

# Exploring Kenya's Inequality

Pulling Apart or Pooling Together?

Bungoma County



## Published by



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ISBN – 978 - 9966 - 029 - 18 - 8

With funding from DANIDA through Drivers of Accountability Programme



The publication, however, remains the sole responsibility of the Kenya National Bureau of Statistics (KNBS) and the Society for International Development (SID).

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# Foreword

Kenya, like all African countries, focused on poverty alleviation at independence, perhaps due to the level of vulnerability of its populations but also as a result of the 'trickle down' economic discourses of the time, which assumed that poverty rather than distribution mattered – in other words, that it was only necessary to concentrate on economic growth because, as the country grew richer, this wealth would trickle down to benefit the poorest sections of society. Inequality therefore had a very low profile in political, policy and scholarly discourses. In recent years though, social dimensions such as levels of access to education, clean water and sanitation are important in assessing people's quality of life. Being deprived of these essential services deepens poverty and reduces people's well-being. Stark differences in accessing these essential services among different groups make it difficult to reduce poverty even when economies are growing. According to the *Economist* (June 1, 2013), a 1% increase in incomes in the most unequal countries produces a mere 0.6 percent reduction in poverty. In the most equal countries, the same 1% growth yields a 4.3% reduction in poverty. Poverty and inequality are thus part of the same problem, and there is a strong case to be made for both economic growth and redistributive policies. From this perspective, Kenya's quest in vision 2030 to grow by 10% per annum must also ensure that inequality is reduced along the way and all people benefit equitably from development initiatives and resources allocated.

Since 2004, the Society for International Development (SID) and Kenya National Bureau of Statistics (KNBS) have collaborated to spearhead inequality research in Kenya. Through their initial publications such as *'Pulling Apart: Facts and Figures on Inequality in Kenya'*, which sought to present simple facts about various manifestations of inequality in Kenya, the understanding of Kenyans of the subject was deepened and a national debate on the dynamics, causes and possible responses started. The report *'Geographic Dimensions of Well-Being in Kenya: Who and Where are the Poor?'* elevated the poverty and inequality discourse further while the publication *'Readings on Inequality in Kenya: Sectoral Dynamics and Perspectives'* presented the causality, dynamics and other technical aspects of inequality.

KNBS and SID in this publication go further to present monetary measures of inequality such as expenditure patterns of groups and non-money metric measures of inequality in important livelihood parameters like employment, education, energy, housing, water and sanitation to show the levels of vulnerability and patterns of unequal access to essential social services at the national, county, constituency and ward levels.

We envisage that this work will be particularly helpful to county leaders who are tasked with the responsibility of ensuring equitable social and economic development while addressing the needs of marginalized groups and regions. We also hope that it will help in informing public engagement with the devolution process and be instrumental in formulating strategies and actions to overcome exclusion of groups or individuals from the benefits of growth and development in Kenya.

It is therefore our great pleasure to present 'Exploring Kenya's inequality: Pulling apart or pooling together?'

**Ali Hersi**

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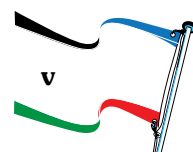


# Acknowledgements

Kenya National Bureau of Statistics (KNBS) and Society for International Development (SID) are grateful to all the individuals directly involved in the publication of *'Exploring Kenya's Inequality: Pulling Apart or Pulling Together?'* books. Special mention goes to Zachary Mwangi (KNBS, Ag. Director General) and Ali Hersi (SID, Regional Director) for their institutional leadership; Katindi Sivi-Njonjo (SID, Programme Director) and Paul Samoei (KNBS) for the effective management of the project; Eston Ngugi; Tabitha Wambui Mwangi; Joshua Musyimi; Samuel Kipruto; George Kamula; Jason Lakin; Ali Zaidi; Leonard Wanyama; and Irene Omari for the different roles played in the completion of these publications.

KNBS and SID would like to thank Bernadette Wanjala (KIPPRA), Mwende Mwendwa (KIPPRA), Raphael Munavu (CRA), Moses Sichei (CRA), Calvin Muga (TISA), Chrispine Oduor (IEA), John T. Mukui, Awuor Ponge (IPAR, Kenya), Othieno Nyanjom, Mary Muyonga (SID), Prof. John Oucho (AMADPOC), Ms. Ada Mwangola (Vision 2030 Secretariat), Kilian Nyambu (NCIC), Charles Warria (DAP), Wanjiru Gikonyo (TISA) and Martin Napisa (NTA), for attending the peer review meetings held on 3<sup>rd</sup> October 2012 and Thursday, 28<sup>th</sup> Feb 2013 and for making invaluable comments that went into the initial production and the finalisation of the books. Special mention goes to Arthur Muliro, Wambui Gathathi, Con Omore, Andiwo Obondoh, Peter Gunja, Calleb Okoyo, Dennis Mutabazi, Leah Thuku, Jackson Kitololo, Yvonne Omwodo and Maureen Bwisa for their institutional support and administrative assistance throughout the project. The support of DANIDA through the Drivers of Accountability Project in Kenya is also gratefully acknowledged.

**Stefano Prato**  
**Managing Director,**  
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# Striking Features on Intra-County Inequality in Kenya

Inequalities within counties in all the variables are extreme. In many cases, Kenyans living within a single county have completely different lifestyles and access to services.

## Income/expenditure inequalities

1. The five counties with the worst income inequality (measured as a ratio of the top to the bottom decile) are in Coast. The ratio of expenditure by the wealthiest to the poorest is 20 to one and above in Lamu, Tana River, Kwale, and Kilifi. This means that those in the top decile have 20 times as much expenditure as those in the bottom decile. This is compared to an average for the whole country of nine to one.
2. Another way to look at income inequality is to compare the mean expenditure per adult across wards within a county. In 44 of the 47 counties, the mean expenditure in the poorest wards is less than 40 percent the mean expenditure in the wealthiest wards within the county. In both Kilifi and Kwale, the mean expenditure in the poorest wards (Garashi and Ndavaya, respectively) is less than 13 percent of expenditure in the wealthiest ward in the county.
3. Of the five poorest counties in terms of mean expenditure, four are in the North (Mandera, Wajir, Turkana and Marsabit) and the last is in Coast (Tana River). However, of the five most unequal counties, only one (Marsabit County) is in the North (looking at ratio of mean expenditure in richest to poorest ward). The other four most unequal counties by this measure are: Kilifi, Kwale, Kajiado and Kitui.
4. If we look at Gini coefficients for the whole county, the most unequal counties are also in Coast: Tana River (.631), Kwale (.604), and Kilifi (.570).
5. The most equal counties by income measure (ratio of top decile to bottom) are: Narok, West Pokot, Bomet, Nandi and Nairobi. Using the ratio of average income in top to bottom ward, the five most equal counties are: Kirinyaga, Samburu, Siaya, Nyandarua, Narok.

## Access to Education

6. Major urban areas in Kenya have high education levels but very large disparities. Mombasa, Nairobi and Kisumu all have gaps between highest and lowest wards of nearly 50 percentage points in share of residents with secondary school education or higher levels.
7. In the 5 most rural counties (Baringo, Siaya, Pokot, Narok and Tharaka Nithi), education levels are lower but the gap, while still large, is somewhat lower than that espoused in urban areas. On average, the gap in these 5 counties between wards with highest share of residents with secondary school or higher and those with the lowest share is about 26 percentage points.
8. The most extreme difference in secondary school education and above is in Kajiado County where the top ward (Ongata Rongai) has nearly 59 percent of the population with secondary education plus, while the bottom ward (Mosiro) has only 2 percent.
9. One way to think about inequality in education is to compare the number of people with no education





to those with some education. A more unequal county is one that has large numbers of both. Isiolo is the most unequal county in Kenya by this measure, with 51 percent of the population having no education, and 49 percent with some. This is followed by West Pokot at 55 percent with no education and 45 percent with some, and Tana River at 56 percent with no education and 44 with some.

## Access to Improved Sanitation

10. Kajiado County has the highest gap between wards with access to improved sanitation. The best performing ward (Ongata Rongai) has 89 percent of residents with access to improved sanitation while the worst performing ward (Mosiro) has 2 percent of residents with access to improved sanitation, a gap of nearly 87 percentage points.
11. There are 9 counties where the gap in access to improved sanitation between the best and worst performing wards is over 80 percentage points. These are Baringo, Garissa, Kajiado, Kericho, Kilifi, Machakos, Marsabit, Nyandarua and West Pokot.

## Access to Improved Sources of Water

12. In all of the 47 counties, the highest gap in access to improved water sources between the county with the best access to improved water sources and the least is over 45 percentage points. The most severe gaps are in Mandera, Garissa, Marsabit, (over 99 percentage points), Kilifi (over 98 percentage points) and Wajir (over 97 percentage points).

## Access to Improved Sources of Lighting

13. The gaps within counties in access to electricity for lighting are also enormous. In most counties (29 out of 47), the gap between the ward with the most access to electricity and the least access is more than 40 percentage points. The most severe disparities between wards are in Mombasa (95 percentage point gap between highest and lowest ward), Garissa (92 percentage points), and Nakuru (89 percentage points).

## Access to Improved Housing

14. The highest extreme in this variable is found in Baringo County where all residents in Silale ward live in grass huts while no one in Ravine ward in the same county lives in grass huts.

## Overall ranking of the variables

15. Overall, the counties with the most income inequalities as measured by the gini coefficient are Tana River, Kwale, Kilifi, Lamu, Migori and Busia. However, the counties that are consistently mentioned among the most deprived hence have the lowest access to essential services compared to others across the following nine variables i.e. poverty, mean household expenditure, education, work for pay, water, sanitation, cooking fuel, access to electricity and improved housing are Mandera (8 variables), Wajir (8 variables), Turkana (7 variables) and Marsabit (7 variables).

# Abbreviations

<b>AMADPOC</b>	African Migration and Development Policy Centre
<b>CRA</b>	Commission on Revenue Allocation
<b>DANIDA</b>	Danish International Development Agency
<b>DAP</b>	Drivers of Accountability Programme
<b>EAs</b>	Enumeration Areas
<b>HDI</b>	Human Development Index
<b>IBP</b>	International Budget Partnership
<b>IEA</b>	Institute of Economic Affairs
<b>IPAR</b>	Institute of Policy Analysis and Research
<b>KIHBS</b>	Kenya Intergraded Household Budget Survey
<b>KIPPRA</b>	Kenya Institute for Public Policy Research and Analysis
<b>KNBS</b>	Kenya National Bureau of Statistics
<b>LPG</b>	Liquefied Petroleum Gas
<b>NCIC</b>	National Cohesion and Integration Commission
<b>NTA</b>	National Taxpayers Association
<b>PCA</b>	Principal Component Analysis
<b>SAEs</b>	Small Area Estimation
<b>SID</b>	Society for International Development
<b>TISA</b>	The Institute for Social Accountability
<b>VIP latrine</b>	Ventilated-Improved Pit latrine
<b>VOCs</b>	Volatile Organic Carbons
<b>WDR</b>	World Development Report



# Introduction

## Background

For more than half a century many people in the development sector in Kenya have worked at alleviating extreme poverty so that the poorest people can access basic goods and services for survival like food, safe drinking water, sanitation, shelter and education. However when the current national averages are disaggregated there are individuals and groups that still lag too behind. As a result, the gap between the rich and the poor, urban and rural areas, among ethnic groups or between genders reveal huge disparities between those who are well endowed and those who are deprived.

According to the world inequality statistics, Kenya was ranked 103 out of 169 countries making it the 66th most unequal country in the world. Kenya's Inequality is rooted in its history, politics, economics and social organization and manifests itself in the lack of access to services, resources, power, voice and agency. Inequality continues to be driven by various factors such as: social norms, behaviours and practices that fuel discrimination and obstruct access at the local level and/ or at the larger societal level; the fact that services are not reaching those who are most in need of them due to intentional or unintentional barriers; the governance, accountability, policy or legislative issues that do not favor equal opportunities for the disadvantaged; and economic forces i.e. the unequal control of productive assets by the different socio-economic groups.

