years age brackets. This indicates some positive association in population movements within these two age groups, with the possibility of the latter being mothers of the former group. The population out-flows experienced within these two age brackets may be attributed to the acute shortage of standard one places in the major urban centres of Kenya. The migration pattern in Kisumu and Nakuru was the same as that in Nairobi and Mombasa. Net gains of population in these four urban districts were in the age groups 10-29 years for females and 10-39 years for males. These may have been mainly school dropouts, school leavers, the unemployed job seekers, and those seeking further education and training, who expected availability of opportune and better socio-economic conditions in these urban centres.

Nairobi and Mombasa experienced net losses in the age groups 30-69 for males and 20-69 for females. These could have been those who gave up job seeking in the towns; entrepreneurs who had accumulated enough money and were moving out to invest in land and/or business elsewhere; people who had completed their education and/or training; those on job transfers; and people who had attained retirement age. Thus, it could be inferred that population flows into the major urban centres in Kenya were mainly for employment purposes and not for permanent settlement.

CHAPTER THREE

DEMOGRAPHIC AND SOCIO-ECONOMIC CHARACTERISTICS OF LIFETIME MIGRANTS

3.0 Introduction

The movement of persons from one area to another not only affects the sizes of the populations of the areas of their origins and destinations, but also their respective characteristics and compositions. By virtue of their diverse regions of origin, lifetime migrants bring along various demographic and socio-economic characteristics that are generally different from those of non-migrants. This chapter discusses some of the demographic and socio-economic characteristics of lifetime migrants and their differentials by sex and district. It looks at migrants by sex, level of education, marital status, relationship to household head and economic activity.

3.1 Lifetime Migrants by Education Level Attained

Among the many factors influencing migration, the level of education attained plays a crucial part in such movements. Figure 3.1 and Table 3.1 illustrate the distribution of lifetime migrants by the level of education attained in all the provinces. The proportion of those who never attained any education is highest in North Eastern (54.0%) and lowest in Nairobi (5.3%), followed by Central province (9.4%). The completion rate for Standard 5-8 was highest in Nyanza and Central provinces, at above 35.0 percent, and lowest in North Eastern at 12.7 percent. Completion rate for Form 1-4 was highest in Nairobi, Central and Coast, at above 27.0 percent, and lowest in Nyanza and North Eastern provinces, at less than 20.0 percent. At Form 5-6, it was highest in Nairobi (2.9%), with the other provinces recording less than 2.0 percent. Given that Nyanza was one of the heavy net losers of lifetime migrants (see Section 2.2.4), it is plausible to suggest that school-leavers from Nyanza were more likely to be in larger urban centres (such as Nairobi, Mombasa, Nakuru, or Kisumu) than in the province, hence the low completion rate depicted in the data. The completion rate for Coast province might have been inflated by in-migration, due to the influence of Mombasa and the effect of the hotel employment in the tourism industry which is more dominant in Coast province than in any other province in Kenya.

Figure 3.1 Percent Distribution of Lifetime Migrants by Level of Education Attained, 1999

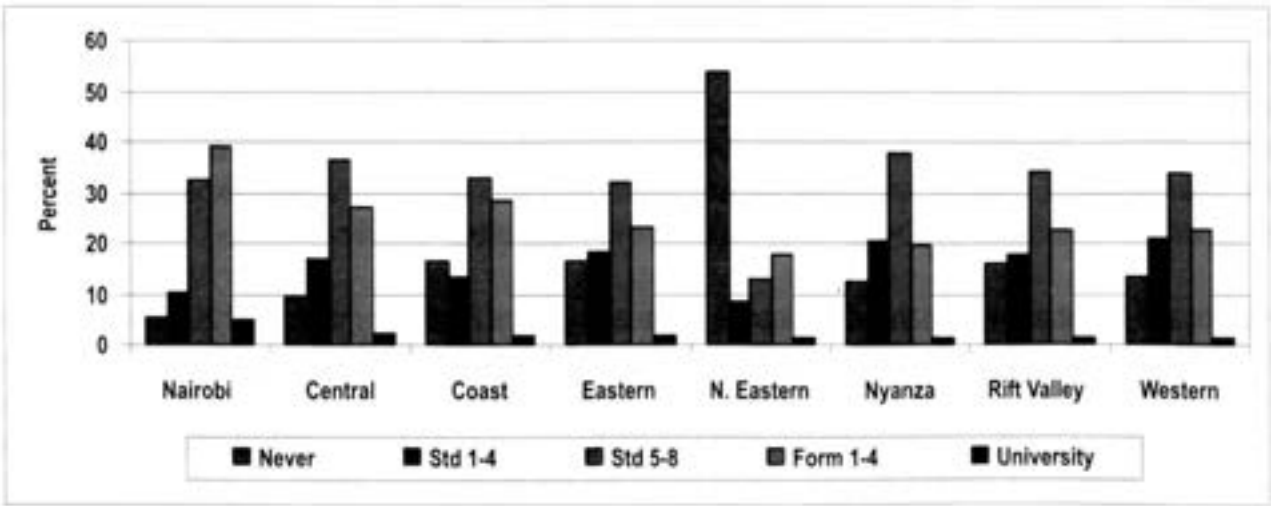


Table 3.1 Percent Distribution of Lifetime Migrants by Sex, Education Level and Province, 1999

| District      | Never | Pre-Primary | Std 1-4 | Std 5-6 | Form 1-4 | Form 5-6 | University | NS   | Total |
|---------------|-------|-------------|---------|---------|----------|----------|------------|------|-------|
| Nairobi       |       |             |         |         |          |          |            |      |       |
| Male          | 4.04  | 2.34        | 9.27    | 30.9    | 41.89    | 3.50     | 6.12       | 1.96 | 100   |
| Female        | 6.90  | 2.94        | 11.76   | 34.4    | 35.92    | 2.11     | 3.76       | 2.23 | 100   |
| Total         | 5.32  | 2.61        | 10.38   | 32.4    | 39.22    | 2.88     | 5.06       | 2.08 | 100   |
| Central       |       |             |         |         |          |          |            |      |       |
| Male          | 6.15  | 4.50        | 17.63   | 35.8    | 28.69    | 2.17     | 3.22       | 1.88 | 100   |
| Female        | 12.37 | 3.93        | 16.50   | 37.0    | 25.97    | 1.02     | 1.56       | 1.61 | 100   |
| Total         | 9.42  | 4.20        | 17.03   | 36.4    | 27.26    | 1.56     | 2.35       | 1.74 | 100   |
| Coast         |       |             |         |         |          |          |            |      |       |
| Male          | 11.90 | 3.20        | 12.94   | 33.1    | 32.43    | 2.29     | 2.24       | 1.89 | 100   |
| Female        | 22.38 | 3.82        | 14.00   | 32.2    | 23.71    | 1.00     | 1.13       | 1.81 | 100   |
| Total         | 16.58 | 3.48        | 13.41   | 32.7    | 28.53    | 1.71     | 1.74       | 1.86 | 100   |
| Eastern       |       |             |         |         |          |          |            |      |       |
| Male          | 12.95 | 5.24        | 19.64   | 31.3    | 24.63    | 1.80     | 2.48       | 1.91 | 100   |
| Female        | 19.71 | 4.55        | 17.27   | 32.6    | 22.00    | 0.87     | 1.24       | 1.79 | 100   |
| Total         | 16.45 | 4.88        | 18.42   | 32.0    | 23.27    | 1.32     | 1.84       | 1.85 | 100   |
| North Eastern |       |             |         |         |          |          |            |      |       |
| Male          | 44.65 | 2.29        | 9.24    | 13.9    | 24.20    | 1.72     | 2.01       | 1.96 | 100   |
| Female        | 66.13 | 2.04        | 7.82    | 11.2    | 9.97     | 0.26     | 0.44       | 2.15 | 100   |
| Total         | 53.98 | 2.18        | 8.62    | 12.7    | 18.02    | 1.09     | 1.33       | 2.04 | 100   |
| Nyanza        |       |             |         |         |          |          |            |      |       |
| Male          | 4.75  | 7.44        | 21.12   | 34.0    | 24.90    | 2.04     | 2.63       | 3.13 | 100   |
| Female        | 16.40 | 4.41        | 19.83   | 39.6    | 16.52    | 0.48     | 0.65       | 2.12 | 100   |
| Total         | 12.40 | 5.45        | 20.27   | 37.7    | 19.40    | 1.02     | 1.33       | 2.46 | 100   |
| Rift Valley   |       |             |         |         |          |          |            |      |       |
| Male          | 11.94 | 4.80        | 18.06   | 34.0    | 25.51    | 1.70     | 1.98       | 2.03 | 100   |
| Female        | 20.34 | 4.64        | 17.69   | 34.2    | 19.68    | 0.68     | 0.91       | 1.86 | 100   |
| Total         | 16.13 | 4.72        | 17.87   | 34.1    | 22.6     | 1.19     | 1.45       | 1.95 | 100   |
| Western       |       |             |         |         |          |          |            |      |       |
| Male          | 7.73  | 7.12        | 22.17   | 30.6    | 26.37    | 2.25     | 2.10       | 1.69 | 100   |
| Female        | 16.51 | 4.56        | 20.38   | 35.9    | 20.28    | 0.64     | 0.62       | 1.15 | 100   |
| Total         | 13.20 | 5.52        | 21.06   | 33.9    | 22.58    | 1.25     | 1.18       | 1.35 | 100   |

Appendix 3 shows a diverse pattern in the level of education attained by lifetime migrants by sex and district. The distribution of lifetime migrants by education at the district level is similar to the pattern at provincial level. The following districts reported the highest completion rates for Standard 5-8: Homa Bay, Migori, Rachuonyo and Suba, all at more than 40.0 percent. The lowest completion rates for the same level were noted in Moyale, Mandera and Wajir districts - at less than 10.0 percent. At Form 1-4 level, Nairobi had the highest completion rate of 39.2 percent. Conversely, Moyale and Mandera districts had the lowest completion rates of 8.3 percent and 9.2 percent respectively.

3.2 Lifetime Migrants by Marital Status

The distributions of lifetime migrants by marital status by province and district are summarized in

Table 3.2 and Appendix 3 respectively. In all the provinces and districts, majority of the migrants were either single or married. In all the districts, with the exception of Nairobi, majority of the migrants who were single were males. Apart from Turkana, Meru Central and Machakos districts that had the highest level of single migrants (at 40.0% and above), the rest of the districts reported lower proportions. In Nairobi, Thika, Isiolo and Turkana the migrants who were married were mainly male unlike in the other remaining districts where married female migrants were dominant. Those married were highest in Nyanza province (66.1%), followed closely by Western (65.6%) and Rift Valley (63.8%) provinces.

The widowed were higher among the female than the male migrants in all the districts. However, some of the districts in Nyanza province had the highest proportions of widowed migrants including Rachuonyo (10.0%), Siaya (8.5%), Homa Bay (8.5%), Nyando (8.0%), Bondo (8.0%), Migori (7.5%) and Suba (7.4%). The lowest rates were recorded in Buret (1.2%), Nairobi (1.3%) and Turkana (1.3%) districts.

The proportions of female migrants who were separated and/or divorced were also higher than those of their male counterparts in all the districts. Generally, it was observed that districts in Coast and North Eastern provinces had the highest rates of migrants who were separated and/or divorced. For instance, Lamu and Kwale recorded the highest rates at 4.8 percent and 4.1 percent, respectively, while Taita Taveta, Tana River, Kilifi and Malindi recorded levels of more than 2.5 percent. This could be due to religious influence, particularly, the Islamic teaching which easily allows for separation and/or divorce depending on the circumstances. On the contrary, the lowest rates were experienced among the migrants in Nyanza province, particularly, in Homa Bay, Rachuonyo, Kisii Central, Gucha, Migori, and Nyamira, which recorded less than one percent. This could be explained by socio-cultural factors in the region - for example, Luo and Kisii cultures do not embrace divorce.

**Table 3.2 Percentage Distribution of Lifetime Migrants by Sex, Marital Status and Province, 1999**

| District      | Single | Married | Separated/<br>Divorced | Widowed | Total |
|---------------|--------|---------|------------------------|---------|-------|
| Nairobi       |        |         |                        |         |       |
| Male          | 37.74  | 61.14   | 0.40                   | 0.70    | 100   |
| Female        | 39.85  | 54.65   | 2.33                   | 3.20    | 100   |
| Total         | 38.67  | 58.28   | 1.25                   | 1.80    | 100   |
| Central       |        |         |                        |         |       |
| Male          | 40.58  | 57.25   | 0.70                   | 1.47    | 100   |
| Female        | 29.94  | 61.66   | 5.10                   | 3.29    | 100   |
| Total         | 34.96  | 59.58   | 3.02                   | 2.43    | 100   |
| Coast         |        |         |                        |         |       |
| Male          | 39.38  | 58.41   | 0.69                   | 1.53    | 100   |
| Female        | 29.37  | 62.02   | 4.24                   | 4.37    | 100   |
| Total         | 34.99  | 59.99   | 2.25                   | 2.77    | 100   |
| Eastern       |        |         |                        |         |       |
| Male          | 43.29  | 54.13   | 0.70                   | 1.88    | 100   |
| Female        | 29.59  | 62.69   | 4.76                   | 2.97    | 100   |
| Total         | 36.15  | 58.59   | 2.81                   | 2.45    | 100   |
| North Eastern |        |         |                        |         |       |
| Male          | 46.61  | 50.89   | 0.94                   | 1.56    | 100   |
| Female        | 28.42  | 58.92   | 7.19                   | 5.47    | 100   |
| Total         | 38.87  | 54.31   | 3.60                   | 3.22    | 100   |
| Nyanza        |        |         |                        |         |       |
| Male          | 45.09  | 53.14   | 0.71                   | 1.06    | 100   |
| Female        | 17.11  | 72.29   | 9.65                   | 0.94    | 100   |
| Total         | 26.09  | 66.14   | 6.78                   | 0.98    | 100   |

**Table 3.2 Percentage Distribution of Lifetime Migrants by Sex, Marital Status and Province, 1999  
(Continued)**

|             |       |       |      |      |     |
|-------------|-------|-------|------|------|-----|
| Rift Valley |       |       |      |      |     |
| Male        | 36.31 | 61.79 | 0.60 | 1.30 | 100 |
| Female      | 26.63 | 65.80 | 4.61 | 2.97 | 100 |
| Total       | 31.50 | 63.78 | 2.59 | 2.13 | 100 |
| Western     |       |       |      |      |     |
| Male        | 42.14 | 55.56 | 0.70 | 1.60 | 100 |
| Female      | 20.36 | 71.29 | 6.26 | 2.09 | 100 |
| Total       | 28.19 | 65.63 | 4.26 | 1.91 | 100 |

**3.3 Lifetime Migrants by Relationship to Household Head**

Table 3.3 and Appendix 4 show the percentage distribution of lifetime migrants by their relationship to the head of household by province and district respectively. In all the districts, the relationship of the migrants to the head of the household was dominated by three categories: those who reported to be heads of the household, children of the head of the household and relatives to the head of the household. This situation is plausible and in conformity with the female and male net migration rates and trends, at all ages, at the district level. The net migration rates by age and sex in almost all the districts gave a similar pattern. It confirms that females, like males, move in search of employment opportunities, education or to join their relatives/spouses.

In all the districts, migrants who reported to be heads of households were mainly males - a trend similar at the provincial level. For example, the most prominent male vis-a-vis female rates were in the following: Nairobi 25.2% and 9.6%; Coast 24.0% and 9.3%; and Rift Valley 20.4% and 9.7%. In most of the districts, migrants who happened to be the children of heads of the household were mainly males, once again a pattern observed at provincial level. The male vis-a-vis female percentage variations at the provincial level were conspicuous as follows: Nairobi 32.9% and 29.5%; Nyanza 47.6% and 41.2%; and Western 56.1% and 50.6%. In all the provinces, except North Eastern, more females than males dominated the migrants who were reported to be relatives to the head of household. The sex differentials were highest in Nyanza (25.6% and 31.5%), Western (21.4% and 25.5%) and Eastern (21.4% and 24.6%) provinces.

**Table 3.3 Percent Distribution of Lifetime Migrants by Sex, Relationship to Household Head and Province, 1999**

| District | Head | Spouse | Children | Brother/<br>Sister | Parent | Relative | Not<br>Related | Total |
|----------|------|--------|----------|--------------------|--------|----------|----------------|-------|
| Nairobi  |      |        |          |                    |        |          |                |       |
| Male     | 25.2 | 0.93   | 32.86    | 10.18              | 0.38   | 21.23    | 9.21           | 100   |
| Female   | 9.6  | 17.11  | 29.46    | 7.31               | 1.15   | 22.76    | 12.59          | 100   |
| Total    | 17.1 | 9.38   | 31.08    | 8.68               | 0.78   | 22.03    | 10.97          | 100   |
| Central  |      |        |          |                    |        |          |                |       |
| Male     | 23.0 | 0.98   | 41.99    | 3.15               | 0.14   | 20.69    | 10.06          | 100   |
| Female   | 10.5 | 12.09  | 40.91    | 3.06               | 0.49   | 23.54    | 9.42           | 100   |
| Total    | 16.7 | 6.56   | 41.45    | 3.11               | 0.32   | 22.12    | 9.73           | 100   |
| Coast    |      |        |          |                    |        |          |                |       |
| Male     | 24.0 | 1.04   | 38.80    | 5.48               | 0.21   | 23.33    | 7.19           | 100   |
| Female   | 9.3  | 15.53  | 39.35    | 3.63               | 0.90   | 25.11    | 6.16           | 100   |
| Total    | 16.8 | 8.13   | 39.07    | 4.57               | 0.55   | 24.20    | 6.68           | 100   |

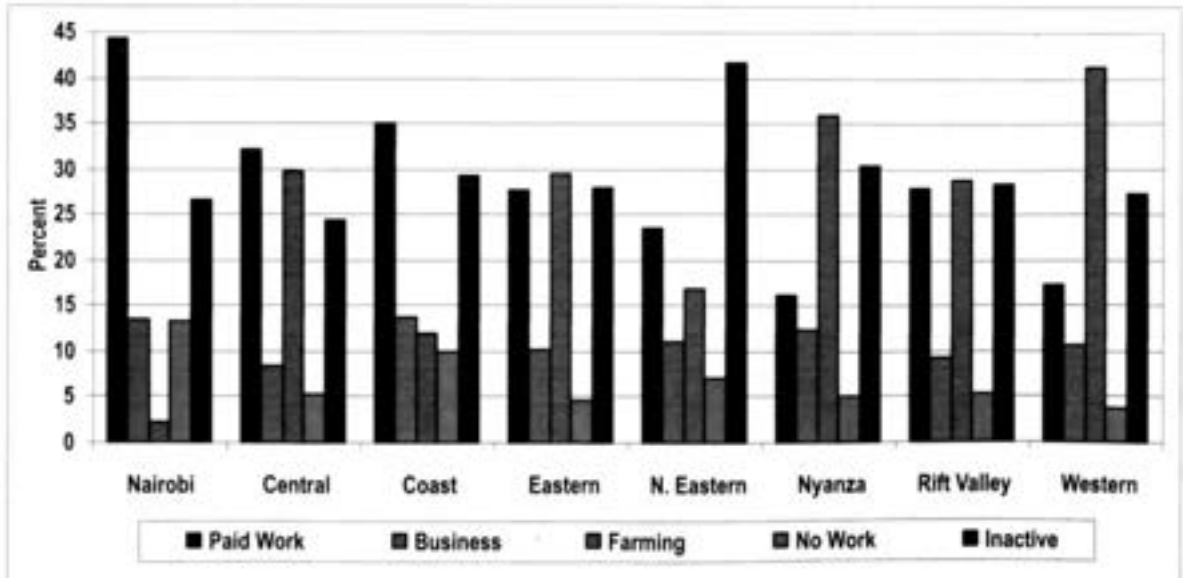
Table 3.3 Percent Distribution of Lifetime Migrants by Sex, Relationship to Household Head and Province, 1999 (Continued)

|               |      |       |       |      |      |       |      |     |
|---------------|------|-------|-------|------|------|-------|------|-----|
| Eastern       |      |       |       |      |      |       |      |     |
| Male          | 16.6 | 0.64  | 49.87 | 1.89 | 0.13 | 21.42 | 9.43 | 100 |
| Female        | 8.8  | 8.32  | 49.81 | 1.77 | 0.58 | 24.58 | 6.17 | 100 |
| Total         | 12.8 | 4.38  | 49.84 | 1.83 | 0.35 | 22.96 | 7.84 | 100 |
| North Eastern |      |       |       |      |      |       |      |     |
| Male          | 14.1 | 0.29  | 67.51 | 1.82 | 0.11 | 9.44  | 6.75 | 100 |
| Female        | 6.3  | 8.26  | 72.37 | 1.82 | 0.42 | 9.09  | 1.76 | 100 |
| Total         | 10.5 | 3.98  | 69.76 | 1.82 | 0.25 | 9.28  | 4.44 | 100 |
| Nyanza        |      |       |       |      |      |       |      |     |
| Male          | 17.9 | 0.98  | 47.60 | 2.70 | 0.06 | 25.60 | 5.18 | 100 |
| Female        | 10.0 | 10.79 | 41.19 | 2.71 | 0.15 | 31.47 | 3.66 | 100 |
| Total         | 13.7 | 6.19  | 44.19 | 2.71 | 0.10 | 28.72 | 4.37 | 100 |
| Rift Valley   |      |       |       |      |      |       |      |     |
| Male          | 20.4 | 0.78  | 46.82 | 3.70 | 0.18 | 18.44 | 9.65 | 100 |
| Female        | 9.7  | 12.00 | 47.08 | 2.96 | 0.58 | 20.76 | 6.90 | 100 |
| Total         | 15.2 | 6.31  | 46.95 | 3.34 | 0.38 | 19.58 | 8.29 | 100 |
| Western       |      |       |       |      |      |       |      |     |
| Male          | 15.2 | 0.67  | 56.13 | 1.84 | 0.06 | 21.41 | 4.69 | 100 |
| Female        | 8.4  | 8.85  | 50.55 | 1.94 | 0.18 | 25.51 | 4.60 | 100 |
| Total         | 11.6 | 4.98  | 53.20 | 1.90 | 0.12 | 23.57 | 4.64 | 100 |

3.4 Lifetime Migrants by Economic Activity

Figure 3.2 and Table 3.4 illustrate the economic activity of lifetime migrants at the provincial level. There were significant differences by region such that farming was the dominant economic activity in half of the provinces - Western, Nyanza, Eastern and Rift Valley. However, most (at least one third) of the migrants in Nairobi, Coast and Central provinces were engaged in paid work. At least one quarter of the migrants in all the provinces, except Central, were economically inactive with North Eastern recording the highest percentage of 42.

Figure 3.2 Percent Distribution of Lifetime Migrants by Economic Activity and Province, 1999



**Table 3.4 Percent Distribution of Lifetime Migrants by Sex, Economic Activity and Province, 1999**

| District      | Paid Work | Business | Farming | No Work | Inactive | Total |
|---------------|-----------|----------|---------|---------|----------|-------|
| Nairobi       |           |          |         |         |          |       |
| Male          | 55.84     | 13.49    | 1.9     | 13.51   | 15.29    | 100   |
| Female        | 30.18     | 13.44    | 2.9     | 12.76   | 40.75    | 100   |
| Total         | 44.35     | 13.47    | 2.1     | 13.17   | 26.69    | 100   |
| Central       |           |          |         |         |          |       |
| Male          | 44.65     | 8.37     | 21.3    | 6.07    | 19.60    | 100   |
| Female        | 20.78     | 8.57     | 37.2    | 4.86    | 28.56    | 100   |
| Total         | 32.10     | 8.48     | 29.7    | 5.43    | 24.31    | 100   |
| Coast         |           |          |         |         |          |       |
| Male          | 49.10     | 13.48    | 9.6     | 11.34   | 16.44    | 100   |
| Female        | 17.79     | 13.89    | 14.8    | 8.39    | 45.17    | 100   |
| Total         | 35.11     | 13.67    | 11.9    | 10.02   | 29.28    | 100   |
| Eastern       |           |          |         |         |          |       |
| Male          | 40.14     | 9.74     | 24.1    | 5.49    | 20.58    | 100   |
| Female        | 16.31     | 10.39    | 34.5    | 3.82    | 34.97    | 100   |
| Total         | 27.79     | 10.08    | 29.5    | 4.62    | 28.03    | 100   |
| North Eastern |           |          |         |         |          |       |
| Male          | 36.01     | 11.30    | 20.7    | 7.76    | 24.26    | 100   |
| Female        | 7.12      | 10.73    | 12.0    | 5.90    | 64.28    | 100   |
| Total         | 23.47     | 11.05    | 16.9    | 6.95    | 41.64    | 100   |
| Nyanza        |           |          |         |         |          |       |
| Male          | 31.02     | 10.83    | 19.3    | 6.42    | 32.48    | 100   |
| Female        | 8.37      | 13.22    | 44.8    | 4.33    | 29.33    | 100   |
| Total         | 16.15     | 12.40    | 36.0    | 5.05    | 30.41    | 100   |
| Rift Valley   |           |          |         |         |          |       |
| Male          | 40.26     | 9.50     | 24.2    | 6.04    | 20.02    | 100   |
| Female        | 15.40     | 9.38     | 33.6    | 4.67    | 36.92    | 100   |
| Total         | 27.86     | 9.44     | 28.9    | 5.36    | 28.45    | 100   |
| Western       |           |          |         |         |          |       |
| Male          | 31.04     | 11.09    | 27.6    | 4.41    | 25.89    | 100   |
| Female        | 9.01      | 10.36    | 49.5    | 3.28    | 27.91    | 100   |
| Total         | 17.32     | 10.63    | 41.2    | 3.71    | 27.15    | 100   |

The percentage distribution of migrants by various economic activities at district level is given in Appendix 5. In general, paid work was the predominant economic activity in districts with large urban centres such as Nairobi (44.4%), Mombasa (40.3%) and Thika (39.7%). It is worth noting that quite a sizeable proportion of the migrants were economically inactive. Possible explanations may point to migrants in search of employment, or relatives (including young ones outside the employment bracket). It is also noted that migrants in the farming category were more likely to be found in the rural cash crop growing districts such as Kirinyaga, Narok, Trans Nzoia, Uasin Gishu, Nyandarua, Kiambu and Kericho, as well as those with settlement schemes such as Laikipia, Lamu, Tana River and Kwale. Migrants reporting business as their main economic activity resided in major urban centres such as Nairobi, Mombasa, Malindi, Eldoret, Kisumu, and Nakuru.

## CHAPTER FOUR

### LEVEL AND TRENDS OF INTERNATIONAL MIGRATION

#### 4.0 Introduction

The 1999 census data indicated that the foreign population in Kenya was less than two percent of the total population. To supplement on the census data, a set of data on refugees in Kenya were obtained from the United Nations High Commission for Refugees (UNHCR). Although data on refugees did not originate from the census, they are useful for understanding and appreciating forced immigration in Kenya - a country that has enjoyed peace and tranquillity since independence. Analysis of the foreign population in Kenya during the census and the refugee population form the two components of international migration in this volume. This chapter consists of four sections, namely: foreign population in Kenya, refugee population in Kenya, distribution of refugee population, and refugee movement in Kenya.

#### 4.1 Foreign Population in Kenya

Table 4.1 shows the immigrant population in Kenya as enumerated in the 1999 census by 5-year age groups, sex and region of origin. Analysis of the data by age groups shows that the foreign population had a sizeable percentage share of the total population of those respective age groups. For instance, the foreign population in the age groups 30-34 through 55-59 had a share of two percent of the total population. On the whole, the foreign population accounted for 1.3 percent (1.3% males and 1.2% females) of the enumerated population in the 1999 census.

**Table 4.1 Immigrants in Kenya by Age, Sex and Region of Origin, 1999**

| Age   | Sex    | Rest of Africa | Europe | Asia  | America | Other regions | Total Immigrants | Total Population | % Immigrant Population |
|-------|--------|----------------|--------|-------|---------|---------------|------------------|------------------|------------------------|
| 0-4   | Male   | 5,084          | 650    | 2,667 | 447     | 8,848         | 17,696           | 2,202,293        | 0.80                   |
|       | Female | 5,136          | 587    | 2,492 | 409     | 8,624         | 17,248           | 2,167,998        | 0.79                   |
|       | Total  | 10,220         | 1,237  | 5,159 | 856     | 17,472        | 34,944           | 4,370,291        | 0.79                   |
| 5-9   | Male   | 3,943          | 652    | 2,551 | 440     | 7,586         | 15,172           | 1,994,184        | 0.76                   |
|       | Female | 4,091          | 614    | 2,477 | 427     | 7,609         | 15,218           | 1,958,048        | 0.77                   |
|       | Total  | 8,034          | 1,266  | 5,028 | 867     | 15,195        | 30,390           | 3,952,232        | 0.76                   |
| 10-14 | Male   | 3,843          | 595    | 2,714 | 415     | 7,567         | 15,134           | 2,014,718        | 0.75                   |
|       | Female | 4,058          | 624    | 2,375 | 419     | 7,476         | 14,952           | 1,981,344        | 0.75                   |
|       | Total  | 7,901          | 1,219  | 5,089 | 834     | 15,043        | 30,086           | 3,996,062        | 0.75                   |
| 15-19 | Male   | 5,455          | 407    | 2,170 | 436     | 8,468         | 16,936           | 1,676,197        | 1.01                   |
|       | Female | 5,580          | 483    | 2,097 | 396     | 8,556         | 17,112           | 1,722,400        | 0.99                   |
|       | Total  | 11,035         | 890    | 4,267 | 832     | 17,024        | 34,048           | 3,398,597        | 1.00                   |
| 20-24 | Male   | 6,415          | 391    | 2,348 | 465     | 9,619         | 19,238           | 1,322,815        | 1.45                   |
|       | Female | 6,965          | 533    | 2,661 | 403     | 10,562        | 21,124           | 1,516,531        | 1.39                   |
|       | Total  | 13,380         | 924    | 5,009 | 868     | 20,181        | 40,362           | 2,839,346        | 1.42                   |
| 25-29 | Male   | 6,688          | 546    | 2,886 | 497     | 10,617        | 21,234           | 1,091,439        | 1.94                   |
|       | Female | 6,262          | 590    | 2,820 | 332     | 10,004        | 20,008           | 1,176,493        | 1.70                   |
|       | Total  | 12,950         | 1,136  | 5,706 | 829     | 20,621        | 41,242           | 2,267,932        | 1.81                   |
| 30-34 | Male   | 4,941          | 701    | 2,621 | 375     | 8,638         | 17,276           | 839,221          | 2.05                   |
|       | Female | 4,425          | 772    | 2,456 | 333     | 7,986         | 15,972           | 854,887          | 1.86                   |
|       | Total  | 9,366          | 1,473  | 5,077 | 708     | 16,624        | 33,248           | 1,694,108        | 1.96                   |
| 35-39 | Male   | 3,706          | 783    | 2,302 | 332     | 7,123         | 14,246           | 696,143          | 2.04                   |
|       | Female | 3,539          | 806    | 2,091 | 320     | 6,756         | 13,512           | 734,109          | 1.84                   |
|       | Total  | 7,245          | 1,589  | 4,393 | 652     | 13,879        | 27,758           | 1,430,252        | 1.94                   |

Table 4.1 Immigrants in Kenya by Age, Sex and Region of Origin (Continued)

| Age   | Sex    | Rest of Africa | Europe | Asia   | America | Other regions | Total Immigrant: | Total Population | % Immigrant Population |
|-------|--------|----------------|--------|--------|---------|---------------|------------------|------------------|------------------------|
| 40-44 | Male   | 2,595          | 758    | 1,882  | 336     | 5,571         | 11,142           | 517,147          | 2.15                   |
|       | Female | 2,323          | 788    | 1,674  | 288     | 5,073         | 10,146           | 524,107          | 1.93                   |
|       | Total  | 4,918          | 1,546  | 3,556  | 624     | 10,644        | 21,288           | 1,041,254        | 2.04                   |
| 45-49 | Male   | 2,085          | 674    | 1,496  | 274     | 4,529         | 9,058            | 422,123          | 2.14                   |
|       | Female | 1,652          | 741    | 1,501  | 196     | 4,090         | 8,180            | 425,979          | 1.92                   |
|       | Total  | 3,737          | 1,415  | 2,997  | 470     | 8,619         | 17,238           | 848,102          | 2.03                   |
| 50-54 | Male   | 1,549          | 762    | 1,307  | 233     | 3,851         | 7,702            | 346,068          | 2.22                   |
|       | Female | 1,171          | 883    | 1,208  | 178     | 3,440         | 6,880            | 345,577          | 1.99                   |
|       | Total  | 2,720          | 1,645  | 2,515  | 411     | 7,291         | 14,582           | 691,645          | 2.10                   |
| 55-59 | Male   | 952            | 626    | 929    | 153     | 2,660         | 5,320            | 225,750          | 2.35                   |
|       | Female | 642            | 739    | 801    | 126     | 2,308         | 4,616            | 240,882          | 1.91                   |
|       | Total  | 1,594          | 1,365  | 1,730  | 279     | 4,968         | 9,936            | 466,632          | 2.12                   |
| 60-64 | Male   | 629            | 533    | 748    | 118     | 2,028         | 4,056            | 195,823          | 2.07                   |
|       | Female | 597            | 584    | 663    | 104     | 1,948         | 3,896            | 218,570          | 1.78                   |
|       | Total  | 1,226          | 1,117  | 1,411  | 222     | 3,976         | 7,952            | 414,393          | 1.91                   |
| 65-69 | Male   | 429            | 349    | 522    | 76      | 1,376         | 2,752            | 142,654          | 1.92                   |
|       | Female | 401            | 427    | 465    | 63      | 1,356         | 2,712            | 163,544          | 1.65                   |
|       | Total  | 830            | 776    | 987    | 139     | 2,732         | 5,464            | 306,198          | 1.78                   |
| 70-74 | Male   | 316            | 204    | 320    | 57      | 897           | 1,794            | 119,798          | 1.49                   |
|       | Female | 281            | 296    | 333    | 49      | 959           | 1,918            | 138,162          | 1.38                   |
|       | Total  | 597            | 500    | 653    | 106     | 1,856         | 3,712            | 257,960          | 1.43                   |
| 75+   | Male   | 357            | 264    | 365    | 44      | 1,030         | 2,060            | 176,532          | 1.16                   |
|       | Female | 335            | 440    | 441    | 40      | 1,256         | 2,512            | 206,683          | 1.21                   |
|       | Total  | 692            | 704    | 806    | 84      | 2,286         | 4,572            | 383,215          | 1.19                   |
| NS    | Male   | 2              | 2      | 0      | 1       | 5             | 10               | 894              | 1.11                   |
|       | Female | 2              | 3      | 2      | 0       | 7             | 14               | 868              | 1.61                   |
|       | Total  | 4              | 5      | 2      | 1       | 12            | 24               | 1,762            | 1.36                   |
| Total | Male   | 48,989         | 8,897  | 27,828 | 4,699   | 90,413        | 180,826          | 1,3983,799       | 1.29                   |
|       | Female | 47,460         | 9,910  | 26,557 | 4,083   | 88,010        | 176,020          | 1,4376,182       | 1.22                   |
|       | Total  | 96,449         | 18,807 | 54,385 | 8,782   | 178,423       | 356,846          | 2,8359,981       | 1.25                   |

4.2 Refugee Population in Kenya

Kenya has played host to refugees from the neighbouring countries for several years. Table 4.2 shows the trend of the refugee population in Kenya by country of origin for the period 1997-99. The trend shows that, for the period 1997-98, refugees from other countries except Somalia and Ethiopia were on the increase. During the same period, refugees from Somalia and Ethiopia declined by 6.9 percent and 6.2 percent respectively. However, refugee inflow from the other countries increased - from Burundi by 383.5 percent, Democratic Republic of Congo by 179.1 percent, Rwanda by 50.4 percent and Sudan by 28.9 percent. Ethnic conflicts and political turmoil in these countries during the period 1994-1998 that caused them to move out of their countries could be a plausible explanation for the observed trend.

Table 4.2 Refugee Population in Kenya by Country of Origin, 1997-1999

| Country of Origin | Refugee population |         |         | % change |         |
|-------------------|--------------------|---------|---------|----------|---------|
|                   | 1997               | 1998    | 1999    | 1997-98  | 1998-99 |
| Somalia           | 176,816            | 164,657 | 141,088 | -6.9     | -14.3   |
| Ethiopia          | 8,634              | 8,099   | 8,191   | -6.2     | 1.1     |
| Sudan             | 37,351             | 48,162  | 64,254  | 28.9     | 33.4    |
| Uganda            | 5,310              | 6,003   | 5,947   | 13.1     | -0.9    |
| Congo (DRC)       | 139                | 388     | 251     | 179.1    | -35.3   |
| Burundi           | 115                | 556     | 205     | 383.5    | -63.1   |
| Rwanda            | 5,762              | 8,665   | 2,858   | 50.4     | -67.0   |
| Eritrea           | -                  | -       | 90      | -        | -       |
| Liberia           | -                  | -       | 8       | -        | -       |
| Other             | -                  | -       | 509     | -        | -       |
| Total             | 234,127            | 236,530 | 223,401 | 1.0      | -5.6    |

Source: UNHCR

Unlike the refugees from the other countries, the trends show that during the period 1998-99, refugees from Sudan were still flowing into Kenya at a high rate of 33.4 percent, compared with those from Burundi and Rwanda who had out-migrated at the rate of over 60.0 percent. Other than those from Sudan (33.4%) and Ethiopia (1.1%), more refugees from other countries left Kenya during the period 1998-99, with Rwanda (-67.0%), Burundi (-63.1%) and Democratic Republic of Congo (-35.3%) having the highest return refugee emigration. The more or less calm political atmosphere that prevailed in these countries could account for this emigration.