According to the 2005 report on the World Social Situation, sustained poverty reduction cannot be achieved unless equality of opportunity and access to basic services is ensured. Reducing inequality must therefore be explicitly incorporated in policies and programmes aimed at poverty reduction. In addition, specific interventions may be required, such as: affirmative action; targeted public investments in underserved areas and sectors; access to resources that are not conditional; and a conscious effort to ensure that policies and programmes implemented have to provide equitable opportunities for all.

This chapter presents the basic concepts on inequality and poverty, methods used for analysis, justification and choice of variables on inequality. The analysis is based on the 2009 Kenya housing and population census while the 2006 Kenya integrated household budget survey is combined with census to estimate poverty and inequality measures from the national to the ward level. Tabulation of both money metric measures of inequality such as mean expenditure and non-money metric measures of inequality in important livelihood parameters like, employment, education, energy, housing, water and sanitation are presented. These variables were selected from the census data and analyzed in detail and form the core of the inequality reports. Other variables such as migration or health indicators like mortality, fertility etc. are analyzed and presented in several monographs by Kenya National Bureau of Statistics and were therefore left out of this report.

## Methodology

### Gini-coefficient of inequality

This is the most commonly used measure of inequality. The coefficient varies between '0', which reflects complete equality and '1' which indicates complete inequality. Graphically, the Gini coefficient can be



easily represented by the area between the Lorenz curve and the line of equality. On the figure below, the Lorenz curve maps the cumulative income share on the vertical axis against the distribution of the population on the horizontal axis. The Gini coefficient is calculated as the area (A) divided by the sum of areas (A and B) i.e.  $A/(A+B)$ . If  $A=0$  the Gini coefficient becomes 0 which means perfect equality, whereas if  $B=0$  the Gini coefficient becomes 1 which means complete inequality. Let  $x_i$  be a point on the X-axis, and  $y_i$  a point on the Y-axis, the Gini coefficient formula is:

$$Gini = 1 - \sum_{i=1}^N (x_i - x_{i-1})(y_i + y_{i-1})$$

An Illustration of the Lorenz Curve



### Small Area Estimation (SAE)

The small area problem essentially concerns obtaining reliable estimates of quantities of interest — totals or means of study variables, for example — for geographical regions, when the regional sample sizes are small in the survey data set. In the context of small area estimation, an area or domain becomes small when its sample size is too small for direct estimation of adequate precision. If the regional estimates are to be obtained by the traditional direct survey estimators, based only on the sample data from the area of interest itself, small sample sizes lead to undesirably large standard errors for them. For instance, due to their low precision the estimates might not satisfy the generally accepted publishing criteria in official statistics. It may even happen that there are no sample members at all from some areas, making the direct estimation impossible. All this gives rise to the need of special small area estimation methodology.

Most of KNBS surveys were designed to provide statistically reliable, design-based estimates only at the national, provincial and district levels such as the Kenya Intergraded Household Budget Survey of 2005/06 (KIHBS). The sheer practical difficulties and cost of implementing and conducting sample surveys that would provide reliable estimates at levels finer than the district were generally prohibitive, both in terms of the increased sample size required and in terms of the added burden on providers of survey data (respondents). However through SAE and using the census and other survey datasets, accurate small area poverty estimates for 2009 for all the counties are obtainable.

The sample in the 2005/06 KIHBS, which was a representative subset of the population, collected detailed information regarding consumption expenditures. The survey gives poverty estimate of urban and rural poverty at the national level, the provincial level and, albeit with less precision, at the district level. However, the sample sizes of such household surveys preclude estimation of meaningful poverty measures for smaller areas such as divisions, locations or wards. Data collected through censuses are sufficiently large to provide representative measurements below the district level such as divisions, locations and sub-locations. However, this data does not contain the detailed information on consumption expenditures required to estimate poverty indicators. In small area estimation methodology, the first step of the analysis involves exploring the relationship between a set of characteristics of households and the welfare level of the same households, which has detailed information about household expenditure and consumption. A regression equation is then estimated to explain daily per capita consumption and expenditure of a household using a number of socio-economic variables such as household size, education levels, housing characteristics and access to basic services.

While the census does not contain household expenditure data, it does contain these socio-economic variables. Therefore, it will be possible to statistically impute household expenditures for the census households by applying the socio-economic variables from the census data on the estimated relationship based on the survey data. This will give estimates of the welfare level of all households in the census, which in turn allows for estimation of the proportion of households that are poor and other poverty measures for relatively small geographic areas. To determine how many people are poor in each area, the study would then utilize the 2005/06 monetary poverty lines for rural and urban households respectively. In terms of actual process, the following steps were undertaken:

**Cluster Matching:** Matching of the KIHBS clusters, which were created using the 1999 Population and Housing Census Enumeration Areas (EA) to 2009 Population and Housing Census EAs. The purpose was to trace the KIBHS 2005/06 clusters to the 2009 Enumeration Areas.

**Zero Stage:** The first step of the analysis involved finding out comparable variables from the survey (Kenya Integrated Household Budget 2005/06) and the census (Kenya 2009 Population and Housing Census). This required the use of the survey and census questionnaires as well as their manuals.

**First Stage (Consumption Model):** This stage involved the use of regression analysis to explore the relationship between an agreed set of characteristics in the household and the consumption levels of the same households from the survey data. The regression equation was then used to estimate and explain daily per capita consumption and expenditure of households using socio-economic variables



such as household size, education levels, housing characteristics and access to basic services, and other auxiliary variables. While the census did not contain household expenditure data, it did contain these socio-economic variables.

**Second Stage (Simulation):** Analysis at this stage involved statistical imputation of household expenditures for the census households, by applying the socio-economic variables from the census data on the estimated relationship based on the survey data.

### Identification of poor households Principal Component Analysis (PCA)

In order to attain the objective of the poverty targeting in this study, the household needed to be established. There are three principal indicators of welfare; household income; household consumption expenditures; and household wealth. Household income is the theoretical indicator of choice of welfare/ economic status. However, it is extremely difficult to measure accurately due to the fact that many people do not remember all the sources of their income or better still would not want to divulge this information. Measuring consumption expenditures has many drawbacks such as the fact that household consumption expenditures typically are obtained from recall method usually for a period of not more than four weeks. In all cases a well planned and large scale survey is needed, which is time consuming and costly to collect. The estimation of wealth is a difficult concept due to both the quantitative as well as the qualitative aspects of it. It can also be difficult to compute especially when wealth is looked at as both tangible and intangible.

Given that the three main indicators of welfare cannot be determined in a shorter time, an alternative method that is quick is needed. The alternative approach then in measuring welfare is generally through the asset index. In measuring the asset index, multivariate statistical procedures such the factor analysis, discriminate analysis, cluster analysis or the principal component analysis methods are used. Principal components analysis transforms the original set of variables into a smaller set of linear combinations that account for most of the variance in the original set. The purpose of PCA is to determine factors (i.e., principal components) in order to explain as much of the total variation in the data as possible.

In this project the principal component analysis was utilized in order to generate the asset (wealth) index for each household in the study area. The PCA can be used as an exploratory tool to investigate patterns in the data; in identify natural groupings of the population for further analysis and; to reduce several dimensionalities in the number of known dimensions. In generating this index information from the datasets such as the tenure status of main dwelling units; roof, wall, and floor materials of main dwelling; main source of water; means of human waste disposal; cooking and lighting fuels; household items such radio TV, fridge etc was required. The recent available dataset that contains this information for the project area is the Kenya Population and Housing Census 2009.

There are four main approaches to handling multivariate data for the construction of the asset index in surveys and censuses. The first three may be regarded as exploratory techniques leading to index construction. These are graphical procedures and summary measures. The two popular multivariate procedures - cluster analysis and principal component analysis (PCA) - are two of the key procedures that have a useful preliminary role to play in index construction and lastly regression modeling approach.

In the recent past there has been an increasing routine application of PCA to asset data in creating welfare indices (Gwatkin et al. 2000, Filmer and Pritchett 2001 and McKenzie 2003).

## Concepts and definitions

### Inequality

Inequality is characterized by the existence of unequal opportunities or life chances and unequal conditions such as incomes, goods and services. Inequality, usually structured and recurrent, results into an unfair or unjust gap between individuals, groups or households relative to others within a population. There are several methods of measuring inequality. In this study, we consider among other methods, the Gini-coefficient, the difference in expenditure shares and access to important basic services.

### Equality and Equity

Although the two terms are sometimes used interchangeably, they are different concepts. Equality requires all to have same/ equal resources, while equity requires all to have the same opportunity to access same resources, survive, develop, and reach their full potential, without discrimination, bias, or favoritism. Equity also accepts differences that are earned fairly.

### Poverty

The poverty line is a threshold below which people are deemed poor. Statistics summarizing the bottom of the consumption distribution (i.e. those that fall below the poverty line) are therefore provided. In 2005/06, the poverty line was estimated at Ksh1,562 and Ksh2,913 per adult equivalent<sup>1</sup> per month for rural and urban households respectively. Nationally, 45.2 percent of the population lives below the poverty line (2009 estimates) down from 46 percent in 2005/06.

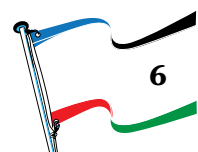
### Spatial Dimensions

The reason poverty can be considered a spatial issue is two-fold. People of a similar socio-economic background tend to live in the same areas because the amount of money a person makes usually, but not always, influences their decision as to where to purchase or rent a home. At the same time, the area in which a person is born or lives can determine the level of access to opportunities like education and employment because income and education can influence settlement patterns and also be influenced by settlement patterns. They can therefore be considered causes and effects of spatial inequality and poverty.

### Employment

Access to jobs is essential for overcoming inequality and reducing poverty. People who cannot access productive work are unable to generate an income sufficient to cover their basic needs and those of their families, or to accumulate savings to protect their households from the vicissitudes of the economy.

<sup>1</sup>This is basically the idea that every person needs different levels of consumption because of their age, gender, height, weight, etc. and therefore we take this into account to create an adult equivalent based on the average needs of the different populations



The unemployed are therefore among the most vulnerable in society and are prone to poverty. Levels and patterns of employment and wages are also significant in determining degrees of poverty and inequality. Macroeconomic policy needs to emphasize the need for increasing regular good quality 'work for pay' that is covered by basic labour protection. The population and housing census 2009 included questions on labour and employment for the population aged 15-64.

The census, not being a labour survey, only had few categories of occupation which included work for pay, family business, family agricultural holdings, intern/volunteer, retired/home maker, full time student, incapacitated and no work. The tabulation was nested with education- for none, primary and secondary level.

## **Education**

Education is typically seen as a means of improving people's welfare. Studies indicate that inequality declines as the average level of educational attainment increases, with secondary education producing the greatest payoff, especially for women (Cornia and Court, 2001). There is considerable evidence that even in settings where people are deprived of other essential services like sanitation or clean water, children of educated mothers have much better prospects of survival than do the children of uneducated mothers. Education is therefore typically viewed as a powerful factor in leveling the field of opportunity as it provides individuals with the capacity to obtain a higher income and standard of living. By learning to read and write and acquiring technical or professional skills, people increase their chances of obtaining decent, better-paying jobs. Education however can also represent a medium through which the worst forms of social stratification and segmentation are created. Inequalities in quality and access to education often translate into differentials in employment, occupation, income, residence and social class. These disparities are prevalent and tend to be determined by socio-economic and family background. Because such disparities are typically transmitted from generation to generation, access to educational and employment opportunities are to a certain degree inherited, with segments of the population systematically suffering exclusion. The importance of equal access to a well-functioning education system, particularly in relation to reducing inequalities, cannot be overemphasized.

## **Water**

According to UNICEF (2008), over 1.1 billion people lack access to an improved water source and over three million people, mostly children, die annually from water-related diseases. Water quality refers to the basic and physical characteristics of water that determines its suitability for life or for human uses. The quality of water has tremendous effects on human health both in the short term and in the long term. As indicated in this report, slightly over half of Kenya's population has access to improved sources of water.

## **Sanitation**

Sanitation refers to the principles and practices relating to the collection, removal or disposal of human excreta, household waste, water and refuse as they impact upon people and the environment. Decent sanitation includes appropriate hygiene awareness and behavior as well as acceptable, affordable and

sustainable sanitation services which is crucial for the health and wellbeing of people. Lack of access to safe human waste disposal facilities leads to higher costs to the community through pollution of rivers, ground water and higher incidence of air and water borne diseases. Other costs include reduced incomes as a result of disease and lower educational outcomes.