4.3 Distribution of the Refugee Population

This section presents the analysis of refugee population distribution by rural and urban settlement. The rural settlement refers to the refugee camps in the rural areas, such as Kakuma and Dadaab - which form the core base for the refugee population in the rural settlements. The urban settlement refers to any urban centre in which a refugee was enumerated. Available data show that majority of the refugees in the rural and urban settlements were men. This can be traced to the political turmoil and ethnic animosities in the countries of origin of the refugees. It is mainly men who are involved in the fighting or are targeted for recruitment to join the warring parties. It is most plausible to suggest that it is the men who end-up fleeing their countries in order to avoid the looming consequences. However, it is worth noting that quite a number of women and children were also involved in the refugee movement into the country.

The refugee camps in Kenya are found in rural and urban areas. Most of the refugees are settled in the rural-based refugee camps, with concentrations at Kakuma and Dadaab. Table 4.3 shows the distribution of refugees by their place of residence and country of origin. The refugee settlements within rural areas originated from the following countries: Somalia (99%), Sudan (99%), Congo (DRC) (88%), Burundi (77%), Eritrea (100%) and Liberia (100%). On the other hand, Ugandan and Rwandan refugees were mainly in the urban settlements, with a representation of 92 percent and 88 percent respectively. However, the Ethiopian refugees were more or less balanced, but the rural settlement had the larger share at 56 percent against 44 percent in the urban.

Table 4.3 Distribution of Refugees by Place of Residence and Country of Origin, 1999

| Country of Origin | Refugee population |         |         |        |         |         |         |
|-------------------|--------------------|---------|---------|--------|---------|---------|---------|
|                   | Rural              |         |         | Urban  | Total   | % Rural | % Urban |
|                   | Kakuma             | Dadaab  | Total   |        |         |         |         |
| Somalia           | 19,405             | 121,481 | 140,886 | 202    | 141,088 | 99.9    | 0.1     |
| Sudan             | 62,764             | 1,342   | 64,106  | 148    | 64,254  | 99.8    | 0.2     |
| Ethiopia          | 2,967              | 1,660   | 4,627   | 3,564  | 8,191   | 56.5    | 43.5    |
| Rwanda            | 339                | 0       | 339     | 2,519  | 2,858   | 11.9    | 88.1    |
| Uganda            | 403                | 52      | 455     | 5,492  | 5,947   | 7.7     | 92.3    |
| Congo (DRC)       | 219                | 2       | 221     | 30     | 251     | 88.0    | 12.0    |
| Burundi           | 157                | 0       | 157     | 48     | 205     | 76.6    | 23.4    |
| Eritrea           | 33                 | 57      | 90      | 0      | 90      | 100     | 0.0     |
| Liberia           | 8                  | 0       | 8       | 0      | 8       | 100     | 0.0     |
| Total             | 86,295             | 124,594 | 210,889 | 12,003 | 222,892 | 94.6    | 5.4     |

Source: UNHCR

4.4 Refugee Movement in Kenya

Table 4.4 shows levels in refugee outflow and inflow in Kenya. Within the two-year period, refugee movement from various countries had shifted from that of more inflow to that of more outflow, with the exception of Sudan. In 1999, departing refugees were evident among the Somali, Rwandese, Burundi and the Congolese. However, more incoming refugees were from Sudan, Ethiopia and Eritrea. On the whole, there were more departing refugees in 1999, with a net migration of 13,665 refugees. In 1998, however, there were more refugees immigrants with a net figure of 2,403. This shift in the migration pattern among the refugee migrants in 1999, with more going out of the country than those coming in could have been necessitated by the relative calm experienced in the countries of origin in 1999 than was the case between 1994 and 1998.

Table 4.4 Refugee Movement in Kenya by Country of Origin, 1998-1999

| Country of Origin | 1998   |          |          | 1999   |          |          |
|-------------------|--------|----------|----------|--------|----------|----------|
|                   | Inflow | Out flow | Net Flow | Inflow | Out flow | Net Flow |
| Somalia           | 7,643  | 19,802   | -12,159  | 22,607 | 46,176   | -23,569  |
| Sudan             | 12,985 | 2,174    | 10,811   | 16,547 | 455      | 16,092   |
| Ethiopia          | 2,989  | 3,524    | -535     | 3,427  | 3,335    | 92       |
| Rwanda            | 3,090  | 187      | 2,903    | 158    | 5,965    | -5,807   |
| Uganda            | 1,027  | 334      | 693      | 199    | 255      | -56      |
| Congo (DRC)       | 314    | 65       | 249      | 135    | 272      | -137     |
| Burundi           | 482    | 41       | 441      | 70     | 421      | -351     |
| Eritrea           | 0      | 0        | 0        | 80     | 9        | 71       |
| Total             | 28,530 | 26,127   | 2,403    | 43,223 | 56,888   | -13,665  |

Source: UNHCR

## CHAPTER FIVE

### URBANISATION LEVELS, TRENDS AND PATTERNS

#### 5.0 Introduction

The proportion of the population living in urban areas in Kenya was still small compared to those in the rural areas. The increasing trend in the proportion urban has been at 8 percent in 1970, 15 percent in 1980, 18 percent in 1990, and 19 percent in 1999. Although the proportion urban has increasing, the rate this increase has been declining given that the intercensal growth rate of urbanisation for the periods 1979-89 and 1989-99 was 5.2 percent and 3.4 percent respectively. However, it is plausible to suggest that demographic, social, economic and political variables have greatly impacted on the urbanisation process, resulting in varied urbanisation levels, trends and patterns at both the provincial and district levels.

#### 5.1 Urbanisation Levels

Table 5.1 shows urbanisation levels in Kenya by district. It was only in Nairobi and Mombasa - metropolitan areas - that all the population was recorded as urban. In contrast, Tharaka and Marakwet districts enumerated all their populations as rural. Among the other provinces, Coast, with 36.7 per cent of urban population, had the largest share, followed by North Eastern (17.6%), Rift Valley (13.8%), Central (9.9%), Nyanza (9.8%), Western (8.4%), and Eastern (6.3%) in that order. At the district level, the pattern was similar, with only a few districts having urbanisation levels of 20 percent or more of their population. These included Kisumu (39.0%), Nakuru (29.7%), Isiolo (29.8%), Uasin Gishu (29.0%), Thika (26.0%), Moyale (25.9%), Garissa (23.7%), Lamu (23.2%), Samburu (20.8%), Mandera (20.8%), Malindi (20.2%) and Kajiado (20.2%). However, in Western and Eastern provinces, urbanisation levels in the districts were almost equally distributed.

**Table 5.1 Urban-Rural Population Distribution by District, 1999**

| District       | Population        |                  |              |                   |             |
|----------------|-------------------|------------------|--------------|-------------------|-------------|
|                | Total             | Urban            |              | Rural             |             |
|                |                   | Number           | %            | Number            | %           |
| <b>KENYA</b>   | <b>28,159,922</b> | <b>5,429,790</b> | <b>19.3</b>  | <b>22,730,132</b> | <b>80.7</b> |
| <b>NAIROBI</b> | <b>2,083,509</b>  | <b>2,083,509</b> | <b>100.0</b> | <b>0</b>          | <b>0.0</b>  |
| <b>CENTRAL</b> | <b>3,683,003</b>  | <b>365,842</b>   | <b>9.9</b>   | <b>3,317,161</b>  | <b>90.1</b> |
| Kiambu         | 737,535           | 45,995           | 6.2          | 691,540           | 93.8        |
| Kirinyaga      | 454,231           | 29,127           | 6.4          | 425,104           | 93.6        |
| Murang'a       | 348,089           | 14,983           | 4.3          | 333,106           | 95.7        |
| Nyandarua      | 468,458           | 35,472           | 7.6          | 432,986           | 92.4        |
| Nyeri          | 647,887           | 63,698           | 9.8          | 584,189           | 90.2        |
| Thika          | 641,503           | 166,497          | 26.0         | 475,006           | 74.0        |
| Maragua        | 385,300           | 10,070           | 2.6          | 375,230           | 97.4        |
| <b>COAST</b>   | <b>2,442,056</b>  | <b>897,011</b>   | <b>36.7</b>  | <b>1,545,045</b>  | <b>63.3</b> |
| Kilifi         | 540,861           | 68,842           | 12.7         | 472,019           | 87.3        |
| Kwale          | 490,973           | 63,054           | 12.8         | 427,919           | 87.2        |
| Lamu           | 71,215            | 16,511           | 23.2         | 54,704            | 76.8        |
| Mombasa        | 643,168           | 643,168          | 100.0        | 0                 | 0.0         |
| Taita Taveta   | 241,963           | 34,768           | 14.4         | 207,195           | 85.6        |
| Tana River     | 178,609           | 14,978           | 8.4          | 163,631           | 91.6        |

Table 5.1 Urban-Rural Population Distribution by District, 1999 (Continued)

|                      |                  |                |             |                  |             |
|----------------------|------------------|----------------|-------------|------------------|-------------|
| Malindi              | 275,267          | 55,690         | 20.2        | 219,577          | 79.8        |
| <b>EASTERN</b>       | <b>4,591,175</b> | <b>287,561</b> | <b>6.3</b>  | <b>4,303,614</b> | <b>93.7</b> |
| Embu                 | 273,545          | 31,326         | 11.5        | 242,219          | 88.5        |
| Isiolo               | 98,971           | 29,484         | 29.8        | 69,487           | 70.2        |
| Kitui                | 509,140          | 14,695         | 2.9         | 494,445          | 97.1        |
| Makueni              | 766,214          | 25,771         | 3.4         | 740,443          | 96.6        |
| Machakos             | 896,785          | 71,044         | 7.9         | 825,741          | 92.1        |
| Marsabit             | 119,935          | 17,773         | 14.8        | 102,162          | 85.2        |
| Mbeere               | 170,271          | 2,374          | 1.4         | 167,897          | 98.6        |
| Meru Central         | 495,495          | 51,406         | 10.4        | 444,089          | 89.6        |
| Moyale               | 52,582           | 13,638         | 25.9        | 38,944           | 74.1        |
| Mwingi               | 301,695          | 9,971          | 3.3         | 291,724          | 96.7        |
| Meru North           | 600,905          | 11,253         | 1.9         | 589,652          | 98.1        |
| Tharaka              | 100,779          | 0              | 0.0         | 100,779          | 100.0       |
| Nithi                | 204,858          | 8,826          | 4.3         | 196,032          | 95.7        |
| <b>NORTH EASTERN</b> | <b>828,577</b>   | <b>145,704</b> | <b>17.6</b> | <b>682,873</b>   | <b>82.4</b> |
| Garissa              | 262,997          | 62,446         | 23.7        | 200,551          | 76.3        |
| Mandera              | 248,154          | 51,677         | 20.8        | 196,477          | 79.2        |
| Wajir                | 317,426          | 31,581         | 9.9         | 285,845          | 90.1        |
| <b>NYANZA</b>        | <b>4,344,770</b> | <b>427,377</b> | <b>9.8</b>  | <b>3,917,393</b> | <b>90.2</b> |
| Gucha                | 458,285          | 10,605         | 2.3         | 447,680          | 97.7        |
| Homa Bay             | 285,936          | 32,684         | 11.4        | 253,252          | 88.6        |
| Kisii Central        | 485,798          | 28,201         | 5.8         | 457,597          | 94.2        |
| Kisumu               | 495,464          | 193,169        | 39.0        | 302,295          | 61.0        |
| Kuria                | 150,156          | 11,674         | 7.8         | 138,482          | 92.2        |
| Migori               | 506,779          | 54,115         | 10.7        | 452,664          | 89.3        |
| Nyamira              | 496,095          | 16,980         | 3.4         | 479,115          | 96.6        |
| Rachuonyo            | 305,068          | 9,070          | 3.0         | 295,998          | 97.0        |
| Siaya                | 477,415          | 19,732         | 4.1         | 457,683          | 95.9        |
| Suba                 | 154,673          | 7,708          | 5.0         | 146,965          | 95.0        |
| Bondo                | 235,959          | 11,973         | 5.1         | 223,986          | 94.9        |
| Nyando               | 293,142          | 31,466         | 10.7        | 261,676          | 89.3        |
| <b>RIFT VALLEY</b>   | <b>6,845,642</b> | <b>942,613</b> | <b>13.8</b> | <b>5,903,029</b> | <b>86.2</b> |
| Baringo              | 263,968          | 15,541         | 5.9         | 248,427          | 94.1        |
| Bomet                | 378,923          | 4,467          | 1.2         | 374,456          | 98.8        |
| Keiyo                | 143,179          | 5,712          | 4.0         | 137,467          | 96.0        |
| Kajiado              | 395,954          | 79,861         | 20.2        | 316,093          | 79.8        |
| Kericho              | 461,651          | 34,987         | 7.6         | 426,664          | 92.4        |
| Koibatek             | 136,622          | 22,058         | 16.1        | 114,564          | 83.9        |
| Laikipia             | 316,897          | 61,952         | 19.5        | 254,945          | 80.5        |
| Marakwet             | 139,838          | 0              | 0.0         | 139,838          | 100.0       |
| Nakuru               | 1,177,537        | 349,866        | 29.7        | 827,671          | 70.3        |
| Nandi                | 569,590          | 24,114         | 4.2         | 545,476          | 95.8        |
| Narok                | 360,551          | 26,023         | 7.2         | 334,528          | 92.8        |
| Samburu              | 142,065          | 29,485         | 20.8        | 112,580          | 79.2        |
| Trans Mara           | 169,160          | 7,459          | 4.4         | 161,701          | 95.6        |
| Trans Nzoia          | 568,498          | 43,655         | 7.7         | 524,843          | 92.3        |
| Turkana              | 389,319          | 40,232         | 10.3        | 349,087          | 89.7        |

Table 5.1 Urban-Rural Population Distribution by District, 1999 (Continued)

|                |                  |                |            |                  |             |
|----------------|------------------|----------------|------------|------------------|-------------|
| Uasin Gishu    | 613,485          | 178,175        | 29.0       | 435,310          | 71.0        |
| West Pokot     | 305,583          | 13,633         | 4.5        | 291,950          | 95.5        |
| Buret          | 312,822          | 5,393          | 1.7        | 307,429          | 98.3        |
| <b>WESTERN</b> | <b>3,341,190</b> | <b>280,173</b> | <b>8.4</b> | <b>3,061,017</b> | <b>91.6</b> |
| Bungoma        | 870,761          | 86,318         | 9.9        | 784,443          | 90.1        |
| Busia          | 367,910          | 30,086         | 8.2        | 337,824          | 91.8        |
| Mt. Elgon      | 134,897          | 5,276          | 3.9        | 129,621          | 96.1        |
| Kakamega       | 599,199          | 56,489         | 9.4        | 542,710          | 90.6        |
| Lugari         | 215,018          | 9,300          | 4.3        | 205,718          | 95.7        |
| Teso           | 180,253          | 19,891         | 11.0       | 160,362          | 89.0        |
| Vihiga         | 497,306          | 27,496         | 5.5        | 469,810          | 94.5        |
| Butere/Mumias  | 475,846          | 45,317         | 9.5        | 430,529          | 90.5        |

5.2 Trends in Urbanisation

Table 5.2 shows the distribution of the urban population in Kenya by province between 1969 and 1999. Analysis of the urbanisation process shows that the proportion urban has been highest in Nairobi, Coast and Rift Valley provinces - the three account for at least two thirds of the total urban population in the country. For the period 1969-99, the trend in urbanisation experienced fluctuations. Rift Valley and Western provinces had a consistent increase in the proportion of their urban populations at the expense of North Eastern province which had a steady drop. Between 1969 and 1989, Nairobi and Coast provinces went through a decrease in the percentage share of their urban populations while the exact reverse happened in Central and Nyanza provinces. After an initial gain in 1979, the proportion urban in Eastern province steadily decreased from 1979 through 1999. In terms of intercensal growth rate in the urban population, the trend was on the decline between 1969 and 1999 for all the provinces except Coast. The urbanisation process at the provincial level was a reflection of what the situation was like at the district level (see intercensal growth rates in Appendix 6). Overall, there was a decline in the urban growth rate in 25 districts as compared to a rise in 14 districts between 1979 and 1999.

Table 5.2 Trends in the Urban Population by Province, 1969-1999

| Province    | Urban Population |           |           |           | % share of urban population |       |       |       | Intercensal Growth Rate (%) |         |         |
|-------------|------------------|-----------|-----------|-----------|-----------------------------|-------|-------|-------|-----------------------------|---------|---------|
|             | 1969             | 1979      | 1989      | 1999      | 1969                        | 1979  | 1989  | 1999  | 1969-79                     | 1979-89 | 1989-99 |
| Total       | 1,076,908        | 2,315,696 | 3,880,704 | 5,429,790 | 100.0                       | 100.0 | 100.0 | 100.0 | 7.7                         | 5.2     | 3.4     |
| Nairobi     | 506,286          | 827,775   | 1,324,570 | 2,083,509 | 47.0                        | 35.7  | 34.1  | 38.4  | 4.9                         | 4.7     | 4.5     |
| Central     | 45,955           | 128,932   | 309,821   | 365,842   | 4.3                         | 5.6   | 8.0   | 6.7   | 10.3                        | 8.8     | 1.7     |
| Coast       | 283,652          | 406,991   | 588,470   | 897,011   | 26.3                        | 17.6  | 15.2  | 16.5  | 3.6                         | 3.7     | 4.2     |
| Eastern     | 37,965           | 233,316   | 355,664   | 287,561   | 3.5                         | 10.1  | 9.2   | 5.3   | 18.2                        | 4.2     | -2.1    |
| N. Eastern  | -                | 63,486    | 91,174    | 145,704   | -                           | 2.7   | 2.3   | 2.7   | -                           | 3.6     | 4.7     |
| Nyanza      | 43,829           | 207,757   | 52,527    | 427,377   | 4.1                         | 9.0   | 9.1   | 7.9   | 15.6                        | 5.3     | 1.9     |
| Rift Valley | 148,576          | 341,696   | 672,429   | 942,613   | 13.8                        | 14.8  | 17.3  | 17.4  | 8.3                         | 6.8     | 3.4     |
| Western     | 10,645           | 105,743   | 186,049   | 280,173   | 1.0                         | 4.6   | 4.8   | 5.2   | 23.0                        | 5.6     | 4.1     |

5.3 Distribution of Urban Centres by Population Size

Table 5.3 shows the distribution of urban centres by population size. Urban centres with a population of 2,000-4,999 were the majority in 1999, with a share of 41.4 percent, followed by centres with a population of 10,000-19,999, having a share of 19.0 percent. Those with a population of 5,000-9,999 and 20,000-99,999 tied at 33 urban centres each, having a share of 18.4 percent. The lowest share was that of centres with a population of 100,000+, having a share of only 2.8 percent of the total urban centres.

Table 5.3 Distribution of Urban Centres by Population Size, 1962-1999

| Size of Urban Centre | 1962 |      | 1969 |      | 1979 |      | 1989 |      | 1999 |      |
|----------------------|------|------|------|------|------|------|------|------|------|------|
|                      | No.  | %    | No.  | %    | No.  | %    | No.  | %    | No.  | %    |
| 100,000+             | 2    | 5.9  | 2    | 4.3  | 3    | 3.3  | 6    | 4.3  | 5    | 2.8  |
| 20,000-99,999        | 2    | 5.9  | 2    | 4.3  | 13   | 14.3 | 21   | 15.1 | 33   | 18.4 |
| 10,000-19,999        | 3    | 8.8  | 7    | 14.9 | 11   | 12.1 | 19   | 13.7 | 34   | 19.0 |
| 5,000-9,999          | 11   | 32.4 | 11   | 23.4 | 22   | 24.2 | 32   | 23.0 | 33   | 18.4 |
| 2,000-4,999          | 16   | 47.0 | 25   | 53.1 | 42   | 46.1 | 61   | 43.9 | 74   | 41.4 |
| Total                | 34   | 100  | 47   | 100  | 91   | 100  | 139  | 100  | 179  | 100  |

5.4 Urban Primacy

Table 5.4 shows the index of primacy at the provincial level for seven provinces, excluding Nairobi, an urban centre which doubles as a province and district. The 'Four-city' and 'Eleven-city' indices are the ratios between the population in the largest urban centre and the sum of the populations in the next three and ten consecutive urban centres respectively. When the classification of primacy indices by the United Nations (UNECA, 1989) of "<1 = low, 1-2.9 = medium, 3 and above = high" was used, Table 5.4 indicates that Kenya has been in the medium category between 1979 and 1999, although the index has maintained a rising trend. Using both the 'Four-city' and 'Eleven-city' indices, only Coast province was in the high category primacy index. The rest of the provinces maintained a low urban primacy index except Nyanza province which was in the medium category.

Table 5.4 Urban Primacy Index by Province

| Province      | Population of City, 1999 |         |         |         | Primacy Index |      |         |
|---------------|--------------------------|---------|---------|---------|---------------|------|---------|
|               | Largest                  | Second  | Third   | Fourth  | Four City     |      | 11 City |
|               |                          |         |         |         | 1989          | 1999 | 1999    |
| National      |                          |         |         |         |               |      |         |
| 1999          | 2,111,633                | 660,080 | 219,366 | 194,390 | 1.97          | -    | 2.6     |
| 1989          | 1,324,570                | 461,753 | 192,733 | 163,927 | 1.6           | -    | -       |
| 1979          | 828,000                  | 341,000 | 153,000 | 93,000  | 1.4           | -    | -       |
| Central       | 83,094                   | 79,935  | 47,180  | 15,101  | 0.8           | 0.6  | 0.1     |
| Coast         | 663,842                  | 54,124  | 43,943  | 30,435  | 7.5           | 5.2  | 6.0     |
| Eastern       | 52,618                   | 46,875  | 33,545  | 31,230  | 0.8           | 0.5  | 0.4     |
| North Eastern | 51,350                   | 30,663  | 20,515  | 11,136  | 0.6           | 0.8  | -       |
| Nyanza        | 196,147                  | 32,242  | 31,687  | 26,032  | 2.3           | 2.2  | 2.3     |
| Rift Valley   | 221,753                  | 167,326 | 60,201  | 35,865  | 0.8           | 0.8  | 1.0     |
| Western       | 57,554                   | 44,323  | 36,260  | 30,888  | 0.8           | 0.5  | 0.6     |

CHAPTER SIX

DEMOGRAPHIC AND SOCIO-ECONOMIC CHARACTERISTICS OF URBAN POPULATION

6.0 Introduction

In this chapter, the analytical results of the demographic and socio-economic characteristics of the urban population are presented. The chapter consists of four main sections - the age profile, sex structure, education status and particulars on labour force of the urban population.

6.1 Age Profile of the Urban Population

For purposes of comparing the 1999 data with those of 1989, this analysis was restricted to urban centres with a minimum population of 10,000 (a cut-off point that was used in 1989). Table 6.1 shows the percent distribution of the urban population by broad age groups in major urban centres during the 1989 and 1999 censuses. The distribution is in three broad age brackets: 0-14, 15-64 and 65+ years. Both 0-14 and 65+ age groups are generally taken to consist of dependants whereas the 15-64 age bracket comprises the independent labour force. Data for the urban centres show domination of the age group 15-64 year-olds. This implies that majority of the economically active population had migrated into the urban centres to seek for employment, higher education, business transactions and/or moved with their spouses.

The national outlook shows the domination of the Kenyan urban centres by those in the age bracket 15-64 years, followed by the population below 15 years and the aged being least represented. This distribution conforms to the pattern during the pre-colonial and post-colonial periods in Kenya, as depicted in the earlier censuses of 1948, 1962, 1969, and 1979. Between the 1989 and 1999 censuses, there was a drop in the age group 0-14 alongside a rise in the proportion of the urban population aged 15-64 in virtually all urban centres. More of the elderly had moved out of the urban centres as the proportion of those aged 65+ experienced a decline in majority of the urban centres.

Table 6.1 Percent of Urban Population by Broad Age Groups, 1989-99

| Urban Centre   | 0-14 |      | 15-64 |      | 65+  |      |
|----------------|------|------|-------|------|------|------|
|                | 1989 | 1999 | 1989  | 1999 | 1989 | 1999 |
| Kenya          | 37.5 | 33.4 | 61.0  | 65.3 | 1.5  | 1.3  |
| Nairobi        | 31.5 | 29.9 | 67.5  | 69.0 | 1.0  | 1.1  |
| Kiambu         | -    | 31.9 | -     | 66.8 | -    | 1.3  |
| Karuri         | 42.4 | 35.8 | 54.4  | 60.7 | 3.2  | 3.5  |
| Kerugoya/Kutus | -    | 31.6 | -     | 66.6 | -    | 1.8  |
| Nyeri          | 39.9 | 31.4 | 56.8  | 66.7 | 3.3  | 1.9  |
| Murang'a       | 39.4 | 30.9 | 57.6  | 67.3 | 3.0  | 1.8  |
| OI Kalau       | -    | 43.8 | -     | 52.7 | -    | 3.5  |
| Thika          | 41.3 | 30.3 | 57.4  | 68.5 | 1.3  | 1.2  |
| Ruiru          | 35.6 | 32.1 | 63.0  | 66.9 | 1.4  | 1.0  |
| Kilifi         | 40.5 | 38.8 | 58.1  | 59.4 | 1.4  | 1.8  |
| Mtwapa         | -    | 32.9 | -     | 66.1 | -    | 1.0  |
| Mariakani      | -    | 37.8 | -     | 60.5 | -    | 1.7  |
| Msambweni      | -    | 42.1 | -     | 55.3 | -    | 2.6  |
| Ukunda         | -    | 34.7 | -     | 63.6 | -    | 1.7  |
| Lamu           | -    | 35.8 | -     | 61.2 | -    | 3.0  |

**Table 6.1 Percent of Urban Population by Broad Age Groups, 1989-99 (Continued)**

|               |      |      |      |      |     |     |
|---------------|------|------|------|------|-----|-----|
| Taveta        | 42.4 | 39.3 | 55.7 | 58.9 | 1.9 | 1.8 |
| Voi           | 40.4 | 35.6 | 58.2 | 62.8 | 1.4 | 1.6 |
| Hola          | -    | 43.3 | -    | 54.6 | -   | 2.1 |
| Malindi       | 38.4 | 34.1 | 59.4 | 64.0 | 2.2 | 1.9 |
| Embu          | 35.0 | 30.7 | 63.2 | 68.0 | 1.8 | 1.3 |
| Isiolo        | 40.4 | 39.3 | 57.8 | 58.6 | 1.8 | 2.1 |
| Kitui         | -    | 34.3 | -    | 64.0 | -   | 1.7 |
| Mavoko        | 29.6 | 30.5 | 69.7 | 68.6 | 0.7 | 0.9 |
| Marsabit      | 46.6 | 43.7 | 51.1 | 53.6 | 2.3 | 2.7 |
| Meru          | 43.2 | 31.2 | 53.2 | 66.6 | 3.6 | 2.2 |
| Moyale        | -    | 47.4 | -    | 49.9 | -   | 2.7 |
| Garissa       | 42.4 | 41.7 | 55.7 | 56.0 | 1.9 | 2.3 |
| Mombasa       | 34.4 | 31.9 | 64.1 | 66.5 | 1.5 | 1.6 |
| El Wak        | -    | 53.3 | -    | 43.7 | -   | 3.0 |
| Mandera       | 47.2 | 48.6 | 50.2 | 48.8 | 2.6 | 2.6 |
| Wajir         | 45.7 | 42.5 | 51.1 | 54.3 | 3.2 | 3.2 |
| Homa Bay      | 44.9 | 43.4 | 53.8 | 55.3 | 1.3 | 1.3 |
| Kisii         | 46.8 | 37.3 | 51.6 | 61.6 | 1.6 | 1.1 |
| Kehancha      | -    | 42.9 | -    | 55.6 | -   | 1.5 |
| Migori        | 46.7 | 42.8 | 52.4 | 55.9 | 0.9 | 1.3 |
| Awendo        | -    | 40.6 | -    | 59.1 | -   | 0.3 |
| Siaya         | 47.2 | 43.9 | 50.3 | 54.5 | 2.5 | 1.6 |
| Muhoroni      | -    | 41.1 | -    | 58.5 | -   | 0.4 |
| Ngong         | -    | 32.2 | -    | 66.3 | -   | 1.5 |
| Ongata Rongai | 41.3 | 32.9 | 57.6 | 66.0 | 1.1 | 1.1 |
| Kericho       | 41.6 | 34.1 | 57.3 | 64.9 | 1.1 | 1.0 |
| Eldama Ravine | -    | 38.7 | -    | 59.4 | -   | 1.9 |
| Nanyuki       | 37.0 | 34.7 | 61.3 | 63.9 | 1.7 | 1.4 |
| Nyahururu     | 37.0 | 37.2 | 61.7 | 61.5 | 1.3 | 1.3 |
| Molo          | 44.6 | 41.5 | 54.1 | 57.1 | 1.3 | 1.4 |
| Elburgon      | 47.3 | 43.8 | 50.9 | 54.5 | 1.8 | 1.7 |
| Njoro         | -    | 39.7 | -    | 58.8 | -   | 1.5 |
| Gilgil        | 36.5 | 38.8 | 62.3 | 60.1 | 1.2 | 1.1 |
| Naivasha      | 41.6 | 35.8 | 57.0 | 63.1 | 1.4 | 1.1 |
| Kapsabet      | 43.2 | 39.3 | 55.2 | 59.3 | 1.6 | 1.4 |
| Narok         | 41.1 | 39.1 | 58.3 | 59.2 | 0.6 | 1.7 |
| Maralal       | -    | 46.1 | -    | 51.5 | -   | 2.4 |
| Kitale        | 41.3 | 40.0 | 57.4 | 59.0 | 1.3 | 1.0 |
| Lokichogio    | -    | 35.4 | -    | 64.0 | -   | 0.6 |
| Lodwar        | 42.2 | 43.9 | 57.0 | 54.7 | 0.8 | 1.4 |
| Eldoret       | 39.0 | 36.8 | 60.1 | 62.3 | 0.9 | 0.9 |
| Bungoma       | 47.4 | 41.9 | 51.4 | 56.7 | 1.2 | 1.4 |
| Kimilili      | -    | 43.9 | -    | 54.7 | -   | 1.4 |
| Webuye        | -    | 39.6 | -    | 59.4 | -   | 1.0 |
| Busia         | 47.9 | 44.4 | 50.7 | 54.4 | 1.4 | 1.2 |
| Kakamega      | 46.1 | 39.6 | 52.3 | 58.9 | 1.6 | 1.5 |
| Kisumu        | 42.2 | 38.5 | 56.6 | 60.5 | 1.2 | 1.0 |
| Nakuru        | 38.9 | 35.4 | 60.2 | 63.6 | 0.9 | 1.0 |
| Vihiga        | -    | 40.6 | -    | 55.8 | -   | 3.6 |
| Mumias        | 41.2 | 41.1 | 57.8 | 57.8 | 1.0 | 1.1 |
| Machakos      | 46.3 | 29.6 | 50.2 | 68.8 | 3.5 | 1.6 |
| Kapenguria    | -    | 43.9 | -    | 54.8 | -   | 1.3 |

- Urban centres with a population of less than 10,000

6.2 Sex Structure of the Urban Population

The development of urban centres in Kenya can be traced far back in the history of the long distance trade. During the colonial period, the colonial administration established administrative centres in different localities, spread all over for easier management and administration. The emergence of urban centres encouraged recruitment of workers from the local labour force which was dominated by men migrating from rural to urban areas as their wives, who were not allowed to accompany them, remained in the rural areas.

Male dominance in rural-urban migration streams resulted in a sex ratio higher than 100 for most urban centres. This trend has persisted but with declining proportions of males over the years as illustrated in Table 6.2. For example, while only 13 percent of urban centres had a sex ratio of less than 100 in 1979, this increased to 19 percent in 1989 and reached 60 percent in 1999. This shows that the trend of females moving to urban areas has been on the increase. This is consistent with the earlier finding that women have been drifting into the urban centres, either for education, seeking jobs, staying with their relatives or joining their husbands. In 1999, male dominance (represented by sex ratios greater than 100) was most notable in the large urban centres including Mombasa (117), Nairobi (115), Eldoret (108), Nakuru (105) and Kisumu (102). Though not very large in their population sizes, urban centres that were focal points within the sugar belt in Western Kenya also reported high sex ratios - Muhoroni (119), Awendo (110) and Mumias (104).

Table 6.2 Sex Ratios of the Urban Population, 1979-99

| Urban Centre   | Sex Ratio |      |      |
|----------------|-----------|------|------|
|                | 1979      | 1989 | 1999 |
| Kenya          | 115       | 110  | 108  |
| Nairobi        | 138       | 132  | 115  |
| Kiambu         | 117       | 100  | 98   |
| Karuri         | -         | -    | 101  |
| Kerugoya/Kutus | 112       | 107  | 95   |
| Nyeri          | 117       | 103  | 96   |
| Murang'a       | 102       | 104  | 95   |
| OI Kalau       | -         | -    | 97   |
| Thika          | 136       | 122  | 111  |
| Ruiru          | -         | -    | 107  |
| Kilifi         | 105       | 105  | 101  |
| Mtwapa         | -         | -    | 105  |
| Mariakani      | 109       | 99   | 100  |
| Msambweni      | 99        | 92   | 93   |
| Ukunda         | -         | -    | 111  |
| Lamu           | 99        | 107  | 96   |
| Taveta         | -         | -    | 106  |
| Voi            | 116       | 110  | 103  |
| Hola           | 116       | 111  | 92   |
| Malindi        | 116       | 122  | 111  |
| Embu           | 115       | 106  | 97   |
| Isiolo         | 106       | 112  | 95   |
| Kitui          | 125       | 125  | 94   |
| Mavoko         | 124       | 147  | 127  |
| Marsabit       | 111       | 106  | 98   |
| Meru           | 102       | 100  | 97   |

**Table 6.2 Sex Ratios of the Urban Population, 1979-99 (Continued)**

|               |     |     |     |
|---------------|-----|-----|-----|
| Moyale        | 98  | 107 | 99  |
| Garissa       | 122 | 118 | 107 |
| Mombasa       | 121 | 125 | 117 |
| El Wak        | 102 | 97  | 100 |
| Mandera       | 107 | 107 | 96  |
| Wajir         | 121 | 101 | 97  |
| Homa Bay      | 109 | 104 | 96  |
| Kisii         | 104 | 102 | 100 |
| Kehancha      | -   | -   | 97  |
| Migori        | 102 | 98  | 93  |
| Awendo        | -   | -   | 110 |
| Siaya         | 90  | 93  | 87  |
| Muhoroni      | 152 | 133 | 119 |
| Ngong         | 113 | 107 | 98  |
| Ongata Rongai | -   | -   | 104 |
| Kericho       | 124 | 122 | 111 |
| Eldama Ravine | 103 | 104 | 103 |
| Nanyuki       | -   | -   | 106 |
| Nyahururu     | -   | -   | 94  |
| Molo          | 110 | 107 | 98  |
| Elburgon      | 113 | 106 | 104 |
| Njoro         | 98  | 103 | 98  |
| Gilgil        | 152 | 141 | 109 |
| Naivasha      | 142 | 108 | 102 |
| Kapsabet      | 116 | 103 | 100 |
| Narok         | -   | -   | 105 |
| Maralal       | 104 | 110 | 97  |
| Kitale        | 123 | 119 | 102 |
| Lokichogio    | -   | -   | 115 |
| Lodwar        | 109 | 109 | 91  |
| Eldoret       | 134 | 122 | 108 |
| Bungoma       | 102 | 98  | 95  |
| Kimilili      | 100 | 98  | 94  |
| Webuye        | 103 | 101 | 99  |
| Busia         | 91  | 89  | 94  |
| Kakamega      | 101 | 98  | 96  |
| Kisumu        | 104 | 108 | 102 |
| Nakuru        | 123 | 116 | 105 |
| Vihiga        | -   | -   | 89  |
| Mumias        | -   | -   | 104 |
| Machakos      | 95  | 98  | 97  |
| Kapenguria    | 130 | 120 | 97  |
| Kisii         | 104 | 102 | 100 |
| Kehancha      | -   | -   | 97  |
| Migori        | 102 | 98  | 93  |
| Awendo        | -   | -   | 110 |
| Siaya         | 90  | 93  | 87  |
| Muhoroni      | 152 | 133 | 119 |
| Ngong         | 113 | 107 | 98  |
| Ongata Rongai | -   | -   | 104 |
| Kericho       | 124 | 122 | 111 |
| Eldama Ravine | 103 | 104 | 103 |
| Nanyuki       | -   | -   | 106 |
| Nyahururu     | -   | -   | 94  |

**Table 6.2 Sex Ratios of the Urban Population, 1979-99 (Continued)**

|            |     |     |     |
|------------|-----|-----|-----|
| Molo       | 110 | 107 | 98  |
| Elburgon   | 113 | 106 | 104 |
| Njoro      | 98  | 103 | 98  |
| Gilgil     | 152 | 141 | 109 |
| Naivasha   | 142 | 108 | 102 |
| Kapsabet   | 116 | 103 | 100 |
| Narok      | -   | -   | 105 |
| Maralal    | 104 | 110 | 97  |
| Kitale     | 123 | 119 | 102 |
| Lokichogio | -   | -   | 115 |
| Lodwar     | 109 | 109 | 91  |
| Eldoret    | 134 | 122 | 108 |
| Bungoma    | 102 | 98  | 95  |
| Kimilili   | 100 | 98  | 94  |
| Webuye     | 103 | 101 | 99  |
| Busia      | 91  | 89  | 94  |
| Kakamega   | 101 | 98  | 96  |
| Kisumu     | 104 | 108 | 102 |
| Nakuru     | 123 | 116 | 105 |
| Vihiga     | -   | -   | 89  |
| Mumias     | -   | -   | 104 |
| Machakos   | 95  | 98  | 97  |
| Kapenguria | 130 | 120 | 97  |

- Urban centres with a population of less than 10,000

**6.3 Education Status of the Urban Population**

Educational attainment is generally accepted as a good indicator of socio-economic development. Ideally, it is an index that can be used to take stock of the availability of a skilful labour force in a country. Table 6.3 shows the level of education attained by the urban population aged 25-29 years. The age cohort was chosen with an assumption that, formally, they should be out of school and are an appropriate cohort of human resource for national development. At national level, a higher percentage of females (7.4%) than males (3.7%) had no education. The trend changed for Standards 1-4 through 5-8, with more females (6.3% and 39.3%) reporting having attained these levels as compared to males (5.1% and 36.0%) respectively. For all the higher levels of education attainment (Form 1-4 to University), there were more males than females at all levels. For example, at Form 1-4 level, there were 47.9 percent males against 41.8 percent females; Form 5-6, 1.4 percent against 1.2 percent; and at university level, 4.7 percent against 2.8 percent.