Nationally, 61 percent of the population has access to improved methods of waste disposal. A sizeable population i.e. 39 percent of the population is disadvantaged. Investments made in the provision of safe water supplies need to be commensurate with investments in safe waste disposal and hygiene promotion to have significant impact.

### **Housing Conditions (Roof, Wall and Floor)**

Housing conditions are an indicator of the degree to which people live in humane conditions. Materials used in the construction of the floor, roof and wall materials of a dwelling unit are also indicative of the extent to which they protect occupants from the elements and other environmental hazards. Housing conditions have implications for provision of other services such as connections to water supply, electricity, and waste disposal. They also determine the safety, health and well being of the occupants. Low provision of these essential services leads to higher incidence of diseases, fewer opportunities for business services and lack of a conducive environment for learning. It is important to note that availability of materials, costs, weather and cultural conditions have a major influence on the type of materials used.

### **Energy fuel for cooking and lighting**

Lack of access to clean sources of energy is a major impediment to development through health related complications such as increased respiratory infections and air pollution. The type of cooking fuel or lighting fuel used by households is related to the socio-economic status of households. High level energy sources are cleaner but cost more and are used by households with higher levels of income compared with primitive sources of fuel like firewood which are mainly used by households with a lower socio-economic profile. Globally about 2.5 billion people rely on biomass such as fuel-wood, charcoal, agricultural waste and animal dung to meet their energy needs for cooking.



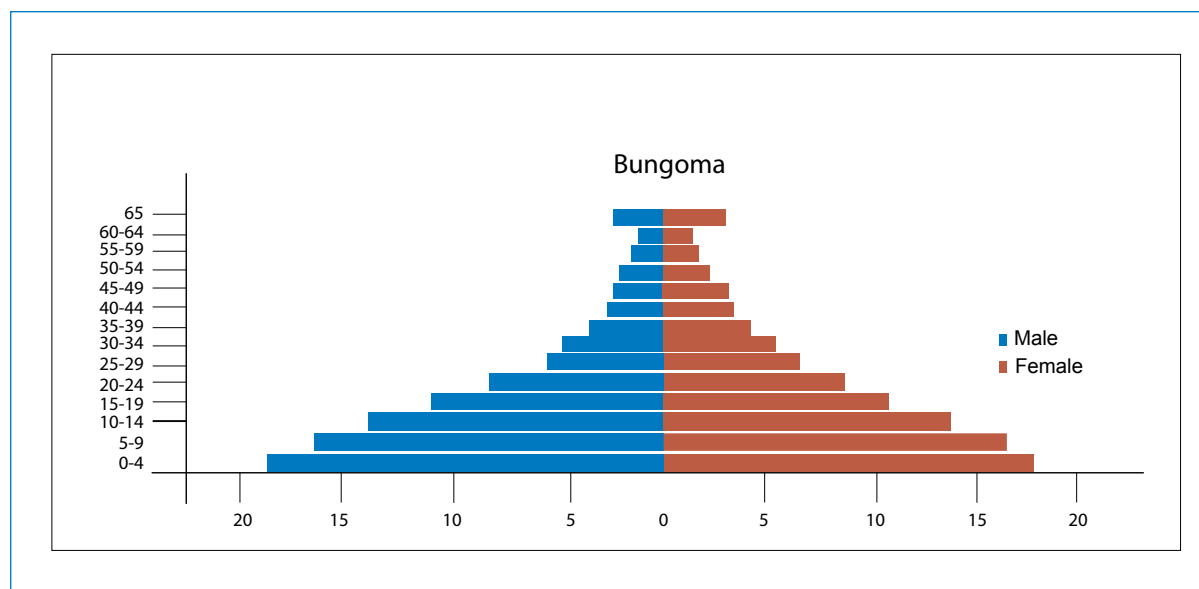


# Bungoma County



## BUNGOMA COUNTY

**Figure 3.1: Bungoma Population Pyramid**



## Population

Bungoma County has a child rich population, where 0-14 year olds constitute 49% of the total population. This is due to high fertility rates among women as shown by the highest percentage household size of 4-6 members at 41%.

## Employment

The 2009 population and housing census covered in brief the labour status as tabulated below. The main variable of interest for inequality discussed in the text is work for pay by level of education. The other variables, notably family business, family agricultural holdings, intern/volunteer, retired/homemaker, fulltime student, incapacitated and no work are tabulated and presented in the annex table 3.3 up to ward level.

**Table 3: Overall Employment by Education Levels in Bungoma County**

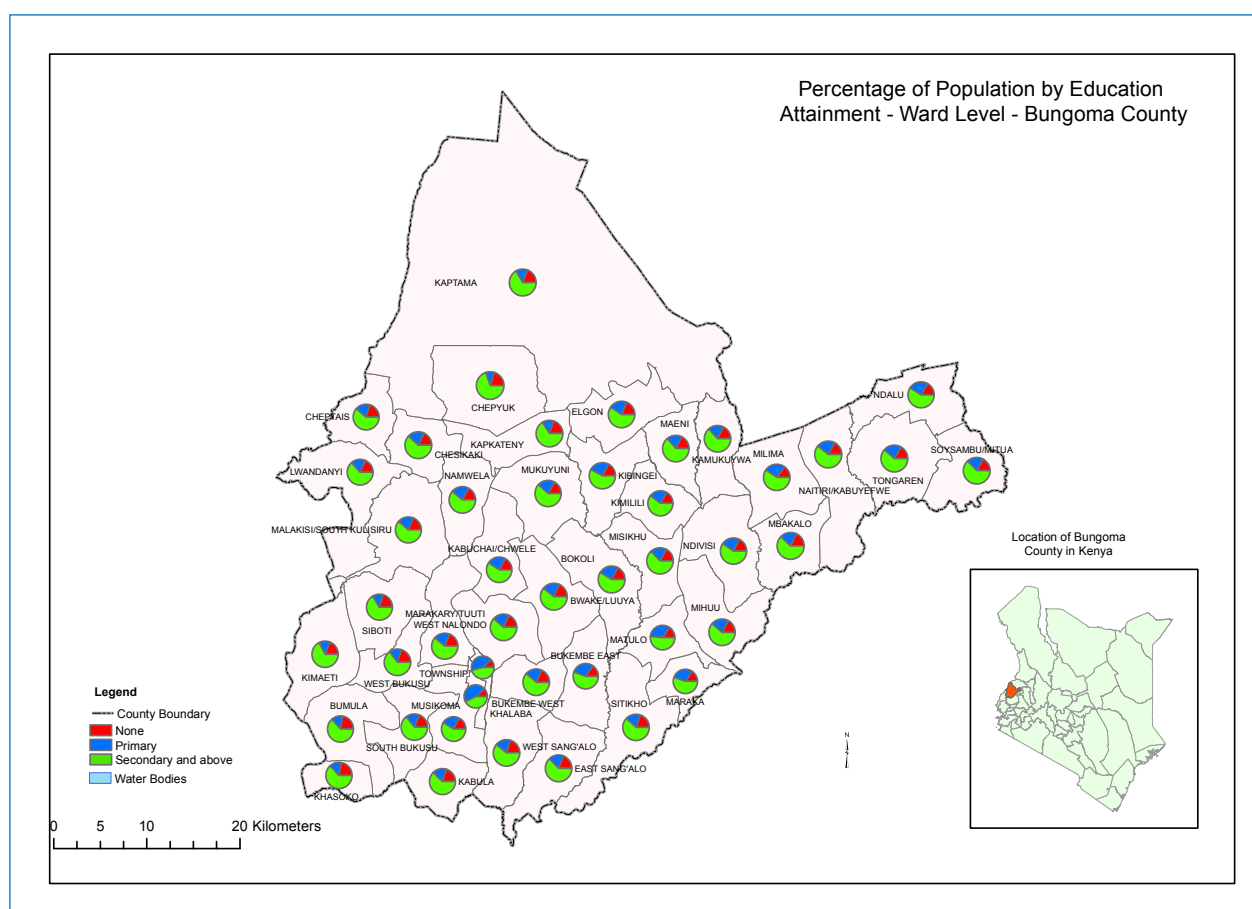
Education Level	Work for pay	Family Business	Family Agricultural Holding	Intern/Volunteer	Retired/ Home-maker	Fulltime Student	Incapacitated	No work	Number of Individuals
<b>Total</b>	13.6	12.0	50.3	1.0	4.1	14.9	0.4	3.7	659,073
<b>None</b>	13.9	12.1	56.6	3.0	5.6	0.8	2.4	5.7	34,346
<b>Primary</b>	10.1	11.3	55.0	0.7	4.2	15.3	0.4	3.1	378,406
<b>Secondary+</b>	18.8	12.9	42.3	1.1	3.9	16.3	0.2	4.5	246,321

In Bungoma County, 14% of the residents with no formal education, 10% of those with primary education and 19% of those with secondary or above level of education are working for pay. Work for pay is highest in Nairobi at 49% and this is thrice the level in Bungoma for those with secondary level of education or above.



## Education

**Figure 3.3: Bungoma County-Percentage of Population by Education attainment by Ward**



Only 21% of Bungoma County residents have secondary education or above. Kanduyi constituency has the highest share of residents with secondary level of education or above at 26%. This is 11 percentage points above Bumula constituency, which has the lowest share of residents with secondary level of education or above. Kanduyi is 5 percentage points above the county average of households with a secondary level of education or above. Township ward has the highest share of residents with a secondary level of education or above at 46%. This is four times Chepyuk ward, which has the lowest share of residents with secondary level of education or above. Township ward is 25 percentage points above the county average of residents with secondary level of education or above.

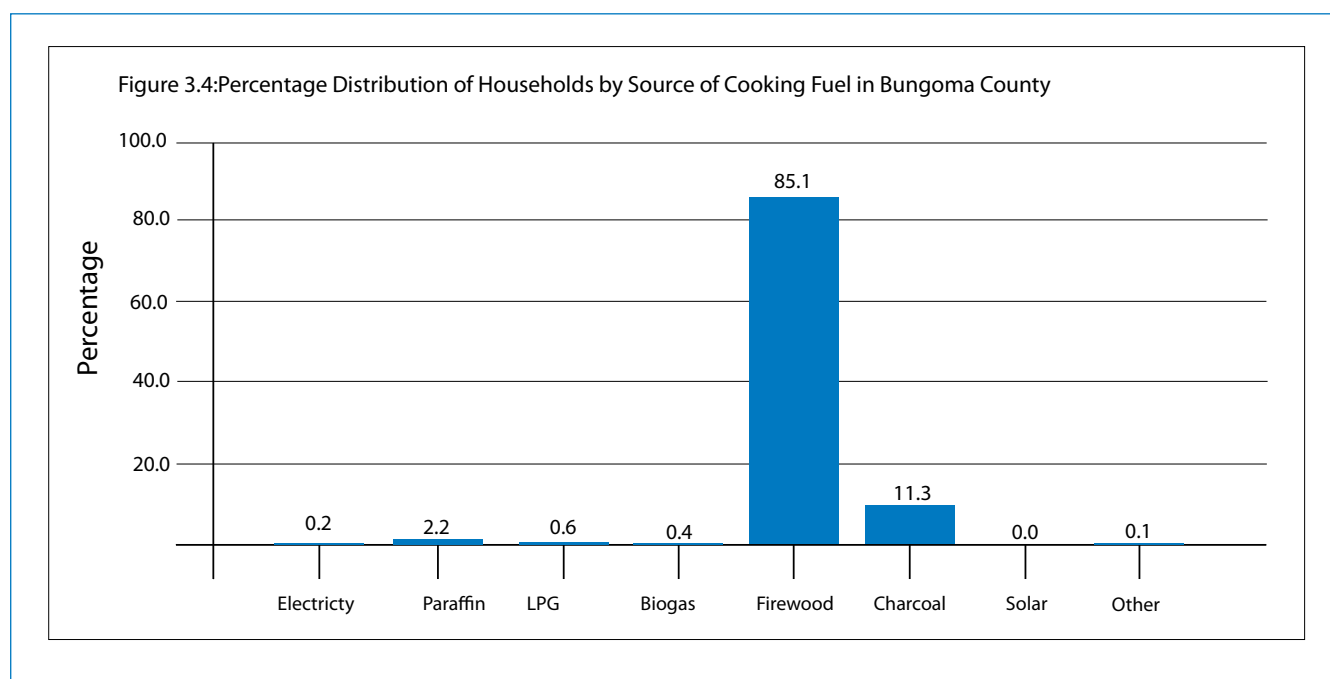
Bungoma County has 61% of residents with only a primary level of education. Bumula Constituency has the highest share of residents with only a primary level of education at 65%. This is 8 percentage points above Kanduyi constituency, which has the lowest share of residents with only a primary level of education. Bumula Constituency is 4 percentage points above the county average of residents with a primary level of education only. Chepyuk ward has the highest share of residents with a primary education only at 70%. This is 27 percentage points above Township ward, which has the lowest share of residents with a primary level of education only. Chepyuk is 9 percentage points above the county average of residents with only a primary level of education.