At district level, it was noted that six urban centres, all in northern Kenya, had more than half of their populations with no education - with females being the most disadvantaged. Examples included Mandera (46% males and 86% females), Wajir (49% males and 79% females), Moyale (41% males and 68% females), Garissa (38% males and 69% females) and Lodwar (35% males and 61% females). At the other end of the scale, at least four percent of the urban population in Ongata Rongai, Nairobi, Kisii, Ruiru and Kiambu had attained university education. All the five urban centres are in close proximity to markets (universities and/or large economic enterprises) that demand such level of education.

**Table 6.3 Distribution of Urban Population Aged 25-29 by Sex, Education Attainment and Urban Centre, 1999**

| Urban Centre   | Sex    | None | Std. 1-4 | Std. 5-8 | Form 1-4 | Form 5-6 | University | NS  | Total     |
|----------------|--------|------|----------|----------|----------|----------|------------|-----|-----------|
| Kenya          | Male   | 3.7  | 5.1      | 36.0     | 47.9     | 1.4      | 4.7        | 1.2 | 518,014   |
|                | Female | 7.4  | 6.3      | 39.3     | 41.8     | 1.2      | 2.8        | 1.2 | 483,210   |
|                | Total  | 5.5  | 5.7      | 37.6     | 44.9     | 1.3      | 3.8        | 1.2 | 1,001,224 |
| Nairobi        | Male   | 2.3  | 3.1      | 28.3     | 55.7     | 1.9      | 7.3        | 1.4 | 170,495   |
|                | Female | 3.3  | 3.8      | 31.2     | 52.5     | 2.1      | 5.6        | 1.4 | 130,375   |
|                | Total  | 2.8  | 3.4      | 29.5     | 54.3     | 2.0      | 6.6        | 1.4 | 300,870   |
| Kiambu         | Male   | 1.7  | 4.4      | 36.2     | 51.0     | 1.2      | 4.4        | 1.2 | 3,257     |
|                | Female | 1.2  | 3.4      | 37.6     | 51.4     | 1.6      | 3.8        | 1.0 | 3,404     |
|                | Total  | 1.4  | 3.9      | 36.9     | 51.2     | 1.4      | 4.1        | 1.1 | 6,661     |
| Karuri         | Male   | 1.3  | 3.1      | 38.5     | 51.5     | 1.1      | 3.7        | 0.7 | 5,195     |
|                | Female | 1.7  | 3.5      | 39.6     | 51.4     | 0.8      | 2.0        | 1.0 | 4,921     |
|                | Total  | 1.5  | 3.3      | 39.1     | 51.5     | 1.0      | 2.8        | 0.8 | 10,116    |
| Kerugoya/Kutus | Male   | 2.2  | 7.9      | 42.8     | 40.7     | 1.3      | 3.2        | 2.0 | 1,679     |
|                | Female | 2.1  | 5.7      | 40.0     | 45.8     | 1.3      | 2.5        | 2.7 | 1,825     |
|                | Total  | 2.1  | 6.7      | 41.3     | 43.3     | 1.3      | 2.8        | 2.4 | 3,504     |
| Nyeri          | Male   | 1.3  | 3.6      | 38.3     | 50.8     | 1.2      | 4.1        | 0.8 | 4,478     |
|                | Female | 1.4  | 3.2      | 36.8     | 54.4     | 1.1      | 2.4        | 0.6 | 5,097     |
|                | Total  | 1.4  | 3.4      | 37.5     | 52.7     | 1.1      | 3.2        | 0.7 | 9,575     |
| Murang'a       | Male   | 2.1  | 7.9      | 49.4     | 35.1     | 1.0      | 3.4        | 1.1 | 2,037     |
|                | Female | 1.8  | 5.8      | 50.2     | 39.4     | 0.9      | 1.4        | 0.6 | 2,518     |
|                | Total  | 1.9  | 6.7      | 49.8     | 37.5     | 0.9      | 2.3        | 0.8 | 4,555     |
| OI Kalou       | Male   | 2.9  | 6.2      | 48.9     | 36.7     | 0.6      | 4.2        | 0.5 | 1,653     |
|                | Female | 3.0  | 5.6      | 56.3     | 33.2     | 0.4      | 1.0        | 0.6 | 1,996     |
|                | Total  | 2.9  | 5.9      | 53.0     | 34.8     | 0.5      | 2.4        | 0.5 | 3,649     |
| Thika          | Male   | 1.4  | 4.9      | 35.7     | 51.2     | 1.2      | 4.2        | 1.4 | 6,761     |
|                | Female | 2.1  | 5.0      | 37.8     | 49.8     | 1.2      | 2.6        | 1.6 | 5,851     |
|                | Total  | 1.7  | 4.9      | 36.7     | 50.5     | 1.2      | 3.5        | 1.5 | 12,612    |
| Ruiru          | Male   | 1.2  | 3.5      | 32.2     | 55.5     | 1.3      | 5.2        | 1.1 | 8,279     |
|                | Female | 2.0  | 4.3      | 35.7     | 52.5     | 1.3      | 3.1        | 1.1 | 6,892     |
|                | Total  | 1.6  | 3.9      | 33.8     | 54.1     | 1.3      | 4.3        | 1.1 | 15,171    |
| Kilifi         | Male   | 6.2  | 9.9      | 45.5     | 34.2     | 0.7      | 1.9        | 1.5 | 2,717     |
|                | Female | 33.1 | 11.6     | 33.2     | 19.6     | 0.4      | 0.8        | 1.3 | 3,171     |
|                | Total  | 20.7 | 10.8     | 38.9     | 26.4     | 0.5      | 1.3        | 1.4 | 5,888     |
| Mtwapa         | Male   | 3.7  | 4.0      | 32.8     | 53.8     | 1.1      | 3.5        | 1.0 | 1,575     |
|                | Female | 9.3  | 5.7      | 32.4     | 48.7     | 1.2      | 2.1        | 0.6 | 1,381     |
|                | Total  | 6.3  | 4.8      | 32.6     | 51.5     | 1.2      | 2.8        | 0.8 | 2,956     |
| Mariakani      | Male   | 10.8 | 12.1     | 44.7     | 28.5     | 0.8      | 1.7        | 1.4 | 1,965     |
|                | Female | 44.1 | 9.8      | 28.0     | 16.6     | 0.2      | 0.4        | 0.9 | 2,448     |
|                | Total  | 29.3 | 10.9     | 35.5     | 21.9     | 0.5      | 1.0        | 1.1 | 4,413     |
| Msambweni      | Male   | 10.2 | 8.0      | 49.5     | 28.3     | 1.0      | 2.0        | 1.0 | 410       |
|                | Female | 21.5 | 12.0     | 41.5     | 23.0     | 0.6      | 0.6        | 0.9 | 535       |
|                | Total  | 16.6 | 10.3     | 45.0     | 25.3     | 0.7      | 1.2        | 1.0 | 945       |
| Ukunda         | Male   | 3.8  | 5.2      | 37.1     | 50.3     | 0.8      | 1.2        | 1.6 | 3,120     |
|                | Female | 10.2 | 7.6      | 38.5     | 39.8     | 1.2      | 0.9        | 1.8 | 2,563     |
|                | Total  | 6.7  | 6.3      | 37.7     | 45.6     | 1.0      | 1.1        | 1.7 | 5,683     |

**Table 6.3 Distribution of Urban Population Aged 25-29 by Sex, Education Attainment and Urban Centre, 1999 (Continued)**

|                 |        |      |      |      |      |     |     |     |        |
|-----------------|--------|------|------|------|------|-----|-----|-----|--------|
| <b>Lamu</b>     | Male   | 9.4  | 7.8  | 40.6 | 39.5 | 0.7 | 1.2 | 0.7 | 562    |
|                 | Female | 33.5 | 12.3 | 30.9 | 21.8 | 0.3 | 0.5 | 0.7 | 579    |
|                 | Total  | 21.6 | 10.1 | 35.7 | 30.5 | 0.5 | 0.9 | 0.7 | 1,141  |
| <b>Taveta</b>   | Male   | 5.2  | 11.6 | 56.8 | 23.9 | 0.3 | 1.4 | 0.9 | 2,389  |
|                 | Female | 8.1  | 13.6 | 58.4 | 18.5 | 0.1 | 0.2 | 1.1 | 2,186  |
|                 | Total  | 6.6  | 12.5 | 57.5 | 21.3 | 0.2 | 0.8 | 1.0 | 4,575  |
| <b>Voi</b>      | Male   | 1.5  | 5.7  | 41.5 | 47.0 | 1.0 | 2.1 | 1.2 | 1,353  |
|                 | Female | 2.9  | 8.5  | 45.4 | 41.1 | 0.6 | 0.5 | 1.0 | 1,362  |
|                 | Total  | 2.2  | 7.1  | 43.5 | 44.1 | 0.8 | 1.3 | 1.1 | 2,715  |
| <b>Hola</b>     | Male   | 11.3 | 6.0  | 30.0 | 47.9 | 1.5 | 2.8 | 0.5 | 397    |
|                 | Female | 29.2 | 10.3 | 30.7 | 28.4 | 0.4 | 0.0 | 1.0 | 486    |
|                 | Total  | 21.2 | 8.4  | 30.4 | 37.1 | 0.9 | 1.2 | 0.8 | 883    |
| <b>Malindi</b>  | Male   | 5.9  | 7.6  | 48.6 | 34.4 | 0.7 | 1.5 | 1.2 | 6,412  |
|                 | Female | 24.3 | 11.2 | 37.0 | 24.4 | 0.6 | 1.1 | 1.4 | 5,452  |
|                 | Total  | 14.4 | 9.3  | 43.3 | 29.8 | 0.7 | 1.3 | 1.3 | 11,864 |
| <b>Embu</b>     | Male   | 1.9  | 5.6  | 38.1 | 47.3 | 1.6 | 4.6 | 0.8 | 2,625  |
|                 | Female | 2.6  | 4.9  | 34.5 | 52.9 | 1.1 | 2.7 | 1.3 | 2,836  |
|                 | Total  | 2.3  | 5.2  | 36.3 | 50.2 | 1.3 | 3.6 | 1.0 | 5,461  |
| <b>Isiolo</b>   | Male   | 11.7 | 5.0  | 30.2 | 47.9 | 1.0 | 3.3 | 1.0 | 1,308  |
|                 | Female | 23.8 | 5.3  | 32.3 | 35.9 | 0.3 | 0.9 | 1.6 | 1,581  |
|                 | Total  | 18.3 | 5.2  | 31.3 | 41.3 | 0.6 | 2.0 | 1.3 | 2,889  |
| <b>Kitui</b>    | Male   | 2.2  | 8.6  | 53.0 | 32.7 | 0.3 | 2.6 | 0.7 | 3,050  |
|                 | Female | 2.6  | 6.9  | 57.5 | 30.6 | 0.4 | 1.3 | 0.8 | 4,231  |
|                 | Total  | 2.4  | 7.6  | 55.6 | 31.5 | 0.3 | 1.9 | 0.7 | 7,281  |
| <b>Mavoko</b>   | Male   | 1.4  | 3.3  | 33.3 | 54.8 | 1.0 | 4.0 | 2.2 | 2,120  |
|                 | Female | 2.4  | 3.9  | 34.8 | 52.7 | 1.4 | 3.3 | 1.6 | 1,646  |
|                 | Total  | 1.8  | 3.6  | 33.9 | 53.9 | 1.2 | 3.7 | 1.9 | 3,766  |
| <b>Marsabit</b> | Male   | 18.2 | 4.7  | 25.4 | 47.1 | 0.4 | 3.7 | 0.6 | 512    |
|                 | Female | 40.0 | 7.5  | 25.2 | 24.1 | 0.2 | 1.5 | 1.5 | 477    |
|                 | Total  | 28.7 | 6.1  | 25.3 | 36.0 | 0.3 | 2.6 | 1.0 | 989    |
| <b>Meru</b>     | Male   | 1.9  | 7.0  | 49.1 | 37.1 | 0.9 | 3.1 | 0.9 | 5,051  |
|                 | Female | 2.2  | 4.8  | 46.0 | 43.9 | 0.6 | 1.7 | 0.9 | 5,523  |
|                 | Total  | 2.1  | 5.8  | 47.5 | 40.7 | 0.7 | 2.4 | 0.9 | 10,574 |
| <b>Moyale</b>   | Male   | 41.3 | 6.5  | 21.5 | 27.2 | 0.1 | 1.2 | 2.2 | 766    |
|                 | Female | 67.9 | 7.3  | 13.6 | 9.1  | 0.1 | 0.6 | 1.4 | 861    |
|                 | Total  | 55.4 | 6.9  | 17.3 | 17.6 | 0.1 | 0.9 | 1.8 | 1,627  |

**Table 6.3 Distribution of Urban Population Aged 25-29 by Sex, Education Attainment (Continued)**

|               |        |      |      |      |      |     |      |     |        |
|---------------|--------|------|------|------|------|-----|------|-----|--------|
| Garissa       | Male   | 38.2 | 3.4  | 16.5 | 36.0 | 1.1 | 3.2  | 1.6 | 2,525  |
|               | Female | 69.3 | 3.3  | 10.8 | 14.2 | 0.3 | 0.3  | 1.8 | 2,723  |
|               | Total  | 54.3 | 3.4  | 13.6 | 24.7 | 0.6 | 1.7  | 1.7 | 5,248  |
| Mombasa       | Male   | 4.3  | 4.9  | 36.1 | 49.5 | 1.3 | 2.8  | 1.2 | 50,146 |
|               | Female | 10.3 | 6.1  | 37.6 | 41.9 | 1.1 | 1.9  | 1.1 | 37,041 |
|               | Total  | 6.8  | 5.4  | 36.7 | 46.2 | 1.2 | 2.4  | 1.2 | 87,187 |
| Elwak         | Male   | 47.4 | 2.1  | 15.4 | 33.3 | 0.4 | 0.9  | 0.4 | 234    |
|               | Female | 81.5 | 3.7  | 7.7  | 5.2  | 0.0 | 0.0  | 1.8 | 325    |
|               | Total  | 67.3 | 3.0  | 10.9 | 17.0 | 0.2 | 0.4  | 1.3 | 559    |
| Mandera       | Male   | 46.2 | 3.3  | 14.3 | 33.3 | 0.6 | 1.3  | 0.9 | 1,122  |
|               | Female | 86.3 | 2.1  | 5.6  | 4.9  | 0.1 | 0.4  | 0.6 | 1,347  |
|               | Total  | 68.1 | 2.6  | 9.6  | 17.8 | 0.4 | 0.8  | 0.7 | 2,469  |
| Wajir         | Male   | 49.2 | 2.4  | 16.2 | 29.3 | 0.3 | 1.9  | 0.8 | 1,274  |
|               | Female | 78.8 | 2.2  | 9.3  | 8.5  | 0.0 | 0.3  | 0.9 | 1,558  |
|               | Total  | 65.5 | 2.3  | 12.4 | 17.9 | 0.1 | 1.0  | 0.8 | 2,832  |
| Homa Bay      | Male   | 1.9  | 4.6  | 46.0 | 41.3 | 1.1 | 3.7  | 1.3 | 1,861  |
|               | Female | 4.7  | 8.3  | 54.3 | 29.2 | 0.8 | 1.5  | 1.4 | 2,118  |
|               | Total  | 3.4  | 6.6  | 50.4 | 34.8 | 0.9 | 2.5  | 1.4 | 3,979  |
| Kisii         | Male   | 2.2  | 5.5  | 31.4 | 51.2 | 1.6 | 6.6  | 1.3 | 2,616  |
|               | Female | 2.9  | 6.6  | 31.6 | 50.7 | 1.6 | 5.3  | 1.2 | 5,461  |
|               | Total  | 2.5  | 6.0  | 31.5 | 50.9 | 1.6 | 5.9  | 1.2 | 8,077  |
| Kehancha      | Male   | 5.6  | 13.9 | 56.4 | 20.8 | 0.5 | 1.4  | 1.3 | 5,012  |
|               | Female | 15.3 | 24.5 | 49.3 | 9.3  | 0.1 | 0.3  | 1.2 | 6,158  |
|               | Total  | 11.0 | 19.7 | 52.5 | 14.5 | 0.3 | 0.8  | 1.2 | 11,170 |
| Migori        | Male   | 2.6  | 9.3  | 52.4 | 31.1 | 0.6 | 2.6  | 1.5 | 3,235  |
|               | Female | 7.0  | 14.6 | 54.8 | 20.5 | 0.5 | 1.0  | 1.5 | 3,795  |
|               | Total  | 5.0  | 12.2 | 53.7 | 25.4 | 0.6 | 1.7  | 1.5 | 7,030  |
| Awendo        | Male   | 1.9  | 5.4  | 51.0 | 36.8 | 0.7 | 2.3  | 2.0 | 3,148  |
|               | Female | 5.4  | 10.9 | 59.9 | 20.4 | 0.6 | 0.9  | 2.0 | 3,450  |
|               | Total  | 3.7  | 8.3  | 55.6 | 28.2 | 0.6 | 1.6  | 2.0 | 6,598  |
| Siaya         | Male   | 3.0  | 8.5  | 45.1 | 37.1 | 1.2 | 3.7  | 1.4 | 1,092  |
|               | Female | 5.7  | 8.5  | 51.3 | 31.4 | 0.8 | 1.0  | 1.3 | 1,465  |
|               | Total  | 4.6  | 8.5  | 48.7 | 33.8 | 1.0 | 2.2  | 1.3 | 2,557  |
| Muhoroni      | Male   | 2.4  | 6.0  | 42.8 | 43.8 | 0.9 | 2.9  | 1.2 | 1,284  |
|               | Female | 4.3  | 7.6  | 51.6 | 31.9 | 0.9 | 2.1  | 1.6 | 1,116  |
|               | Total  | 3.3  | 6.8  | 46.9 | 38.3 | 0.9 | 2.5  | 1.4 | 2,400  |
| Ngong         | Male   | 3.6  | 5.3  | 36.4 | 46.0 | 2.1 | 5.2  | 1.3 | 1,411  |
|               | Female | 2.5  | 5.3  | 36.7 | 46.1 | 2.7 | 5.8  | 0.9 | 1,257  |
|               | Total  | 3.1  | 5.3  | 36.5 | 46.1 | 2.4 | 5.5  | 1.1 | 2,668  |
| Ongata Rongai | Male   | 2.9  | 4.6  | 30.2 | 47.9 | 2.3 | 10.9 | 1.1 | 2,609  |
|               | Female | 2.6  | 4.4  | 30.0 | 49.4 | 3.1 | 9.0  | 1.5 | 2,327  |
|               | Total  | 2.8  | 4.5  | 30.1 | 48.6 | 2.7 | 10.0 | 1.3 | 4,936  |
| Kericho       | Male   | 2.0  | 5.1  | 39.3 | 47.4 | 1.0 | 3.9  | 1.3 | 4,816  |
|               | Female | 4.1  | 8.0  | 42.4 | 40.8 | 0.7 | 2.4  | 1.6 | 3,986  |
|               | Total  | 3.0  | 6.4  | 40.7 | 44.4 | 0.9 | 3.2  | 1.4 | 8,802  |

Table 6.3 Distribution of Urban Population Aged 25-29 by Sex, Education Attainment (Continued)

|               |        |      |     |      |      |     |     |      |        |
|---------------|--------|------|-----|------|------|-----|-----|------|--------|
| Eldama Ravine | Male   | 2.1  | 6.1 | 39.2 | 47.9 | 0.6 | 3.7 | 0.5  | 1,432  |
|               | Female | 3.3  | 7.2 | 38.9 | 47.4 | 0.6 | 1.3 | 1.1  | 1,410  |
|               | Total  | 2.7  | 6.7 | 39.1 | 47.7 | 0.6 | 2.5 | 0.8  | 2,842  |
| Nanyuki       | Male   | 3.1  | 4.0 | 34.8 | 53.0 | 1.2 | 3.0 | 0.8  | 2,734  |
|               | Female | 5.8  | 5.4 | 37.6 | 47.8 | 1.0 | 1.7 | 0.7  | 2,665  |
|               | Total  | 4.4  | 4.7 | 36.2 | 50.4 | 1.1 | 2.4 | 0.7  | 5,399  |
| Nyahururu     | Male   | 1.4  | 3.5 | 38.3 | 50.3 | 1.3 | 4.1 | 1.0  | 1,707  |
|               | Female | 1.8  | 4.2 | 40.8 | 48.1 | 1.3 | 3.1 | 0.7  | 1,942  |
|               | Total  | 1.6  | 3.9 | 39.6 | 49.2 | 1.3 | 3.6 | 0.8  | 3,649  |
| Molo          | Male   | 2.9  | 7.0 | 48.9 | 36.9 | 1.0 | 2.4 | 0.8  | 3,595  |
|               | Female | 3.9  | 8.0 | 56.0 | 29.8 | 0.5 | 0.9 | 0.9  | 3,907  |
|               | Total  | 3.5  | 7.5 | 52.6 | 33.2 | 0.7 | 1.6 | 0.9  | 7,502  |
| Elburgon      | Male   | 3.9  | 4.9 | 45.1 | 43.1 | 0.8 | 2.1 | 0.1  | 1,092  |
|               | Female | 5.7  | 6.4 | 54.3 | 31.8 | 0.8 | 0.7 | 0.4  | 1,039  |
|               | Total  | 4.8  | 5.6 | 49.6 | 37.6 | 0.8 | 1.4 | 0.2  | 2,131  |
| Njoro         | Male   | 1.1  | 3.6 | 39.0 | 37.2 | 0.7 | 2.3 | 16.1 | 826    |
|               | Female | 3.1  | 4.9 | 39.8 | 36.3 | 0.9 | 0.9 | 14.0 | 862    |
|               | Total  | 2.1  | 4.3 | 39.4 | 36.7 | 0.8 | 1.6 | 15.0 | 1,688  |
| Gilgil        | Male   | 2.7  | 3.5 | 30.3 | 57.7 | 1.2 | 4.1 | 0.6  | 1,127  |
|               | Female | 8.3  | 4.4 | 34.1 | 49.6 | 1.2 | 1.9 | 0.5  | 1,061  |
|               | Total  | 5.4  | 3.9 | 32.2 | 53.7 | 1.2 | 3.0 | 0.5  | 2,188  |
| Naivasha      | Male   | 3.6  | 5.4 | 44.5 | 42.6 | 0.7 | 2.1 | 1.1  | 7,887  |
|               | Female | 6.4  | 6.7 | 50.7 | 33.7 | 0.5 | 1.1 | 0.9  | 7,162  |
|               | Total  | 4.9  | 6.0 | 47.5 | 38.4 | 0.6 | 1.6 | 1.0  | 15,049 |
| Kapsabet      | Male   | 2.8  | 8.3 | 41.0 | 40.0 | 2.5 | 3.6 | 1.7  | 2,038  |
|               | Female | 3.4  | 8.1 | 45.4 | 38.7 | 1.0 | 2.4 | 0.9  | 2,096  |
|               | Total  | 3.1  | 8.2 | 43.3 | 39.4 | 1.7 | 3.0 | 1.3  | 4,134  |
| Narok         | Male   | 21.0 | 5.1 | 32.7 | 36.6 | 0.7 | 2.7 | 1.2  | 2,042  |
|               | Female | 31.2 | 5.8 | 30.4 | 30.0 | 0.6 | 1.4 | 0.6  | 1,917  |
|               | Total  | 25.9 | 5.5 | 31.6 | 33.4 | 0.7 | 2.1 | 0.9  | 3,959  |
| Maralal       | Male   | 24.8 | 6.0 | 30.0 | 33.1 | 0.8 | 3.0 | 2.4  | 880    |
|               | Female | 49.8 | 7.2 | 19.8 | 20.8 | 0.2 | 0.8 | 1.4  | 1,104  |
|               | Total  | 38.7 | 6.7 | 24.3 | 26.3 | 0.5 | 1.8 | 1.8  | 1,984  |
| Kitale        | Male   | 3.6  | 5.1 | 36.0 | 50.2 | 1.3 | 3.0 | 0.8  | 4,291  |
|               | Female | 6.2  | 6.7 | 39.5 | 44.3 | 0.9 | 2.0 | 0.5  | 4,056  |
|               | Total  | 4.8  | 5.8 | 37.7 | 47.3 | 1.1 | 2.5 | 0.7  | 8,347  |
| Lokichoggio   | Male   | 27.1 | 6.0 | 28.2 | 35.1 | 0.7 | 2.5 | 0.4  | 1,126  |
|               | Female | 56.4 | 8.0 | 17.6 | 16.5 | 0.4 | 0.4 | 0.8  | 784    |
|               | Total  | 39.1 | 6.9 | 23.8 | 27.4 | 0.6 | 1.6 | 0.6  | 1,910  |
| Lodwar        | Male   | 35.2 | 5.9 | 24.3 | 30.0 | 0.7 | 3.5 | 0.4  | 968    |
|               | Female | 61.1 | 8.2 | 156  | 13.5 | 0.2 | 1.2 | 0.2  | 1,538  |
|               | Total  | 51.1 | 7.3 | 19.0 | 19.9 | 0.4 | 2.1 | 0.3  | 2,506  |
| Eldoret       | Male   | 2.4  | 3.7 | 30.2 | 56.3 | 1.5 | 4.6 | 1.4  | 12,213 |
|               | Female | 4.1  | 4.9 | 34.7 | 50.9 | 1.4 | 2.7 | 1.4  | 10,863 |
|               | Total  | 3.2  | 4.3 | 32.3 | 53.7 | 1.5 | 3.7 | 1.4  | 23,076 |
| Bungoma       | Male   | 3.1  | 6.4 | 38.5 | 45.5 | 1.7 | 3.3 | 1.4  | 2,784  |
|               | Female | 4.3  | 6.8 | 42.6 | 42.1 | 0.8 | 1.9 | 1.5  | 2,984  |
|               | Total  | 3.7  | 6.6 | 40.7 | 43.7 | 1.3 | 2.6 | 1.5  | 5,768  |

**Table 6.3 Distribution of Urban Population Aged 25-29 by Sex, Education Attainment (Continued)**

|            |        |      |      |      |      |     |     |     |        |
|------------|--------|------|------|------|------|-----|-----|-----|--------|
| Kimilili   | Male   | 2.8  | 6.6  | 46.7 | 38.3 | 0.9 | 3.2 | 1.4 | 2,141  |
|            | Female | 3.1  | 6.1  | 49.3 | 38.6 | 0.4 | 1.6 | 0.9 | 2,585  |
|            | Total  | 3.0  | 6.3  | 48.1 | 38.5 | 0.6 | 2.3 | 1.1 | 4,726  |
| Webuye     | Male   | 2.4  | 6.5  | 40.4 | 45.9 | 1.3 | 2.5 | 1.0 | 2,451  |
|            | Female | 3.3  | 6.0  | 45.9 | 41.9 | 0.7 | 1.3 | 0.8 | 2,656  |
|            | Total  | 2.9  | 6.2  | 43.3 | 43.8 | 1.0 | 1.9 | 0.9 | 5,107  |
| Busia      | Male   | 3.8  | 7.7  | 38.9 | 44.7 | 1.7 | 2.8 | 0.5 | 1,613  |
|            | Female | 10.3 | 9.5  | 40.9 | 36.3 | 1.5 | 0.8 | 0.6 | 1,773  |
|            | Total  | 7.2  | 8.7  | 40.0 | 40.3 | 1.6 | 1.8 | 0.6 | 3,386  |
| Kakamega   | Male   | 4.4  | 7.3  | 32.9 | 47.9 | 2.2 | 4.7 | 0.8 | 3,059  |
|            | Female | 4.9  | 7.2  | 33.5 | 48.6 | 2.0 | 2.9 | 0.9 | 2,993  |
|            | Total  | 4.6  | 7.2  | 33.2 | 48.2 | 2.1 | 3.8 | 0.8 | 6,052  |
| Kisumu     | Male   | 1.9  | 3.9  | 39.0 | 47.8 | 1.6 | 4.7 | 1.1 | 14,389 |
|            | Female | 3.7  | 5.9  | 45.0 | 40.3 | 1.2 | 2.8 | 1.2 | 13,766 |
|            | Total  | 2.7  | 4.9  | 41.9 | 44.1 | 1.4 | 3.8 | 1.2 | 28,155 |
| Nakuru     | Male   | 1.6  | 3.1  | 29.9 | 58.7 | 1.5 | 4.5 | 0.7 | 14,681 |
|            | Female | 2.7  | 4.0  | 33.9 | 54.5 | 1.5 | 2.6 | 0.9 | 13,255 |
|            | Total  | 2.1  | 3.5  | 31.8 | 56.7 | 1.5 | 3.6 | 0.8 | 27,936 |
| Vihiga     | Male   | 2.0  | 9.7  | 45.8 | 36.7 | 1.3 | 4.1 | 0.4 | 2,638  |
|            | Female | 2.2  | 5.6  | 49.6 | 40.0 | 0.9 | 1.3 | 0.4 | 3,829  |
|            | Total  | 2.1  | 7.3  | 48.1 | 38.6 | 1.1 | 2.5 | 0.4 | 6,467  |
| Mumias     | Male   | 6.5  | 11.0 | 42.0 | 36.4 | 0.8 | 2.7 | 0.6 | 3,619  |
|            | Female | 11.8 | 12.2 | 45.3 | 28.0 | 0.7 | 1.2 | 0.8 | 4,159  |
|            | Total  | 9.3  | 11.6 | 43.7 | 31.9 | 0.8 | 1.9 | 0.7 | 7,778  |
| Machakos   | Male   | 1.5  | 6.2  | 42.0 | 43.8 | 0.9 | 4.1 | 1.5 | 5,589  |
|            | Female | 1.6  | 4.7  | 43.4 | 45.7 | 1.1 | 2.4 | 1.1 | 6,194  |
|            | Total  | 1.6  | 5.4  | 42.7 | 44.8 | 1.0 | 3.2 | 1.3 | 11,783 |
| Kapenguria | Male   | 9.0  | 10.8 | 44.1 | 33.1 | 0.7 | 1.8 | 0.6 | 1,959  |
|            | Female | 19.6 | 12.6 | 43.2 | 23.3 | 0.2 | 0.7 | 0.4 | 2,253  |
|            | Total  | 14.6 | 11.8 | 43.6 | 27.8 | 0.4 | 1.2 | 0.5 | 4,212  |

#### 6.4 Urban Population by Particulars on Labour Force

Table 6.4 shows the distribution of the urban population by the main activities they were engaged in prior to the census. Majority of the urban population worked in paid employment. The national figures indicate that: more men (43.4%) than women (21.4%) were working for pay; more men (5.6%) than women (3.6%) were seeking employment; 15.1 percent of women and no man were home makers; and 6.1 percent of men had no work compared with 10.1 percent of women in the same situation. The plausible explanation is that women, particularly the unemployed, migrate to accompany their husbands who have migrated to seek job opportunities or those on employment. The socio-economic development of the districts and provinces in Kenya can be inferred from the unemployment rates. The existing reality on the ground, varying from province to province gives this disparity in development. Table 6.4 confirms this variation, as depicted by the data as follows: the national unemployment rate was reported to be 8.0 percent, going by those who reported as having no work. At the provincial level, the unemployment rate was higher than the national in three provinces, i.e. North Eastern (13.4%), Coast (9.5 %) and Nairobi (8.5), and lowest in Eastern (6.0%) and Western (6.0%) provinces.

Thirteen (19%) districts reported higher rates of unemployment than the national figure of 8.0%. Those with the highest rates of at least 10 percent included Wajir (15.7%), Garissa (15.4%), Lamu (12.7%), Turkana (12.6%), Moyale (12.2%), Malindi (10.1%) and Mandera (10.0%).

**Table 6.4 Distribution of Urban Population Aged 5+ by Sex, Labour Force Particulars and District, 1999**

| District  | Sex    | Worked<br>for Pay | Worked<br>on own/<br>Family<br>Business | Worked<br>on own/<br>Family<br>Holding | Seeking<br>work | No<br>Work | Fulltime<br>Student | Retired | Incapaci-<br>tated | Home-<br>maker | NS  | Total     |
|-----------|--------|-------------------|-----------------------------------------|----------------------------------------|-----------------|------------|---------------------|---------|--------------------|----------------|-----|-----------|
| KENYA     | Male   | 43.4              | 13.2                                    | 4.4                                    | 5.6             | 6.1        | 21.6                | 0.6     | 0.3                | 0.3            | 4.4 | 2,358,812 |
|           | Female | 21.4              | 13.7                                    | 6.1                                    | 3.6             | 10.1       | 23.8                | 0.4     | 0.4                | 15.1           | 5.6 | 2,156,099 |
|           | Total  | 32.9              | 13.4                                    | 5.2                                    | 4.7             | 8.0        | 22.7                | 0.5     | 0.3                | 7.4            | 5.0 | 4,514,911 |
| NAIROBI   | Male   | 48.6              | 12.3                                    | 1.8                                    | 6.9             | 6.7        | 19.4                | 0.6     | 0.2                | 0.2            | 3.2 | 962,940   |
|           | Female | 26.6              | 11.6                                    | 2.6                                    | 5.0             | 10.6       | 23.0                | 0.5     | 0.3                | 15.2           | 4.5 | 817,408   |
|           | Total  | 38.5              | 12.0                                    | 2.1                                    | 6.0             | 8.5        | 21.1                | 0.6     | 0.2                | 7.1            | 3.8 | 1,780,348 |
| CENTRAL   | Male   | 43.4              | 14.5                                    | 7.9                                    | 4.1             | 4.5        | 21.2                | 0.5     | 0.2                | 0.3            | 3.4 | 150,702   |
|           | Female | 26.1              | 15.4                                    | 11.2                                   | 3.1             | 6.9        | 22.3                | 0.4     | 0.3                | 10.5           | 3.7 | 151,260   |
|           | Total  | 34.7              | 14.9                                    | 9.6                                    | 3.6             | 5.7        | 21.7                | 0.4     | 0.3                | 5.4            | 3.6 | 301,962   |
| Kiambu    | Male   | 45.6              | 13.6                                    | 4.2                                    | 4.6             | 4.6        | 23.4                | 0.6     | 0.3                | 0.3            | 2.8 | 15,498    |
|           | Female | 29.4              | 14.6                                    | 6.7                                    | 3.9             | 7.1        | 22.8                | 0.4     | 0.4                | 11.9           | 2.7 | 16,393    |
|           | Total  | 37.3              | 14.1                                    | 5.5                                    | 4.2             | 5.9        | 23.1                | 0.5     | 0.4                | 6.3            | 2.8 | 31,891    |
| Kirinyaga | Male   | 42.5              | 18.2                                    | 7.9                                    | 1.3             | 3.5        | 22.6                | 0.5     | 0.4                | 0.1            | 3.0 | 11,181    |
|           | Female | 29.4              | 21.5                                    | 9.7                                    | 1.8             | 6.0        | 22.0                | 0.3     | 0.4                | 6.3            | 2.5 | 12,189    |
|           | Total  | 35.6              | 20.0                                    | 8.9                                    | 1.6             | 4.8        | 22.3                | 0.4     | 0.4                | 3.3            | 2.7 | 23,370    |
| Muran'ga  | Male   | 41.8              | 10.9                                    | 13.9                                   | 1.8             | 4.4        | 22.2                | 0.5     | 0.3                | 0.1            | 4.1 | 6,108     |
|           | Female | 29.7              | 12.8                                    | 18.5                                   | 1.7             | 5.8        | 22.8                | 0.3     | 0.6                | 4.5            | 3.4 | 6,905     |
|           | Total  | 35.4              | 11.9                                    | 16.3                                   | 1.8             | 5.1        | 22.5                | 0.4     | 0.5                | 2.4            | 3.8 | 13,013    |
| Nyandarua | Male   | 23.9              | 11.1                                    | 39.0                                   | 1.2             | 2.5        | 17.8                | 0.3     | 0.3                | 1.0            | 2.9 | 13,376    |
|           | Female | 11.1              | 10.3                                    | 48.9                                   | 0.8             | 2.6        | 18.3                | 0.2     | 0.2                | 4.9            | 2.5 | 14,191    |
|           | Total  | 17.3              | 10.7                                    | 44.1                                   | 1.0             | 2.6        | 18.1                | 0.3     | 0.3                | 3.0            | 2.7 | 27,567    |
| Nyeri     | Male   | 43.4              | 15.4                                    | 7.4                                    | 2.6             | 4.0        | 23.7                | 0.5     | 0.2                | 0.3            | 2.6 | 26,207    |
|           | Female | 29.6              | 15.8                                    | 10.4                                   | 2.1             | 6.5        | 23.7                | 0.4     | 0.3                | 8.6            | 2.5 | 28,799    |
|           | Total  | 36.2              | 15.6                                    | 9.0                                    | 2.4             | 5.3        | 23.7                | 0.5     | 0.2                | 4.6            | 2.6 | 55,006    |
| Thika     | Male   | 46.9              | 14.5                                    | 2.8                                    | 5.7             | 5.2        | 20.0                | 0.4     | 0.2                | 0.2            | 3.9 | 74,407    |
|           | Female | 26.1              | 15.3                                    | 4.3                                    | 4.3             | 8.3        | 22.4                | 0.4     | 0.3                | 13.6           | 5.0 | 68,243    |
|           | Total  | 36.9              | 14.9                                    | 3.5                                    | 5.0             | 6.7        | 21.2                | 0.4     | 0.2                | 6.6            | 4.4 | 142,650   |
| Maragua   | Male   | 39.6              | 17.4                                    | 7.9                                    | 2.6             | 5.0        | 22.8                | 0.5     | 0.4                | 0.2            | 3.6 | 3,925     |
|           | Female | 25.3              | 21.1                                    | 11.4                                   | 2.1             | 6.7        | 20.8                | 0.2     | 0.2                | 8.6            | 3.5 | 4,540     |
|           | Total  | 31.9              | 19.4                                    | 9.8                                    | 2.4             | 5.9        | 21.7                | 0.4     | 0.3                | 4.7            | 3.6 | 8,465     |
| COAST     | Male   | 43.1              | 13.2                                    | 3.6                                    | 7.3             | 6.4        | 19.4                | 1.0     | 0.3                | 0.3            | 5.4 | 405,783   |
|           | Female | 16.7              | 12.7                                    | 5.3                                    | 3.6             | 13.0       | 21.3                | 0.4     | 0.5                | 19.8           | 6.6 | 351,774   |
|           | Total  | 30.8              | 13.0                                    | 4.4                                    | 5.6             | 9.5        | 20.3                | 0.7     | 0.4                | 9.4            | 5.9 | 757,557   |
| Kilifi    | Male   | 39.3              | 14.6                                    | 4.7                                    | 5.9             | 5.4        | 21.3                | 0.8     | 0.4                | 0.4            | 7.2 | 28,948    |
|           | Female | 17.7              | 14.2                                    | 8.9                                    | 3.5             | 11.0       | 20.7                | 0.3     | 0.7                | 15.5           | 7.5 | 28,295    |
|           | Total  | 28.6              | 14.4                                    | 6.7                                    | 4.7             | 8.2        | 21.0                | 0.6     | 0.5                | 7.8            | 7.4 | 57,243    |
| Kwale     | Male   | 33.9              | 15.4                                    | 6.9                                    | 7.6             | 5.4        | 21.4                | 0.8     | 0.4                | 0.5            | 7.8 | 26,913    |
|           | Female | 11.7              | 13.9                                    | 10.0                                   | 3.1             | 11.9       | 21.4                | 0.3     | 0.4                | 19.0           | 8.2 | 25,260    |
|           | Total  | 23.2              | 14.7                                    | 8.4                                    | 5.4             | 8.5        | 21.4                | 0.6     | 0.4                | 9.4            | 8.0 | 52,173    |

Table 6.4 Distribution of Urban Population Aged 5+ by Sex, Economic Activity (Continued)

|           |        |      |      |      |     |      |      |     |     |      |      |         |
|-----------|--------|------|------|------|-----|------|------|-----|-----|------|------|---------|
| Lamu      | Male   | 38.5 | 15.6 | 4.5  | 3.1 | 5.7  | 24.5 | 0.7 | 1.1 | 0.2  | 6.2  | 6,177   |
|           | Female | 7.5  | 10.8 | 3.2  | 1.2 | 19.6 | 23.0 | 0.3 | 2.0 | 25.2 | 7.2  | 6,378   |
|           | Total  | 22.7 | 13.2 | 3.8  | 2.1 | 12.7 | 23.7 | 0.5 | 1.6 | 12.9 | 6.7  | 12,555  |
| Mombasa   | Male   | 44.8 | 12.6 | 2.9  | 7.9 | 6.8  | 18.5 | 1.1 | 0.3 | 0.4  | 4.8  | 299,229 |
|           | Female | 17.6 | 12.2 | 4.4  | 3.9 | 13.4 | 21.2 | 0.5 | 0.4 | 20.4 | 6.2  | 249,259 |
|           | Total  | 32.4 | 12.4 | 3.6  | 6.1 | 9.8  | 19.7 | 0.8 | 0.4 | 9.4  | 5.4  | 548,488 |
| T. Taveta | Male   | 37.8 | 15.3 | 7.5  | 4.4 | 4.1  | 26.0 | 0.6 | 0.4 | 0.2  | 3.5  | 14,500  |
|           | Female | 17.6 | 17.4 | 7.8  | 2.2 | 8.5  | 26.6 | 0.4 | 0.6 | 15.7 | 3.3  | 14,839  |
|           | Total  | 27.6 | 16.4 | 7.7  | 3.3 | 6.3  | 26.3 | 0.5 | 0.5 | 8.0  | 3.4  | 29,339  |
| T. River  | Male   | 30.4 | 11.0 | 12.9 | 2.9 | 4.6  | 19.4 | 0.6 | 1.2 | 0.4  | 16.8 | 5,850   |
|           | Female | 8.7  | 11.4 | 8.0  | 0.9 | 11.9 | 18.0 | 0.3 | 1.5 | 21.9 | 17.4 | 6,267   |
|           | Total  | 19.2 | 11.2 | 10.3 | 1.8 | 8.3  | 18.7 | 0.4 | 1.4 | 11.5 | 17.1 | 12,117  |
| Malindi   | Male   | 43.9 | 14.9 | 2.8  | 4.9 | 5.9  | 19.8 | 0.9 | 0.4 | 0.3  | 6.1  | 24,166  |
|           | Female | 15.3 | 13.7 | 3.6  | 2.8 | 14.9 | 20.5 | 0.7 | 0.5 | 20.7 | 7.2  | 21,476  |
|           | Total  | 30.4 | 14.3 | 3.2  | 3.9 | 10.1 | 20.1 | 0.8 | 0.4 | 9.9  | 6.6  | 45,642  |
| EASTERN   | Male   | 42.5 | 14.5 | 8.7  | 3.8 | 4.4  | 20.9 | 0.6 | 0.3 | 0.3  | 4.0  | 111,389 |
|           | Female | 25.3 | 16.0 | 10.3 | 2.6 | 7.5  | 21.1 | 0.4 | 0.5 | 11.5 | 4.7  | 114,642 |
|           | Total  | 33.8 | 15.3 | 9.5  | 3.2 | 6.0  | 21.0 | 0.5 | 0.4 | 6.0  | 4.4  | 226,031 |
| Embu      | Male   | 47.3 | 14.4 | 4.3  | 3.1 | 4.7  | 22.5 | 0.4 | 0.2 | 0.2  | 2.9  | 12,934  |
|           | Female | 32.5 | 15.2 | 5.7  | 2.9 | 8.0  | 23.1 | 0.3 | 0.2 | 9.0  | 3.1  | 14,099  |
|           | Total  | 39.6 | 14.8 | 5.1  | 3.0 | 6.4  | 22.8 | 0.4 | 0.2 | 4.8  | 3.0  | 27,033  |
| Isiolo    | Male   | 24.7 | 15.1 | 31.8 | 3.7 | 4.7  | 12.8 | 0.9 | 0.6 | 0.4  | 5.3  | 11,692  |
|           | Female | 9.7  | 17.3 | 28.0 | 1.7 | 8.5  | 11.1 | 0.4 | 1.0 | 16.8 | 5.5  | 12,696  |
|           | Total  | 16.9 | 16.3 | 29.8 | 2.7 | 6.7  | 11.9 | 0.6 | 0.8 | 8.9  | 5.4  | 24,388  |
| Kitui     | Mal    | 47.4 | 16.0 | 6.2  | 4.1 | 3.5  | 17.3 | 0.6 | 0.4 | 0.1  | 4.4  | 5,865   |
|           | Fame   | 28.6 | 18.8 | 9.2  | 2.9 | 6.2  | 18.0 | 0.3 | 0.6 | 9.3  | 6.1  | 6,494   |
|           | Total  | 37.5 | 17.5 | 7.8  | 3.5 | 4.9  | 17.7 | 0.5 | 0.5 | 4.9  | 5.3  | 12,359  |
| Makueni   | Male   | 46.6 | 15.8 | 6.9  | 3.3 | 3.6  | 18.7 | 0.4 | 0.2 | 0.3  | 4.2  | 9,740   |
|           | Female | 26.0 | 17.4 | 10.3 | 2.3 | 6.7  | 22.0 | 0.1 | 0.4 | 10.9 | 4.0  | 9,590   |
|           | Total  | 36.4 | 16.6 | 8.6  | 2.8 | 5.1  | 20.3 | 0.3 | 0.3 | 5.6  | 4.1  | 19,330  |
| Machakos  | Male   | 48.0 | 11.4 | 3.5  | 5.5 | 4.8  | 21.9 | 0.4 | 0.2 | 0.5  | 3.8  | 28,225  |
|           | Female | 30.5 | 13.7 | 4.2  | 3.3 | 8.1  | 22.7 | 0.3 | 0.3 | 12.6 | 4.4  | 27,424  |
|           | Total  | 39.3 | 12.5 | 3.8  | 4.4 | 6.4  | 22.3 | 0.4 | 0.3 | 6.4  | 4.1  | 55,649  |
| Marsabit  | Male   | 30.1 | 10.8 | 7.5  | 5.0 | 4.6  | 34.9 | 1.7 | 0.5 | 0.2  | 4.7  | 4,439   |
|           | Female | 9.7  | 8.9  | 3.7  | 2.9 | 9.5  | 30.2 | 1.5 | 0.5 | 24.7 | 8.4  | 4,546   |
|           | Total  | 19.8 | 9.8  | 5.6  | 3.9 | 7.1  | 32.6 | 1.6 | 0.5 | 12.6 | 6.6  | 8,985   |
| Mbeere    | Male   | 40.5 | 10.1 | 28.8 | 1.2 | 2.3  | 14.7 | 0.3 | 0.6 | 0.0  | 1.6  | 1,042   |
|           | Female | 22.9 | 15.2 | 36.9 | 0.7 | 1.8  | 15.2 | 0.1 | 1.4 | 3.9  | 1.7  | 978     |
|           | Total  | 32.0 | 12.6 | 32.7 | 0.9 | 2.1  | 15.0 | 0.2 | 1.0 | 1.9  | 1.7  | 2,020   |
| Meru C.   | Male   | 42.8 | 14.8 | 7.7  | 3.4 | 3.9  | 23.9 | 0.7 | 0.3 | 0.2  | 2.4  | 21,745  |
|           | Female | 27.2 | 15.6 | 12.1 | 2.7 | 5.7  | 24.6 | 0.5 | 0.4 | 8.6  | 2.5  | 22,960  |
|           | Total  | 34.8 | 15.2 | 9.9  | 3.0 | 4.9  | 24.3 | 0.6 | 0.4 | 4.5  | 2.4  | 44,705  |
| Moyale    | Male   | 26.5 | 17.1 | 5.7  | 2.6 | 8.8  | 27.9 | 0.8 | 1.5 | 0.3  | 8.9  | 3,954   |
|           | Female | 9.0  | 13.9 | 4.3  | 0.5 | 15.5 | 21.4 | 0.8 | 3.4 | 17.2 | 14.0 | 4,030   |
|           | Total  | 17.7 | 15.5 | 5.0  | 1.5 | 12.2 | 24.6 | 0.8 | 2.5 | 8.8  | 11.4 | 7,984   |
| Mwingi    | Male   | 48.4 | 16.8 | 3.9  | 2.4 | 3.0  | 19.1 | 0.5 | 0.1 | 0.2  | 5.7  | 4,211   |
|           | Female | 28.6 | 20.4 | 5.8  | 1.9 | 7.6  | 18.4 | 0.4 | 0.1 | 10.8 | 6.0  | 4,197   |
|           | Total  | 38.5 | 18.6 | 4.8  | 2.1 | 5.3  | 18.8 | 0.4 | 0.1 | 5.5  | 5.8  | 8,408   |
| Meru N.   | Male   | 45.2 | 26.1 | 8.4  | 1.4 | 4.0  | 7.1  | 0.2 | 0.3 | 0.2  | 7.1  | 4,885   |
|           | Female | 24.2 | 27.3 | 14.1 | 1.6 | 4.6  | 10.1 | 0.4 | 0.5 | 7.5  | 9.7  | 4,611   |
|           | Total  | 35.0 | 26.7 | 11.1 | 1.5 | 4.3  | 8.5  | 0.3 | 0.4 | 3.8  | 8.4  | 9,496   |
| Nithi     | Male   | 41.9 | 15.6 | 8.8  | 1.8 | 3.1  | 26.3 | 0.2 | 0.2 | 0.1  | 2.0  | 2,657   |
|           | Female | 31.0 | 17.5 | 12.8 | 2.5 | 5.8  | 24.9 | 0.1 | 0.6 | 3.0  | 1.9  | 3,017   |
|           | Total  | 36.1 | 16.6 | 10.9 | 2.2 | 4.5  | 25.6 | 0.1 | 0.4 | 1.7  | 1.9  | 5,674   |

Table 6.4 Distribution of Urban Population Aged 5+ by Sex, Economic Activity (Continued)

|                   |               |             |             |            |            |             |             |            |            |             |             |                |
|-------------------|---------------|-------------|-------------|------------|------------|-------------|-------------|------------|------------|-------------|-------------|----------------|
| <b>N. EASTERN</b> | <b>Male</b>   | <b>19.5</b> | <b>11.5</b> | <b>5.9</b> | <b>3.8</b> | <b>10.5</b> | <b>30.8</b> | <b>0.8</b> | <b>0.9</b> | <b>0.4</b>  | <b>15.9</b> | <b>51,575</b>  |
|                   | <b>Female</b> | <b>5.3</b>  | <b>10.8</b> | <b>3.1</b> | <b>1.2</b> | <b>16.4</b> | <b>18.2</b> | <b>0.5</b> | <b>1.4</b> | <b>23.1</b> | <b>20.0</b> | <b>51,557</b>  |
|                   | <b>Total</b>  | <b>12.4</b> | <b>11.2</b> | <b>4.5</b> | <b>2.5</b> | <b>13.4</b> | <b>24.5</b> | <b>0.7</b> | <b>1.1</b> | <b>11.8</b> | <b>17.9</b> | <b>103,132</b> |
| Garissa           | Male          | 22.4        | 10.6        | 5.0        | 4.3        | 12.3        | 28.7        | 0.7        | 0.8        | 0.4         | 14.8        | 24,755         |
|                   | Female        | 5.6         | 10.0        | 2.1        | 1.5        | 18.6        | 17.4        | 0.4        | 1.4        | 22.8        | 20.1        | 23,466         |
|                   | Total         | 14.2        | 10.3        | 3.6        | 2.9        | 15.4        | 23.2        | 0.6        | 1.1        | 11.3        | 17.4        | 48,221         |
| Mandera           | Male          | 16.5        | 12.2        | 9.0        | 3.1        | 7.2         | 31.3        | 0.7        | 0.9        | 0.3         | 18.9        | 18,643         |
|                   | Female        | 5.1         | 10.2        | 5.0        | 0.9        | 12.7        | 17.1        | 0.7        | 1.3        | 25.4        | 21.7        | 19,653         |
|                   | Total         | 10.6        | 11.2        | 7.0        | 2.0        | 10.0        | 24.0        | 0.7        | 1.1        | 13.1        | 20.3        | 38,296         |
| Wajir             | Male          | 17.5        | 12.8        | 1.8        | 4.1        | 12.6        | 36.0        | 1.2        | 0.9        | 1.1         | 12.1        | 8,177          |
|                   | Female        | 4.8         | 14.2        | 1.2        | 1.3        | 18.8        | 22.9        | 0.6        | 1.6        | 18.8        | 15.8        | 8,438          |
|                   | Total         | 11.1        | 13.5        | 1.5        | 2.7        | 15.7        | 29.4        | 0.9        | 1.2        | 10.1        | 13.9        | 16,615         |
| <b>NYANZA</b>     | <b>Male</b>   | <b>35.6</b> | <b>14.5</b> | <b>5.6</b> | <b>3.9</b> | <b>4.8</b>  | <b>31.2</b> | <b>0.5</b> | <b>0.3</b> | <b>0.3</b>  | <b>3.4</b>  | <b>174,173</b> |
|                   | <b>Female</b> | <b>15.0</b> | <b>19.1</b> | <b>7.3</b> | <b>2.3</b> | <b>8.6</b>  | <b>32.3</b> | <b>0.3</b> | <b>0.4</b> | <b>10.6</b> | <b>4.2</b>  | <b>175,015</b> |
|                   | <b>Total</b>  | <b>25.3</b> | <b>16.8</b> | <b>6.4</b> | <b>3.1</b> | <b>6.7</b>  | <b>31.7</b> | <b>0.4</b> | <b>0.3</b> | <b>5.5</b>  | <b>3.8</b>  | <b>349,188</b> |
| Gucha             | Male          | 26.3        | 12.8        | 12.7       | 3.6        | 3.4         | 37.6        | 0.3        | 0.3        | 0.1         | 3.0         | 3,887          |
|                   | Female        | 14.1        | 12.9        | 21.0       | 2.6        | 4.5         | 36.6        | 0.3        | 0.6        | 3.9         | 3.6         | 3,803          |
|                   | Total         | 20.3        | 12.8        | 16.8       | 3.1        | 3.9         | 37.1        | 0.3        | 0.5        | 2.0         | 3.3         | 7,690          |
| Homa Bay          | Male          | 28.6        | 13.9        | 7.4        | 3.6        | 4.4         | 36.9        | 0.5        | 0.3        | 0.5         | 3.9         | 12,603         |
|                   | Female        | 11.7        | 21.0        | 8.1        | 2.4        | 7.4         | 34.6        | 0.3        | 0.3        | 9.9         | 4.2         | 13,121         |
|                   | Total         | 20.0        | 17.5        | 7.8        | 3.0        | 6.0         | 35.8        | 0.4        | 0.3        | 5.3         | 4.0         | 25,724         |
| Kisii C.          | Male          | 35.4        | 13.9        | 4.5        | 4.0        | 5.1         | 33.2        | 0.6        | 0.2        | 0.1         | 2.9         | 11,177         |
|                   | Female        | 18.1        | 15.8        | 8.5        | 3.0        | 8.3         | 33.9        | 0.3        | 0.6        | 8.0         | 3.6         | 11,279         |
|                   | Total         | 26.7        | 14.8        | 6.5        | 3.5        | 6.7         | 33.5        | 0.4        | 0.4        | 4.1         | 3.3         | 22,456         |
| Kisumu            | Mae           | 37.5        | 14.5        | 2.6        | 5.1        | 5.6         | 30.5        | 0.6        | 0.3        | 0.3         | 3.1         | 81,376         |
|                   | Female        | 16.6        | 18.3        | 3.3        | 2.8        | 10.3        | 32.2        | 0.3        | 0.4        | 11.7        | 4.0         | 79,478         |
|                   | Total         | 27.2        | 16.4        | 2.9        | 4.0        | 7.9         | 31.3        | 0.4        | 0.3        | 5.9         | 3.5         | 160,854        |
| Kuria             | Male          | 27.8        | 18.5        | 19.0       | 1.9        | 3.1         | 23.3        | 0.4        | 0.3        | 0.2         | 5.3         | 4,626          |
|                   | Female        | 10.6        | 22.1        | 21.8       | 1.2        | 5.8         | 23.0        | 0.3        | 0.6        | 8.3         | 6.4         | 4,691          |
|                   | Total         | 19.2        | 20.3        | 20.4       | 1.6        | 4.5         | 23.2        | 0.3        | 0.5        | 4.3         | 5.8         | 9,317          |
| Migori            | Male          | 35.3        | 15.8        | 4.5        | 2.9        | 4.9         | 32.1        | 0.4        | 0.3        | 0.4         | 3.4         | 21,477         |
|                   | Female        | 13.0        | 21.1        | 5.8        | 2.1        | 8.5         | 33.6        | 0.2        | 0.5        | 11.0        | 4.2         | 22,345         |
|                   | Total         | 23.9        | 18.5        | 5.2        | 2.5        | 6.7         | 32.9        | 0.3        | 0.4        | 5.8         | 3.8         | 43,822         |
| N. Kisii          | Male          | 33.8        | 11.5        | 11.3       | 1.8        | 3.4         | 33.4        | 0.2        | 0.2        | 0.2         | 4.2         | 7,114          |
|                   | Female        | 16.9        | 16.5        | 16.3       | 1.3        | 5.2         | 34.3        | 0.1        | 0.2        | 4.9         | 4.3         | 7,189          |
|                   | Total         | 25.3        | 14.0        | 13.9       | 1.6        | 4.3         | 33.8        | 0.2        | 0.2        | 2.6         | 4.3         | 14,303         |
| Rachuonyo         | Male          | 29.1        | 16.2        | 12.2       | 1.9        | 3.5         | 33.2        | 0.2        | 0.2        | 0.2         | 3.4         | 3,572          |
|                   | Female        | 13.9        | 20.7        | 14.1       | 1.5        | 6.5         | 30.1        | 0.1        | 0.3        | 8.7         | 4.0         | 3,775          |
|                   | Total         | 21.3        | 18.5        | 13.2       | 1.7        | 5.0         | 31.6        | 0.1        | 0.2        | 4.5         | 3.7         | 7,347          |
| Siaya             | Male          | 34.8        | 12.3        | 13.7       | 1.2        | 3.5         | 27.9        | 0.4        | 0.5        | 0.2         | 5.4         | 7,320          |
|                   | Female        | 15.6        | 16.8        | 17.0       | 0.8        | 6.8         | 28.5        | 0.2        | 0.5        | 8.6         | 5.1         | 8,750          |
|                   | Total         | 24.4        | 14.8        | 15.5       | 1.0        | 5.3         | 28.2        | 0.3        | 0.5        | 4.8         | 5.3         | 16,070         |
| Suba              | Male          | 35.1        | 18.4        | 4.1        | 1.7        | 3.0         | 33.7        | 0.2        | 0.1        | 0.4         | 3.5         | 3,018          |
|                   | Female        | 11.5        | 27.0        | 4.2        | 1.5        | 6.1         | 32.7        | 0.3        | 0.2        | 13.0        | 3.5         | 3,215          |
|                   | Total         | 22.9        | 22.8        | 4.2        | 1.6        | 4.6         | 33.2        | 0.2        | 0.2        | 6.9         | 3.5         | 6,233          |
| Bondo             | Male          | 29.6        | 19.4        | 9.2        | 2.3        | 4.7         | 29.8        | 0.5        | 0.2        | 0.4         | 3.9         | 4,481          |
|                   | Female        | 12.2        | 22.8        | 8.9        | 1.0        | 7.7         | 30.6        | 0.3        | 0.4        | 11.5        | 4.5         | 5,071          |
|                   | Total         | 20.4        | 21.2        | 9.0        | 1.6        | 6.3         | 30.3        | 0.4        | 0.3        | 6.3         | 4.2         | 9,552          |
| Nyando            | Male          | 41.9        | 12.5        | 7.3        | 3.5        | 3.2         | 27.6        | 0.2        | 0.1        | 0.3         | 3.5         | 13,522         |
|                   | Female        | 11.0        | 22.1        | 9.6        | 1.6        | 5.9         | 31.4        | 0.1        | 0.3        | 13.5        | 4.5         | 12,298         |
|                   | Total         | 27.2        | 17.1        | 8.4        | 2.6        | 4.5         | 29.4        | 0.1        | 0.2        | 6.6         | 4.0         | 25,820         |
| <b>R. VALLEY</b>  | <b>Male</b>   | <b>40.8</b> | <b>13.9</b> | <b>5.8</b> | <b>3.9</b> | <b>5.4</b>  | <b>23.3</b> | <b>0.5</b> | <b>0.2</b> | <b>0.4</b>  | <b>5.8</b>  | <b>394,893</b> |
|                   | <b>Female</b> | <b>18.6</b> | <b>14.4</b> | <b>7.6</b> | <b>2.4</b> | <b>8.9</b>  | <b>24.8</b> | <b>0.3</b> | <b>0.4</b> | <b>16.0</b> | <b>6.6</b>  | <b>380,206</b> |
|                   | <b>Total</b>  | <b>29.9</b> | <b>14.1</b> | <b>6.7</b> | <b>3.2</b> | <b>7.1</b>  | <b>24.0</b> | <b>0.4</b> | <b>0.3</b> | <b>8.0</b>  | <b>6.2</b>  | <b>775,099</b> |

Table 6.4 Distribution of Urban Population Aged 5+ by Sex, Economic Activity (Continued)

|          |        |      |      |      |     |      |      |     |     |      |      |         |
|----------|--------|------|------|------|-----|------|------|-----|-----|------|------|---------|
| Baringo  | Male   | 43.6 | 8.9  | 9.1  | 2.0 | 5.2  | 25.6 | 0.7 | 0.1 | 0.4  | 4.3  | 6,418   |
|          | Female | 23.3 | 12.1 | 8.8  | 1.8 | 8.3  | 27.4 | 0.6 | 0.3 | 12.3 | 5.0  | 6,387   |
|          | Total  | 33.5 | 10.5 | 9.0  | 1.9 | 6.8  | 26.5 | 0.6 | 0.2 | 6.4  | 4.7  | 12,805  |
| Bomet    | Male   | 49.0 | 20.3 | 4.3  | 1.7 | 6.2  | 15.1 | 0.2 | 0.1 | 0.1  | 2.9  | 2,088   |
|          | Female | 20.3 | 20.2 | 8.5  | 2.3 | 11.1 | 22.0 | 0.2 | 0.2 | 9.3  | 5.8  | 1,701   |
|          | Total  | 36.2 | 20.2 | 6.1  | 2.0 | 8.4  | 18.2 | 0.2 | 0.2 | 4.2  | 4.2  | 3,789   |
| Keiyo    | Male   | 45.9 | 9.4  | 18.1 | 2.3 | 3.3  | 15.0 | 0.2 | 0.1 | 0.2  | 5.4  | 1,665   |
|          | Female | 24.8 | 15.5 | 20.0 | 1.8 | 6.1  | 17.9 | 0.5 | 0.1 | 7.4  | 6.0  | 1734    |
|          | Total  | 35.1 | 12.5 | 19.1 | 2.1 | 4.7  | 16.4 | 0.4 | 0.1 | 3.9  | 5.7  | 3,399   |
| Kajiado  | Male   | 43.2 | 13.4 | 3.3  | 5.5 | 6.1  | 22.9 | 0.6 | 0.3 | 0.3  | 4.5  | 33,358  |
|          | Female | 22.8 | 13.5 | 5.1  | 3.5 | 9.4  | 23.1 | 0.4 | 0.4 | 16.4 | 5.4  | 32,456  |
|          | Total  | 33.1 | 13.4 | 4.2  | 4.5 | 7.7  | 23.0 | 0.5 | 0.3 | 8.3  | 5.0  | 65,814  |
| Kericho  | Male   | 43.9 | 18.2 | 5.6  | 2.3 | 4.3  | 19.8 | 0.4 | 0.1 | 0.3  | 5.1  | 15,373  |
|          | Female | 21.3 | 18.5 | 8.5  | 2.0 | 8.0  | 24.9 | 0.3 | 0.2 | 10.0 | 6.4  | 14,072  |
|          | Total  | 33.1 | 18.3 | 7.0  | 2.1 | 6.1  | 22.2 | 0.3 | 0.2 | 4.9  | 5.7  | 29,445  |
| Koibatek | Male   | 34.0 | 11.3 | 17.8 | 3.0 | 4.7  | 22.9 | 0.7 | 0.5 | 0.1  | 5.1  | 8,995   |
|          | Female | 16.6 | 11.9 | 22.8 | 2.2 | 7.3  | 23.8 | 0.3 | 0.4 | 9.3  | 5.4  | 8,973   |
|          | Total  | 25.3 | 11.6 | 20.3 | 2.6 | 6.0  | 23.3 | 0.5 | 0.4 | 4.7  | 5.3  | 17,968  |
| Laikipia | Male   | 42.5 | 13.1 | 6.0  | 4.0 | 4.3  | 24.7 | 0.5 | 0.2 | 0.3  | 4.4  | 26,088  |
|          | Female | 20.4 | 13.1 | 10.9 | 2.5 | 6.7  | 26.5 | 0.3 | 0.4 | 14.5 | 4.7  | 26,135  |
|          | Total  | 31.4 | 13.1 | 8.4  | 3.3 | 5.5  | 25.6 | 0.4 | 0.3 | 7.4  | 4.6  | 52,223  |
| Nakuru   | Male   | 42.2 | 13.4 | 4.6  | 4.3 | 5.2  | 22.8 | 0.5 | 0.2 | 0.3  | 6.4  | 147,848 |
|          | Female | 18.9 | 14.4 | 7.4  | 2.8 | 8.8  | 24.4 | 0.3 | 0.3 | 15.6 | 7.1  | 142,172 |
|          | Total  | 30.8 | 13.9 | 6.0  | 3.6 | 7.0  | 23.6 | 0.4 | 0.3 | 7.8  | 6.8  | 290,020 |
| Nandi    | Mal    | 37.4 | 15.7 | 8.6  | 2.2 | 4.5  | 27.8 | 0.4 | 0.3 | 0.1  | 3.0  | 9,992   |
|          |        | 20.1 | 15.5 | 10.7 | 1.2 | 7.8  | 29.1 | 0.4 | 0.3 | 11.8 | 3.0  | 9,869   |
|          | Total  | 28.8 | 15.6 | 9.7  | 1.7 | 6.1  | 28.4 | 0.4 | 0.3 | 5.9  | 3.0  | 19,861  |
| Narok    | Male   | 37.1 | 14.9 | 9.9  | 3.0 | 5.0  | 21.0 | 0.5 | 0.5 | 0.5  | 7.5  | 10,093  |
|          | Female | 15.6 | 16.9 | 6.1  | 1.2 | 7.8  | 23.6 | 0.3 | 0.8 | 19.3 | 8.4  | 9,545   |
|          | Total  | 26.6 | 15.9 | 8.1  | 2.1 | 6.4  | 22.2 | 0.4 | 0.6 | 9.6  | 8.0  | 19,638  |
| Samburu  | Male   | 24.2 | 10.6 | 20.2 | 2.5 | 6.4  | 23.5 | 0.8 | 0.4 | 1.7  | 9.6  | 11,014  |
|          | Female | 9.7  | 9.8  | 14.4 | 0.7 | 9.7  | 21.0 | 0.4 | 0.6 | 22.5 | 11.1 | 12,240  |
|          | Total  | 16.6 | 10.2 | 17.2 | 1.6 | 8.2  | 22.2 | 0.6 | 0.5 | 12.6 | 10.4 | 23,254  |
| T. Mara  | Male   | 34.8 | 15.0 | 15.9 | 2.6 | 3.7  | 21.9 | 0.3 | 0.5 | 0.0  | 5.2  | 2,421   |
|          | Female | 18.0 | 17.8 | 17.9 | 1.0 | 6.6  | 24.5 | 0.2 | 0.5 | 6.9  | 6.6  | 2,410   |
|          | Total  | 26.4 | 16.4 | 16.9 | 1.8 | 5.1  | 23.2 | 0.3 | 0.5 | 3.5  | 5.9  | 4,831   |
| T. Nzoia | Male   | 37.7 | 17.0 | 4.9  | 3.5 | 4.7  | 27.1 | 0.4 | 0.2 | 0.2  | 4.3  | 23,615  |
|          | Female | 15.5 | 15.5 | 5.7  | 2.1 | 8.4  | 28.1 | 0.2 | 0.4 | 19.4 | 4.8  | 23,060  |
|          | Total  | 26.7 | 16.3 | 5.3  | 2.8 | 6.5  | 27.6 | 0.3 | 0.3 | 9.7  | 4.5  | 46,675  |
| Turkana  | Male   | 29.8 | 13.6 | 10.6 | 5.7 | 9.7  | 20.4 | 0.2 | 0.3 | 0.7  | 8.9  | 11,340  |
|          | Female | 10.4 | 15.8 | 7.1  | 2.0 | 15.4 | 18.9 | 0.1 | 0.5 | 18.4 | 11.4 | 11,181  |
|          | Total  | 20.2 | 14.7 | 8.9  | 3.9 | 12.6 | 19.6 | 0.2 | 0.4 | 9.5  | 10.2 | 22,521  |
| U. Gishu | Male   | 43.2 | 13.9 | 3.2  | 3.8 | 6.0  | 23.1 | 0.4 | 0.2 | 0.4  | 5.7  | 76,347  |
|          | Female | 19.2 | 14.6 | 4.0  | 2.2 | 9.5  | 25.5 | 0.2 | 0.2 | 17.8 | 6.6  | 70,089  |
|          | Total  | 31.7 | 14.3 | 3.6  | 3.1 | 7.7  | 24.3 | 0.3 | 0.2 | 8.7  | 6.1  | 146,436 |
| W. Pokot | Male   | 30.2 | 12.9 | 10.9 | 2.3 | 5.2  | 31.3 | 0.4 | 0.4 | 0.9  | 5.6  | 5,846   |
|          | Female | 11.7 | 13.6 | 9.6  | 1.3 | 9.8  | 28.5 | 0.2 | 0.7 | 18.0 | 6.4  | 6,129   |
|          | Total  | 20.7 | 13.3 | 10.2 | 1.8 | 7.6  | 29.9 | 0.3 | 0.6 | 9.7  | 6.0  | 11,975  |
| Buret    | Male   | 43.3 | 16.6 | 5.2  | 2.6 | 5.9  | 23.5 | 0.3 | 0.0 | 0.5  | 2.2  | 2,392   |
|          | Female | 22.4 | 19.8 | 10.8 | 2.6 | 7.9  | 28.2 | 0.1 | 0.2 | 5.7  | 2.3  | 2,053   |
|          | Total  | 33.6 | 18.1 | 7.8  | 2.6 | 6.8  | 25.6 | 0.2 | 0.1 | 2.9  | 2.3  | 4,445   |
| WESTERN  | Male   | 32.7 | 14.8 | 13.1 | 2.4 | 4.6  | 26.0 | 0.5 | 0.4 | 0.4  | 5.2  | 107,357 |
|          | Female | 14.2 | 17.0 | 16.7 | 1.5 | 7.4  | 26.9 | 0.2 | 0.5 | 10.2 | 5.4  | 114,237 |
|          | Total  | 23.2 | 15.9 | 15.0 | 1.9 | 6.0  | 26.5 | 0.4 | 0.4 | 5.4  | 5.3  | 221,594 |

Table 6.4 Distribution of Urban Population Aged 5+ by Sex, Economic Activity (Continued)

|           |        |      |      |      |     |     |      |     |     |      |     |        |
|-----------|--------|------|------|------|-----|-----|------|-----|-----|------|-----|--------|
| Bungoma   | Male   | 31.7 | 16.5 | 13.0 | 2.4 | 3.7 | 27.8 | 0.4 | 0.2 | 0.3  | 3.9 | 33,605 |
|           | Female | 14.0 | 18.1 | 15.8 | 1.8 | 6.1 | 29.1 | 0.3 | 0.4 | 10.3 | 4.1 | 36,046 |
|           | Total  | 22.6 | 17.3 | 14.4 | 2.1 | 4.9 | 28.5 | 0.4 | 0.3 | 5.4  | 4.0 | 69,651 |
| Busia     | Male   | 24.6 | 21.3 | 11.5 | 1.7 | 4.5 | 26.6 | 0.4 | 0.4 | 0.4  | 8.6 | 10,894 |
|           | Female | 9.3  | 21.7 | 14.6 | 0.9 | 6.9 | 25.7 | 0.1 | 0.5 | 11.5 | 8.7 | 12,284 |
|           | Total  | 16.5 | 21.5 | 13.2 | 1.3 | 5.8 | 26.1 | 0.3 | 0.5 | 6.3  | 8.7 | 23,178 |
| Mt. Elgon | Male   | 30.5 | 13.6 | 28.2 | 1.7 | 1.8 | 19.6 | 0.3 | 0.4 | 0.1  | 3.7 | 2,045  |
|           | Female | 12.7 | 19.9 | 31.5 | 1.4 | 3.1 | 21.2 | 0.2 | 0.4 | 5.7  | 4.0 | 2,209  |
|           | Total  | 21.3 | 16.9 | 29.9 | 1.5 | 2.5 | 20.5 | 0.2 | 0.4 | 3.0  | 3.8 | 4,254  |
| Kakamega  | Male   | 34.7 | 13.7 | 9.8  | 3.1 | 6.0 | 26.1 | 0.6 | 0.4 | 0.4  | 5.1 | 23,099 |
|           | Female | 18.1 | 15.0 | 12.6 | 1.9 | 9.5 | 27.2 | 0.2 | 0.5 | 9.8  | 5.2 | 24,279 |
|           | Total  | 26.2 | 14.4 | 11.2 | 2.5 | 7.8 | 26.7 | 0.4 | 0.4 | 5.2  | 5.1 | 47,378 |
| Lugari    | Mae    | 26.0 | 15.0 | 27.6 | 0.5 | 4.3 | 19.2 | 0.2 | 0.2 | 1.0  | 5.9 | 3,641  |
|           | Female | 10.3 | 17.5 | 28.7 | 0.5 | 7.0 | 20.3 | 0.1 | 0.6 | 9.8  | 5.1 | 3,832  |
|           | Total  | 17.9 | 16.3 | 28.2 | 0.5 | 5.7 | 19.7 | 0.2 | 0.4 | 5.5  | 5.5 | 7,473  |
| Teso      | Male   | 34.7 | 18.0 | 12.9 | 1.1 | 3.7 | 23.5 | 0.2 | 0.3 | 0.3  | 5.3 | 7,753  |
|           | Female | 15.9 | 20.2 | 16.0 | 0.6 | 6.4 | 24.1 | 0.2 | 0.4 | 9.7  | 6.4 | 8,271  |
|           | Total  | 25.0 | 19.1 | 14.5 | 0.8 | 5.1 | 23.8 | 0.2 | 0.4 | 5.1  | 5.9 | 16,024 |
| Vihiga    | Male   | 23.7 | 10.9 | 17.5 | 3.2 | 6.1 | 30.7 | 1.3 | 0.7 | 0.5  | 5.3 | 10,659 |
|           | Female | 11.5 | 13.7 | 21.8 | 2.1 | 8.3 | 28.9 | 0.4 | 1.0 | 7.8  | 4.7 | 12,294 |
|           | Total  | 17.2 | 12.4 | 19.8 | 2.6 | 7.3 | 29.7 | 0.8 | 0.9 | 4.4  | 5.0 | 22,953 |
| B. Mumias | Male   | 44.1 | 9.5  | 11.3 | 2.2 | 4.1 | 22.2 | 0.3 | 0.3 | 0.3  | 5.8 | 15,661 |
|           | Female | 15.1 | 14.1 | 18.2 | 1.1 | 8.1 | 24.1 | 0.1 | 0.5 | 12.3 | 6.3 | 15,022 |
|           | Total  | 29.9 | 11.7 | 14.7 | 1.7 | 6.1 | 23.1 | 0.2 | 0.4 | 6.2  | 6.0 | 30,683 |

## CHAPTER SEVEN

### SUMMARY OF KEY FINDINGS AND RECOMMENDATIONS

#### 7.0 Introduction

This chapter contains a summary of the main findings based on the analysis of the 1999 census data on levels, trends, patterns and differentials in migration and urbanisation and a number of recommendations.