In Bungoma County, 18% of residents have no formal education. Bumula constituency has the highest share of residents with no formal education at 20%. This is 3 percentage points above Tongaren constituency, which has the lowest share of residents with no formal education. Bumula constituency is thus 2 percentage points above the county average of residents with no formal education. Bumula ward has the highest percentage of residents with no formal education at 23%. This is twice the share of Township ward, which has the lowest percentage of residents with no formal education. Bumula ward is 5 percentage points above the county average of residents with no formal education.

## Energy

### Cooking Fuel

**Figure 3.4: Percentage Distribution of Households by Source of Cooking Fuel in Bungoma County**



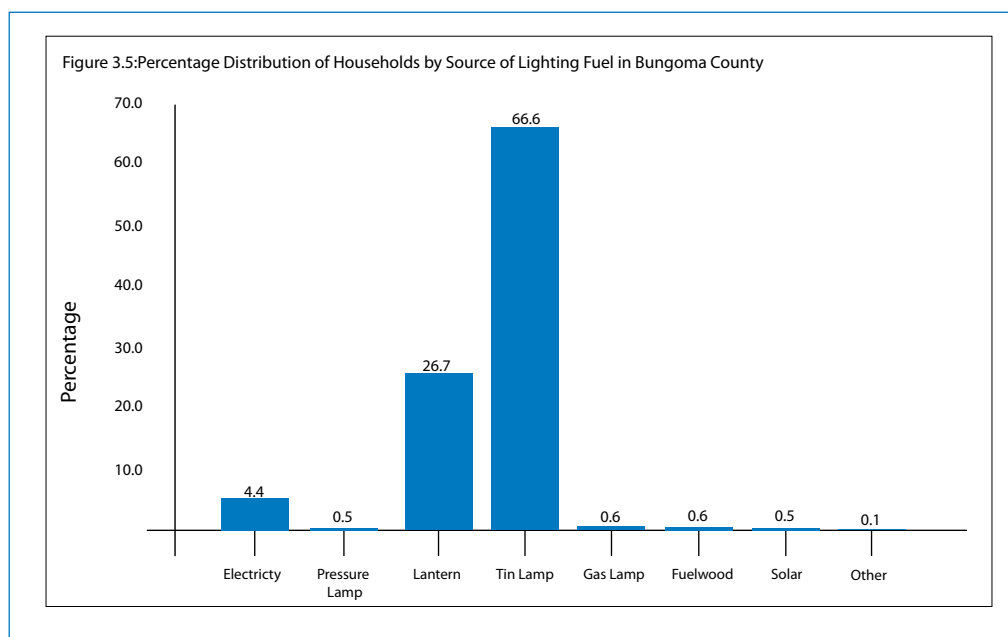
In Bungoma County 1% of residents use liquefied petroleum gas (LPG), 2% use paraffin, 85% use firewood and 11% use charcoal. Firewood is the most common cooking fuel by gender at 85% of male headed households and 86% of female headed households.

Bumula constituency uses the highest level of firewood in Bungoma County at 96%. This is 30 percentage points above the level in Kanduyi constituency, which has the lowest use. Bumula constituency is about 11 percentage points above the county average of residents' use of firewood. South Bukusu ward has the highest level of firewood use in Bungoma County at 98%. This is almost nine times the level in Township ward, which has the lowest usage of firewood. South Bukusu is therefore 13 percentage points above the county average of residents using firewood.

Kanduyi constituency has the highest level of charcoal use in Bungoma County at 26%. This is almost nine times the level of use in Bumula constituency, which has the lowest level of usage. Kanduyi is 15 percentage points above the county average level of charcoal usage. Township ward has the highest level of charcoal use in Bungoma County at 66%. This is 64 percentage points more than South Bukusu, which has the lowest level. Township ward is therefore 55 percentage points above the county average level of charcoal usage.

## Lighting

**Figure 3.5: Percentage Distribution of Households by Source of Lighting Fuel in Bungoma County**



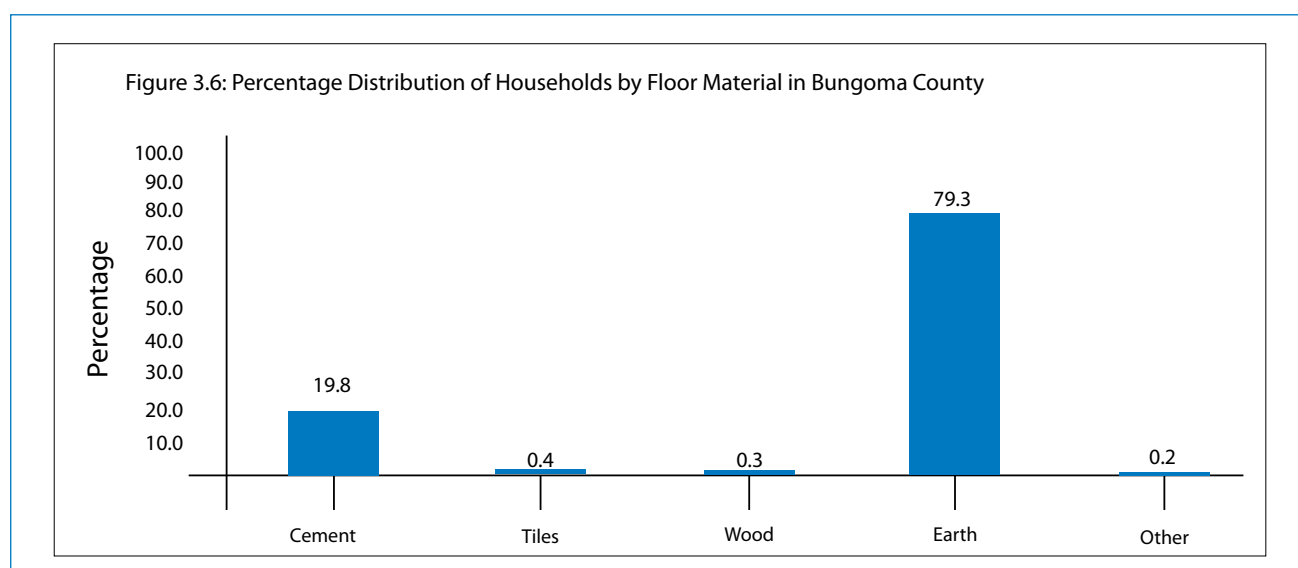
Only 4% of residents in Bungoma County use electricity as their main source of lighting. A further 27% use lanterns, 67% use tin lamps, and 1% use fuel wood. Electricity use is insignificantly higher in male headed households at 5% in comparison with female headed households at 4%.

Kanduyi constituency has the highest level of electricity use at 12%. This is 11 percentage points above Bumula constituency, which has the lowest level of electricity use. The share of Kanduyi constituency in electricity use is 8 percentage points above the county average. Township ward has the highest level of electricity use at 42%. This is 42 percentage points above West Bukusu ward, which has the lowest level of electricity use. Township ward is 38 percentage points above the county average.

## Housing

### Flooring

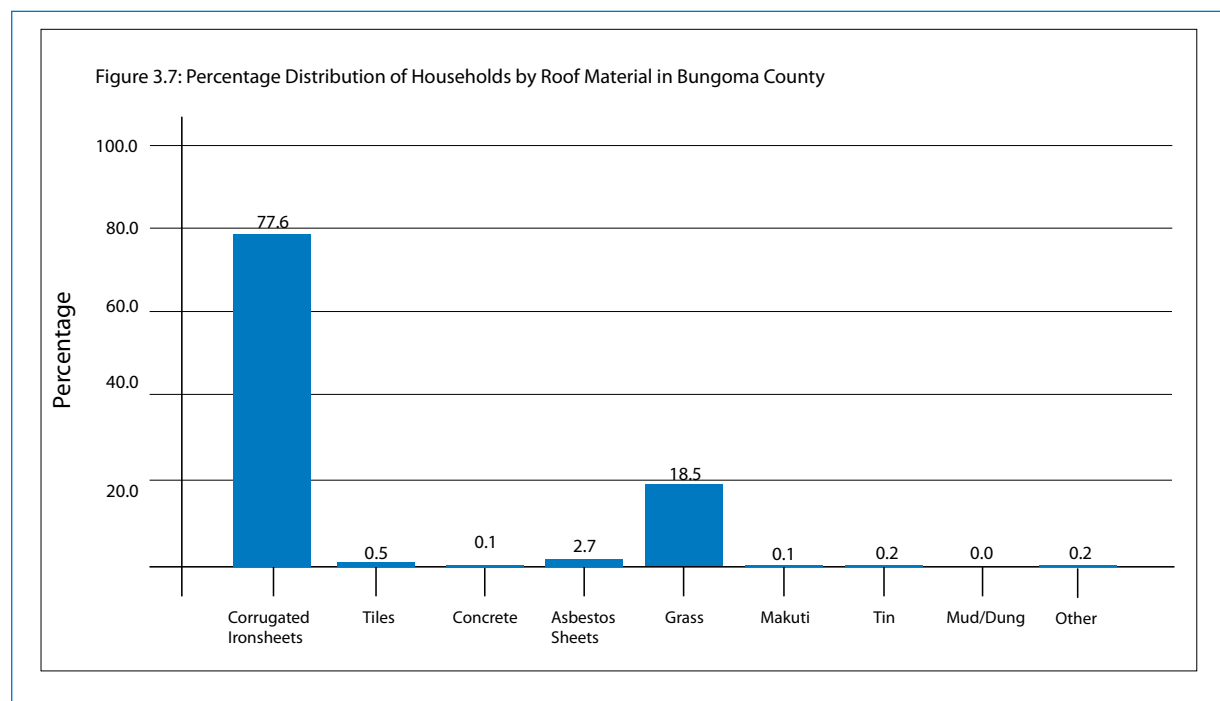
**Figure 3.6: Percentage Distribution of Households by Floor Material in Bungoma County**



Bungoma County has 20% of its residents living in homes with cement floors, while 79% have earth floors. 1% of the residents has wood or tile floors. Kanduyi constituency has the highest share of cement floors at 36%. This is 26 percentage points above Bumula constituency, which has the lowest share of cement floors. Kanduyi, therefore, is 16 percentage points above the county average of households with cement floors. Township ward has the highest share of cement floors at 85%. This puts it 82 percentage points above Chepyuk ward, which has the lowest share of cement floors. Township ward is 65 percentage points above the county average of households with cement floors.

### Roofing

**Figure 3.7: Percentage Distribution of Households by Roof Material in Bungoma County**



Bungoma County has less than 1% of its residents having homes with concrete roofs, while 78% have corrugated iron sheet roofs. Grass and makuti roofs cover 19% of homes, while no houses have mud/dung roofs.