#### 7.1 Summary of Key Findings

##### *Recent Migration*

In-migration to urban areas was markedly higher than that to rural areas, implying both rural-urban and inter-urban migration. This explains why in-migration to Nairobi and Mombasa accounted for 17 percent and 16 percent, respectively, of their total populations. A number of districts had between 8 and 10 percent of their populations comprising recent in-migrants. Notable among these districts, with their respective provinces (in brackets), included Thika (Central), Rachuonyo, Bondo, Suba and Nyando (Nyanza), Kajiado, Laikipia, Nakuru, Narok and Uasin Gishu (Rift Valley). The level of out-migration was the same in both urban and rural areas. Between 1998 and 1999, Eastern, Western and Nyanza provinces produced the highest proportions of out-migrants - only Nairobi exceeded the three presumably as urban residents returned to their rural home areas. Murang'a and Kisumu were the only districts with more than 10 percent of out-migrants. A total of 25 (out of 69) districts had a negative net migration with the majority being in Eastern and Western provinces.

##### *Lifetime Migration*

Nairobi, Coast and Rift Valley provinces continued to be the major destinations of lifetime migrants. Out of the 69 districts, 23 (33%) had at least 20 percent of their enumerated populations as lifetime in-migrants. Analysis by sex shows that male dominance in lifetime migration is no more. In 1999, there were more female lifetime in-migrants than recorded in previous censuses. The trend and pattern of lifetime migration for the intercensal periods 1979-89 and 1989-99 remained consistent, suggesting that the reasons for in-migration had not changed substantially.

Nyanza and Western were the leading provinces in the proportion of out-migrants. At district level, the most significant sources of lifetime migrants included Kiambu, Murang'a and Nyeri (Central), Homa Bay, Kisumu, Rachuonyo and Siaya (Nyanza), Kakamega and Vihiga (Western). As was with the case of lifetime in-migrants, there were more female than male lifetime out-migrants in 1999. That most of lifetime migrants during the 1999 census were recorded in urban areas underlines the importance of rural-urban migration, and to some extent inter-urban migration.

##### *Lifetime Net Migration*

Sixty four percent (44 out of 69) of the districts reported negative net migration, implying that they experienced more out-migration than in-migration. The five districts that lost at least 100,000 net migrants included Murang'a and Nyeri (Central), Machakos (Eastern), Siaya (Nyanza), Kakamega and Vihiga (Western). However, eight districts gained at least 100,000 net migrants including Nairobi, Thika (Central), Mombasa (Coast), Kajiado, Laikipia, Nakuru, Trans Nzoia and Uasin Gishu (Rift Valley). While four of the provinces (Central, Eastern, Nyanza and Western) consistently recorded net losses, three others (Nairobi, Coast and Rift Valley) experienced net gains in lifetime migrants in 1979, 1989 and 1999.

### ***International Migration***

Analysis of the 1999 census data indicates that the size of the foreign population in Kenya was just under two percent of the total population. The composition of the foreign population was dominated by those from other regions (immigrants from different unspecified nationalities), followed by Africans, Asians, Europeans and Americans. There was relative parity of male and female immigrants - implying immigration of married couples, for instance.

### ***Urbanisation***

The proportion of the Kenyan urban population still remains small, notwithstanding the fact that it has been increasing from 8 percent in 1970 to 19 percent in 1999. On the other hand, inter-censal growth rates of urbanisation have been declining with time: from 7.7 percent for the period 1969-79 to 5.2 percent during 1989-99, and then 3.4 percent in the period 1989-99. While Coast province had the largest share (37%) of urban population, followed by North Eastern (18%), those with the least share were Western (8%) and Eastern (6%). Similarly, the level of urbanisation was also low within the districts - with only 13 districts having 20 percent or more of population as urban. These included Kisumu (39.0%), Isiolo (29.8%), Nakuru (29.7%), Uasin Gishu (29.0%), Thika (26.0%), Moyale (25.9%), Garissa (23.7%), Lamu (23.2%), Samburu (20.8%), Mandera (20.8%), Malindi (20.2%) and Kajiado (20.2%).

When urban centres were classified by population size, those with a population of 2,000-4,999 were the majority, with a share of 41.4 percent, followed by centres with a population of 10,000-19,999, having a share of 19.0 percent. Those with a population of 5,000-9,999 and 20,000-99,999 tied, having a share of 18.4 percent. The lowest share was that of centres with a population of 100,000+, having a share of only 2.8 percent of the total urban centres. The urban population by age shows a domination of the Kenyan urban centres by those in the age bracket 15-64 years - indicating that the majority of the economically active population had migrated into urban centres possibly in search of socio-economic opportunities. Male dominance in rural-urban migration streams resulted in a sex ratio higher than 100 for most urban centres. This trend has persisted but with declining proportions of males over the years. For example, while only 13 percent of urban centres had a sex ratio of less than 100 in 1979, this increased to 19 percent in 1989 and reached 60 percent in 1999. This shows that the trend of females moving to urban areas has been on the increase with time.

## **7.2 Recommendations**

The following recommendations arise from the findings documented in the preceding chapters.

1. Although data on district of birth, when cross-classified with data on district of enumeration, yielded useful insights into migration levels, they are deficient in providing the frequency, causes and consequences of migration. To avoid loading census questionnaires with more questions on migration, it is recommended that special detailed migration surveys be carried to address the three issues.
2. There is sufficient evidence from census data that female migration, rural-urban migration in particular, has increased in Kenya over the last few decades. There is need to unravel the underlying causes of increasing female migration and for policy to address the resultant implications.

3. Net international migration in Kenya remains unknown since data on emigration from Kenya, that would be used together with immigration data from censuses, are lacking. In this regard, it is recommended that data be collected on emigration.
4. Although the percentage share of the major urban centres has been declining, they still command a sizeable proportion of the total urban population. For example, in 1999, Nairobi and the four largest urban centres accounted for 38 percent and 58 percent of the total urban population respectively. In view of this, it is recommended that the policy on enhancing the growth of small- and medium-sized urban centres be pursued vigorously in order to re-direct the potential urban population to these centres.

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Republic of Kenya

Population and Housing Census - 24/25 August 1999

Structure No.: S

Province  District  Division  Location  Sub-Location  E. A Number  Household No  Household Type

Household Totals: Males  Females  Total:

A: Information Regarding All Persons

Serial Number of Form: 3342941

| Name<br>(P-00)                                                                                                                                                                          | Serial<br>No. | Relationship<br>(P_10)                                                                                                                                                                                       | Sex<br>(P-11)                                                        | Age<br>(P-12)                                                                                      | Tribe<br>Nationality<br>(P-13)                                                                                                                                                                 | Religion<br>(P-14)                                                                                                                                              | Marital<br>Status<br>(P-15)                                                                                                              | Birth Place<br>(P-16)                                                                                                                                                                                                   | Previous<br>Residence<br>(P-17)                                                                                                                                                                                                                                                         | Duration of Residence<br>(P-18) (P-19)                                                                                                                      | Orphanhood<br>(P-20) (P-21)                                                                               |                                                                                                           |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--|
| What are the names of all persons who spent the night of 24/25 August 1999 in this household? (Record two names of all persons, young and old, starting with the head of the household) |               | What is.....'s relationship to the head of the household?<br>1- Head<br>2- Spouse<br>3-Son<br>4- Daughter<br>5- Brother / Sister<br>6- Father / Mother<br>7- Other relative<br>8- Non relative<br>9- NS / DK | What is Sex?<br><br>Mark X in the appropriate box<br><br>Male Female | How old is .....?<br>(Record age in completed year using two digits. If under one year write '00') | What is .....?tribe<br>Nationality?<br>(Write tribe code for Kenyan Africans and country of origin code for other Kenyans & non-Kenyans. The code list is shown inside front and back covers). | What is 's religion?<br>1-Catholic<br>2- Protestant<br>3- Other Christian<br>4- Muslim<br>5- Traditionalist<br>6-Other Religion<br>7- No Religion<br>8- NS / DK | What is Marital status?<br>1- Never Married<br>2- Monogamous<br>3- Polygamous<br>4- Widowed<br>5- Divorced<br>6- Separated<br>7- NS / DK | s Where was Born?<br>(Indicate district code if in Kenya or country code if outside Kenya. The code list is shown inside the front and back covers)<br><br>Mark X in the box if the same district as household district | What was living? When did move to this district?<br>(Indicate district code if in Kenya or country code if outside Kenya. The code list is shown inside the front and back covers.<br><br>If aged under 1year write 000<br>Mark X in the box if the same district as household district | When did move to this district?<br>(Code -'00' in P-18 & P-19 if enumerated in district of birth. Write '99' in P-18 & P-19 if not known)<br><br>Month Year | Is 's father alive?<br>Y-Yes<br>N-No<br>DK- Don't know<br><br>Mark X in the appropriate box<br><br>Y N DK | Is 's mother alive<br>Y-Yes<br>N- No<br>DK- Don't know<br><br>Mark X in the appropriate box<br><br>Y N DK |  |
|                                                                                                                                                                                         | 1             |                                                                                                                                                                                                              |                                                                      |                                                                                                    |                                                                                                                                                                                                |                                                                                                                                                                 |                                                                                                                                          |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                         |                                                                                                                                                             |                                                                                                           |                                                                                                           |  |
|                                                                                                                                                                                         | 2             |                                                                                                                                                                                                              |                                                                      |                                                                                                    |                                                                                                                                                                                                |                                                                                                                                                                 |                                                                                                                                          |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                         |                                                                                                                                                             |                                                                                                           |                                                                                                           |  |
|                                                                                                                                                                                         | 3             |                                                                                                                                                                                                              |                                                                      |                                                                                                    |                                                                                                                                                                                                |                                                                                                                                                                 |                                                                                                                                          |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                         |                                                                                                                                                             |                                                                                                           |                                                                                                           |  |
|                                                                                                                                                                                         | 4             |                                                                                                                                                                                                              |                                                                      |                                                                                                    |                                                                                                                                                                                                |                                                                                                                                                                 |                                                                                                                                          |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                         |                                                                                                                                                             |                                                                                                           |                                                                                                           |  |
|                                                                                                                                                                                         | 5             |                                                                                                                                                                                                              |                                                                      |                                                                                                    |                                                                                                                                                                                                |                                                                                                                                                                 |                                                                                                                                          |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                         |                                                                                                                                                             |                                                                                                           |                                                                                                           |  |
|                                                                                                                                                                                         | 6             |                                                                                                                                                                                                              |                                                                      |                                                                                                    |                                                                                                                                                                                                |                                                                                                                                                                 |                                                                                                                                          |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                         |                                                                                                                                                             |                                                                                                           |                                                                                                           |  |
|                                                                                                                                                                                         | 7             |                                                                                                                                                                                                              |                                                                      |                                                                                                    |                                                                                                                                                                                                |                                                                                                                                                                 |                                                                                                                                          |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                         |                                                                                                                                                             |                                                                                                           |                                                                                                           |  |
|                                                                                                                                                                                         | 8             |                                                                                                                                                                                                              |                                                                      |                                                                                                    |                                                                                                                                                                                                |                                                                                                                                                                 |                                                                                                                                          |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                         |                                                                                                                                                             |                                                                                                           |                                                                                                           |  |
|                                                                                                                                                                                         | 9             |                                                                                                                                                                                                              |                                                                      |                                                                                                    |                                                                                                                                                                                                |                                                                                                                                                                 |                                                                                                                                          |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                         |                                                                                                                                                             |                                                                                                           |                                                                                                           |  |
|                                                                                                                                                                                         | 0             |                                                                                                                                                                                                              |                                                                      |                                                                                                    |                                                                                                                                                                                                |                                                                                                                                                                 |                                                                                                                                          |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                         |                                                                                                                                                             |                                                                                                           |                                                                                                           |  |

C: Information Regarding Females aged 12 years and above

[illegible][illegible]

Structure No. of continuation form

|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|

Appendix 2 Province of Birth and Province of Enumeration Matrix, 1999

| Birthplace    | Total      | Nairobi   | Central   | Coast     | Eastern   | N. Eastern | Nyanza    | R. Valley | Western   |
|---------------|------------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|
| Total         | 28,159,922 | 2,083,509 | 3,683,003 | 2,442,056 | 4,591,175 | 828,577    | 4,344,770 | 6,845,642 | 3,341,190 |
| Nairobi       | 817,799    | 638,700   | 47,473    | 17,267    | 15,598    | 699        | 38,364    | 43,723    | 15,975    |
| Central       | 4,046,206  | 351,490   | 3,279,982 | 42,101    | 50,827    | 1,251      | 9,596     | 299,235   | 11,724    |
| Coast         | 2,167,571  | 39,988    | 9,373     | 2,065,964 | 12,146    | 1,358      | 16,777    | 14,049    | 7,915     |
| Eastern       | 5,037,858  | 326,051   | 101,980   | 114,495   | 4,405,330 | 4,239      | 6,496     | 74,287    | 4,980     |
| North Eastern | 872,297    | 21,257    | 1,966     | 20,571    | 10,956    | 807,660    | 1,580     | 7,278     | 1,029     |
| Nyanza        | 4,733,260  | 258,752   | 37,323    | 65,854    | 10,693    | 1,100      | 4,069,233 | 238,805   | 51,500    |
| Rift Valley   | 6,105,282  | 103,623   | 117,974   | 21,252    | 21,312    | 1,072      | 36,759    | 5,744,052 | 59,238    |
| Western       | 3,889,998  | 249,060   | 47,239    | 49,631    | 8,492     | 767        | 80,812    | 298,136   | 3,155,861 |
| Elsewhere     | 489,651    | 94,588    | 39,693    | 44,921    | 55,821    | 10,431     | 85,153    | 126,077   | 32,967    |

Appendix 3 Percent Distribution of Lifetime Migrants by Sex, Education level and District, 1999

| District       | Never | Pre-Primary | Std 1-4 | Std 5-8 | Form 1-4 | Form 5-6 | University | NS   | Total |
|----------------|-------|-------------|---------|---------|----------|----------|------------|------|-------|
| <b>NAIROBI</b> |       |             |         |         |          |          |            |      |       |
| Male           | 4.04  | 2.34        | 9.27    | 30.9    | 41.89    | 3.50     | 6.12       | 1.96 | 100   |
| Female         | 6.90  | 2.94        | 11.76   | 34.4    | 35.92    | 2.11     | 3.76       | 2.23 | 100   |
| Total          | 5.32  | 2.61        | 10.38   | 32.4    | 39.22    | 2.88     | 5.06       | 2.08 | 100   |
| <b>CENTRAL</b> |       |             |         |         |          |          |            |      |       |
| Male           | 6.15  | 4.50        | 17.63   | 35.8    | 28.69    | 2.17     | 3.22       | 1.88 | 100   |
| Female         | 12.37 | 3.93        | 16.50   | 37.0    | 25.97    | 1.02     | 1.56       | 1.61 | 100   |
| Total          | 9.42  | 4.20        | 17.03   | 36.4    | 27.26    | 1.56     | 2.35       | 1.74 | 100   |
| Kiambu         |       |             |         |         |          |          |            |      |       |
| Male           | 5.70  | 4.54        | 15.01   | 36.1    | 30.21    | 2.39     | 4.35       | 1.74 | 100   |
| Female         | 9.39  | 4.26        | 14.23   | 37.5    | 29.34    | 1.26     | 2.42       | 1.64 | 100   |
| Total          | 7.59  | 4.4         | 14.61   | 36.8    | 29.76    | 1.81     | 3.36       | 1.69 | 100   |
| Kirinyaga      |       |             |         |         |          |          |            |      |       |
| Male           | 5.95  | 4.22        | 18.95   | 35.6    | 27.85    | 2.42     | 2.74       | 2.29 | 100   |
| Female         | 11.85 | 3.59        | 16.50   | 35.0    | 28.66    | 1.13     | 1.38       | 1.94 | 100   |
| Total          | 9.09  | 3.89        | 17.65   | 35.2    | 28.28    | 1.73     | 2.02       | 2.11 | 100   |
| Muran'ga       |       |             |         |         |          |          |            |      |       |
| Male           | 3.49  | 6.35        | 19.38   | 34.1    | 28.02    | 2.92     | 3.91       | 1.83 | 100   |
| Female         | 8.34  | 3.52        | 16.21   | 39.5    | 28.43    | 1.08     | 1.50       | 1.44 | 100   |
| Total          | 6.54  | 4.57        | 17.39   | 37.5    | 28.28    | 1.77     | 2.40       | 1.59 | 100   |
| Nyandarua      |       |             |         |         |          |          |            |      |       |
| Male           | 9.55  | 4.86        | 22.63   | 38.2    | 20.14    | 1.63     | 1.37       | 1.63 | 100   |
| Female         | 21.25 | 3.88        | 19.36   | 36.8    | 16.41    | 0.44     | 0.54       | 1.33 | 100   |
| Total          | 15.87 | 4.33        | 20.86   | 37.4    | 18.13    | 0.99     | 0.92       | 1.47 | 100   |
| Nyeri          |       |             |         |         |          |          |            |      |       |
| Male           | 6.32  | 4.83        | 18.56   | 36.8    | 26.69    | 2.23     | 2.81       | 1.76 | 100   |
| Female         | 9.53  | 4.03        | 15.84   | 38.2    | 28.37    | 1.10     | 1.53       | 1.39 | 100   |
| Total          | 8.06  | 4.40        | 17.08   | 37.6    | 27.60    | 1.62     | 2.11       | 1.56 | 100   |
| Thika          |       |             |         |         |          |          |            |      |       |
| Male           | 4.64  | 3.94        | 15.08   | 34.1    | 34.21    | 2.28     | 3.81       | 1.91 | 100   |
| Female         | 9.89  | 3.87        | 15.86   | 36.2    | 29.31    | 1.25     | 1.82       | 1.84 | 100   |
| Total          | 7.23  | 3.90        | 15.47   | 35.1    | 31.79    | 1.77     | 2.82       | 1.87 | 100   |
| Maragua        |       |             |         |         |          |          |            |      |       |
| Male           | 5.33  | 5.35        | 22.22   | 34.2    | 25.22    | 1.76     | 2.63       | 3.29 | 100   |
| Female         | 10.63 | 3.68        | 18.76   | 39.2    | 24.15    | 0.85     | 1.17       | 1.59 | 100   |
| Total          | 8.5   | 4.35        | 20.15   | 37.2    | 24.58    | 1.22     | 1.76       | 2.27 | 100   |
| <b>COAST</b>   |       |             |         |         |          |          |            |      |       |
| Male           | 11.90 | 3.20        | 12.94   | 33.1    | 32.43    | 2.29     | 2.24       | 1.89 | 100   |
| Female         | 22.38 | 3.82        | 14.00   | 32.2    | 23.71    | 1.00     | 1.13       | 1.81 | 100   |
| Total          | 16.58 | 3.48        | 13.41   | 32.7    | 28.53    | 1.71     | 1.74       | 1.86 | 100   |
| Kilifi         |       |             |         |         |          |          |            |      |       |
| Male           | 11.47 | 5.09        | 14.50   | 30.8    | 31.22    | 2.33     | 3.07       | 1.53 | 100   |
| Female         | 22.62 | 5.07        | 14.55   | 30.0    | 23.61    | 1.02     | 1.47       | 1.68 | 100   |
| Total          | 16.96 | 5.08        | 14.53   | 30.4    | 27.47    | 1.69     | 2.28       | 1.60 | 100   |

Appendix 3 Percent Distribution of Lifetime Migrants by Sex, Education level (Continued)

| District     | Never | Pre-Primary | Std 1-4 | Std 5-8 | Form 1-4 | Form 5-6 | University I | NS   | Total |
|--------------|-------|-------------|---------|---------|----------|----------|--------------|------|-------|
| Kwale        |       |             |         |         |          |          |              |      |       |
| Male         | 14.55 | 3.75        | 15.69   | 29.5    | 30.43    | 2.10     | 1.60         | 2.42 | 100   |
| Female       | 26.44 | 3.82        | 15.84   | 28.8    | 20.97    | 0.99     | 0.74         | 2.39 | 100   |
| Total        | 20.25 | 3.78        | 15.76   | 29.1    | 25.90    | 1.57     | 1.19         | 2.41 | 100   |
| Lamu         |       |             |         |         |          |          |              |      |       |
| Male         | 12.56 | 3.25        | 17.67   | 37.7    | 24.35    | 1.84     | 1.06         | 1.58 | 100   |
| Female       | 25.63 | 4.44        | 19.46   | 36.8    | 11.59    | 0.25     | 0.38         | 1.45 | 100   |
| Total        | 18.45 | 3.79        | 18.48   | 37.3    | 18.60    | 1.12     | 0.75         | 1.53 | 100   |
| Mombasa      |       |             |         |         |          |          |              |      |       |
| Male         | 8.23  | 2.63        | 11.31   | 34.6    | 36.19    | 2.52     | 2.44         | 2.03 | 100   |
| Female       | 16.83 | 3.36        | 13.00   | 34.7    | 27.72    | 1.17     | 1.34         | 1.84 | 100   |
| Total        | 11.94 | 2.95        | 12.04   | 34.7    | 32.54    | 1.94     | 1.97         | 1.95 | 100   |
| Taita Taveta |       |             |         |         |          |          |              |      |       |
| Male         | 13.63 | 4.95        | 19.58   | 34.2    | 23.22    | 1.52     | 1.57         | 1.29 | 100   |
| Female       | 23.94 | 5.51        | 18.47   | 32.6    | 17.10    | 0.47     | 0.49         | 1.36 | 100   |
| Total        | 18.35 | 5.21        | 19.08   | 33.5    | 20.42    | 1.04     | 1.08         | 1.32 | 100   |
| Tana River   |       |             |         |         |          |          |              |      |       |
| Male         | 56.01 | 2.69        | 9.58    | 15.4    | 13.55    | 0.83     | 0.99         | 0.92 | 100   |
| Female       | 68.61 | 2.79        | 8.33    | 12.8    | 5.93     | 0.07     | 0.12         | 1.4  | 100   |
| Total        | 61.85 | 2.74        | 9.00    | 14.2    | 10.01    | 0.48     | 0.58         | 1.14 | 100   |
| Malindi      |       |             |         |         |          |          |              |      |       |
| Male         | 17.05 | 4.25        | 15.7    | 31.8    | 25.18    | 2.07     | 2.23         | 1.71 | 100   |
| Female       | 32.94 | 4.61        | 15.01   | 26.1    | 17.41    | 1.07     | 1.00         | 1.82 | 100   |
| Total        | 24.59 | 4.42        | 15.38   | 29.1    | 21.49    | 1.59     | 1.64         | 1.76 | 100   |
| EASTERN      |       |             |         |         |          |          |              |      |       |
| Male         | 12.95 | 5.24        | 19.64   | 31.3    | 24.63    | 1.80     | 2.48         | 1.91 | 100   |
| Female       | 19.71 | 4.55        | 17.27   | 32.6    | 22.00    | 0.87     | 1.24         | 1.79 | 100   |
| Total        | 16.45 | 4.88        | 18.42   | 32.0    | 23.27    | 1.32     | 1.84         | 1.85 | 100   |
| Embu         |       |             |         |         |          |          |              |      |       |
| Male         | 5.12  | 3.78        | 16.40   | 33.4    | 32.15    | 3.08     | 4.16         | 1.89 | 100   |
| Female       | 7.45  | 3.34        | 13.69   | 34.8    | 35.12    | 1.66     | 2.14         | 1.80 | 100   |
| Total        | 6.39  | 3.54        | 14.92   | 34.2    | 33.78    | 2.30     | 3.06         | 1.84 | 100   |
| Isiolo       |       |             |         |         |          |          |              |      |       |
| Male         | 30.87 | 3.40        | 10.71   | 21.1    | 27.51    | 1.89     | 1.60         | 2.91 | 100   |
| Female       | 40.37 | 3.02        | 11.25   | 20.8    | 20.02    | 0.57     | 0.38         | 3.54 | 100   |
| Total        | 35.39 | 3.22        | 10.97   | 21.0    | 23.94    | 1.26     | 1.02         | 3.21 | 100   |
| Kitui        |       |             |         |         |          |          |              |      |       |
| Male         | 14.09 | 7.51        | 24.54   | 30.9    | 18.47    | 1.37     | 2.00         | 1.18 | 100   |
| Female       | 21.11 | 5.44        | 19.35   | 34.1    | 17.63    | 0.55     | 0.79         | 1.01 | 100   |
| Total        | 17.95 | 6.37        | 21.68   | 32.7    | 18.01    | 0.92     | 1.34         | 1.09 | 100   |
| Makueni      |       |             |         |         |          |          |              |      |       |
| Male         | 11.07 | 5.77        | 23.95   | 34.0    | 21.33    | 1.15     | 1.54         | 1.25 | 100   |
| Female       | 21.46 | 4.59        | 19.84   | 34.4    | 17.46    | 0.47     | 0.64         | 1.18 | 100   |
| Total        | 16.77 | 5.12        | 21.70   | 34.2    | 19.21    | 0.77     | 1.05         | 1.21 | 100   |
| Machakos     |       |             |         |         |          |          |              |      |       |
| Male         | 5.64  | 5.77        | 18.81   | 33.4    | 28.67    | 2.14     | 3.28         | 2.26 | 100   |
| Female       | 10.59 | 5.03        | 17.47   | 36.3    | 25.26    | 1.27     | 2.05         | 2.05 | 100   |
| Total        | 8.14  | 5.40        | 18.13   | 34.9    | 26.94    | 1.70     | 2.66         | 2.16 | 100   |
| Marsabit     |       |             |         |         |          |          |              |      |       |
| Male         | 55.32 | 2.68        | 8.12    | 12.6    | 16.93    | 1.22     | 1.79         | 1.34 | 100   |
| Female       | 71.65 | 3.10        | 7.34    | 9.14    | 6.87     | 0.11     | 0.42         | 1.38 | 100   |
| Total        | 62.67 | 2.87        | 7.77    | 11.0    | 12.40    | 0.72     | 1.17         | 1.36 | 100   |

Appendix 3 Percent Distribution of Lifetime Migrants by Sex, Education level (Continued)

| District      | Never | Pre-Primary | Std 1-4 | Std 5-8 | Form 1-4 | Form 5-6 | University | NS   | Total |
|---------------|-------|-------------|---------|---------|----------|----------|------------|------|-------|
| Mbeere        |       |             |         |         |          |          |            |      |       |
| Male          | 12.00 | 5.85        | 26.28   | 33.5    | 17.35    | 1.19     | 1.60       | 2.25 | 100   |
| Female        | 23.37 | 4.89        | 20.63   | 32.5    | 15.11    | 0.44     | 0.74       | 2.37 | 100   |
| Total         | 18.07 | 5.34        | 23.26   | 32.9    | 16.15    | 0.79     | 1.14       | 2.31 | 100   |
| Meru Central  |       |             |         |         |          |          |            |      |       |
| Male          | 9.60  | 4.12        | 19.21   | 35.3    | 25.65    | 1.80     | 2.59       | 1.73 | 100   |
| Female        | 14.54 | 4.03        | 17.10   | 34.0    | 26.44    | 1.00     | 1.32       | 1.56 | 100   |
| Total         | 11.98 | 4.08        | 18.20   | 34.7    | 26.03    | 1.41     | 1.98       | 1.65 | 100   |
| Moyale        |       |             |         |         |          |          |            |      |       |
| Male          | 59.89 | 2.95        | 10.72   | 9.92    | 12.35    | 0.52     | 1.15       | 2.50 | 100   |
| Female        | 74.49 | 2.94        | 7.95    | 8.00    | 4.09     | 0.10     | 0.15       | 2.28 | 100   |
| Total         | 67.10 | 2.94        | 9.35    | 8.97    | 8.26     | 0.32     | 0.66       | 2.39 | 100   |
| Mwingi        |       |             |         |         |          |          |            |      |       |
| Male          | 12.00 | 8.11        | 22.70   | 27.0    | 22.98    | 2.11     | 2.91       | 2.22 | 100   |
| Female        | 17.27 | 5.92        | 18.90   | 35.4    | 18.95    | 0.55     | 1.07       | 1.90 | 100   |
| Total         | 15.06 | 6.83        | 20.50   | 31.9    | 20.64    | 1.20     | 1.84       | 2.04 | 100   |
| Meru North    |       |             |         |         |          |          |            |      |       |
| Male          | 12.25 | 5.38        | 18.32   | 34.1    | 24.14    | 1.78     | 1.85       | 2.16 | 100   |
| Female        | 20.32 | 6.44        | 18.81   | 29.3    | 21.35    | 0.99     | 0.82       | 2.00 | 100   |
| Total         | 15.90 | 5.86        | 18.54   | 31.9    | 22.88    | 1.43     | 1.39       | 2.09 | 100   |
| Tharaka       |       |             |         |         |          |          |            |      |       |
| Male          | 16.99 | 6.01        | 26.73   | 25.2    | 19.48    | 2.16     | 2.06       | 1.41 | 100   |
| Female        | 35.11 | 4.26        | 20.22   | 25.1    | 13.34    | 0.51     | 0.51       | 0.94 | 100   |
| Total         | 26.71 | 5.07        | 23.24   | 25.1    | 16.19    | 1.28     | 1.23       | 1.15 | 100   |
| Nithi         |       |             |         |         |          |          |            |      |       |
| Male          | 7.52  | 5.16        | 19.70   | 27.5    | 32.31    | 2.64     | 3.89       | 1.30 | 100   |
| Female        | 11.23 | 3.50        | 16.22   | 35.0    | 29.91    | 1.13     | 1.74       | 1.32 | 100   |
| Total         | 9.73  | 4.17        | 17.63   | 31.9    | 30.88    | 1.74     | 2.61       | 1.31 | 100   |
| NORTH EASTERN |       |             |         |         |          |          |            |      |       |
| Male          | 44.65 | 2.29        | 9.24    | 13.9    | 24.20    | 1.72     | 2.01       | 1.96 | 100   |
| Female        | 66.13 | 2.04        | 7.82    | 11.2    | 9.97     | 0.26     | 0.44       | 2.15 | 100   |
| Total         | 53.98 | 2.18        | 8.62    | 12.7    | 18.02    | 1.09     | 1.33       | 2.04 | 100   |
| Garissa       |       |             |         |         |          |          |            |      |       |
| Male          | 31.91 | 2.52        | 9.93    | 18.3    | 30.17    | 2.33     | 2.61       | 2.24 | 100   |
| Female        | 54.27 | 2.28        | 9.11    | 15.6    | 14.97    | 0.44     | 0.61       | 2.76 | 100   |
| Total         | 41.56 | 2.42        | 9.58    | 17.1    | 23.62    | 1.52     | 1.75       | 2.46 | 100   |
| Mandera       |       |             |         |         |          |          |            |      |       |
| Male          | 63.61 | 1.63        | 8.79    | 8.43    | 14.24    | 0.87     | 1.16       | 1.28 | 100   |
| Female        | 84.26 | 1.46        | 5.50    | 4.82    | 2.08     | 0.03     | 0.25       | 0.88 | 100   |
| Total         | 72.65 | 1.56        | 7.35    | 6.85    | 9.23     | 0.50     | 0.76       | 1.10 | 100   |
| Wajir         |       |             |         |         |          |          |            |      |       |
| Male          | 49.98 | 2.08        | 7.83    | 10.30   | 23.80    | 1.34     | 1.65       | 2.34 | 100   |
| Female        | 69.09 | 2.38        | 8.17    | 9.51    | 7.78     | 0.15     | 0.25       | 2.67 | 100   |
| Total         | 58.33 | 2.62        | 7.98    | 9.93    | 16.80    | 0.82     | 1.04       | 2.49 | 100   |
| NYANZA        |       |             |         |         |          |          |            |      |       |
| Male          | 4.75  | 7.44        | 21.12   | 34.0    | 24.90    | 2.04     | 2.63       | 3.13 | 100   |
| Female        | 16.40 | 4.41        | 19.83   | 39.6    | 16.52    | 0.48     | 0.65       | 2.12 | 100   |
| Total         | 12.40 | 5.45        | 20.27   | 37.7    | 19.40    | 1.02     | 1.33       | 2.46 | 100   |
| Gucha         |       |             |         |         |          |          |            |      |       |
| Male          | 3.45  | 8.92        | 22.43   | 27.0    | 27.45    | 1.74     | 4.35       | 4.68 | 100   |
| Female        | 14.52 | 3.42        | 18.54   | 34.0    | 25.83    | 0.53     | 0.75       | 2.37 | 100   |
| Total         | 11.64 | 4.85        | 19.55   | 32.2    | 26.25    | 0.84     | 1.69       | 2.97 | 100   |

Appendix 3 Percent Distribution of Lifetime Migrants by Sex, Economic Activity (Continued)

| District      | Never | Pre-Primary | Std 1-4 | Std 5-8 | Form 1-4 | Form 5-6 | University | NS   | Total |
|---------------|-------|-------------|---------|---------|----------|----------|------------|------|-------|
| Homa Bay      |       |             |         |         |          |          |            |      |       |
| Male          | 4.29  | 8.03        | 23.78   | 33.4    | 22.98    | 1.89     | 2.33       | 3.26 | 100   |
| Female        | 20.01 | 3.32        | 20.47   | 42.2    | 11.60    | 0.37     | 0.36       | 1.63 | 100   |
| Total         | 16.20 | 4.46        | 21.27   | 40.1    | 14.35    | 0.74     | 0.84       | 2.03 | 100   |
| Kisii Central |       |             |         |         |          |          |            |      |       |
| Male          | 3.03  | 6.39        | 18.18   | 28.4    | 33.12    | 2.92     | 4.25       | 3.75 | 100   |
| Female        | 13.49 | 3.27        | 17.04   | 34.5    | 28.05    | 0.78     | 0.99       | 1.85 | 100   |
| T total       | 10.10 | 4.28        | 17.41   | 32.5    | 29.69    | 1.47     | 2.05       | 2.47 | 100   |
| Kisumu        |       |             |         |         |          |          |            |      |       |
| Male          | 3.29  | 5.43        | 15.61   | 34.6    | 32.76    | 2.93     | 3.69       | 1.71 | 100   |
| Female        | 10.92 | 4.50        | 17.66   | 39.7    | 23.32    | 0.99     | 1.41       | 1.53 | 100   |
| Total         | 7.59  | 4.91        | 16.76   | 37.4    | 27.45    | 1.84     | 2.41       | 1.61 | 100   |
| Kuria         |       |             |         |         |          |          |            |      |       |
| Male          | 12.23 | 5.39        | 18.92   | 35.3    | 20.24    | 2.21     | 2.49       | 3.21 | 100   |
| Female        | 21.67 | 4.82        | 21.84   | 36.1    | 13.14    | 0.31     | 0.27       | 1.85 | 100   |
| Total         | 17.63 | 5.06        | 20.59   | 35.8    | 16.18    | 1.12     | 1.22       | 2.43 | 100   |
| Migori        |       |             |         |         |          |          |            |      |       |
| Male          | 6.18  | 6.21        | 21.64   | 37.8    | 21.76    | 1.74     | 2.09       | 2.60 | 100   |
| Female        | 18.36 | 3.95        | 21.04   | 41.6    | 12.28    | 0.33     | 0.45       | 2.01 | 100   |
| Total         | 14.32 | 4.70        | 21.24   | 40.3    | 15.42    | 0.80     | 1.00       | 2.21 | 100   |
| Nyamira       |       |             |         |         |          |          |            |      |       |
| Male          | 5.28  | 8.66        | 21.35   | 30.1    | 23.84    | 1.86     | 2.34       | 6.60 | 100   |
| Female        | 13.30 | 5.89        | 18.55   | 34.3    | 23.01    | 0.50     | 0.69       | 3.74 | 100   |
| Total         | 10.15 | 6.98        | 19.65   | 32.7    | 23.34    | 1.03     | 1.34       | 4.86 | 100   |
| Rachuonyo     |       |             |         |         |          |          |            |      |       |
| Male          | 3.96  | 10.41       | 27.18   | 33.3    | 17.61    | 1.14     | 1.85       | 4.52 | 100   |
| Female        | 19.21 | 3.65        | 20.29   | 42.4    | 11.81    | 0.22     | 0.31       | 2.15 | 100   |
| Total         | 15.87 | 5.13        | 21.80   | 40.4    | 13.08    | 0.42     | 0.65       | 2.67 | 100   |
| Siaya         |       |             |         |         |          |          |            |      |       |
| Male          | 5.93  | 10.76       | 28.14   | 31.9    | 17.26    | 1.49     | 1.63       | 2.94 | 100   |
| Female        | 18.68 | 6.05        | 22.62   | 36.7    | 12.87    | 0.35     | 0.43       | 2.31 | 100   |
| Total         | 14.09 | 7.74        | 24.61   | 35.0    | 14.45    | 0.76     | 0.86       | 2.54 | 100   |
| Suba          |       |             |         |         |          |          |            |      |       |
| Male          | 6.90  | 7.00        | 24.04   | 39.2    | 17.77    | 1.15     | 1.25       | 2.72 | 100   |
| Female        | 20.29 | 4.06        | 21.69   | 41.8    | 9.71     | 0.19     | 0.24       | 1.98 | 100   |
| Total         | 15.78 | 5.05        | 22.48   | 40.9    | 12.42    | 0.51     | 0.58       | 2.23 | 100   |
| Bondo         |       |             |         |         |          |          |            |      |       |
| Male          | 5.08  | 10.02       | 25.18   | 35.4    | 16.98    | 1.14     | 1.56       | 4.61 | 100   |
| Female        | 15.85 | 6.26        | 21.16   | 41.0    | 11.93    | 0.27     | 0.38       | 3.14 | 100   |
| Total         | 12.05 | 7.59        | 22.58   | 39.0    | 13.71    | 0.58     | 0.80       | 3.66 | 100   |
| Nyando        |       |             |         |         |          |          |            |      |       |
| Male          | 4.74  | 7.33        | 20.86   | 34.7    | 25.84    | 1.88     | 2.27       | 2.40 | 100   |
| Female        | 17.39 | 4.53        | 19.64   | 40.8    | 14.64    | 0.41     | 0.59       | 2.05 | 100   |
| Total         | 12.97 | 5.51        | 20.07   | 38.6    | 18.55    | 0.92     | 1.18       | 2.18 | 100   |
| RIFT VALLEY   |       |             |         |         |          |          |            |      |       |
| Male          | 11.94 | 4.80        | 18.06   | 34.0    | 25.51    | 1.70     | 1.98       | 2.03 | 100   |
| Female        | 20.34 | 4.64        | 17.69   | 34.2    | 19.68    | 0.68     | 0.91       | 1.86 | 100   |
| Total         | 16.13 | 4.72        | 17.87   | 34.1    | 22.6     | 1.19     | 1.45       | 1.95 | 100   |
| Baringo       |       |             |         |         |          |          |            |      |       |
| Male          | 18.18 | 6.84        | 19.39   | 25.6    | 21.86    | 1.45     | 2.88       | 3.81 | 100   |
| Female        | 23.15 | 6.02        | 18.18   | 28.6    | 20.18    | 0.28     | 0.94       | 2.69 | 100   |
| Total         | 20.82 | 6.40        | 18.75   | 27.2    | 20.97    | 0.83     | 1.85       | 3.22 | 100   |