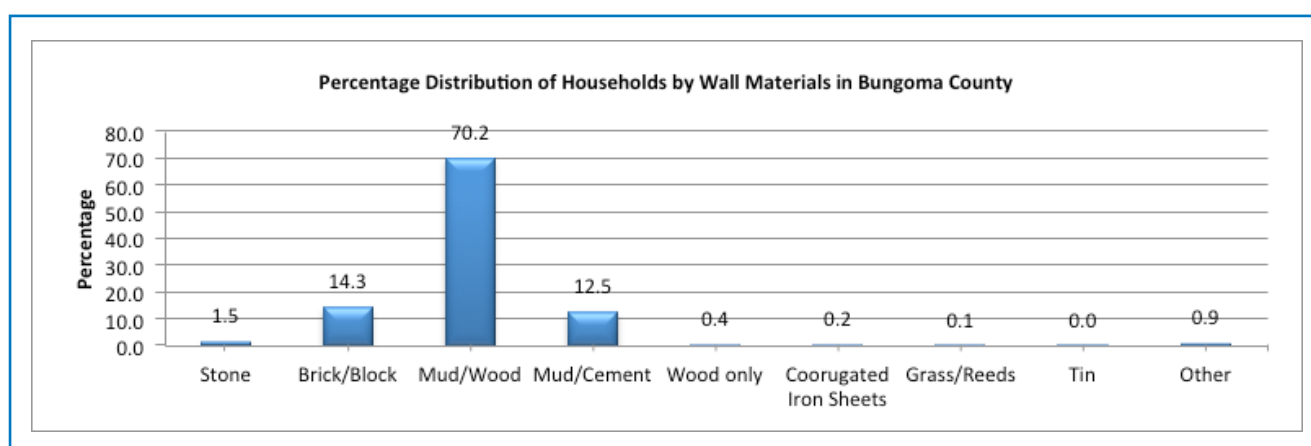
Tongaren constituency has the highest share of corrugated iron sheet roofs at 89%. This puts it 32 percentage points above Bumula constituency, which has the lowest share of corrugated iron sheet roofs. Tongaren constituency is therefore 11 percentage points above the county average. Khalaba ward has the highest share of corrugated iron sheet roofs at 96%. This is twice the share of Chepyuk ward, which has the lowest percentage of corrugated iron sheet roofs. Khalaba ward is 18 percentage points above the county average share of corrugated iron sheet roofs.

Bumula constituency has the highest share of grass/makuti roofs at 40%. This is five times the share of Kimilili constituency which has the lowest percentage of grass/makuti roofs. Bumula constituency is 21 percentage points above the county average of grass/makuti roofing. Chepyuk ward has the highest share of grass/makuti roofs at 55%. This is 55 percentage points above Township ward, which has the lowest share. Chepyuk is therefore 36 percentage points above the county average share of households with grass/makuti roofing.



## Walls

**Figure 3.8: Percentage Distribution of Households by Wall Material in Bungoma County**



Only 16% of homes in Bungoma County have either brick or stone walls, while 83% of homes have mud/wood or mud/cement walls, and less than 1% have wood walls. 1% of residents have corrugated iron walls, grass/thatched walls, tin or other walls.

Kanduyi constituency has the highest share of brick/stone walls at 27%. This is thrice the share of Bumula constituency, which has the lowest share of brick/stone walls. Kanduyi is 11 percentage points above the county average share of households with brick/stone walls. Township ward has the highest share of brick/stone walls at 68%. This is 66 percentage points above Chepyuk ward, which has the lowest share of brick/stone walls. Township ward is 52 percentage points above the county average of the share of households with brick/stone walls.

Bumula constituency has the highest share of mud with wood/cement walls at 92%. This is 20 percentage points above Kanduyi constituency, which has the lowest share of mud with wood/cement. Bumula therefore stands 9 percentage points above the county average share of households having mud with wood/cement walls. Kapkateny ward has the highest share of mud with wood/cement walls at 95%. This is three times Township ward, which has the lowest share of mud with wood/cement walls. Kapkateny ward is 12 percentage points above the county average share of households having mud with wood/cement walls.

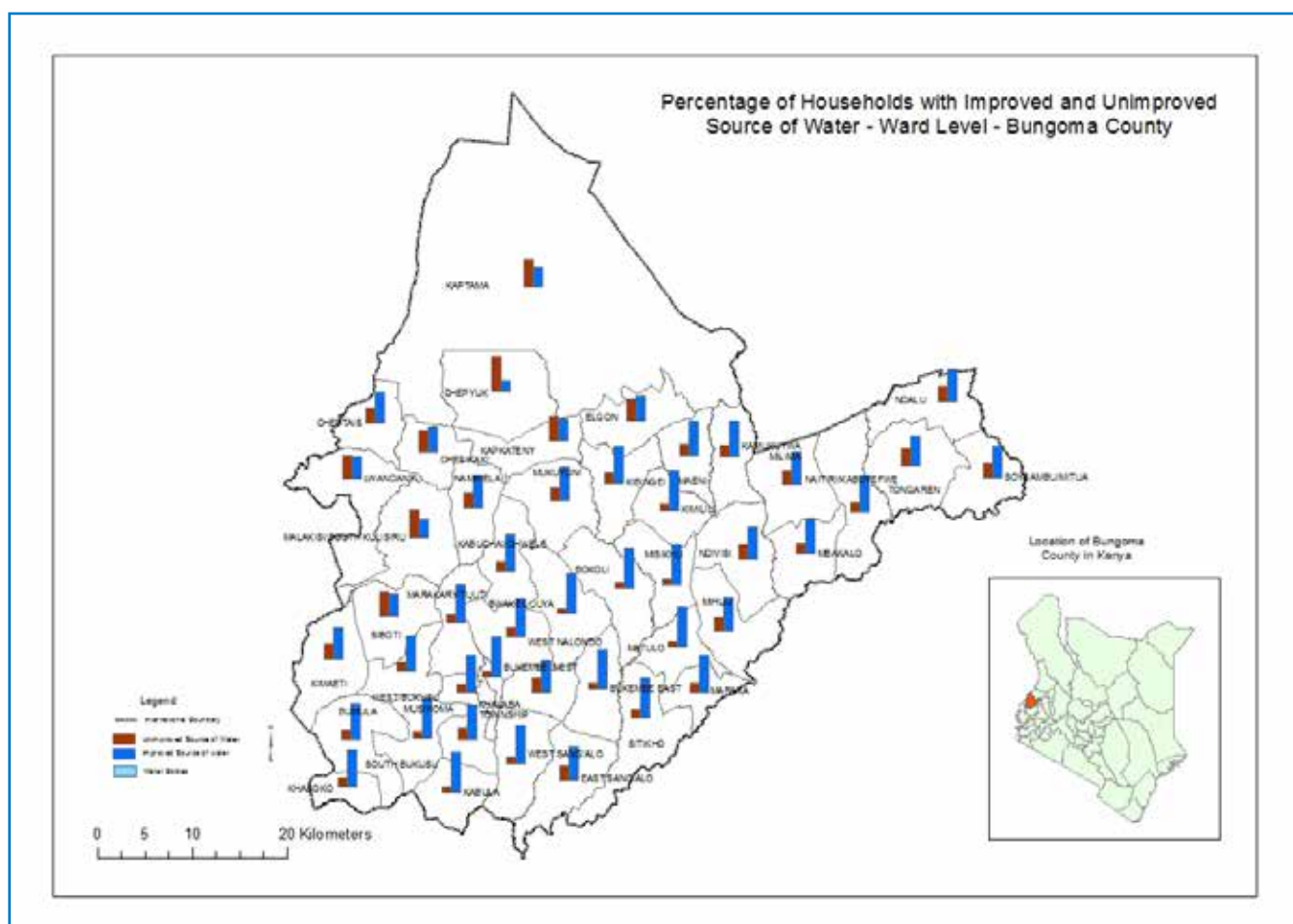
## Water

Improved sources of water comprise of protected spring, protected well, borehole, piped into dwelling, piped and rain water collection while unimproved sources include pond, dam, lake, stream/river, unprotected spring, unprotected well, jabia, water vendor and others.

While 72% of residents in Bungoma County use improved sources of water, the rest rely on unimproved sources. There is no gender differential in the use of improved sources as 72% of both male headed households and female headed households use such facilities.

Webuye West constituency has the highest share of residents using improved sources of water at 87%. This is almost twice Mt. Elgon constituency, which has the lowest share of residents using improved sources of water. Webuye West is therefore 15 percentage points above the county average share of residents using improved sources of water. Bwake/Luuya ward has the highest share of residents using improved sources of water at 89%. This is thrice the share of Chepyuk ward, which has the lowest percentage of households using improved sources of water. Bwake/Luuya is 17 percentage points above the county average share of residents using improved sources of water.

**Figure 3.9: Bungoma County-Percentage of Households with Improved and Unimproved Sources of water by Ward**

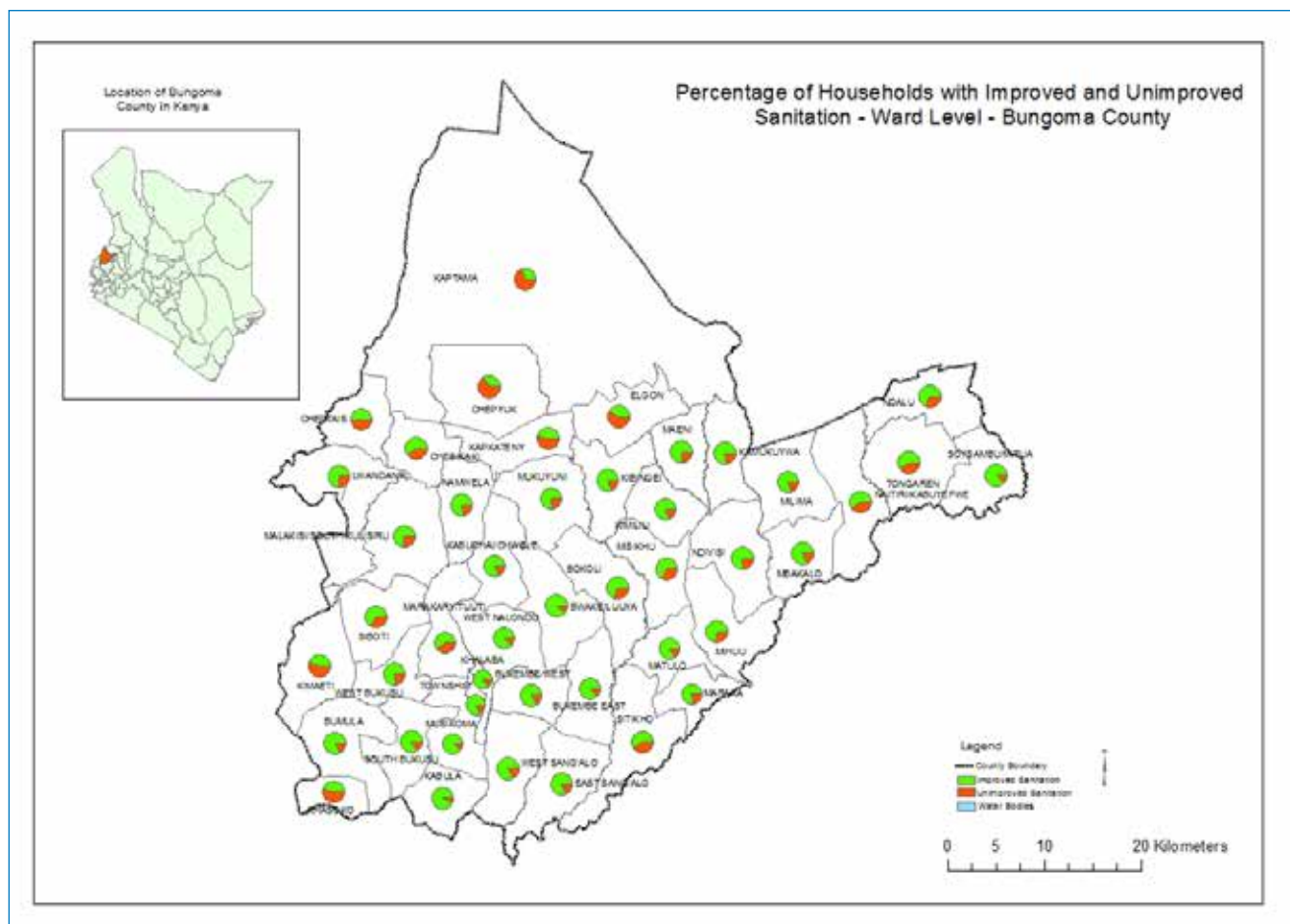


## Sanitation

A total of 72% of residents in Bungoma County use improved sanitation, while the rest use unimproved sanitation. The use of improved sanitation is equal by gender with both male and female headed households having a share of 72% each.