Appendix 3 Percent Distribution of Lifetime Migrants by Sex, Education level (Continued)

| District    | Never | Pre-Primary | Std 1-4 | Std 5-8 | Form 1-4 | Form 5-6 | University | NS   | Total |
|-------------|-------|-------------|---------|---------|----------|----------|------------|------|-------|
| Bomet       |       |             |         |         |          |          |            |      |       |
| Male        | 13.76 | 8.40        | 25.32   | 29.1    | 16.55    | 1.07     | 1.74       | 4.05 | 100   |
| Female      | 21.99 | 6.05        | 21.54   | 35.4    | 11.52    | 0.29     | 0.53       | 2.67 | 100   |
| Total       | 18.53 | 7.04        | 23.13   | 32.8    | 13.64    | 0.62     | 1.04       | 3.25 | 100   |
| Keiyo       |       |             |         |         |          |          |            |      |       |
| Male        | 12.48 | 4.91        | 20.25   | 35.4    | 21.18    | 1.35     | 2.29       | 2.17 | 100   |
| Female      | 15.86 | 4.01        | 18.27   | 35.8    | 22.80    | 0.52     | 0.97       | 1.75 | 100   |
| Total       | 14.33 | 4.42        | 19.16   | 35.6    | 22.06    | 0.90     | 1.57       | 1.94 | 100   |
| Kajiado     |       |             |         |         |          |          |            |      |       |
| Male        | 9.66  | 3.84        | 13.71   | 34.0    | 29.59    | 2.84     | 4.39       | 2.02 | 100   |
| Female      | 16.41 | 3.81        | 13.67   | 33.3    | 26.39    | 1.72     | 2.57       | 2.09 | 100   |
| Total       | 12.89 | 3.83        | 13.69   | 33.7    | 28.06    | 2.31     | 3.52       | 2.05 | 100   |
| Kericho     |       |             |         |         |          |          |            |      |       |
| Male        | 6.97  | 5.39        | 19.19   | 38.3    | 25.15    | 1.23     | 1.64       | 2.13 | 100   |
| Female      | 15.32 | 5.83        | 19.95   | 37.7    | 17.69    | 0.49     | 0.83       | 2.18 | 100   |
| Total       | 10.9  | 5.60        | 19.56   | 38.0    | 21.58    | 0.87     | 1.26       | 2.15 | 100   |
| Koibatek    |       |             |         |         |          |          |            |      |       |
| Male        | 14.75 | 4.64        | 20.80   | 34.6    | 20.41    | 1.21     | 1.55       | 2.05 | 100   |
| Female      | 21.80 | 4.67        | 19.41   | 34.4    | 16.99    | 0.34     | 0.54       | 1.87 | 100   |
| Total       | 18.36 | 4.66        | 20.09   | 34.5    | 18.66    | 0.77     | 1.03       | 1.96 | 100   |
| Laikipia    |       |             |         |         |          |          |            |      |       |
| Male        | 15.34 | 4.16        | 17.97   | 34.3    | 23.11    | 1.67     | 1.40       | 2.05 | 100   |
| Female      | 24.21 | 3.58        | 16.11   | 33.9    | 19.13    | 0.63     | 0.73       | 1.75 | 100   |
| Total       | 19.85 | 3.86        | 17.03   | 34.1    | 21.08    | 1.14     | 1.06       | 1.90 | 100   |
| Marakwet    |       |             |         |         |          |          |            |      |       |
| Male        | 16.83 | 7.68        | 25.39   | 30.1    | 15.47    | 0.83     | 1.34       | 2.31 | 100   |
| Female      | 21.98 | 7.26        | 22.45   | 34.2    | 11.89    | 0.22     | 0.30       | 1.67 | 100   |
| Total       | 19.46 | 7.47        | 23.89   | 32.2    | 13.65    | 0.52     | 0.81       | 1.99 | 100   |
| Nakuru      |       |             |         |         |          |          |            |      |       |
| Male        | 9.22  | 4.11        | 16.26   | 35.1    | 29.27    | 1.86     | 2.03       | 2.18 | 100   |
| Female      | 17.96 | 4.19        | 16.17   | 35.5    | 22.41    | 0.75     | 0.92       | 2.07 | 100   |
| Total       | 13.54 | 4.15        | 16.22   | 35.3    | 25.88    | 1.31     | 1.48       | 2.12 | 100   |
| Nandi       |       |             |         |         |          |          |            |      |       |
| Male        | 11.39 | 6.12        | 23.90   | 36.3    | 18.28    | 1.26     | 1.26       | 1.50 | 100   |
| Female      | 17.92 | 5.98        | 22.50   | 36.1    | 14.79    | 0.64     | 0.63       | 1.49 | 100   |
| Total       | 14.70 | 6.05        | 23.19   | 36.2    | 16.51    | 0.95     | 0.94       | 1.49 | 100   |
| Narok       |       |             |         |         |          |          |            |      |       |
| Male        | 17.54 | 6.53        | 21.46   | 33.6    | 16.74    | 0.80     | 0.90       | 2.48 | 100   |
| Female      | 29.85 | 5.66        | 20.50   | 32.1    | 9.73     | 0.23     | 0.34       | 1.64 | 100   |
| Total       | 23.60 | 6.10        | 20.98   | 32.8    | 13.29    | 0.52     | 0.63       | 2.07 | 100   |
| Samburu     |       |             |         |         |          |          |            |      |       |
| Male        | 34.74 | 5.56        | 11.43   | 18.9    | 22.56    | 1.91     | 2.57       | 2.33 | 100   |
| Female      | 51.18 | 4.27        | 10.76   | 16.2    | 14.79    | 0.30     | 0.82       | 1.66 | 100   |
| Total       | 42.87 | 4.92        | 11.10   | 17.6    | 18.72    | 1.12     | 1.71       | 2.00 | 100   |
| Trans Mara  |       |             |         |         |          |          |            |      |       |
| Male        | 20.9  | 5.36        | 21.79   | 30.3    | 17.32    | 1.16     | 1.00       | 2.21 | 100   |
| Female      | 36.23 | 4.73        | 20.31   | 27.8    | 8.67     | 0.20     | 0.36       | 1.73 | 100   |
| Total       | 29.05 | 5.03        | 21.00   | 28.9    | 12.72    | 0.65     | 0.66       | 1.96 | 100   |
| Trans Nzoia |       |             |         |         |          |          |            |      |       |
| Male        | 14.24 | 4.81        | 19.90   | 32.8    | 23.83    | 1.79     | 1.41       | 1.18 | 100   |
| Female      | 22.97 | 4.32        | 19.06   | 33.0    | 18.44    | 0.51     | 0.56       | 1.15 | 100   |
| Total       | 18.78 | 4.55        | 19.47   | 32.9    | 21.02    | 1.13     | 0.97       | 1.17 | 100   |

Appendix 3 Percent Distribution of Lifetime Migrants by Sex, Education level (Continued)

| District      | Never | Pre-Primary | Std 1-4 | Std 5-8 | Form 1-4 | Form 5-6 | University | NS   | Total |
|---------------|-------|-------------|---------|---------|----------|----------|------------|------|-------|
| Turkana       |       |             |         |         |          |          |            |      |       |
| Male          | 23.42 | 3.52        | 10.45   | 19.9    | 34.98    | 2.88     | 3.82       | 1.04 | 100   |
| Female        | 35.81 | 4.61        | 12.89   | 22.2    | 21.02    | 0.52     | 1.60       | 1.36 | 100   |
| Total         | 28.67 | 3.98        | 11.48   | 20.9    | 29.07    | 1.88     | 2.88       | 1.17 | 100   |
| Uasin Gishu   |       |             |         |         |          |          |            |      |       |
| Male          | 11.65 | 4.09        | 16.14   | 31.9    | 30.04    | 1.89     | 2.39       | 1.87 | 100   |
| Female        | 18.52 | 4.05        | 16.37   | 33.6    | 23.80    | 0.80     | 1.09       | 1.83 | 100   |
| Total         | 15.06 | 4.07        | 16.25   | 32.7    | 26.94    | 1.35     | 1.74       | 1.85 | 100   |
| West Pokot    |       |             |         |         |          |          |            |      |       |
| Male          | 23.39 | 5.60        | 17.21   | 26.1    | 22.39    | 1.87     | 1.56       | 1.92 | 100   |
| Female        | 33.64 | 5.59        | 17.69   | 25.5    | 14.96    | 0.34     | 0.54       | 1.69 | 100   |
| Total         | 28.66 | 5.59        | 17.46   | 25.8    | 18.57    | 1.08     | 1.04       | 1.80 | 100   |
| Buret         |       |             |         |         |          |          |            |      |       |
| Male          | 6.90  | 7.38        | 21.11   | 39.8    | 20.22    | 0.70     | 1.25       | 2.68 | 100   |
| Female        | 12.60 | 8.18        | 22.48   | 39.3    | 13.81    | 0.30     | 0.61       | 2.68 | 100   |
| Total         | 9.47  | 7.74        | 21.73   | 39.6    | 17.33    | 0.52     | 0.96       | 2.68 | 100   |
| WESTERN       |       |             |         |         |          |          |            |      |       |
| Male          | 7.73  | 7.12        | 22.17   | 30.6    | 26.37    | 2.25     | 2.10       | 1.69 | 100   |
| Female        | 16.51 | 4.56        | 20.38   | 35.9    | 20.28    | 0.64     | 0.62       | 1.15 | 100   |
| Total         | 13.20 | 5.52        | 21.06   | 33.9    | 22.58    | 1.25     | 1.18       | 1.35 | 100   |
| Bungoma       |       |             |         |         |          |          |            |      |       |
| Male          | 6.22  | 6.25        | 19.94   | 30.9    | 29.73    | 2.70     | 2.32       | 1.97 | 100   |
| Female        | 12.72 | 4.42        | 20.03   | 36.2    | 23.63    | 0.84     | 0.79       | 1.38 | 100   |
| Total         | 10.09 | 5.16        | 19.99   | 34.0    | 26.10    | 1.59     | 1.41       | 1.62 | 100   |
| Busia         |       |             |         |         |          |          |            |      |       |
| Male          | 8.61  | 7.52        | 24.46   | 33.1    | 21.75    | 1.75     | 1.16       | 1.69 | 100   |
| Female        | 23.56 | 4.48        | 21.38   | 35.2    | 13.88    | 0.34     | 0.25       | 0.90 | 100   |
| Total         | 18.36 | 5.53        | 22.45   | 34.5    | 16.62    | 0.83     | 0.57       | 1.17 | 100   |
| Mt. Elgon     |       |             |         |         |          |          |            |      |       |
| Male          | 10.21 | 6.55        | 24.55   | 31.2    | 23.03    | 1.47     | 1.07       | 1.90 | 100   |
| Female        | 20.88 | 4.45        | 22.06   | 36.9    | 13.97    | 0.32     | 0.21       | 1.24 | 100   |
| Total         | 17.06 | 5.20        | 22.95   | 34.9    | 17.21    | 0.73     | 0.52       | 1.48 | 100   |
| Kakamega      |       |             |         |         |          |          |            |      |       |
| Male          | 6.37  | 6.63        | 20.35   | 28.5    | 30.17    | 2.82     | 3.24       | 1.91 | 100   |
| Female        | 12.86 | 4.39        | 18.44   | 35.3    | 25.60    | 0.88     | 1.03       | 1.47 | 100   |
| Total         | 10.41 | 5.23        | 19.16   | 32.8    | 27.33    | 1.61     | 1.86       | 1.63 | 100   |
| Lugari        |       |             |         |         |          |          |            |      |       |
| Male          | 9.67  | 7.76        | 25.41   | 32.2    | 21.36    | 1.52     | 0.86       | 1.21 | 100   |
| Female        | 16.11 | 5.73        | 21.91   | 36.0    | 18.63    | 0.47     | 0.25       | 0.90 | 100   |
| Total         | 13.36 | 6.59        | 23.40   | 34.4    | 19.79    | 0.92     | 0.51       | 1.03 | 100   |
| Teso          |       |             |         |         |          |          |            |      |       |
| Male          | 8.44  | 6.25        | 20.78   | 28.5    | 29.00    | 3.08     | 2.36       | 1.59 | 100   |
| Female        | 20.49 | 4.25        | 20.81   | 32.7    | 19.35    | 0.78     | 0.54       | 1.07 | 100   |
| Total         | 15.76 | 5.04        | 20.80   | 31.1    | 23.13    | 1.68     | 1.25       | 1.27 | 100   |
| Vihiga        |       |             |         |         |          |          |            |      |       |
| Male          | 4.15  | 9.61        | 21.44   | 26.5    | 28.64    | 2.48     | 5.07       | 2.06 | 100   |
| Female        | 10.35 | 4.70        | 19.39   | 35.9    | 26.08    | 0.91     | 1.38       | 1.31 | 100   |
| Total         | 8.32  | 6.31        | 20.06   | 32.8    | 26.92    | 1.42     | 2.59       | 1.56 | 100   |
| Butere/Mumias |       |             |         |         |          |          |            |      |       |
| Male          | 9.02  | 7.41        | 21.60   | 30.4    | 26.12    | 1.99     | 1.92       | 1.52 | 100   |
| Female        | 20.66 | 3.74        | 20.36   | 37.2    | 16.16    | 0.46     | 0.45       | 0.94 | 100   |
| Total         | 17.03 | 4.88        | 20.75   | 35.1    | 19.27    | 0.94     | 0.91       | 1.12 | 100   |

Appendix 4 Percent Distribution of Lifetime Migrants by Sex, Marital Status and District, 1999

| District  | Single | Married | Widowed | Separated/<br>Divorced | Total |
|-----------|--------|---------|---------|------------------------|-------|
| NAIROBI   |        |         |         |                        |       |
| Male      | 37.74  | 61.14   | 0.40    | 0.70                   | 100   |
| Female    | 39.85  | 54.65   | 2.33    | 3.20                   | 100   |
| Total     | 38.67  | 58.28   | 1.25    | 1.80                   | 100   |
| CENTRAL   |        |         |         |                        |       |
| Male      | 40.58  | 57.25   | 0.70    | 1.47                   | 100   |
| Female    | 29.94  | 61.66   | 5.10    | 3.29                   | 100   |
| Total     | 34.96  | 59.58   | 3.02    | 2.43                   | 100   |
| Kiambu    |        |         |         |                        |       |
| Male      | 41.24  | 57.00   | 0.51    | 1.25                   | 100   |
| Female    | 34.22  | 58.75   | 3.70    | 3.33                   | 100   |
| Total     | 37.65  | 57.90   | 2.14    | 2.31                   | 100   |
| Kirinyaga |        |         |         |                        |       |
| Male      | 45.19  | 52.27   | 0.83    | 1.71                   | 100   |
| Female    | 31.21  | 59.96   | 5.18    | 3.64                   | 100   |
| Total     | 37.67  | 56.41   | 3.17    | 2.75                   | 100   |
| Muran'ga  |        |         |         |                        |       |
| Male      | 53.00  | 45.32   | 0.35    | 1.34                   | 100   |
| Female    | 26.19  | 67.62   | 4.87    | 1.32                   | 100   |
| Total     | 35.58  | 59.80   | 3.29    | 1.33                   | 100   |
| Nyandarua |        |         |         |                        |       |
| Male      | 34.62  | 62.35   | 1.09    | 1.93                   | 100   |
| Female    | 22.90  | 65.28   | 7.93    | 3.88                   | 100   |
| Total     | 28.20  | 63.96   | 4.84    | 3.00                   | 100   |
| Nyeri     |        |         |         |                        |       |
| Male      | 49.63  | 48.60   | 0.42    | 1.35                   | 100   |
| Female    | 28.94  | 64.94   | 3.94    | 2.18                   | 100   |
| Total     | 38.30  | 57.55   | 2.35    | 1.80                   | 100   |
| Thika     |        |         |         |                        |       |
| Male      | 38.61  | 59.42   | 0.65    | 1.32                   | 100   |
| Female    | 33.81  | 58.16   | 4.40    | 3.64                   | 100   |
| Total     | 36.25  | 58.80   | 2.49    | 2.46                   | 100   |
| Maragua   |        |         |         |                        |       |
| Male      | 48.35  | 49.01   | 0.86    | 1.79                   | 100   |
| Female    | 24.05  | 68.40   | 5.35    | 2.19                   | 100   |
| Total     | 33.40  | 60.93   | 3.62    | 2.04                   | 100   |
| COAST     |        |         |         |                        |       |
| Male      | 39.38  | 58.41   | 0.69    | 1.53                   | 100   |
| Female    | 29.37  | 62.02   | 4.24    | 4.37                   | 100   |
| Total     | 34.99  | 59.99   | 2.25    | 2.77                   | 100   |

Appendix 4 Percent Distribution of Lifetime Migrants by Sex, Marital Status (Continued)

|              |       |       |      |      |     |
|--------------|-------|-------|------|------|-----|
| Kilifi       |       |       |      |      |     |
| Male         | 43.34 | 54.45 | 0.64 | 1.56 | 100 |
| Female       | 30.66 | 61.09 | 4.26 | 3.98 | 100 |
| Total        | 37.14 | 57.70 | 2.41 | 2.75 | 100 |
| Kwale        |       |       |      |      |     |
| Male         | 35.63 | 60.06 | 1.13 | 3.18 | 100 |
| Female       | 23.23 | 65.62 | 6.08 | 5.08 | 100 |
| Total        | 29.73 | 62.71 | 3.48 | 4.09 | 100 |
| Lamu         |       |       |      |      |     |
| Male         | 35.40 | 60.07 | 1.20 | 3.33 | 100 |
| Female       | 20.53 | 66.07 | 6.70 | 6.71 | 100 |
| Total        | 28.82 | 62.72 | 3.63 | 4.83 | 100 |
| Mombasa      |       |       |      |      |     |
| Male         | 39.54 | 58.82 | 0.55 | 1.09 | 100 |
| Female       | 31.62 | 60.58 | 3.49 | 4.3  | 100 |
| Total        | 36.2  | 59.57 | 1.79 | 2.44 | 100 |
| Taita Taveta |       |       |      |      |     |
| Male         | 40.97 | 55.76 | 1.02 | 2.25 | 100 |
| Female       | 30.04 | 62.59 | 4.37 | 3.01 | 100 |
| Total        | 36.06 | 58.83 | 2.52 | 2.59 | 100 |
| Tana River   |       |       |      |      |     |
| Male         | 38.99 | 58.15 | 1.22 | 1.64 | 100 |
| Female       | 21.07 | 66.95 | 7.69 | 4.29 | 100 |
| Total        | 30.79 | 62.18 | 4.18 | 2.85 | 100 |
| Malindi      |       |       |      |      |     |
| Male         | 38.88 | 58.38 | 0.69 | 2.04 | 100 |
| Female       | 25.26 | 65.18 | 4.95 | 4.61 | 100 |
| Total        | 32.50 | 61.57 | 2.69 | 3.25 | 100 |
| EASTERN      |       |       |      |      |     |
| Male         | 43.29 | 54.13 | 0.70 | 1.88 | 100 |
| Female       | 29.59 | 62.69 | 4.76 | 2.97 | 100 |
| Total        | 36.15 | 58.59 | 2.81 | 2.45 | 100 |
| Embu         |       |       |      |      |     |
| Male         | 46.88 | 51.44 | 0.48 | 1.20 | 100 |
| Female       | 38.23 | 55.84 | 3.23 | 2.70 | 100 |
| Total        | 42.13 | 53.86 | 1.99 | 2.02 | 100 |
| Isiolo       |       |       |      |      |     |
| Male         | 35.15 | 62.86 | 0.74 | 1.25 | 100 |
| Female       | 30.23 | 60.66 | 5.91 | 3.20 | 100 |
| Total        | 32.82 | 61.82 | 3.19 | 2.17 | 100 |
| Kitui        |       |       |      |      |     |
| Male         | 43.24 | 53.29 | 0.96 | 2.52 | 100 |
| Female       | 24.30 | 68.45 | 4.79 | 2.46 | 100 |
| Total        | 32.58 | 61.82 | 3.11 | 2.49 | 100 |
| Makueni      |       |       |      |      |     |
| Male         | 36.98 | 59.26 | 1.19 | 2.57 | 100 |
| Female       | 21.84 | 68.49 | 6.92 | 2.75 | 100 |
| Total        | 28.55 | 64.40 | 4.38 | 2.67 | 100 |
| Machakos     |       |       |      |      |     |
| Male         | 47.24 | 50.61 | 0.56 | 1.58 | 100 |
| Female       | 34.11 | 60.17 | 3.50 | 2.23 | 100 |
| Total        | 40.58 | 55.46 | 2.05 | 1.91 | 100 |

Appendix 4 Percent Distribution of Lifetime Migrants by Sex, Marital Status (Continued)

|               |       |       |      |      |     |
|---------------|-------|-------|------|------|-----|
| Marsabit      |       |       |      |      |     |
| Male          | 40.53 | 57.48 | 0.61 | 1.38 | 100 |
| Female        | 16.72 | 70.05 | 9.07 | 4.16 | 100 |
| Total         | 29.84 | 63.13 | 4.41 | 2.63 | 100 |
| Mbeere        |       |       |      |      |     |
| Male          | 40.83 | 55.52 | 0.80 | 2.85 | 100 |
| Female        | 26.86 | 64.10 | 5.26 | 3.79 | 100 |
| Total         | 33.27 | 60.16 | 3.21 | 3.36 | 100 |
| Meru Central  |       |       |      |      |     |
| Male          | 45.72 | 52.17 | 0.42 | 1.69 | 100 |
| Female        | 34.47 | 57.37 | 3.85 | 4.31 | 100 |
| Total         | 40.35 | 54.65 | 2.05 | 2.94 | 100 |
| Moyale        |       |       |      |      |     |
| Male          | 45.82 | 51.95 | 0.61 | 1.63 | 100 |
| Female        | 26.81 | 61.33 | 7.41 | 4.45 | 100 |
| Total         | 36.46 | 56.57 | 3.96 | 3.02 | 100 |
| Mwingi        |       |       |      |      |     |
| Male          | 43.74 | 53.65 | 0.59 | 2.02 | 100 |
| Female        | 24.00 | 69.66 | 4.13 | 2.21 | 100 |
| Total         | 31.85 | 63.29 | 2.72 | 2.14 | 100 |
| Meru North    |       |       |      |      |     |
| Male          | 42.55 | 55.27 | 0.47 | 1.70 | 100 |
| Female        | 32.65 | 60.42 | 3.40 | 3.53 | 100 |
| Total         | 38.18 | 57.55 | 1.77 | 2.51 | 100 |
| Tharaka       |       |       |      |      |     |
| Male          | 34.87 | 61.70 | 1.04 | 2.39 | 100 |
| Female        | 19.41 | 68.69 | 7.09 | 4.81 | 100 |
| Total         | 26.49 | 65.49 | 4.32 | 3.70 | 100 |
| Nithi         |       |       |      |      |     |
| Male          | 51.86 | 45.66 | 0.76 | 1.72 | 100 |
| Female        | 30.93 | 63.39 | 3.77 | 1.90 | 100 |
| Total         | 39.16 | 56.42 | 2.59 | 1.83 | 100 |
| NORTH EASTERN |       |       |      |      |     |
| Male          | 46.61 | 50.89 | 0.94 | 1.56 | 100 |
| Female        | 28.42 | 58.92 | 7.19 | 5.47 | 100 |
| Total         | 38.87 | 54.31 | 3.60 | 3.22 | 100 |
| Garissa       |       |       |      |      |     |
| Male          | 46.14 | 51.44 | 0.82 | 1.60 | 100 |
| Female        | 30.17 | 57.59 | 6.89 | 5.35 | 100 |
| Total         | 39.39 | 54.04 | 3.38 | 3.19 | 100 |
| Mandera       |       |       |      |      |     |
| Male          | 48.91 | 48.63 | 1.07 | 1.40 | 100 |
| Female        | 26.91 | 59.43 | 8.05 | 5.61 | 100 |
| Total         | 39.48 | 53.25 | 4.06 | 3.20 | 100 |
| Wajir         |       |       |      |      |     |
| Male          | 44.16 | 53.05 | 1.12 | 1.66 | 100 |
| Female        | 25.38 | 62.34 | 6.67 | 5.61 | 100 |
| Total         | 36.05 | 57.07 | 3.52 | 3.37 | 100 |
| NYANZA        |       |       |      |      |     |
| Male          | 45.09 | 53.14 | 0.71 | 1.06 | 100 |
| Female        | 17.11 | 72.29 | 9.65 | 0.94 | 100 |
| Total         | 26.09 | 66.14 | 6.78 | 0.98 | 100 |

Appendix 4 Percent Distribution of Lifetime Migrants by Sex, Marital Status (Continued)

|               |       |       |       |      |     |
|---------------|-------|-------|-------|------|-----|
| Gucha         |       |       |       |      |     |
| Male          | 56.63 | 42.16 | 0.48  | 0.73 | 100 |
| Female        | 15.88 | 77.54 | 5.81  | 0.77 | 100 |
| Total         | 25.05 | 69.58 | 4.61  | 0.76 | 100 |
| Homa Bay      |       |       |       |      |     |
| Male          | 48.61 | 49.82 | 0.67  | 0.91 | 100 |
| Female        | 11.87 | 77.05 | 10.60 | 0.53 | 100 |
| Total         | 19.65 | 71.28 | 8.45  | 0.61 | 100 |
| Kisii Central |       |       |       |      |     |
| Male          | 47.04 | 52.17 | 0.41  | 0.38 | 100 |
| Female        | 19.04 | 73.84 | 6.31  | 0.81 | 100 |
| Total         | 27.45 | 67.33 | 4.54  | 0.68 | 100 |
| Kisumu        |       |       |       |      |     |
| Male          | 41.19 | 57.43 | 0.58  | 0.80 | 100 |
| Female        | 25.67 | 64.78 | 8.14  | 1.41 | 100 |
| Total         | 32.37 | 61.60 | 4.88  | 1.15 | 100 |
| Kuria         |       |       |       |      |     |
| Male          | 43.01 | 54.77 | 0.53  | 1.69 | 100 |
| Female        | 16.51 | 74.71 | 6.15  | 2.63 | 100 |
| Total         | 27.73 | 66.26 | 3.77  | 2.23 | 100 |
| Migori        |       |       |       |      |     |
| Male          | 36.88 | 60.98 | 0.95  | 1.19 | 100 |
| Female        | 12.56 | 76.07 | 10.5  | 0.88 | 100 |
| Total         | 20.26 | 71.3  | 7.47  | 0.98 | 100 |
| Nyamira       |       |       |       |      |     |
| Male          | 44.61 | 54.49 | 0.37  | 0.53 | 100 |
| Female        | 20.71 | 73.12 | 4.93  | 1.24 | 100 |
| Total         | 29.60 | 66.19 | 3.24  | 0.98 | 100 |
| Rachuonyo     |       |       |       |      |     |
| Male          | 58.48 | 39.95 | 0.56  | 1.01 | 100 |
| Female        | 11.43 | 75.98 | 12.10 | 0.54 | 100 |
| Total         | 19.78 | 69.58 | 10.00 | 0.63 | 100 |
| Siaya         |       |       |       |      |     |
| Male          | 58.73 | 38.51 | 1.09  | 1.67 | 100 |
| Female        | 22.84 | 64.13 | 12.00 | 1.00 | 100 |
| Total         | 34.29 | 55.96 | 8.54  | 1.21 | 100 |
| Suba          |       |       |       |      |     |
| Male          | 37.44 | 59.95 | 0.97  | 1.65 | 100 |
| Female        | 10.48 | 78.3  | 10.4  | 0.77 | 100 |
| Total         | 19.09 | 72.44 | 7.42  | 1.05 | 100 |
| Bondo         |       |       |       |      |     |
| Male          | 51.77 | 45.67 | 0.93  | 1.63 | 100 |
| Female        | 18.75 | 68.89 | 11.30 | 1.04 | 100 |
| Total         | 29.45 | 61.36 | 7.96  | 1.23 | 100 |
| Nyando        |       |       |       |      |     |
| Male          | 43.58 | 54.22 | 0.85  | 1.35 | 100 |
| Female        | 15.28 | 72.33 | 11.60 | 0.83 | 100 |
| Total         | 24.61 | 66.36 | 8.03  | 1.00 | 100 |
| RIFT VALLEY   |       |       |       |      |     |
| Male          | 36.31 | 61.79 | 0.60  | 1.30 | 100 |
| Female        | 26.63 | 65.80 | 4.61  | 2.97 | 100 |
| Total         | 31.50 | 63.78 | 2.59  | 2.13 | 100 |

**Appendix 4 Percent Distribution of Lifetime Migrants by Sex, Marital Status (Continued)**

|            |       |       |      |      |     |
|------------|-------|-------|------|------|-----|
| Baringo    |       |       |      |      |     |
| Male       | 50.01 | 48.71 | 0.27 | 1.00 | 100 |
| Female     | 36.24 | 59.18 | 2.91 | 1.67 | 100 |
| Total      | 42.58 | 54.36 | 1.70 | 1.36 | 100 |
| Bomet      |       |       |      |      |     |
| Male       | 41.34 | 57.64 | 0.37 | 0.66 | 100 |
| Female     | 23.61 | 70.45 | 4.73 | 1.22 | 100 |
| Total      | 30.76 | 65.28 | 2.97 | 0.99 | 100 |
| Keiyo      |       |       |      |      |     |
| Male       | 46.62 | 51.49 | 0.51 | 1.39 | 100 |
| Female     | 31.19 | 62.92 | 3.96 | 1.93 | 100 |
| Total      | 38.12 | 57.78 | 2.41 | 1.69 | 100 |
| Kajiado    |       |       |      |      |     |
| Male       | 41.62 | 56.54 | 0.45 | 1.39 | 100 |
| Female     | 33.31 | 59.33 | 3.75 | 3.61 | 100 |
| Total      | 37.68 | 57.87 | 2.01 | 2.44 | 100 |
| Kericho    |       |       |      |      |     |
| Male       | 34.91 | 63.90 | 0.42 | 0.78 | 100 |
| Female     | 26.40 | 67.95 | 3.33 | 2.31 | 100 |
| Total      | 30.90 | 65.81 | 1.79 | 1.50 | 100 |
| Koibatek   |       |       |      |      |     |
| Male       | 38.47 | 59.13 | 0.69 | 1.71 | 100 |
| Female     | 25.83 | 66.58 | 4.98 | 2.61 | 100 |
| Total      | 32.02 | 62.93 | 2.88 | 2.17 | 100 |
| Laikipia   |       |       |      |      |     |
| Male       | 39.31 | 58.53 | 0.68 | 1.48 | 100 |
| Female     | 29.11 | 62.88 | 4.81 | 3.20 | 100 |
| Total      | 34.10 | 60.75 | 2.79 | 2.36 | 100 |
| Marakwet   |       |       |      |      |     |
| Male       | 41.42 | 55.59 | 0.54 | 2.45 | 100 |
| Female     | 23.79 | 70.46 | 3.72 | 2.03 | 100 |
| Total      | 32.45 | 63.16 | 2.15 | 2.24 | 100 |
| Nakuru     |       |       |      |      |     |
| Male       | 35.27 | 62.80 | 0.69 | 1.25 | 100 |
| Female     | 27.46 | 64.12 | 5.06 | 3.37 | 100 |
| Total      | 31.43 | 63.45 | 2.84 | 2.29 | 100 |
| Nandi      |       |       |      |      |     |
| Male       | 34.51 | 63.05 | 0.75 | 1.69 | 100 |
| Female     | 23.97 | 68.06 | 5.07 | 2.90 | 100 |
| Total      | 29.20 | 65.58 | 2.93 | 2.30 | 100 |
| Narok      |       |       |      |      |     |
| Male       | 39.10 | 58.97 | 0.50 | 1.43 | 100 |
| Female     | 22.46 | 69.92 | 4.36 | 3.25 | 100 |
| Total      | 30.89 | 64.38 | 2.40 | 2.33 | 100 |
| Samburu    |       |       |      |      |     |
| Male       | 43.38 | 55.55 | 0.44 | 0.63 | 100 |
| Female     | 31.76 | 59.66 | 6.31 | 2.27 | 100 |
| Total      | 37.61 | 57.59 | 3.36 | 1.44 | 100 |
| Trans Mara |       |       |      |      |     |
| Male       | 30.93 | 67.55 | 0.34 | 1.18 | 100 |
| Female     | 16.19 | 77.56 | 3.99 | 2.26 | 100 |
| Total      | 23.06 | 72.90 | 2.29 | 1.76 | 100 |

**Appendix 4 Percent Distribution of Lifetime Migrants by Sex, Marital Status (Continued)**

|                |              |              |             |             |            |
|----------------|--------------|--------------|-------------|-------------|------------|
| Trans Nzoia    |              |              |             |             |            |
| Male           | 32.91        | 64.49        | 0.77        | 1.83        | 100        |
| Female         | 20.59        | 70.25        | 6.04        | 3.12        | 100        |
| Total          | 26.49        | 67.49        | 3.52        | 2.51        | 100        |
| Turkana        |              |              |             |             |            |
| Male           | 43.73        | 55.00        | 0.34        | 0.93        | 100        |
| Female         | 40.22        | 53.42        | 2.73        | 3.63        | 100        |
| Total          | 42.31        | 54.36        | 1.31        | 2.02        | 100        |
| Uasin Gishu    |              |              |             |             |            |
| Male           | 34.72        | 63.59        | 0.57        | 1.12        | 100        |
| Female         | 28.01        | 65.48        | 4.01        | 2.50        | 100        |
| Total          | 31.41        | 64.52        | 2.27        | 1.80        | 100        |
| West Pokot     |              |              |             |             |            |
| Male           | 38.01        | 59.51        | 0.65        | 1.84        | 100        |
| Female         | 23.47        | 69.61        | 3.76        | 3.15        | 100        |
| Total          | 30.59        | 64.66        | 2.24        | 2.51        | 100        |
| Buret          |              |              |             |             |            |
| Male           | 32.63        | 66.74        | 0.24        | 0.39        | 100        |
| Female         | 25.83        | 69.06        | 2.52        | 2.59        | 100        |
| Total          | 29.65        | 67.76        | 1.24        | 1.35        | 100        |
| <b>WESTERN</b> |              |              |             |             |            |
| <b>Male</b>    | <b>42.14</b> | <b>55.56</b> | <b>0.70</b> | <b>1.60</b> | <b>100</b> |
| <b>Female</b>  | <b>20.36</b> | <b>71.29</b> | <b>6.26</b> | <b>2.09</b> | <b>100</b> |
| <b>Total</b>   | <b>28.19</b> | <b>65.63</b> | <b>4.26</b> | <b>1.91</b> | <b>100</b> |
| Bungoma        |              |              |             |             |            |
| Male           | 41.62        | 56.43        | 0.56        | 1.39        | 100        |
| Female         | 22.52        | 70.36        | 4.78        | 2.34        | 100        |
| Total          | 30.02        | 64.89        | 3.12        | 1.97        | 100        |
| Busia          |              |              |             |             |            |
| Male           | 44.38        | 52.95        | 0.75        | 1.92        | 100        |
| Female         | 16.62        | 72.75        | 8.81        | 1.82        | 100        |
| Total          | 25.59        | 66.35        | 6.21        | 1.85        | 100        |
| Mt. Elgon      |              |              |             |             |            |
| Male           | 37.49        | 58.60        | 0.73        | 3.18        | 100        |
| Female         | 13.36        | 77.73        | 6.28        | 2.64        | 100        |
| Total          | 21.68        | 71.13        | 4.36        | 2.83        | 100        |
| Kakamega       |              |              |             |             |            |
| Male           | 44.44        | 53.67        | 0.61        | 1.29        | 100        |
| Female         | 24.03        | 68.64        | 5.50        | 1.83        | 100        |
| Total          | 31.45        | 63.20        | 3.72        | 1.63        | 100        |
| Lugari         |              |              |             |             |            |
| Male           | 38.77        | 58.42        | 0.97        | 1.84        | 100        |
| Female         | 21.34        | 69.68        | 5.99        | 2.98        | 100        |
| Total          | 28.59        | 65.00        | 3.90        | 2.51        | 100        |
| Teso           |              |              |             |             |            |
| Male           | 38.48        | 58.98        | 0.68        | 1.86        | 100        |
| Female         | 21.15        | 70.38        | 5.86        | 2.61        | 100        |
| Total          | 27.69        | 66.08        | 3.90        | 2.33        | 100        |
| Vihiga         |              |              |             |             |            |
| Male           | 56.04        | 42.09        | 0.66        | 1.22        | 100        |
| Female         | 25.97        | 67.73        | 4.97        | 1.34        | 100        |
| Total          | 34.73        | 60.26        | 3.71        | 1.30        | 100        |