Kabuchai constituency has the highest share of residents using improved sanitation at 84%. This is almost twice the share of Mt. Elgon constituency, which has the lowest share in the use of improved sanitation. Kabuchai is 12 percentage points above the county average. Kabula ward has the highest share of residents using improved sanitation at 92%. That is three times Kaptama ward, which has the lowest share using improved sanitation. Kabula ward is 20 percentage points above the county average share of residents using improved sanitation.

**Figure 3.10: Bungoma County –Percentage of Households with Improved and Unimproved Sanitation by Ward**



## Bungoma County Annex Tables

### 3. BUNGOMA

Table 3.1: Gender, Age group, Demographic Indicators and Households Size by County Constituency and Ward

County Constituency /Ward	Gender		Age group							Demo- graphic indica- tors		Child depen- dency Ratio	aged depen- dency ratio	Portion of HH Members:			
	Total Pop	Male	Female	0-5 yrs	0-14 yrs	10-18 yrs	15-34 yrs	15-64 yrs	65+ yrs					0-3	4-6	7+	total
Kenya	37,919,647	18,787,698	19,131,949	7,035,670	16,346,414	8,293,207	13,329,717	20,249,800	1,323,433	0.982	0.873	0.807	0.065	41.5	38.4	20.1	8,493,380
Rural	26,075,195	12,869,034	13,206,161	5,059,515	12,024,773	6,134,730	8,303,007	12,984,788	1,065,634	0.974	1.008	0.926	0.082	33.2	41.3	25.4	5,239,879
Urban	11,844,452	5,918,664	5,925,788	1,976,155	4,321,641	2,158,477	5,026,710	7,265,012	257,799	0.999	0.630	0.595	0.035	54.8	33.7	11.5	3,253,501
Bungoma County	1,361,390	664,296	697,094	296,752	661,010	313,070	440,210	659,073	41,307	0.953	1.066	1.003	0.063	29.8	40.9	29.3	260,628
Mt Elgon Constituency	171,348	85,465	85,883	38,776	85,569	38,976	54,835	80,684	5,095	0.995	1.124	1.061	0.063	27.1	41.0	31.9	31,587
Cheptais	28,639	14,125	14,514	6,618	13,981	6,292	9,391	13,771	887	0.973	1.080	1.015	0.064	30.9	41.4	27.7	5,634
Chesikaki	23,874	11,724	12,150	5,174	11,573	5,654	7,686	11,398	903	0.965	1.095	1.015	0.079	26.2	43.6	30.2	4,478
Chepyuk	25,329	12,945	12,384	6,045	13,299	5,756	8,182	11,544	486	1.045	1.194	1.152	0.042	20.7	40.0	39.3	4,158
Kapkateny	28,628	14,342	14,286	6,830	14,816	6,413	8,760	13,056	756	1.004	1.193	1.135	0.058	26.8	41.0	32.1	5,268
Kaptama	33,402	16,709	16,693	7,328	16,531	7,559	10,660	15,774	1,097	1.001	1.118	1.048	0.070	25.6	41.2	33.2	6,035
Elgon	31,476	15,620	15,856	6,781	15,369	7,302	10,156	15,141	966	0.985	1.079	1.015	0.064	30.3	39.3	30.4	6,014
Sirisia Constituency	102,040	49,808	52,232	22,248	49,224	23,539	32,272	49,247	3,569	0.954	1.072	1.000	0.072	29.2	42.2	28.6	19,819
Namwela	27,263	13,314	13,949	6,032	13,318	6,238	8,448	12,983	962	0.954	1.100	1.026	0.074	26.2	43.8	30.0	5,168
Malakisi/South Kulisinu	35,001	17,051	17,950	7,715	16,916	7,982	11,039	16,871	1,214	0.950	1.075	1.003	0.072	29.4	42.0	28.7	6,802

Lwandanyi	39,776	19,443	20,333	8,501	18,990	9,319	12,785	19,393	1,393	0.956	1.051	0.979	0.072	30.9	41.4	27.7	7849
Kabuchai Constituency	140,315	68,389	71,926	30,607	67,627	31,516	45,228	67,996	4,692	0.951	1.064	0.995	0.069	29.1	42.7	28.2	27260
Kabuchai/Chwele	35,395	17,065	18,330	7,691	16,851	7,693	11,774	17,509	1,035	0.931	1.022	0.962	0.059	34.4	41.5	24.1	7343
West Nalondo	33,100	16,261	16,839	6,926	15,788	7,544	10,820	16,204	1,108	0.966	1.043	0.974	0.068	27.5	43.2	29.2	6265
Bwake/Luuya	33,935	16,558	17,377	7,558	16,698	7,724	10,855	16,150	1,087	0.953	1.101	1.034	0.067	25.7	42.9	31.4	6327
Mukuyuni	37,885	18,505	19,380	8,432	18,290	8,555	11,779	18,133	1,462	0.955	1.089	1.009	0.081	28.2	43.2	28.6	7325
Bumula Constituency	178,438	85,924	92,514	40,309	88,766	41,493	55,761	83,735	5,937	0.929	1.131	1.060	0.071	28.8	42.3	28.9	34280
South Bukusu	23,132	11,121	12,011	4,893	11,310	5,557	7,445	11,015	807	0.926	1.100	1.027	0.073	26.0	43.3	30.6	4297
Bumula	31,917	15,330	16,587	7,394	16,120	7,355	9,830	14,765	1,032	0.924	1.162	1.092	0.070	29.8	42.1	28.2	6232
Khasoko	13,703	6,497	7,206	3,166	6,900	3,159	4,187	6,389	414	0.902	1.145	1.080	0.065	29.6	42.4	28.0	2640
Kabula	20,704	9,982	10,722	4,506	10,125	4,980	6,612	9,907	672	0.931	1.090	1.022	0.068	29.7	41.5	28.8	4038
Kimaeti	36,520	17,601	18,919	8,371	18,255	8,465	11,224	16,956	1,309	0.930	1.154	1.077	0.077	28.6	42.3	29.1	7044
West Bukusu	19,965	9,666	10,299	4,460	9,875	4,701	6,286	9,434	656	0.939	1.116	1.047	0.070	27.5	42.4	30.0	3768
Siboti	32,497	15,727	16,770	7,519	16,181	7,276	10,177	15,269	1,047	0.938	1.128	1.060	0.069	29.6	42.3	28.1	6261
Kanduyi Constituency	224,273	109,035	115,238	46,326	104,096	50,781	78,723	114,633	5,544	0.946	0.956	0.908	0.048	36.3	38.0	25.7	46059
Bukembe West	20,292	9,971	10,321	4,405	9,955	4,838	6,668	9,778	559	0.966	1.075	1.018	0.057	26.2	40.5	33.4	3663
Bukembe East	25,202	12,526	12,676	5,274	11,716	5,577	8,848	12,909	577	0.988	0.952	0.908	0.045	40.1	36.7	23.1	5505
Township	16,976	8,197	8,779	2,647	6,337	3,691	7,315	10,416	223	0.934	0.630	0.608	0.021	52.9	32.2	14.9	4420
Khalaba	23,951	11,434	12,517	3,998	9,301	5,121	10,269	14,294	356	0.913	0.676	0.651	0.025	51.7	34.8	13.5	6324
Musikoma	37,663	18,602	19,061	7,647	17,101	8,386	13,712	19,695	867	0.976	0.912	0.868	0.044	38.6	39.0	22.4	8169
East SangAlo	32,178	15,557	16,621	7,565	16,339	7,300	10,143	14,867	972	0.936	1.164	1.099	0.065	26.6	42.8	30.6	6073
Marakany/Tuuti	35,001	16,740	18,261	7,688	16,985	7,905	11,245	16,985	1,031	0.917	1.061	1.000	0.061	29.6	40.1	30.3	6591

West SangAlo	33,010	16,008	17,002	7,102	16,362	7,963	10,523	15,689	959	0.942	1.104	1.043	0.061	23.3	36.7	40.0	5314
Webuye East Constituency	100,982	49,561	51,421	21,618	48,356	22,927	32,851	49,476	3,150	0.964	1.041	0.977	0.064	30.3	39.8	29.8	19017
Mihuu	37,734	18,556	19,178	8,185	18,302	8,551	11,888	18,176	1,256	0.968	1.076	1.007	0.069	28.1	42.3	29.6	7187
Ndivisi	39,495	19,203	20,292	8,735	19,317	9,042	12,446	18,842	1,336	0.946	1.096	1.025	0.071	27.2	41.4	31.4	7294
Maraka	23,753	11,802	11,951	4,698	10,737	5,334	8,517	12,458	558	0.988	0.907	0.862	0.045	38.9	33.5	27.6	4536
Webuye West Constituency	126,808	62,070	64,738	27,843	61,058	28,555	41,272	61,901	3,849	0.959	1.049	0.986	0.062	30.5	40.0	29.6	24124
Misikhu	31,338	15,403	15,935	7,027	15,498	7,079	9,562	14,771	1,069	0.967	1.122	1.049	0.072	26.8	40.8	32.4	5751
Stikho	30,047	14,709	15,338	7,023	15,103	6,779	9,369	13,993	951	0.959	1.147	1.079	0.068	26.1	42.0	32.0	5418
Matulo	32,955	16,051	16,904	6,576	14,425	7,134	12,054	17,800	730	0.950	0.851	0.810	0.041	40.8	37.9	21.3	7216
Bokoli	32,468	15,907	16,561	7,217	16,032	7,563	10,287	15,337	1,099	0.961	1.117	1.045	0.072	25.3	39.8	34.9	5739
Kimilili Constituency	130,907	63,434	67,473	28,845	64,052	29,771	41,181	62,767	4,088	0.940	1.086	1.020	0.065	28.8	40.5	30.7	24454
Kibingei	34,247	16,684	17,563	7,334	16,449	7,878	10,847	16,623	1,175	0.950	1.060	0.990	0.071	27.8	42.3	29.9	6460
Kimilili	35,291	16,897	18,394	7,739	16,979	7,868	11,562	17,412	900	0.919	1.027	0.975	0.052	35.9	39.3	24.8	7257
Maeni	24,151	11,777	12,374	5,429	12,078	5,499	7,277	11,247	826	0.952	1.147	1.074	0.073	24.9	41.0	34.1	4306
Kamukuywa	37,218	18,076	19,142	8,343	18,546	8,536	11,495	17,485	1,187	0.944	1.129	1.061	0.068	24.3	39.8	36.0	6431
Tongaren Constituency	186,279	90,610	95,669	40,180	92,262	45,512	58,087	88,634	5,383	0.947	1.102	1.041	0.061	25.5	42.6	31.9	34028
Mbakalo	31,955	15,405	16,550	7,253	16,206	7,735	9,781	14,843	906	0.931	1.153	1.092	0.061	23.5	42.7	33.9	5606
Naitiri/Kabuyefwe	37,856	18,382	19,474	8,338	19,064	9,331	11,575	17,730	1,062	0.944	1.135	1.075	0.060	24.6	42.1	33.3	6799
Milima	33,048	16,092	16,956	6,966	16,136	8,135	10,586	15,994	918	0.949	1.066	1.009	0.057	27.7	42.4	29.9	6273
Ndalu	20,959	10,346	10,613	4,258	9,960	5,094	6,773	10,362	637	0.975	1.023	0.961	0.061	25.7	41.7	32.6	3763
Tongaren	33,771	16,478	17,293	7,264	16,683	8,232	10,455	16,058	1,030	0.953	1.103	1.039	0.064	25.0	43.5	31.5	6170
Soysambu /Mitua	28,690	13,907	14,783	6,101	14,213	6,985	8,917	13,647	830	0.941	1.102	1.041	0.061	26.7	42.9	30.4	5417