**Appendix 4 Percent Distribution of Lifetime Migrants by Sex, Marital Status (Continued)**

|               |       |       |      |      |     |
|---------------|-------|-------|------|------|-----|
| Butere/Mumias |       |       |      |      |     |
| Male          | 41.30 | 56.74 | 0.61 | 1.34 | 100 |
| Female        | 14.30 | 76.42 | 7.97 | 1.31 | 100 |
| Total         | 22.03 | 70.79 | 5.86 | 1.32 | 100 |

Appendix 5 Percent Distribution of Lifetime Migrants by Sex, Relationship to Household Head and District, 1999

| District  | Head | Spouse | Children | Brother/<br>Sister | Parent | Relative | Not Related | Total |
|-----------|------|--------|----------|--------------------|--------|----------|-------------|-------|
| NAIROBI   |      |        |          |                    |        |          |             |       |
| Male      | 25.2 | 0.93   | 32.86    | 10.18              | 0.38   | 21.23    | 9.21        | 100   |
| Female    | 9.6  | 17.11  | 29.46    | 7.31               | 1.15   | 22.76    | 12.59       | 100   |
| Total     | 17.1 | 9.38   | 31.08    | 8.68               | 0.78   | 22.03    | 10.97       | 100   |
| CENTRAL   |      |        |          |                    |        |          |             |       |
| Male      | 23.0 | 0.98   | 41.99    | 3.15               | 0.14   | 20.69    | 10.06       | 100   |
| Female    | 10.5 | 12.09  | 40.91    | 3.06               | 0.49   | 23.54    | 9.42        | 100   |
| Total     | 16.7 | 6.56   | 41.45    | 3.11               | 0.32   | 22.12    | 9.73        | 100   |
| Kiambu    |      |        |          |                    |        |          |             |       |
| Male      | 24.8 | 1.20   | 39.35    | 3.58               | 0.13   | 18.94    | 11.99       | 100   |
| Female    | 9.9  | 14.47  | 37.39    | 3.38               | 0.42   | 21.36    | 13.09       | 100   |
| Total     | 17.2 | 7.99   | 38.35    | 3.48               | 0.28   | 20.18    | 12.55       | 100   |
| Kirinyaga |      |        |          |                    |        |          |             |       |
| Male      | 18.4 | 0.61   | 45.71    | 1.75               | 0.08   | 19.65    | 13.82       | 100   |
| Female    | 8.6  | 9.62   | 45.18    | 2.03               | 0.39   | 23.42    | 10.71       | 100   |
| Total     | 13.6 | 5.05   | 45.45    | 1.89               | 0.23   | 21.51    | 12.29       | 100   |
| Muran'ga  |      |        |          |                    |        |          |             |       |
| Male      | 18.2 | 1.52   | 45.87    | 1.55               | 0.08   | 25.14    | 7.69        | 100   |
| Female    | 9.9  | 6.50   | 45.55    | 2.15               | 0.33   | 28.66    | 6.94        | 100   |
| Total     | 14.0 | 4.01   | 45.71    | 1.85               | 0.20   | 26.90    | 7.31        | 100   |
| Nyandarua |      |        |          |                    |        |          |             |       |
| Male      | 20.3 | 1.05   | 48.05    | 2.45               | 0.12   | 21.84    | 6.21        | 100   |
| Female    | 11.7 | 10.03  | 47.57    | 2.21               | 0.61   | 23.68    | 4.20        | 100   |
| Total     | 16.0 | 5.56   | 47.81    | 2.33               | 0.36   | 22.77    | 5.20        | 100   |
| Nyeri     |      |        |          |                    |        |          |             |       |
| Male      | 21.3 | 0.78   | 40.65    | 2.37               | 0.12   | 23.55    | 11.25       | 100   |
| Female    | 10.6 | 9.49   | 41.81    | 2.04               | 0.42   | 28.34    | 7.33        | 100   |
| Total     | 16.1 | 5.03   | 41.22    | 2.21               | 0.27   | 25.88    | 9.34        | 100   |
| Thika     |      |        |          |                    |        |          |             |       |
| Male      | 28.6 | 0.94   | 37.88    | 4.90               | 0.24   | 18.54    | 8.92        | 100   |
| Female    | 11.4 | 15.56  | 35.95    | 4.42               | 0.68   | 21.15    | 10.81       | 100   |
| Total     | 19.9 | 8.33   | 36.90    | 4.66               | 0.46   | 19.86    | 9.87        | 100   |
| Maragua   |      |        |          |                    |        |          |             |       |
| Male      | 15.1 | 0.65   | 48.62    | 1.37               | 0.05   | 23.51    | 10.69       | 100   |
| Female    | 9.2  | 7.71   | 47.81    | 2.40               | 0.23   | 26.15    | 6.49        | 100   |
| Total     | 12.2 | 4.16   | 48.21    | 1.88               | 0.14   | 24.82    | 8.60        | 100   |
| COAST     |      |        |          |                    |        |          |             |       |
| Male      | 24.0 | 1.04   | 38.80    | 5.48               | 0.21   | 23.33    | 7.19        | 100   |
| Female    | 9.3  | 15.53  | 39.35    | 3.63               | 0.90   | 25.11    | 6.16        | 100   |
| Total     | 16.8 | 8.13   | 39.07    | 4.57               | 0.55   | 24.20    | 6.68        | 100   |
| KM        |      |        |          |                    |        |          |             |       |
| Male      | 14.6 | 0.55   | 42.30    | 3.15               | 0.14   | 31.98    | 7.26        | 100   |
| Female    | 5.9  | 8.12   | 42.18    | 2.55               | 0.49   | 35.64    | 5.09        | 100   |
| Total     | 10.3 | 4.33   | 42.24    | 2.85               | 0.32   | 33.81    | 6.17        | 100   |
| Kwale     |      |        |          |                    |        |          |             |       |
| Male      | 16.6 | 0.72   | 45.87    | 2.56               | 0.11   | 28.36    | 5.79        | 100   |
| Female    | 7.2  | 10.20  | 45.15    | 1.82               | 0.46   | 31.01    | 4.18        | 100   |
| Total     | 11.9 | 5.46   | 45.51    | 2.19               | 0.28   | 29.68    | 4.99        | 100   |

**Appendix 5 Percent Distribution of Lifetime Migrants by Sex, Relationship to Household Head  
(Continued)**

| District     | Head | Spouse | Children | Brother/<br>Sister | Parent | Relative | Not Related | Total |
|--------------|------|--------|----------|--------------------|--------|----------|-------------|-------|
| Lamu         |      |        |          |                    |        |          |             |       |
| Male         | 28.4 | 0.61   | 36.00    | 2.93               | 0.24   | 17.48    | 14.32       | 100   |
| Female       | 8.9  | 15.08  | 43.81    | 2.76               | 1.18   | 24.46    | 3.85        | 100   |
| Total        | 19.7 | 7.04   | 39.47    | 2.86               | 0.66   | 20.59    | 9.66        | 100   |
| Mombasa      |      |        |          |                    |        |          |             |       |
| Male         | 29.6 | 1.52   | 32.55    | 8.29               | 0.31   | 20.35    | 7.34        | 100   |
| Female       | 11.4 | 21.07  | 32.75    | 5.13               | 1.21   | 20.29    | 8.21        | 100   |
| Total        | 20.7 | 11.09  | 32.65    | 6.74               | 0.75   | 20.32    | 7.77        | 100   |
| Taita Taveta |      |        |          |                    |        |          |             |       |
| Male         | 24.3 | 0.43   | 38.30    | 2.53               | 0.11   | 23.62    | 10.68       | 100   |
| Female       | 9.7  | 11.00  | 41.24    | 2.23               | 0.67   | 28.44    | 6.74        | 100   |
| Total        | 17.3 | 5.51   | 39.71    | 2.39               | 0.38   | 25.94    | 8.78        | 100   |
| Tana River   |      |        |          |                    |        |          |             |       |
| Male         | 19.4 | 0.90   | 58.20    | 2.21               | 0.08   | 15.72    | 3.46        | 100   |
| Female       | 7.8  | 13.57  | 59.12    | 1.43               | 0.67   | 16.07    | 1.36        | 100   |
| Total        | 13.9 | 6.92   | 58.64    | 1.84               | 0.36   | 15.88    | 2.46        | 100   |
| Malindi      |      |        |          |                    |        |          |             |       |
| Male         | 19.6 | 0.46   | 45.08    | 4.05               | 0.11   | 25.63    | 5.10        | 100   |
| Female       | 7.8  | 10.84  | 46.28    | 3.06               | 0.90   | 28.29    | 2.86        | 100   |
| Total        | 13.9 | 5.49   | 45.66    | 3.57               | 0.49   | 26.92    | 4.01        | 100   |
| EASTERN      |      |        |          |                    |        |          |             |       |
| Male         | 16.6 | 0.64   | 49.87    | 1.89               | 0.13   | 21.42    | 9.43        | 100   |
| Female       | 8.8  | 8.32   | 49.81    | 1.77               | 0.58   | 24.58    | 6.17        | 100   |
| Total        | 12.8 | 4.38   | 49.84    | 1.83               | 0.35   | 22.96    | 7.84        | 100   |
| Embu         |      |        |          |                    |        |          |             |       |
| Male         | 19.3 | 0.55   | 41.34    | 1.80               | 0.09   | 18.54    | 18.43       | 100   |
| Female       | 8.8  | 10.43  | 39.57    | 3.77               | 0.47   | 20.27    | 16.71       | 100   |
| Total        | 14   | 5.52   | 40.45    | 2.79               | 0.28   | 19.41    | 17.57       | 100   |
| Isiolo       |      |        |          |                    |        |          |             |       |
| Male         | 18.2 | 0.62   | 47.86    | 3.32               | 0.21   | 13.50    | 16.28       | 100   |
| Female       | 12.2 | 10.45  | 52.78    | 2.70               | 0.66   | 16.08    | 5.15        | 100   |
| Total        | 15.5 | 5.13   | 50.12    | 3.04               | 0.42   | 14.68    | 11.17       | 100   |
| Kitui        |      |        |          |                    |        |          |             |       |
| Male         | 11.8 | 0.49   | 53.42    | 1.12               | 0.04   | 27.35    | 5.77        | 100   |
| Female       | 7.0  | 4.86   | 51.15    | 0.98               | 0.46   | 31.76    | 3.84        | 100   |
| Total        | 9.4  | 2.62   | 52.31    | 1.05               | 0.25   | 29.50    | 4.83        | 100   |
| Makueni      |      |        |          |                    |        |          |             |       |
| Male         | 14.6 | 0.65   | 50.35    | 1.50               | 0.15   | 26.85    | 5.92        | 100   |
| Female       | 8.0  | 6.44   | 48.87    | 1.25               | 0.58   | 31.30    | 3.55        | 100   |
| Total        | 11.4 | 3.49   | 49.63    | 1.38               | 0.36   | 29.04    | 4.76        | 100   |
| Machakos     |      |        |          |                    |        |          |             |       |
| Male         | 19.7 | 1.10   | 44.40    | 2.55               | 0.19   | 23.29    | 8.80        | 100   |
| Female       | 11.1 | 10.24  | 42.83    | 2.05               | 0.75   | 26.81    | 6.18        | 100   |
| Total        | 15.5 | 5.55   | 43.64    | 2.31               | 0.46   | 25.00    | 7.52        | 100   |
| Marsabit     |      |        |          |                    |        |          |             |       |
| Male         | 12.3 | 0.22   | 68.06    | 2.01               | 0.16   | 9.53     | 7.70        | 100   |
| Female       | 9.2  | 5.25   | 73.81    | 0.91               | 0.55   | 8.65     | 1.64        | 100   |
| Total        | 10.9 | 2.57   | 70.74    | 1.50               | 0.34   | 9.12     | 4.87        | 100   |

**Appendix 5 Percent Distribution of Lifetime Migrants by Sex, Relationship to Household Head (Continued)**

| District      | Head | Spouse | Children | Brother /Sister | Parent | Relative | Not Related | Total |
|---------------|------|--------|----------|-----------------|--------|----------|-------------|-------|
| Mbeere        |      |        |          |                 |        |          |             |       |
| Male          | 18.9 | 0.67   | 50.29    | 2.14            | 0.14   | 17.78    | 10.14       | 100   |
| Female        | 10.3 | 10.72  | 49.06    | 1.71            | 0.75   | 21.57    | 5.93        | 100   |
| Total         | 14.5 | 5.74   | 49.67    | 1.92            | 0.45   | 19.69    | 8.02        | 100   |
| Meru Central  |      |        |          |                 |        |          |             |       |
| Male          | 23.2 | 0.46   | 39.70    | 2.13            | 0.04   | 18.39    | 16.08       | 100   |
| Female        | 11.3 | 11.68  | 43.74    | 2.61            | 0.47   | 20.76    | 9.49        | 100   |
| Total         | 17.6 | 5.74   | 41.6     | 2.36            | 0.25   | 19.51    | 12.98       | 100   |
| Moyale        |      |        |          |                 |        |          |             |       |
| Male          | 18.9 | 0.12   | 58.65    | 3.03            | 0.58   | 13.37    | 5.36        | 100   |
| Female        | 10.2 | 12.33  | 56.43    | 1.61            | 1.17   | 14.79    | 3.51        | 100   |
| Total         | 14.6 | 6.11   | 57.56    | 2.33            | 0.87   | 14.07    | 4.45        | 100   |
| Mwingi        |      |        |          |                 |        |          |             |       |
| Male          | 10.7 | 0.32   | 58.61    | 0.90            | 0.09   | 24.50    | 4.85        | 100   |
| Female        | 6.0  | 4.34   | 59.26    | 0.65            | 0.27   | 26.44    | 3.06        | 100   |
| Total         | 8.4  | 2.28   | 58.93    | 0.78            | 0.18   | 25.45    | 3.98        | 100   |
| Meru North    |      |        |          |                 |        |          |             |       |
| Male          | 11.5 | 0.24   | 63.87    | 1.09            | 0.10   | 14.53    | 8.64        | 100   |
| Female        | 4.1  | 5.68   | 68.18    | 0.95            | 0.44   | 16.63    | 4.03        | 100   |
| Total         | 7.9  | 2.87   | 65.96    | 1.02            | 0.27   | 15.55    | 6.41        | 100   |
| Tharaka       |      |        |          |                 |        |          |             |       |
| Male          | 12.4 | 0.41   | 60.89    | 1.77            | 0.15   | 15.56    | 8.87        | 100   |
| Female        | 6.7  | 4.77   | 63.87    | 1.18            | 0.81   | 19.19    | 3.42        | 100   |
| Total         | 9.7  | 2.48   | 62.31    | 1.49            | 0.47   | 17.29    | 6.28        | 100   |
| Nithi         |      |        |          |                 |        |          |             |       |
| Male          | 14.9 | 0.37   | 51.18    | 2.09            | 0.08   | 21.38    | 10.06       | 100   |
| Female        | 5.8  | 8.71   | 48.66    | 2.26            | 0.31   | 22.09    | 12.18       | 100   |
| Total         | 10.2 | 4.68   | 49.88    | 2.18            | 0.20   | 21.74    | 11.15       | 100   |
| NORTH EASTERN |      |        |          |                 |        |          |             |       |
| Male          | 14.1 | 0.29   | 67.51    | 1.82            | 0.11   | 9.44     | 6.75        | 100   |
| Female        | 6.3  | 8.26   | 72.37    | 1.82            | 0.42   | 9.09     | 1.76        | 100   |
| Total         | 10.5 | 3.98   | 69.76    | 1.82            | 0.25   | 9.28     | 4.44        | 100   |
| Garissa       |      |        |          |                 |        |          |             |       |
| Male          | 16.0 | 0.52   | 57.24    | 2.91            | 0.12   | 12.06    | 11.15       | 100   |
| Female        | 7.7  | 9.84   | 63.55    | 3.37            | 0.56   | 12.24    | 2.78        | 100   |
| Total         | 12.2 | 4.77   | 60.12    | 3.12            | 0.32   | 12.14    | 7.34        | 100   |
| Mandera       |      |        |          |                 |        |          |             |       |
| Male          | 16.2 | 0.18   | 69.81    | 1.17            | 0.07   | 8.15     | 4.41        | 100   |
| Female        | 7.1  | 8.53   | 74.26    | 0.96            | 0.40   | 7.31     | 1.42        | 100   |
| Total         | 12.0 | 4.08   | 71.88    | 1.08            | 0.23   | 7.76     | 3.01        | 100   |
| Wajir         |      |        |          |                 |        |          |             |       |
| Male          | 8.9  | 0.09   | 78.45    | 1.18            | 0.14   | 7.52     | 3.76        | 100   |
| Female        | 3.5  | 5.92   | 81.36    | 0.88            | 0.26   | 7.24     | 0.88        | 100   |
| Total         | 6.3  | 2.81   | 79.81    | 1.04            | 0.19   | 7.39     | 2.42        | 100   |
| NYANZA        |      |        |          |                 |        |          |             |       |
| Male          | 17.9 | 0.98   | 47.60    | 2.70            | 0.06   | 25.60    | 5.18        | 100   |
| Female        | 10.0 | 10.79  | 41.19    | 2.71            | 0.15   | 31.47    | 3.66        | 100   |
| Total         | 13.7 | 6.19   | 44.19    | 2.71            | 0.10   | 28.72    | 4.37        | 100   |

**Appendix 5 Percent Distribution of Lifetime Migrants by Sex, Relationship to Household Head  
(Continued)**

| District      | Head | Spouse | Children | Brother /Sister | Parent | Relative | Not Related | Total |
|---------------|------|--------|----------|-----------------|--------|----------|-------------|-------|
| Gucha         |      |        |          |                 |        |          |             |       |
| Male          | 15.7 | 0.57   | 60.16    | 1.91            | 0.06   | 18.91    | 2.67        | 100   |
| Female        | 7.2  | 11.54  | 54.81    | 1.39            | 0.24   | 22.44    | 2.38        | 100   |
| Total         | 11.4 | 6.15   | 57.44    | 1.65            | 0.15   | 20.71    | 2.52        | 100   |
| Homa Bay      |      |        |          |                 |        |          |             |       |
| Male          | 14.2 | 0.91   | 49.39    | 2.04            | 0.00   | 27.50    | 6.01        | 100   |
| Female        | 8.2  | 10.23  | 38.64    | 2.83            | 0.05   | 34.84    | 5.23        | 100   |
| Total         | 10.8 | 6.16   | 43.34    | 2.49            | 0.03   | 31.63    | 5.57        | 100   |
| Kisii Central |      |        |          |                 |        |          |             |       |
| Male          | 20.2 | 0.70   | 49.94    | 2.22            | 0.05   | 22.57    | 4.37        | 100   |
| Female        | 9.1  | 12.07  | 45.47    | 1.94            | 0.21   | 27.31    | 3.93        | 100   |
| Total         | 14.4 | 6.58   | 47.62    | 2.08            | 0.14   | 25.02    | 4.14        | 100   |
| Kisumu        |      |        |          |                 |        |          |             |       |
| Male          | 22.2 | 1.51   | 38.85    | 5.59            | 0.11   | 26.00    | 5.77        | 100   |
| Female        | 10.7 | 12.37  | 34.55    | 4.84            | 0.24   | 30.72    | 6.57        | 100   |
| Total         | 16.1 | 7.26   | 36.57    | 5.19            | 0.18   | 28.50    | 6.20        | 100   |
| Kuria         |      |        |          |                 |        |          |             |       |
| Male          | 10.6 | 0.31   | 59.37    | 2.21            | 0.06   | 16.77    | 10.7        | 100   |
| Female        | 6.2  | 8.00   | 60.17    | 1.35            | 0.21   | 20.56    | 3.54        | 100   |
| Total         | 8.4  | 4.10   | 59.76    | 1.78            | 0.13   | 18.63    | 7.18        | 100   |
| Migori        |      |        |          |                 |        |          |             |       |
| Male          | 14.8 | 1.04   | 50.49    | 2.78            | 0.07   | 26.20    | 4.66        | 100   |
| Female        | 8.9  | 10.22  | 43.04    | 3.03            | 0.12   | 32.24    | 2.44        | 100   |
| Total         | 11.6 | 5.97   | 46.49    | 2.91            | 0.10   | 29.44    | 3.47        | 100   |
| Nyamira       |      |        |          |                 |        |          |             |       |
| Male          | 18.7 | 0.91   | 51.58    | 2.34            | 0.06   | 22.58    | 3.87        | 100   |
| Female        | 9.0  | 11.70  | 47.23    | 2.26            | 0.25   | 27.55    | 1.98        | 100   |
| Total         | 13.7 | 6.44   | 49.35    | 2.30            | 0.16   | 25.12    | 2.90        | 100   |
| Rachuonyo     |      |        |          |                 |        |          |             |       |
| Male          | 15.6 | 0.78   | 46.96    | 1.98            | 0.02   | 30.53    | 4.11        | 100   |
| Female        | 9.4  | 9.49   | 37.00    | 2.74            | 0.06   | 38.88    | 2.45        | 100   |
| Total         | 12.1 | 5.63   | 41.40    | 2.41            | 0.05   | 35.19    | 3.19        | 100   |
| Siaya         |      |        |          |                 |        |          |             |       |
| Male          | 16.5 | 1.36   | 49.44    | 1.38            | 0.07   | 27.40    | 3.89        | 100   |
| Female        | 12.8 | 8.31   | 41.43    | 1.94            | 0.08   | 33.03    | 2.42        | 100   |
| Total         | 14.5 | 5.10   | 45.13    | 1.68            | 0.07   | 30.43    | 3.10        | 100   |
| Suba          |      |        |          |                 |        |          |             |       |
| Male          | 18.7 | 0.56   | 40.92    | 1.77            | 0.02   | 30.73    | 7.26        | 100   |
| Female        | 12.2 | 11.66  | 34.97    | 2.66            | 0.09   | 35.82    | 2.64        | 100   |
| Total         | 15.2 | 6.61   | 37.68    | 2.26            | 0.06   | 33.50    | 4.74        | 100   |
| Bondo         |      |        |          |                 |        |          |             |       |
| Male          | 20.0 | 1.13   | 43.02    | 2.14            | 0.05   | 27.06    | 6.59        | 100   |
| Female        | 14.1 | 11.41  | 36.49    | 2.17            | 0.06   | 31.71    | 4.08        | 100   |
| Total         | 16.8 | 6.62   | 39.53    | 2.16            | 0.05   | 29.55    | 5.24        | 100   |
| Nyando        |      |        |          |                 |        |          |             |       |
| Male          | 19.2 | 0.69   | 42.33    | 2.89            | 0.03   | 27.32    | 7.53        | 100   |
| Female        | 9.7  | 10.54  | 37.64    | 2.46            | 0.09   | 35.75    | 4.25        | 100   |
| Total         | 14.0 | 5.85   | 39.87    | 2.67            | 0.06   | 31.74    | 5.81        | 100   |

**Appendix 5 Percent Distribution of Lifetime Migrants by Sex, Relationship to Household Head  
(Continued)**

| District    | Head | Spouse | Children | Brother<br>/Sister | Parent | Relative | Not Related | Total |
|-------------|------|--------|----------|--------------------|--------|----------|-------------|-------|
| RIFT VALLEY |      |        |          |                    |        |          |             |       |
| Male        | 20.4 | 0.78   | 46.82    | 3.70               | 0.18   | 18.44    | 9.65        | 100   |
| Female      | 9.7  | 12.00  | 47.08    | 2.96               | 0.58   | 20.76    | 6.90        | 100   |
| Total       | 15.2 | 6.31   | 46.95    | 3.34               | 0.38   | 19.58    | 8.29        | 100   |
| Baringo     |      |        |          |                    |        |          |             |       |
| Male        | 16.0 | 0.42   | 61.76    | 1.96               | 0.10   | 13.71    | 6.03        | 100   |
| Female      | 8.8  | 8.63   | 59.86    | 1.70               | 0.32   | 14.88    | 5.84        | 100   |
| Total       | 12.4 | 4.50   | 60.81    | 1.83               | 0.21   | 14.29    | 5.94        | 100   |
| Bomet       |      |        |          |                    |        |          |             |       |
| Male        | 13.8 | 0.35   | 58.02    | 1.40               | 0.06   | 22.47    | 3.91        | 100   |
| Female      | 7.6  | 9.20   | 53.23    | 1.28               | 0.27   | 26.83    | 2.04        | 100   |
| Total       | 10.4 | 4.84   | 55.59    | 1.34               | 0.17   | 24.68    | 2.96        | 100   |
| Keiyo       |      |        |          |                    |        |          |             |       |
| Male        | 16.8 | 0.28   | 43.50    | 2.44               | 0.10   | 23.27    | 13.63       | 100   |
| Female      | 5.1  | 8.87   | 41.00    | 2.24               | 0.38   | 27.12    | 15.31       | 100   |
| Total       | 10.9 | 4.59   | 42.25    | 2.34               | 0.24   | 25.20    | 14.47       | 100   |
| Kajiado     |      |        |          |                    |        |          |             |       |
| Male        | 25.7 | 0.49   | 39.49    | 4.46               | 0.17   | 16.22    | 13.45       | 100   |
| Female      | 11.6 | 14.40  | 40.16    | 3.70               | 0.67   | 17.60    | 11.90       | 100   |
| Total       | 18.8 | 7.29   | 39.82    | 4.09               | 0.41   | 16.89    | 12.69       | 100   |
| Kericho     |      |        |          |                    |        |          |             |       |
| Male        | 18.3 | 0.27   | 47.03    | 3.92               | 0.10   | 21.61    | 8.78        | 100   |
| Female      | 6.4  | 12.74  | 47.98    | 2.58               | 0.36   | 24.18    | 5.75        | 100   |
| Total       | 12.5 | 6.38   | 47.50    | 3.27               | 0.22   | 22.87    | 7.29        | 100   |
| Koibatek    |      |        |          |                    |        |          |             |       |
| Male        | 20.5 | 0.51   | 44.01    | 2.98               | 0.22   | 19.40    | 12.41       | 100   |
| Female      | 7.5  | 10.84  | 45.89    | 2.35               | 0.50   | 24.08    | 8.81        | 100   |
| Total       | 14.3 | 5.46   | 44.91    | 2.68               | 0.35   | 21.64    | 10.68       | 100   |
| Laikipia    |      |        |          |                    |        |          |             |       |
| Male        | 24.3 | 1.69   | 41.72    | 3.23               | 0.23   | 18.52    | 10.28       | 100   |
| Female      | 15.7 | 13.12  | 42.09    | 2.91               | 0.68   | 19.94    | 5.59        | 100   |
| Total       | 20.1 | 7.28   | 41.90    | 3.07               | 0.45   | 19.22    | 7.98        | 100   |
| Marakwet    |      |        |          |                    |        |          |             |       |
| Male        | 15.5 | 0.40   | 56.31    | 2.09               | 0.16   | 17.24    | 8.32        | 100   |
| Female      | 5.5  | 8.94   | 58.45    | 1.45               | 0.05   | 21.02    | 4.64        | 100   |
| Total       | 10.6 | 4.56   | 57.35    | 1.77               | 0.10   | 19.08    | 6.53        | 100   |
| Nakuru      |      |        |          |                    |        |          |             |       |
| Male        | 23.6 | 1.20   | 41.45    | 5.05               | 0.26   | 17.02    | 11.42       | 100   |
| Female      | 11.7 | 13.1   | 42.24    | 4.12               | 0.82   | 18.59    | 9.40        | 100   |
| Total       | 17.8 | 7.04   | 41.84    | 4.59               | 0.53   | 17.79    | 10.43       | 100   |
| Nandi       |      |        |          |                    |        |          |             |       |
| Male        | 18.4 | 0.26   | 47.12    | 2.97               | 0.17   | 22.44    | 8.64        | 100   |
| Female      | 6.6  | 12.12  | 47.38    | 2.51               | 0.36   | 25.14    | 5.87        | 100   |
| Total       | 12.5 | 6.22   | 47.25    | 2.74               | 0.27   | 23.80    | 7.25        | 100   |
| Narok       |      |        |          |                    |        |          |             |       |
| Male        | 19.9 | 1.08   | 52.61    | 2.57               | 0.18   | 12.95    | 10.76       | 100   |
| Female      | 13.0 | 13.06  | 51.66    | 2.04               | 0.66   | 13.59    | 6.01        | 100   |
| Total       | 16.5 | 6.87   | 52.15    | 2.31               | 0.41   | 13.26    | 8.46        | 100   |

**Appendix 5 Percent Distribution of Lifetime Migrants by Sex, Relationship to Household Head  
(Continued)**

| District       | Head        | Spouse      | Children     | Brother<br>/Sister | Parent      | Relative     | Not Related | Total      |
|----------------|-------------|-------------|--------------|--------------------|-------------|--------------|-------------|------------|
| Samburu        |             |             |              |                    |             |              |             |            |
| Male           | 14.6        | 1.65        | 60.14        | 3.01               | 0.06        | 13.09        | 7.46        | 100        |
| Female         | 16.0        | 6.37        | 60.44        | 1.88               | 0.34        | 12.29        | 2.73        | 100        |
| Total          | 15.3        | 3.99        | 60.29        | 2.45               | 0.20        | 12.69        | 5.12        | 100        |
| Trans Mara     |             |             |              |                    |             |              |             |            |
| Male           | 17.4        | 0.45        | 53.31        | 3.20               | 0.19        | 15.34        | 10.07       | 100        |
| Female         | 8.8         | 11.41       | 55.50        | 2.30               | 0.49        | 18.08        | 3.46        | 100        |
| Total          | 13.2        | 5.76        | 54.37        | 2.76               | 0.34        | 16.66        | 6.87        | 100        |
| Trans Nzoia    |             |             |              |                    |             |              |             |            |
| Male           | 18.6        | 0.72        | 48.87        | 3.62               | 0.19        | 21.66        | 6.33        | 100        |
| Female         | 8.1         | 11.01       | 48.24        | 3.13               | 0.78        | 24.28        | 4.42        | 100        |
| Total          | 13.3        | 5.94        | 48.55        | 3.37               | 0.49        | 22.99        | 5.36        | 100        |
| Turkana        |             |             |              |                    |             |              |             |            |
| Male           | 14.4        | 0.33        | 63.05        | 2.67               | 0.05        | 12.22        | 7.30        | 100        |
| Female         | 8.3         | 6.61        | 68.89        | 1.47               | 0.15        | 11.71        | 2.88        | 100        |
| Total          | 11.5        | 3.32        | 65.83        | 2.10               | 0.10        | 11.98        | 5.20        | 100        |
| Uasin Gishu    |             |             |              |                    |             |              |             |            |
| Male           | 22.3        | 1.03        | 39.18        | 5.20               | 0.31        | 21.78        | 10.24       | 100        |
| Female         | 9.3         | 12.34       | 38.83        | 4.10               | 0.78        | 25.90        | 8.79        | 100        |
| Total          | 15.7        | 6.71        | 39.00        | 4.64               | 0.55        | 23.85        | 9.52        | 100        |
| West Pokot     |             |             |              |                    |             |              |             |            |
| Male           | 9.9         | 0.19        | 71.58        | 2.17               | 0.05        | 12.80        | 3.30        | 100        |
| Female         | 4.3         | 6.03        | 71.59        | 1.66               | 0.24        | 13.49        | 2.68        | 100        |
| Total          | 7.1         | 3.08        | 71.59        | 1.92               | 0.15        | 13.14        | 2.99        | 100        |
| Buret          |             |             |              |                    |             |              |             |            |
| Male           | 22.7        | 0.18        | 42.16        | 3.22               | 0.08        | 20.17        | 11.50       | 100        |
| Female         | 6.8         | 16.53       | 45.57        | 2.15               | 0.25        | 23.84        | 4.84        | 100        |
| Total          | 15.2        | 7.87        | 43.77        | 2.72               | 0.16        | 21.90        | 8.37        | 100        |
| <b>WESTERN</b> |             |             |              |                    |             |              |             |            |
| <b>Male</b>    | <b>15.2</b> | <b>0.67</b> | <b>56.13</b> | <b>1.84</b>        | <b>0.06</b> | <b>21.41</b> | <b>4.69</b> | <b>100</b> |
| <b>Female</b>  | <b>8.4</b>  | <b>8.85</b> | <b>50.55</b> | <b>1.94</b>        | <b>0.18</b> | <b>25.51</b> | <b>4.60</b> | <b>100</b> |
| <b>Total</b>   | <b>11.6</b> | <b>4.98</b> | <b>53.20</b> | <b>1.90</b>        | <b>0.12</b> | <b>23.57</b> | <b>4.64</b> | <b>100</b> |
| Bungoma        |             |             |              |                    |             |              |             |            |
| Male           | 12.1        | 0.44        | 63.65        | 1.91               | 0.07        | 16.97        | 4.89        | 100        |
| Female         | 6.2         | 8.36        | 59.17        | 1.79               | 0.21        | 19.72        | 4.55        | 100        |
| Total          | 9.0         | 4.52        | 61.34        | 1.85               | 0.14        | 18.39        | 4.71        | 100        |
| Busia          |             |             |              |                    |             |              |             |            |
| Male           | 14.0        | 0.51        | 55.01        | 1.64               | 0.02        | 23.70        | 5.08        | 100        |
| Female         | 9.0         | 8.44        | 49.11        | 1.97               | 0.09        | 28.45        | 2.90        | 100        |
| Total          | 11.4        | 4.73        | 51.87        | 1.82               | 0.06        | 26.23        | 3.92        | 100        |
| Mt. Elgon      |             |             |              |                    |             |              |             |            |
| Male           | 9.7         | 0.15        | 65.18        | 1.10               | 0.04        | 17.56        | 6.26        | 100        |
| Female         | 4.4         | 7.82        | 62.05        | 1.46               | 0.08        | 20.75        | 3.42        | 100        |
| Total          | 7.0         | 4.06        | 63.58        | 1.28               | 0.06        | 19.18        | 4.81        | 100        |
| Kakamega       |             |             |              |                    |             |              |             |            |
| Male           | 17.6        | 0.82        | 54.17        | 1.94               | 0.07        | 21.54        | 3.85        | 100        |
| Female         | 9.3         | 10.54       | 48.15        | 2.17               | 0.18        | 24.66        | 5.04        | 100        |
| Total          | 13.2        | 5.97        | 50.98        | 2.06               | 0.13        | 23.19        | 4.48        | 100        |

**Appendix 5 Percent Distribution of Lifetime Migrants by Sex, Relationship to Household Head  
(Continued)**

|               |      |      |       |      |      |       |      |     |
|---------------|------|------|-------|------|------|-------|------|-----|
| Lugari        |      |      |       |      |      |       |      |     |
| Male          | 18.0 | 1.60 | 46.58 | 2.25 | 0.14 | 25.18 | 6.25 | 100 |
| Female        | 10.4 | 9.64 | 43.89 | 2.39 | 0.40 | 28.80 | 4.51 | 100 |
| Total         | 14.0 | 5.82 | 45.17 | 2.32 | 0.28 | 27.08 | 5.34 | 100 |
| Teso          |      |      |       |      |      |       |      |     |
| Male          | 16.7 | 0.86 | 56.62 | 2.50 | 0.09 | 18.09 | 5.14 | 100 |
| Female        | 8.2  | 9.40 | 51.75 | 2.80 | 0.21 | 23.08 | 4.61 | 100 |
| Total         | 12.3 | 5.29 | 54.09 | 2.66 | 0.15 | 20.68 | 4.87 | 100 |
| Vihiga        |      |      |       |      |      |       |      |     |
| Male          | 16.6 | 0.47 | 48.70 | 1.42 | 0.02 | 27.75 | 5.04 | 100 |
| Female        | 9.4  | 6.35 | 43.10 | 1.36 | 0.11 | 33.50 | 6.45 | 100 |
| Total         | 12.7 | 3.58 | 45.74 | 1.39 | 0.07 | 30.79 | 5.79 | 100 |
| Butere/Mumias |      |      |       |      |      |       |      |     |
| Male          | 15.7 | 0.66 | 57.31 | 1.80 | 0.02 | 21.23 | 3.25 | 100 |
| Female        | 9.2  | 9.37 | 48.90 | 1.83 | 0.12 | 26.48 | 4.15 | 100 |
| Total         | 12.2 | 5.33 | 52.8  | 1.82 | 0.07 | 24.05 | 3.73 | 100 |