**Table 3.2: Employment by County, Constituency and Ward**

County Constituency/ Ward	Work for pay	Family Business	Family Agricultural Holding	Intern/Vol- unteer	Retired/ Homemaker	Fulltime Student	Incapacitated	No work	No. of Individuals
Kenya	23.7	13.1	32.0	1.1	9.2	12.8	0.5	7.7	20,249,800
Rural	15.6	11.2	43.5	1.0	8.8	13.0	0.5	6.3	12,984,788
Urban	38.1	16.4	11.4	1.3	9.9	12.2	0.3	10.2	7,265,012
Bungoma County	13.6	12.0	50.3	1.0	4.1	14.9	0.4	3.7	659,073
Mt Elgon Constituency	9.5	9.1	68.2	0.8	2.3	8.0	0.3	1.8	80,684
Cheptais	9.1	10.1	68.2	0.9	1.2	8.0	0.3	2.3	13,771
Chesikaki	6.6	9.4	69.9	0.4	1.4	9.7	0.4	2.4	11,398
Chepyuk	8.8	8.5	77.8	1.1	0.4	2.4	0.2	0.9	11,544
Kapkateny	5.8	10.4	77.2	0.6	1.6	3.4	0.3	0.8	13,056
Kaptama	9.6	9.0	63.7	0.7	2.6	11.9	0.3	2.3	15,774
Elgon	15.5	7.5	56.5	1.2	5.8	11.0	0.3	2.1	15,141
Sirisia Constituency	7.5	6.3	69.4	1.0	1.4	11.3	0.4	2.7	49,247
Namwela	6.8	5.8	72.3	1.8	1.1	7.3	0.4	4.7	12,983
Malakisi/South Kulisiru	8.5	5.0	67.3	0.7	2.5	14.0	0.4	1.7	16,871
Lwandanyi	7.1	7.9	69.2	0.7	0.7	11.7	0.4	2.3	19,393
Kabuchai Constituency	11.2	11.6	58.1	0.8	1.4	14.2	0.4	2.2	67,996
Kabuchai/Chwele	13.7	20.2	46.2	0.9	2.2	13.3	0.5	3.2	17,509
West Nalondo	13.6	8.3	60.2	0.7	1.7	13.1	0.4	2.0	16,204
Bwake/Luuya	9.5	8.4	60.9	0.9	0.8	17.6	0.3	1.6	16,150
Mukuyuni	8.2	9.1	65.1	0.9	0.9	13.2	0.5	2.1	18,133
Bumula Constituency	10.3	8.8	63.1	0.7	2.9	11.3	0.5	2.5	83,735
South Bukusu	10.0	10.3	63.8	0.6	2.9	9.2	0.4	2.8	11,015
Bumula	11.9	8.6	61.5	0.7	2.7	11.6	0.6	2.6	14,765
Khasoko	14.7	11.0	50.1	0.9	2.0	16.7	0.8	3.9	6,389
Kabula	17.7	7.5	49.1	0.6	7.1	15.2	0.6	2.3	9,907
Kimaeti	7.2	9.4	62.2	0.8	3.8	13.2	0.7	2.8	16,956
West Bukusu	8.3	13.1	65.6	0.9	1.4	8.7	0.3	1.9	9,434
Siboti	6.9	4.5	78.1	0.6	0.8	7.3	0.3	1.5	15,269
Kanduyi Constituency	20.5	15.3	37.3	1.4	4.2	14.3	0.4	6.7	114,633
Bukembe West	15.0	11.2	46.9	1.0	3.3	18.4	0.5	3.8	9,778



Bukembe East	23.6	14.9	33.1	1.3	4.8	15.0	0.3	7.0	12,909
Township	36.1	22.2	9.9	2.4	4.7	12.6	0.2	11.9	10,416
Khalaba	36.9	18.4	10.7	1.8	7.2	15.7	0.3	9.1	14,294
Musikoma	22.8	17.3	30.0	1.6	5.9	12.9	0.3	9.3	19,695
East SangAlo	8.8	10.7	61.4	1.0	1.0	12.9	0.4	3.9	14,867
Marakary/Tuuti	14.1	18.7	41.0	1.1	3.5	15.1	0.3	6.4	16,985
West SangAlo	11.6	9.0	59.2	1.4	2.5	12.9	1.0	2.3	15,689
Webuye East Constituency	16.8	13.3	43.4	0.9	4.2	15.5	0.5	5.3	49,476
Mihuu	15.8	12.3	48.3	0.9	3.5	13.1	0.5	5.8	18,176
Ndivisi	13.1	13.6	47.7	0.8	4.2	16.1	0.6	4.0	18,842
Maraka	24.0	14.2	29.7	1.0	5.4	18.4	0.6	6.7	12,458
Webuye West Constituency	14.9	14.4	46.7	0.8	3.8	15.2	0.4	3.8	61,901
Misikhu	10.4	13.0	53.5	0.8	3.1	14.4	0.2	4.6	14,771
Sitikho	11.9	10.4	58.3	0.7	1.5	14.8	0.5	2.0	13,993
Matulo	22.4	20.3	30.4	1.1	5.7	13.9	0.3	6.0	17,800
Bokoli	13.5	12.5	48.7	0.6	4.2	18.1	0.4	2.0	15,337
Kimilili Constituency	13.2	16.2	38.9	0.8	6.0	21.8	0.3	2.8	62,767
Kibingei	14.7	12.0	42.0	0.9	4.5	22.1	0.3	3.5	16,623
Kimilili	16.1	19.5	33.0	0.7	7.5	19.6	0.2	3.4	17,412
Maeni	8.5	13.2	47.5	0.5	6.1	22.6	0.4	1.3	11,247
Kamukuywa	12.0	18.6	36.4	0.8	6.0	23.2	0.4	2.5	17,485
Tongaren Constituency	14.2	11.3	36.9	1.2	9.4	22.5	0.4	4.2	88,634
Mbakalo	9.8	10.1	43.2	0.7	9.6	22.4	0.6	3.7	14,843
Naitiri/Kabuyefwe	13.8	11.7	30.5	1.1	13.6	23.5	0.5	5.3	17,730
Milima	14.9	12.6	31.8	0.8	10.3	24.9	0.3	4.4	15,994
Ndal	17.2	9.8	43.8	2.1	6.6	17.1	0.4	2.9	10,362
Tongaren	13.6	10.6	40.3	1.4	5.3	23.6	0.4	4.9	16,058
Soysambu/Mitua	16.9	12.2	35.1	1.2	9.4	21.6	0.5	3.2	13,647

**Table 3.3: Employment and Education Levels by County, Constituency and Ward**

County/constituency/ Ward	Education Total level	Work for pay	Family Business	Family Agricultural Holding	Intern/ Volun- teer	Retired/ Home- maker	Fulltime Student	Incapaci- tated	No work	No. of Individuals
Kenya	Total	23.7	13.1	32.0	1.1	9.2	12.8	0.5	7.7	20,249,800
Kenya	None	11.1	14.0	44.4	1.7	14.7	0.8	1.2	12.1	3,154,356
Kenya	Primary	20.7	12.6	37.3	0.8	9.6	12.1	0.4	6.5	9,528,270
Kenya	Secondary+	32.7	13.3	20.2	1.2	6.6	18.6	0.2	7.3	7,567,174
Rural	Total	15.6	11.2	43.5	1.0	8.8	13.0	0.5	6.3	12,984,788
Rural	None	8.5	13.6	50.0	1.4	13.9	0.7	1.2	10.7	2,614,951
Rural	Primary	15.5	10.8	45.9	0.8	8.4	13.2	0.5	5.0	6,785,745
Rural	Secondary+	21.0	10.1	34.3	1.0	5.9	21.9	0.3	5.5	3,584,092
Urban	Total	38.1	16.4	11.4	1.3	9.9	12.2	0.3	10.2	7,265,012
Urban	None	23.5	15.8	17.1	3.1	18.7	1.5	1.6	18.8	539,405
Urban	Primary	33.6	16.9	16.0	1.0	12.3	9.5	0.4	10.2	2,742,525
Urban	Secondary+	43.2	16.1	7.5	1.3	7.1	15.6	0.2	9.0	3,983,082
Bungoma	Total	13.6	12.0	50.3	1.0	4.1	14.9	0.4	3.7	659,073
Bungoma	None	13.9	12.1	56.6	3.0	5.6	0.8	2.4	5.7	34,346
Bungoma	Primary	10.1	11.3	55.0	0.7	4.2	15.3	0.4	3.1	378,406
Bungoma	Secondary+	18.8	12.9	42.3	1.1	3.9	16.3	0.2	4.5	246,321
Mt Elgon Constituency	Total	9.5	9.1	68.2	0.8	2.3	8.0	0.3	1.8	80,684
Mt Elgon Constituency	None	10.7	11.2	68.1	2.1	3.7	0.4	1.7	2.2	4,642
Mt Elgon Constituency	Primary	6.8	8.4	72.2	0.7	2.2	8.0	0.2	1.5	51,790
Mt Elgon Constituency	Secondary+	14.9	10.2	59.6	0.9	2.3	9.5	0.1	2.5	24,252
Cheptais Ward	Total	9.1	10.1	68.2	0.9	1.2	8.0	0.3	2.3	13,771
Cheptais Ward	None	9.3	10.2	71.1	2.0	1.6	0.7	1.4	3.7	862
Cheptais Ward	Primary	6.0	8.6	73.9	0.6	1.2	7.9	0.2	1.6	8,365
Cheptais Ward	Secondary+	14.8	13.0	57.1	1.1	1.0	9.6	0.1	3.3	4,544
Chesikaki Ward	Total	6.6	9.4	69.9	0.4	1.4	9.7	0.4	2.4	11,398
Chesikaki Ward	None	12.6	7.8	70.2	1.9	1.9	0.4	3.1	2.1	523
Chesikaki Ward	Primary	3.9	8.4	73.0	0.3	1.4	10.5	0.4	2.1	6,768
Chesikaki Ward	Secondary+	10.2	11.2	64.6	0.3	1.3	9.5	0.1	2.8	4,107
Chepyuk Ward	Total	8.8	8.5	77.8	1.1	0.4	2.4	0.2	0.9	11,544
Chepyuk Ward	None	9.9	11.7	73.2	2.4	1.0	0.1	0.5	1.1	788
Chepyuk Ward	Primary	7.7	8.2	79.1	1.0	0.4	2.5	0.2	0.9	8,550
Chepyuk Ward	Secondary+	12.7	8.6	74.5	0.7	0.2	2.5	0.1	0.8	2,206
Kapkateny Ward	Total	5.8	10.4	77.2	0.6	1.6	3.4	0.3	0.8	13,056
Kapkateny Ward	None	5.5	22.5	65.3	1.9	2.8	-	1.3	0.8	784

Kapkateny Ward	Primary	3.9	9.6	79.9	0.5	1.6	3.7	0.2	0.7	8,862
Kapkateny Ward	Secondary+	11.1	9.4	72.8	0.6	1.4	3.3	0.2	1.1	3,410
Kaptama Ward	Total	9.6	9.0	63.7	0.7	2.6	11.9	0.3	2.3	15,774
Kaptama Ward	None	10.2	7.8	66.0	2.1	7.7	0.5	2.4	3.5	926
Kaptama Ward	Primary	7.1	8.2	66.9	0.5	2.7	12.7	0.2	1.7	10,753
Kaptama Ward	Secondary+	16.1	11.4	54.7	0.8	1.2	12.3	0.1	3.4	4,095
Elgon Ward	Total	15.5	7.5	56.5	1.2	5.8	11.0	0.3	2.1	15,141
Elgon Ward	None	17.9	6.7	63.1	2.2	6.3	0.4	1.7	1.6	759
Elgon Ward	Primary	11.9	7.4	61.7	1.1	5.5	10.3	0.3	1.9	8,492
Elgon Ward	Secondary+	20.4	7.8	48.3	1.2	6.1	13.5	0.2	2.5	5,890
Sirisia Constituency	Total	7.5	6.3	69.4	1.0	1.4	11.3	0.4	2.7	49,247
Sirisia Constituency	None	9.2	5.8	75.1	2.8	1.5	0.6	2.5	2.6	2,331
Sirisia Constituency	Primary	4.9	5.7	72.5	0.6	1.5	12.2	0.3	2.3	29,583
Sirisia Constituency	Secondary+	11.8	7.5	63.3	1.3	1.3	11.2	0.2	3.5	17,333
Namwela Ward	Total	6.8	5.8	72.3	1.8	1.1	7.3	0.4	4.7	12,983
Namwela Ward	None	10.6	5.6	70.6	4.7	1.1	0.7	2.7	4.0	445
Namwela Ward	Primary	4.4	5.2	74.7	1.2	1.1	8.2	0.4	4.9	7,448
Namwela Ward	Secondary+	9.9	6.7	69.0	2.3	0.9	6.5	0.1	4.5	5,090
Malakisi/South Kulisiru Ward	Total	8.5	5.0	67.3	0.7	2.5	14.0	0.4	1.7	16,871
Malakisi/South Kulisiru Ward	None	9.4	5.4	72.9	2.0	3.3	0.4	3.3	3.3	735
Malakisi/South Kulisiru Ward	Primary	5.5	4.4	69.9	0.4	2.6	15.9	0.3	1.2	10,128
Malakisi/South Kulisiru Ward	Secondary+	13.6	5.9	62.4	1.0	2.1	12.5	0.3	2.4	6,008
Lwandanyi Ward	Total	7.1	7.9	69.2	0.7	0.7	11.7	0.4	2.3	19,393
Lwandanyi Ward	None	8.5	6.0	78.2	2.5	0.6	0.8	1.8	1.6	1,151
Lwandanyi Ward	Primary	4.7	7.1	73.4	0.4	0.7	11.7	0.4	1.6	12,007
Lwandanyi Ward	Secondary+	11.5	9.7	59.5	0.9	0.7	13.8	0.2	3.7	6,235
Kabuchai Constituency	Total	11.2	11.6	58.1	0.8	1.4	14.2	0.4	2.2	67,996
Kabuchai Constituency	None	13.1	12.2	61.1	3.7	1.9	0.8	2.4	4.8	2,789
Kabuchai Constituency	Primary	8.7	11.1	60.4	0.6	1.5	15.5	0.4	1.9	39,262
Kabuchai Constituency	Secondary+	14.9	12.3	54.2	0.9	1.2	13.8	0.2	2.4	25,945
Kabuchai/Chwele Ward	Total	13.7	20.2	46.2	0.9	2.2	13.3	0.5	3.2	17,509