**Appendix 6 Percent Distribution of Lifetime Migrants by Sex, Economic Activity and District, 1999**

| District       | Paid Work | Business | Farming | No Work | Inactive | Total |
|----------------|-----------|----------|---------|---------|----------|-------|
| <b>NAIROBI</b> |           |          |         |         |          |       |
| Male           | 55.84     | 13.49    | 1.9     | 13.51   | 15.29    | 100   |
| Female         | 30.18     | 13.44    | 2.9     | 12.76   | 40.75    | 100   |
| Total          | 44.35     | 13.47    | 2.1     | 13.17   | 26.69    | 100   |
| <b>CENTRAL</b> |           |          |         |         |          |       |
| Male           | 44.65     | 8.37     | 21.3    | 6.07    | 19.60    | 100   |
| Female         | 20.78     | 8.57     | 37.2    | 4.86    | 28.56    | 100   |
| Total          | 32.10     | 8.48     | 29.7    | 5.43    | 24.31    | 100   |
| Kiambu         |           |          |         |         |          |       |
| Male           | 57.82     | 6.98     | 7.0     | 7.78    | 20.53    | 100   |
| Female         | 29.65     | 8.12     | 18.5    | 7.15    | 36.55    | 100   |
| Total          | 43.36     | 7.57     | 12.9    | 7.46    | 28.75    | 100   |
| Kirinyaga      |           |          |         |         |          |       |
| Male           | 43.46     | 10.51    | 22.8    | 4.39    | 18.86    | 100   |
| Female         | 20.99     | 12.26    | 38.5    | 4.06    | 24.14    | 100   |
| Total          | 31.48     | 11.45    | 31.2    | 4.22    | 21.68    | 100   |
| Murang'a       |           |          |         |         |          |       |
| Male           | 40.90     | 5.86     | 21.8    | 3.38    | 28.07    | 100   |
| Female         | 15.39     | 6.31     | 51.8    | 2.95    | 23.55    | 100   |
| Total          | 24.88     | 6.14     | 40.6    | 3.11    | 25.23    | 100   |
| Nyandarua      |           |          |         |         |          |       |
| Male           | 22.81     | 7.27     | 50.1    | 2.61    | 17.26    | 100   |
| Female         | 8.26      | 5.25     | 67.1    | 1.65    | 17.74    | 100   |
| Total          | 14.95     | 6.18     | 59.3    | 2.09    | 17.52    | 100   |
| Nyeri          |           |          |         |         |          |       |
| Male           | 40.51     | 7.45     | 30.2    | 4.07    | 17.77    | 100   |
| Female         | 17.96     | 7.47     | 46.8    | 3.38    | 24.39    | 100   |
| Total          | 28.27     | 7.46     | 39.2    | 3.69    | 21.36    | 100   |
| Thika          |           |          |         |         |          |       |
| Male           | 51.82     | 10.45    | 9.8     | 8.27    | 19.70    | 100   |
| Female         | 26.40     | 11.70    | 20.5    | 6.87    | 34.56    | 100   |
| Total          | 39.26     | 11.07    | 15.1    | 7.58    | 27.04    | 100   |
| Maragua        |           |          |         |         |          |       |
| Male           | 37.61     | 5.94     | 26.7    | 4.85    | 24.87    | 100   |
| Female         | 15.14     | 6.99     | 50.5    | 2.94    | 24.47    | 100   |
| Total          | 24.15     | 6.57     | 40.9    | 3.71    | 24.63    | 100   |
| <b>COAST</b>   |           |          |         |         |          |       |
| Male           | 49.10     | 13.48    | 9.6     | 11.34   | 16.44    | 100   |
| Female         | 17.79     | 13.89    | 14.8    | 8.39    | 45.17    | 100   |
| Total          | 35.11     | 13.67    | 11.9    | 10.02   | 29.28    | 100   |
| Kilifi         |           |          |         |         |          |       |
| Male           | 45.02     | 13.63    | 8.13    | 9.28    | 23.94    | 100   |
| Female         | 15.27     | 13.37    | 18.0    | 7.25    | 46.08    | 100   |
| Total          | 30.38     | 13.50    | 13.0    | 8.28    | 34.84    | 100   |
| Kwale          |           |          |         |         |          |       |
| Male           | 40.00     | 13.25    | 21.2    | 7.86    | 17.73    | 100   |
| Female         | 13.18     | 11.59    | 34.4    | 5.53    | 35.32    | 100   |
| Total          | 27.16     | 12.46    | 27.5    | 6.74    | 26.15    | 100   |

Appendix 6 Percent Distribution of Lifetime Migrants by Sex, Economic Activity and District, 1999

|              |       |       |      |       |       |     |
|--------------|-------|-------|------|-------|-------|-----|
| Lamu         |       |       |      |       |       |     |
| Male         | 31.25 | 10.93 | 43.0 | 3.77  | 11.05 | 100 |
| Female       | 5.68  | 9.45  | 51.9 | 2.66  | 30.32 | 100 |
| Total        | 19.72 | 10.27 | 47.0 | 3.27  | 19.73 | 100 |
| Mombasa      |       |       |      |       |       |     |
| Male         | 54.45 | 13.90 | 2.5  | 13.95 | 15.20 | 100 |
| Female       | 21.72 | 14.88 | 4.3  | 10.66 | 48.46 | 100 |
| Total        | 40.34 | 14.32 | 3.3  | 12.53 | 29.53 | 100 |
| Taita Taveta |       |       |      |       |       |     |
| Male         | 44.00 | 10.59 | 20.7 | 5.03  | 19.69 | 100 |
| Female       | 12.79 | 12.67 | 33.4 | 3.01  | 38.15 | 100 |
| Total        | 29.73 | 11.54 | 26.5 | 4.10  | 28.13 | 100 |
| Tana River   |       |       |      |       |       |     |
| Male         | 22.35 | 10.12 | 49.7 | 3.64  | 14.22 | 100 |
| Female       | 4.94  | 12.51 | 35.7 | 2.43  | 44.47 | 100 |
| Total        | 14.27 | 11.23 | 43.2 | 3.08  | 28.26 | 100 |
| Malindi      |       |       |      |       |       |     |
| Male         | 43.42 | 15.69 | 13.8 | 8.05  | 19.05 | 100 |
| Female       | 12.86 | 13.46 | 23.0 | 6.44  | 44.30 | 100 |
| Total        | 28.91 | 14.63 | 18.1 | 7.28  | 31.04 | 100 |
| EASTERN      |       |       |      |       |       |     |
| Male         | 40.14 | 9.74  | 24.1 | 5.49  | 20.58 | 100 |
| Female       | 16.31 | 10.39 | 34.5 | 3.82  | 34.97 | 100 |
| Total        | 27.79 | 10.08 | 29.5 | 4.62  | 28.03 | 100 |
| Embu         |       |       |      |       |       |     |
| Male         | 49.34 | 10.09 | 14.9 | 5.99  | 19.73 | 100 |
| Female       | 25.69 | 11.56 | 26.5 | 5.81  | 30.42 | 100 |
| Total        | 36.41 | 10.89 | 21.2 | 5.89  | 25.57 | 100 |
| Isiolo       |       |       |      |       |       |     |
| Male         | 37.40 | 14.34 | 29.1 | 5.44  | 13.76 | 100 |
| Female       | 12.68 | 15.24 | 25.3 | 5.20  | 41.61 | 100 |
| Total        | 25.64 | 14.77 | 27.3 | 5.32  | 27.01 | 100 |
| Kitui        |       |       |      |       |       |     |
| Male         | 33.36 | 9.09  | 34.7 | 3.10  | 19.79 | 100 |
| Female       | 11.43 | 10.08 | 53.3 | 2.25  | 22.94 | 100 |
| Total        | 21.31 | 9.63  | 44.9 | 2.63  | 21.52 | 100 |
| Makueni      |       |       |      |       |       |     |
| Male         | 36.46 | 8.79  | 28.0 | 4.05  | 22.68 | 100 |
| Female       | 11.21 | 9.07  | 39.7 | 2.34  | 37.73 | 100 |
| Total        | 22.62 | 8.94  | 34.4 | 3.11  | 30.93 | 100 |
| Machakos     |       |       |      |       |       |     |
| Male         | 44.51 | 7.14  | 15.5 | 8.93  | 23.97 | 100 |
| Female       | 18.66 | 9.24  | 24.6 | 4.89  | 42.59 | 100 |
| Total        | 31.43 | 8.20  | 20.1 | 6.88  | 33.39 | 100 |
| Marsabit     |       |       |      |       |       |     |
| Male         | 28.61 | 8.23  | 42.0 | 4.74  | 16.41 | 100 |
| Female       | 5.98  | 7.42  | 18.2 | 2.38  | 66.00 | 100 |
| Total        | 18.42 | 7.86  | 31.3 | 3.68  | 38.74 | 100 |
| Mbeere       |       |       |      |       |       |     |
| Male         | 31.71 | 8.04  | 36.1 | 4.33  | 19.84 | 100 |
| Female       | 13.05 | 9.66  | 48.6 | 3.08  | 25.62 | 100 |
| Total        | 21.74 | 8.91  | 42.8 | 3.67  | 22.93 | 100 |

Appendix 6 Percent Distribution of Lifetime Migrants by Sex, Economic Activity and District, 1999

|               |       |       |      |       |       |     |
|---------------|-------|-------|------|-------|-------|-----|
| Meru Central  |       |       |      |       |       |     |
| Male          | 46.75 | 10.48 | 20.9 | 4.16  | 17.67 | 100 |
| Female        | 23.11 | 10.09 | 32.9 | 4.01  | 29.89 | 100 |
| Total         | 35.37 | 10.29 | 26.7 | 4.09  | 23.55 | 100 |
| Moyale        |       |       |      |       |       |     |
| Male          | 20.92 | 17.00 | 39.0 | 4.47  | 18.62 | 100 |
| Female        | 5.44  | 14.06 | 20.6 | 3.99  | 55.88 | 100 |
| Total         | 13.27 | 15.54 | 29.9 | 4.23  | 37.04 | 100 |
| Mwingi        |       |       |      |       |       |     |
| Male          | 40.09 | 10.06 | 21.8 | 4.12  | 23.96 | 100 |
| Female        | 13.76 | 12.66 | 43.6 | 3.73  | 26.26 | 100 |
| Total         | 24.80 | 11.57 | 34.4 | 3.90  | 25.30 | 100 |
| Meru North    |       |       |      |       |       |     |
| Male          | 42.52 | 16.44 | 22.9 | 3.71  | 14.46 | 100 |
| Female        | 19.54 | 14.67 | 36.3 | 2.90  | 26.59 | 100 |
| Total         | 32.14 | 15.64 | 28.9 | 3.34  | 19.94 | 100 |
| Tharaka       |       |       |      |       |       |     |
| Male          | 33.66 | 12.88 | 35.0 | 4.06  | 14.45 | 100 |
| Female        | 13.10 | 9.92  | 52.6 | 3.88  | 20.50 | 100 |
| Total         | 22.63 | 11.29 | 44.4 | 3.96  | 17.69 | 100 |
| Nithi         |       |       |      |       |       |     |
| Male          | 34.23 | 9.25  | 19.9 | 3.58  | 33.07 | 100 |
| Female        | 15.47 | 9.80  | 41.5 | 3.20  | 30.07 | 100 |
| Total         | 23.05 | 9.58  | 32.7 | 3.36  | 31.28 | 100 |
| NORTH EASTERN |       |       |      |       |       |     |
| Male          | 36.01 | 11.30 | 20.7 | 7.76  | 24.26 | 100 |
| Female        | 7.12  | 10.73 | 12.0 | 5.90  | 64.28 | 100 |
| Total         | 23.47 | 11.05 | 16.9 | 6.95  | 41.64 | 100 |
| Garissa       |       |       |      |       |       |     |
| Male          | 42.17 | 12.21 | 9.6  | 10.81 | 25.20 | 100 |
| Female        | 9.69  | 11.67 | 4.4  | 8.19  | 66.09 | 100 |
| Total         | 28.16 | 11.98 | 7.3  | 9.68  | 42.84 | 100 |
| Mandera       |       |       |      |       |       |     |
| Male          | 26.94 | 9.67  | 36.9 | 3.68  | 22.87 | 100 |
| Female        | 3.81  | 9.10  | 22.0 | 2.09  | 63.00 | 100 |
| Total         | 16.80 | 9.42  | 30.3 | 2.98  | 40.45 | 100 |
| Wajir         |       |       |      |       |       |     |
| Male          | 33.28 | 11.44 | 25.9 | 5.57  | 23.84 | 100 |
| Female        | 5.30  | 10.90 | 16.9 | 5.94  | 60.92 | 100 |
| Total         | 21.06 | 11.2  | 22.0 | 5.73  | 40.03 | 100 |
| NYANZA        |       |       |      |       |       |     |
| Male          | 31.02 | 10.83 | 19.3 | 6.42  | 32.48 | 100 |
| Female        | 8.37  | 13.22 | 44.8 | 4.33  | 29.33 | 100 |
| Total         | 16.15 | 12.40 | 36.0 | 5.05  | 30.41 | 100 |
| Gucha         |       |       |      |       |       |     |
| Male          | 20.53 | 7.16  | 20.6 | 5.25  | 46.49 | 100 |
| Female        | 7.28  | 8.66  | 59.0 | 3.96  | 21.07 | 100 |
| Total         | 10.72 | 8.27  | 49.0 | 4.30  | 27.67 | 100 |
| Homa Bay      |       |       |      |       |       |     |
| Male          | 21.87 | 9.96  | 25.6 | 5.18  | 37.36 | 100 |
| Female        | 5.03  | 11.17 | 60.0 | 3.08  | 20.69 | 100 |
| Total         | 9.11  | 10.88 | 51.7 | 3.59  | 24.72 | 100 |

Appendix 6 Percent Distribution of Lifetime Migrants by Sex, Economic Activity and District, 1999

|               |       |       |      |      |       |     |
|---------------|-------|-------|------|------|-------|-----|
| Kisii Central |       |       |      |      |       |     |
| Male          | 30.98 | 10.65 | 16.4 | 6.75 | 35.24 | 100 |
| Female        | 8.96  | 8.25  | 54.6 | 3.99 | 24.20 | 100 |
| Total         | 16.10 | 9.03  | 42.2 | 4.88 | 27.78 | 100 |
| Kisumu        |       |       |      |      |       |     |
| Male          | 42.24 | 14.10 | 5.4  | 9.12 | 29.15 | 100 |
| Female        | 14.41 | 17.83 | 19.5 | 7.08 | 41.14 | 100 |
| Total         | 26.58 | 16.20 | 13.4 | 7.97 | 35.89 | 100 |
| Kuria         |       |       |      |      |       |     |
| Male          | 39.12 | 12.59 | 24.8 | 4.38 | 19.14 | 100 |
| Female        | 9.11  | 12.32 | 51.2 | 3.18 | 24.20 | 100 |
| Total         | 21.95 | 12.43 | 39.9 | 3.70 | 22.03 | 100 |
| Migori        |       |       |      |      |       |     |
| Male          | 30.03 | 12.37 | 23.9 | 5.79 | 27.96 | 100 |
| Female        | 7.48  | 13.84 | 45.4 | 4.49 | 28.76 | 100 |
| Total         | 14.96 | 13.35 | 38.3 | 4.92 | 28.49 | 100 |
| Nyamira       |       |       |      |      |       |     |
| Male          | 30.74 | 6.41  | 24.3 | 6.71 | 31.82 | 100 |
| Female        | 9.93  | 7.17  | 53.9 | 4.77 | 24.26 | 100 |
| Total         | 18.09 | 6.87  | 42.3 | 5.53 | 27.22 | 100 |
| Rachuonyo     |       |       |      |      |       |     |
| Male          | 18.22 | 7.80  | 28.2 | 5.65 | 40.12 | 100 |
| Female        | 5.49  | 12.56 | 56.9 | 3.48 | 21.56 | 100 |
| Total         | 8.29  | 11.51 | 50.6 | 3.95 | 25.63 | 100 |
| Siaya         |       |       |      |      |       |     |
| Male          | 17.82 | 4.70  | 38.3 | 3.05 | 36.11 | 100 |
| Female        | 5.88  | 7.31  | 57.2 | 2.23 | 27.37 | 100 |
| Total         | 10.18 | 6.37  | 50.4 | 2.53 | 30.52 | 100 |
| Suba          |       |       |      |      |       |     |
| Male          | 27.21 | 14.83 | 25.6 | 4.04 | 28.31 | 100 |
| Female        | 6.84  | 19.18 | 38.3 | 3.38 | 32.35 | 100 |
| Total         | 13.70 | 17.72 | 34.0 | 3.60 | 30.99 | 100 |
| Bondo         |       |       |      |      |       |     |
| Male          | 21.32 | 14.14 | 21.0 | 5.35 | 38.18 | 100 |
| Female        | 6.13  | 15.97 | 38.5 | 4.08 | 35.37 | 100 |
| Total         | 11.50 | 15.32 | 32.3 | 4.53 | 36.36 | 100 |
| Nyando        |       |       |      |      |       |     |
| Male          | 39.14 | 6.90  | 15.7 | 6.59 | 31.63 | 100 |
| Female        | 8.85  | 16.08 | 38.0 | 4.00 | 33.06 | 100 |
| Total         | 19.44 | 12.87 | 30.2 | 4.91 | 32.56 | 100 |
| RIFT VALLEY   |       |       |      |      |       |     |
| Male          | 40.26 | 9.50  | 24.2 | 6.04 | 20.02 | 100 |
| Female        | 15.40 | 9.38  | 33.6 | 4.67 | 36.92 | 100 |
| Total         | 27.86 | 9.44  | 28.9 | 5.36 | 28.45 | 100 |
| Baringo       |       |       |      |      |       |     |
| Male          | 32.15 | 6.78  | 29.1 | 4.22 | 27.73 | 100 |
| Female        | 14.01 | 7.29  | 35.0 | 2.94 | 40.72 | 100 |
| Total         | 22.52 | 7.05  | 32.3 | 3.54 | 34.63 | 100 |
| Bomet         |       |       |      |      |       |     |
| Male          | 21.42 | 9.50  | 41.8 | 4.32 | 22.96 | 100 |
| Female        | 7.08  | 7.77  | 59.1 | 2.98 | 23.04 | 100 |
| Total         | 13.11 | 8.50  | 51.8 | 3.54 | 23.01 | 100 |

**Appendix 6 Percent Distribution of Lifetime Migrants by Sex, Economic Activity and District, 1999**

|             |       |       |      |      |       |     |
|-------------|-------|-------|------|------|-------|-----|
| Keiyo       |       |       |      |      |       |     |
| Male        | 48.82 | 5.19  | 25.5 | 4.59 | 15.95 | 100 |
| Female      | 13.46 | 6.22  | 39.0 | 4.26 | 37.04 | 100 |
| Total       | 29.44 | 5.76  | 32.9 | 4.41 | 27.51 | 100 |
| Kajiado     |       |       |      |      |       |     |
| Male        | 46.10 | 11.72 | 13.6 | 9.01 | 19.59 | 100 |
| Female      | 20.94 | 12.40 | 17.1 | 6.91 | 42.65 | 100 |
| Total       | 34.08 | 12.05 | 15.3 | 8.01 | 30.60 | 100 |
| Kericho     |       |       |      |      |       |     |
| Male        | 50.55 | 7.76  | 18.2 | 4.58 | 18.91 | 100 |
| Female      | 20.91 | 9.70  | 33.0 | 4.68 | 31.68 | 100 |
| Total       | 36.35 | 8.69  | 25.3 | 4.63 | 25.03 | 100 |
| Koibatek    |       |       |      |      |       |     |
| Male        | 44.28 | 7.70  | 27.6 | 4.59 | 15.84 | 100 |
| Female      | 14.64 | 7.71  | 42.9 | 3.60 | 31.18 | 100 |
| Total       | 29.09 | 7.7   | 35.4 | 4.09 | 23.7  | 100 |
| Laikipia    |       |       |      |      |       |     |
| Male        | 30.91 | 8.34  | 34.7 | 4.88 | 21.20 | 100 |
| Female      | 10.83 | 6.79  | 45.8 | 3.41 | 33.16 | 100 |
| Total       | 20.70 | 7.55  | 40.3 | 4.13 | 27.28 | 100 |
| Marakwet    |       |       |      |      |       |     |
| Male        | 36.89 | 3.86  | 41.5 | 3.47 | 14.33 | 100 |
| Female      | 13.82 | 3.52  | 62.2 | 2.28 | 18.21 | 100 |
| Total       | 25.12 | 3.69  | 52.0 | 2.86 | 16.31 | 100 |
| Nakuru      |       |       |      |      |       |     |
| Male        | 41.16 | 10.02 | 23.5 | 6.81 | 18.48 | 100 |
| Female      | 16.85 | 9.90  | 34.2 | 5.53 | 33.51 | 100 |
| Total       | 29.14 | 9.96  | 28.8 | 6.18 | 25.91 | 100 |
| Nandi       |       |       |      |      |       |     |
| Male        | 44.64 | 6.89  | 24.8 | 4.10 | 19.59 | 100 |
| Female      | 15.92 | 7.63  | 35.2 | 2.72 | 38.50 | 100 |
| Total       | 30.09 | 7.26  | 30.1 | 3.40 | 29.17 | 100 |
| Narok       |       |       |      |      |       |     |
| Male        | 26.38 | 8.95  | 39.1 | 4.05 | 21.50 | 100 |
| Female      | 7.26  | 8.11  | 45.8 | 2.66 | 36.19 | 100 |
| Total       | 16.97 | 8.53  | 42.4 | 3.36 | 28.73 | 100 |
| Samburu     |       |       |      |      |       |     |
| Male        | 28.21 | 15.53 | 25.3 | 4.65 | 26.30 | 100 |
| Female      | 8.50  | 13.09 | 22.7 | 3.75 | 51.97 | 100 |
| Total       | 18.47 | 14.32 | 24.0 | 4.20 | 38.99 | 100 |
| Trans Mara  |       |       |      |      |       |     |
| Male        | 22.80 | 11.66 | 44.9 | 4.08 | 16.55 | 100 |
| Female      | 6.68  | 12.03 | 52.4 | 3.23 | 25.62 | 100 |
| Total       | 14.23 | 11.86 | 48.9 | 3.63 | 21.37 | 100 |
| Trans Nzoia |       |       |      |      |       |     |
| Male        | 33.77 | 9.83  | 30.3 | 5.27 | 20.80 | 100 |
| Female      | 12.78 | 8.08  | 37.1 | 3.85 | 38.22 | 100 |
| Total       | 22.84 | 8.92  | 33.8 | 4.53 | 29.87 | 100 |

Appendix 6 Percent Distribution of Lifetime Migrants by Sex, Economic Activity (Continued)

|               |       |       |      |      |       |     |
|---------------|-------|-------|------|------|-------|-----|
| Turkana       |       |       |      |      |       |     |
| Male          | 40.71 | 15.50 | 15.8 | 7.59 | 20.40 | 100 |
| Female        | 13.95 | 15.40 | 13.4 | 5.52 | 51.71 | 100 |
| Total         | 29.38 | 15.46 | 14.8 | 6.72 | 33.66 | 100 |
| Uasin Gishu   |       |       |      |      |       |     |
| Male          | 42.90 | 11.51 | 16.7 | 7.81 | 21.07 | 100 |
| Female        | 15.60 | 11.38 | 20.0 | 5.99 | 47.00 | 100 |
| Total         | 29.34 | 11.45 | 18.4 | 6.91 | 33.95 | 100 |
| WestPokot     |       |       |      |      |       |     |
| Male          | 35.70 | 11.04 | 22.4 | 5.35 | 25.52 | 100 |
| Female        | 11.27 | 12.44 | 27.1 | 3.68 | 45.47 | 100 |
| Total         | 23.15 | 11.76 | 24.8 | 4.49 | 35.77 | 100 |
| Buret         |       |       |      |      |       |     |
| Male          | 60.20 | 4.04  | 8.6  | 4.42 | 22.77 | 100 |
| Female        | 27.92 | 7.56  | 25.5 | 4.34 | 34.67 | 100 |
| Total         | 45.62 | 5.63  | 16.2 | 4.39 | 28.14 | 100 |
| WESTERN       |       |       |      |      |       |     |
| Male          | 31.04 | 11.09 | 27.6 | 4.41 | 25.89 | 100 |
| Female        | 9.01  | 10.36 | 49.5 | 3.28 | 27.91 | 100 |
| Total         | 17.32 | 10.63 | 41.2 | 3.71 | 27.15 | 100 |
| Bungoma       |       |       |      |      |       |     |
| Male          | 32.91 | 13.55 | 23.9 | 4.72 | 24.91 | 100 |
| Female        | 10.06 | 12.27 | 44.1 | 3.68 | 29.89 | 100 |
| Total         | 19.30 | 12.79 | 35.9 | 4.10 | 27.88 | 100 |
| Busia         |       |       |      |      |       |     |
| Male          | 26.14 | 14.31 | 27.1 | 3.63 | 28.82 | 100 |
| Female        | 6.14  | 11.73 | 55.3 | 1.83 | 25.03 | 100 |
| Total         | 13.09 | 12.63 | 45.5 | 2.46 | 26.35 | 100 |
| Mt. Elgon     |       |       |      |      |       |     |
| Male          | 30.79 | 7.38  | 46.3 | 2.18 | 13.34 | 100 |
| Female        | 6.18  | 7.50  | 68.2 | 1.40 | 16.69 | 100 |
| Total         | 14.99 | 7.46  | 60.4 | 1.68 | 15.49 | 100 |
| Kakamega      |       |       |      |      |       |     |
| Male          | 32.42 | 11.17 | 23.9 | 5.46 | 27.07 | 100 |
| Female        | 11.55 | 10.02 | 45.1 | 4.88 | 28.48 | 100 |
| Total         | 19.45 | 10.46 | 37.1 | 5.10 | 27.94 | 100 |
| Lugari        |       |       |      |      |       |     |
| Male          | 24.95 | 8.82  | 40.2 | 4.23 | 21.83 | 100 |
| Female        | 7.42  | 8.28  | 53.2 | 2.78 | 28.29 | 100 |
| Total         | 14.91 | 8.51  | 47.7 | 3.40 | 25.53 | 100 |
| Teso          |       |       |      |      |       |     |
| Male          | 36.24 | 14.84 | 22.5 | 3.48 | 22.90 | 100 |
| Female        | 10.67 | 12.37 | 47.1 | 2.07 | 27.84 | 100 |
| Total         | 20.71 | 13.34 | 37.4 | 2.63 | 25.90 | 100 |
| Vihiga        |       |       |      |      |       |     |
| Male          | 27.31 | 8.13  | 18.0 | 4.28 | 42.25 | 100 |
| Female        | 10.98 | 9.62  | 39.1 | 4.56 | 35.77 | 100 |
| Total         | 16.32 | 9.13  | 32.2 | 4.47 | 37.89 | 100 |
| Butere/Mumias |       |       |      |      |       |     |
| Male          | 40.21 | 7.58  | 19.9 | 4.47 | 27.8  | 100 |
| Female        | 8.02  | 9.56  | 54.1 | 3.01 | 25.27 | 100 |
| Total         | 18.06 | 8.94  | 43.5 | 3.47 | 26.06 | 100 |

**Appendix 7 Distribution of Urban Population and its Growth Rate by District, 1979-99**

| District             | 1979             |             | 1989             |             | 1999             |             | Growth Rate (%) |             |
|----------------------|------------------|-------------|------------------|-------------|------------------|-------------|-----------------|-------------|
|                      | Number           | %           | Number           | %           | Number           | %           | 1979-89         | 1989-99     |
| <b>KENYA</b>         | <b>2,315,696</b> | <b>100</b>  | <b>3,880,704</b> | <b>100</b>  | <b>5,429,790</b> | <b>100</b>  | <b>5.2</b>      | <b>3.4</b>  |
| <b>NAIROBI</b>       | <b>827,775</b>   | <b>35.7</b> | <b>1,324,570</b> | <b>34.1</b> | <b>2,083,509</b> | <b>38.4</b> | <b>4.7</b>      | <b>4.5</b>  |
| <b>CENTRAL</b>       | <b>128,932</b>   | <b>5.6</b>  | <b>309,821</b>   | <b>8.0</b>  | <b>365,842</b>   | <b>6.7</b>  | <b>8.8</b>      | <b>1.7</b>  |
| Kiambu               | 51,471           | 2.2         | 118,053          | 3.0         | 45,995           | 0.8         | 8.3             | -9.4        |
| Kirinyaga            | 7,874            | 0.3         | 15,224           | 0.4         | 29,127           | 0.5         | 6.6             | 6.5         |
| Murang'a             | 17,418           | 0.8         | 55,188           | 1.4         | 14,983           | 0.3         | 11.5            | -13.0       |
| Nyandarua            | 11,277           | 0.5         | 17,375           | 0.4         | 35,472           | 0.7         | 4.3             | 7.1         |
| Nyeri                | 40,892           | 1.8         | 103,981          | 2.7         | 63,698           | 1.2         | 9.3             | -4.9        |
| Thika                | -                | -           | -                | -           | 166,497          | 3.1         | -               | -           |
| Maragua              | -                | -           | -                | -           | 10,070           | 0.2         | -               | -           |
| <b>COAST</b>         | <b>406,991</b>   | <b>17.6</b> | <b>588,470</b>   | <b>15.2</b> | <b>897,011</b>   | <b>16.5</b> | <b>3.7</b>      | <b>4.2</b>  |
| Kilifi               | 34,095           | 1.5         | 61,604           | 1.6         | 68,842           | 1.3         | 5.9             | 1.1         |
| Kwale                | 8,317            | 0.4         | 17,116           | 0.4         | 63,054           | 1.2         | 7.2             | 13.0        |
| Lamu                 | 10,682           | 0.5         | 8,959            | 0.2         | 16,511           | 0.3         | -1.8            | 6.1         |
| Mombasa              | 341,148          | 14.7        | 461,753          | 11.9        | 643,168          | 11.8        | 3.0             | 3.3         |
| Taita Taveta         | 7,397            | 0.3         | 26,344           | 0.7         | 34,768           | 0.6         | 12.7            | 2.8         |
| Tana River           | 5,352            | 0.2         | 12,694           | 0.3         | 14,978           | 0.3         | 8.6             | 1.7         |
| Malindi              | -                | -           | -                | -           | 55,690           | 1           | -               | -           |
| <b>EASTERN</b>       | <b>233,316</b>   | <b>10.1</b> | <b>355,664</b>   | <b>9.2</b>  | <b>287,561</b>   | <b>5.3</b>  | <b>4.2</b>      | <b>-2.1</b> |
| Embu                 | 15,986           | 0.7         | 26,525           | 0.7         | 31,326           | 0.6         | 5.1             | 1.7         |
| Isiolo               | 14,032           | 0.6         | 23,791           | 0.6         | 29,484           | 0.5         | 5.3             | 2.1         |
| Kitui                | 6,705            | 0.3         | 13,470           | 0.3         | 14,695           | 0.3         | 7.0             | 0.9         |
| Makueni              | -                | -           | -                | -           | 25,771           | 0.5         | -               | -           |
| Machakos             | 101,856          | 4.4         | 149,380          | 3.8         | 71,044           | 1.3         | 3.8             | -7.4        |
| Marsabit             | 21,784           | 0.9         | 33,980           | 0.9         | 17,773           | 0.3         | 4.4             | -6.5        |
| Mbeere               | -                | -           | -                | -           | 2,374            | 0           | -               | -           |
| Meru Central*        | 72,953           | 3.2         | 108,518          | 2.8         | 51,406           | 0.9         | 4.0             | -7.5        |
| Moyale               | -                | -           | -                | -           | 13,638           | 0.3         | -               | -           |
| Mwingi               | -                | -           | -                | -           | 9,971            | 0.2         | -               | -           |
| Meru North           | -                | -           | -                | -           | 11,253           | 0.2         | -               | -           |
| Tharaka              | -                | -           | -                | -           | 0                | 0           | -               | -           |
| Nithi                | -                | -           | -                | -           | 8,826            | 0.2         | -               | -           |
| <b>NORTH EASTERN</b> | <b>63,486</b>    | <b>2.7</b>  | <b>91,174</b>    | <b>2.3</b>  | <b>145,704</b>   | <b>2.7</b>  | <b>3.6</b>      | <b>4.7</b>  |
| Garissa              | 20,103           | 0.9         | 33,699           | 0.9         | 62,446           | 1.2         | 5.2             | 6.2         |
| Mandera              | 24,517           | 1.1         | 35,500           | 0.9         | 51,677           | 1           | 3.7             | 3.8         |
| Wajir                | 18,866           | 0.8         | 21,975           | 0.6         | 31,581           | 0.6         | 1.5             | 3.6         |
| <b>NYANZA</b>        | <b>207,757</b>   | <b>9.0</b>  | <b>352,527</b>   | <b>9.1</b>  | <b>427,377</b>   | <b>7.9</b>  | <b>5.3</b>      | <b>1.9</b>  |
| Gucha                | -                | -           | -                | -           | 10,605           | 0.2         | -               | -           |
| Homa Bay*            | 15,979           | 0.7         | 63,854           | 1.6         | 32,684           | 0.6         | 13.9            | -6.7        |
| Kisii Central*       | 29,661           | 1.3         | 52,808           | 1.4         | 28,201           | 0.5         | 5.8             | -6.3        |
| Kisumu*              | 158,095          | 6.8         | 214,699          | 5.5         | 193,169          | 3.6         | 3.1             | -1.1        |
| Kuria                | -                | -           | -                | -           | 11,674           | 0.2         | -               | -           |
| Migori               | -                | -           | -                | -           | 54,115           | 1           | -               | -           |
| Nyamira              | -                | -           | -                | -           | 16,980           | 0.3         | -               | -           |
| Rachuonyo            | -                | -           | -                | -           | 9,070            | 0.2         | -               | -           |
| Siaya                | 4,022            | 0.2         | 21,166           | 0.5         | 19,732           | 0.4         | 16.6            | -0.7        |
| Suba                 | -                | -           | -                | -           | 7,708            | 0.1         | -               | -           |

**Appendix 7 Distribution of Urban Population and its Growth Rate (Continued)**

|                    |                |             |                |             |                |             |            |            |
|--------------------|----------------|-------------|----------------|-------------|----------------|-------------|------------|------------|
| Bondo              | -              | -           | -              | -           | 11,973         | 0.2         | -          | -          |
| Nyando             | -              | -           | -              | -           | 31,466         | 0.6         | -          | -          |
| <b>RIFT VALLEY</b> | <b>341,696</b> | <b>14.8</b> | <b>672,429</b> | <b>17.3</b> | <b>942,613</b> | <b>17.4</b> | <b>6.8</b> | <b>3.4</b> |
| Baringo            | 13,643         | 0.6         | 29,983         | 0.8         | 15,541         | 0.3         | 7.9        | -6.6       |
| Bomet              | -              | -           | -              | -           | 4,467          | 0.1         | -          | -          |
| Keiyo*             | -              | -           | 4,658          | 0.1         | 5,712          | 0.1         | -          | 2.0        |
| Kajiado            | 14,179         | 0.6         | 46,160         | 1.2         | 79,861         | 1.5         | 11.8       | 5.5        |
| Kericho            | 37,729         | 1.6         | 58,543         | 1.5         | 34,987         | 0.6         | 4.4        | -5.1       |
| Koibatek           | -              | -           | -              | -           | 22,058         | 0.4         | -          | -          |
| Laikipia           | 18,986         | 0.8         | 26,504         | 0.7         | 61,952         | 1.1         | 3.3        | 8.5        |
| Marakwet           | -              | -           | -              | -           | 0              | 0.0         | -          | -          |
| Nakuru             | 133,299        | 5.8         | 245,023        | 6.3         | 349,866        | 6.4         | 6.1        | 3.6        |
| Nandi              | 2,945          | 0.1         | 10,537         | 0.3         | 24,114         | 0.4         | 12.7       | 8.3        |
| Narok              | 15,690         | 0.7         | 16,688         | 0.4         | 26,023         | 0.5         | 0.6        | 4.4        |
| Samburu            | 15,078         | 0.7         | 12,493         | 0.3         | 29,485         | 0.5         | -1.9       | 8.6        |
| Trans Mara         | -              | -           | -              | -           | 7,459          | 0.1         | -          | -          |
| Trans Nzoia        | 28,327         | 1.2         | 56,218         | 1.4         | 43,655         | 0.8         | 6.9        | -2.5       |
| Turkana            | 6,444          | 0.3         | 22,479         | 0.6         | 40,232         | 0.7         | 12.5       | 5.8        |
| Uasin Gishu        | 50,503         | 2.2         | 129,280        | 3.3         | 178,175        | 3.3         | 9.4        | 3.2        |
| West Pokot         | 4,873          | 0.2         | 13,863         | 0.4         | 13,633         | 0.3         | 10.5       | -0.2       |
| Buret              |                | -           |                |             | 5,393          | 0.1         | -          | -          |
| <b>WESTERN</b>     | <b>105,743</b> | <b>4.6</b>  | <b>186,049</b> | <b>4.8</b>  | <b>280,173</b> | <b>5.2</b>  | <b>5.6</b> | <b>4.1</b> |
| Bungoma            | 45,267         | 2.0         | 64,784         | 1.7         | 86,318         | 1.6         | 3.6        | 2.9        |
| Busia              | 24,857         | 1.1         | 25,799         | 0.7         | 30,086         | 0.6         | 0.4        | 1.5        |
| Mt. Elgon          | -              | -           | -              | -           | 5,276          | 0.1         | -          | -          |
| Kakamega*          | 35,619         | 1.5         | 95,466         | 2.5         | 56,489         | 1           | 9.9        | -5.2       |
| Lugari             | -              | -           | -              | -           | 9,300          | 0.2         | -          | -          |
| Teso               | -              | -           | -              | -           | 19,891         | 0.4         | -          | -          |
| Vihiga             | -              | -           | -              | -           | 27,496         | 0.5         | -          | -          |
| Butere/Mumias      | -              | -           | -              | -           | 45,317         | 0.8         | -          | -          |

\* District subdivided after 1989 census

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