Kabuchai/Chwele Ward	None	15.0	22.6	46.1	2.8	2.6	0.4	2.5	8.0	687
Kabuchai/Chwele Ward	Primary	10.2	19.4	48.7	0.7	2.4	15.1	0.5	3.0	9,665
Kabuchai/Chwele Ward	Secondary+	18.3	21.0	42.8	1.0	1.8	12.0	0.3	2.9	7,157
West Nalondo Ward	Total	13.6	8.3	60.2	0.7	1.7	13.1	0.4	2.0	16,204
West Nalondo Ward	None	13.0	7.4	69.3	3.0	1.8	0.7	2.3	2.6	844
West Nalondo Ward	Primary	11.6	8.1	63.4	0.4	1.7	13.0	0.4	1.5	9,616
West Nalondo Ward	Secondary+	17.1	8.9	53.7	0.7	1.6	15.1	0.2	2.7	5,744
Bwake/Luuya Ward	Total	9.5	8.4	60.9	0.9	0.8	17.6	0.3	1.6	16,150
Bwake/Luuya Ward	None	12.6	10.4	61.6	5.4	1.4	1.6	1.7	5.3	701
Bwake/Luuya Ward	Primary	7.5	8.1	62.1	0.4	0.8	19.4	0.3	1.3	9,380
Bwake/Luuya Ward	Secondary+	12.1	8.6	58.9	1.0	0.7	16.8	0.1	1.7	6,069
Mukuyuni Ward	Total	8.2	9.1	65.1	0.9	0.9	13.2	0.5	2.1	18,133
Mukuyuni Ward	None	11.5	9.0	66.4	3.6	1.8	0.5	3.4	3.8	557
Mukuyuni Ward	Primary	5.6	8.9	66.9	0.8	0.9	14.7	0.5	1.8	10,601
Mukuyuni Ward	Secondary+	12.0	9.4	62.3	0.9	0.8	12.0	0.3	2.4	6,975
Bumula Constituency	Total	10.3	8.8	63.1	0.7	2.9	11.3	0.5	2.5	83,735
Bumula Constituency	None	10.7	9.0	67.8	2.7	4.1	0.4	2.5	2.8	5,787
Bumula Constituency	Primary	8.5	8.7	65.4	0.5	3.0	11.5	0.4	2.1	55,310
Bumula Constituency	Secondary+	14.4	9.1	56.2	0.8	2.4	13.6	0.3	3.3	22,638
South Bukusu Ward	Total	10.0	10.3	63.8	0.6	2.9	9.2	0.4	2.8	11,015
South Bukusu Ward	None	8.7	9.3	67.3	2.3	5.9	0.1	2.7	3.7	710
South Bukusu Ward	Primary	8.2	10.6	65.6	0.5	3.0	9.1	0.3	2.7	6,896
South Bukusu Ward	Secondary+	13.9	10.1	59.3	0.4	2.1	11.2	0.2	2.8	3,409
Bumula Ward	Total	11.9	8.6	61.5	0.7	2.7	11.6	0.6	2.6	14,765
Bumula Ward	None	10.5	10.2	69.8	1.9	2.4	0.5	2.9	1.9	1,112
Bumula Ward	Primary	10.6	8.6	62.6	0.5	2.7	12.2	0.5	2.3	9,788
Bumula Ward	Secondary+	15.5	8.1	56.3	0.9	2.5	13.1	0.1	3.5	3,865
Khasoko Ward	Total	14.7	11.0	50.1	0.9	2.0	16.7	0.8	3.9	6,389
Khasoko Ward	None	16.7	9.4	60.7	1.7	2.2	0.6	2.8	6.0	648
Khasoko Ward	Primary	12.8	11.2	50.4	0.5	2.0	18.6	0.6	3.8	4,013
Khasoko Ward	Secondary+	18.3	11.1	45.4	1.3	2.0	18.1	0.4	3.5	1,728

Kabula Ward	Total	17.7	7.5	49.1	0.6	7.1	15.2	0.6	2.3	9,907
Kabula Ward	None	16.4	7.9	56.9	2.8	11.1	0.3	2.5	2.2	684
Kabula Ward	Primary	17.1	7.3	51.6	0.4	7.4	14.3	0.5	1.4	6,135
Kabula Ward	Secondary+	19.1	7.8	42.3	0.6	5.5	20.1	0.4	4.2	3,088
Kimaeti Ward	Total	7.2	9.4	62.2	0.8	3.8	13.2	0.7	2.8	16,956
Kimaeti Ward	None	9.0	9.4	66.0	3.4	5.3	0.5	3.4	3.1	1,046
Kimaeti Ward	Primary	5.3	9.1	64.6	0.5	4.0	13.6	0.5	2.4	11,701
Kimaeti Ward	Secondary+	11.9	10.2	54.6	0.9	2.8	15.4	0.5	3.7	4,209
West Bukusu Ward	Total	8.3	13.1	65.6	0.9	1.4	8.7	0.3	1.9	9,434
West Bukusu Ward	None	7.4	16.1	66.3	3.3	2.1	0.7	1.7	2.6	584
West Bukusu Ward	Primary	6.4	12.7	68.3	0.5	1.5	8.9	0.2	1.5	6,252
West Bukusu Ward	Secondary+	12.9	13.3	58.7	1.2	1.0	10.0	0.0	2.9	2,598
Siboti Ward	Total	6.9	4.5	78.1	0.6	0.8	7.3	0.3	1.5	15,269
Siboti Ward	None	8.5	3.3	80.6	3.5	1.2	0.4	1.5	1.1	1,003
Siboti Ward	Primary	5.1	4.4	80.7	0.4	0.8	7.2	0.2	1.2	10,525
Siboti Ward	Secondary+	11.7	5.0	70.0	0.6	0.7	9.4	0.3	2.4	3,741
Kanduyi Constituency	Total	20.5	15.3	37.3	1.4	4.2	14.3	0.4	6.7	114,633
Kanduyi Constituency	None	16.8	15.5	46.2	3.6	5.1	0.8	1.8	10.3	7,657
Kanduyi Constituency	Primary	15.1	15.0	44.1	1.0	4.2	14.5	0.4	5.8	57,581
Kanduyi Constituency	Secondary+	27.5	15.6	27.9	1.6	4.0	16.1	0.2	7.2	49,395
Bukembe West Ward	Total	15.0	11.2	46.9	1.0	3.3	18.4	0.5	3.8	9,778
Bukembe West Ward	None	11.6	10.0	62.0	1.4	7.6	0.4	4.5	2.5	490
Bukembe West Ward	Primary	13.0	11.1	48.9	0.7	3.2	19.3	0.4	3.5	5,631
Bukembe West Ward	Secondary+	18.5	11.4	41.9	1.3	2.8	19.5	0.2	4.5	3,657
Bukembe East Ward	Total	23.6	14.9	33.1	1.3	4.8	15.0	0.3	7.0	12,909
Bukembe East Ward	None	18.0	18.4	39.7	4.9	9.4	1.2	2.5	5.9	511
Bukembe East Ward	Primary	17.0	15.1	37.9	1.0	5.7	16.0	0.3	7.0	6,123
Bukembe East Ward	Secondary+	30.5	14.4	27.9	1.3	3.5	15.2	0.1	7.1	6,275
Township Ward	Total	36.1	22.2	9.9	2.4	4.7	12.6	0.2	11.9	10,416
Township Ward	None	39.0	23.0	12.5	6.8	6.0	1.3	0.7	10.7	600
Township Ward	Primary	28.4	25.1	11.7	1.8	6.5	12.2	0.3	13.9	2,929

Township Ward	Secondary+	39.1	20.9	8.9	2.3	3.9	13.8	0.1	11.1	6,887
Khalaba Ward	Total	36.9	18.4	10.7	1.8	7.2	15.7	0.3	9.1	14,294
Khalaba Ward	None	31.7	23.5	13.4	3.7	10.7	2.8	1.5	12.7	599
Khalaba Ward	Primary	32.0	19.4	13.9	1.7	9.3	13.9	0.4	9.4	4,724
Khalaba Ward	Secondary+	39.8	17.5	8.8	1.7	5.9	17.5	0.2	8.6	8,971
Musikoma Ward	Total	22.8	17.3	30.0	1.6	5.9	12.9	0.3	9.3	19,695
Musikoma Ward	None	18.1	13.2	34.5	4.2	6.8	0.4	1.1	21.7	1,714
Musikoma Ward	Primary	19.7	17.1	35.1	1.1	6.0	13.0	0.3	7.8	10,371
Musikoma Ward	Secondary+	28.0	18.4	22.1	1.7	5.6	15.6	0.1	8.5	7,610
East Sangalo Ward	Total	8.8	10.7	61.4	1.0	1.0	12.9	0.4	3.9	14,867
East Sangalo Ward	None	8.9	11.9	66.8	2.4	0.7	0.5	1.7	7.1	1,123
East Sangalo Ward	Primary	7.0	10.2	64.1	0.8	1.0	13.2	0.4	3.4	8,987
East Sangalo Ward	Secondary+	12.2	11.6	55.1	1.0	1.0	15.1	0.2	4.0	4,757
Marakary/Tuuti Ward	Total	14.1	18.7	41.0	1.1	3.5	15.1	0.3	6.4	16,985
Marakary/Tuuti Ward	None	13.1	19.3	51.1	2.3	2.8	0.7	2.2	8.5	1,196
Marakary/Tuuti Ward	Primary	10.0	20.1	44.4	0.8	3.3	15.6	0.2	5.6	9,926
Marakary/Tuuti Ward	Secondary+	21.0	16.1	33.1	1.3	4.0	17.2	0.1	7.2	5,863
West Sangalo Ward	Total	11.6	9.0	59.2	1.4	2.5	12.9	1.0	2.3	15,689
West Sangalo Ward	None	10.4	11.9	64.9	3.7	3.6	0.4	1.7	3.5	1,424
West Sangalo Ward	Primary	10.1	8.6	61.9	0.8	2.4	13.3	1.1	2.0	8,890
West Sangalo Ward	Secondary+	14.4	9.0	53.3	1.8	2.5	15.7	0.9	2.4	5,375
Webuye East Constituency	Total	16.8	13.3	43.4	0.9	4.2	15.5	0.5	5.3	49,476
Webuye East Constituency	None	16.4	12.2	48.1	3.4	5.5	1.3	3.7	9.3	1,980
Webuye East Constituency	Primary	13.5	13.1	47.5	0.7	4.3	15.9	0.5	4.6	26,795
Webuye East Constituency	Secondary+	21.1	13.6	37.6	1.0	4.0	16.5	0.3	5.9	20,701
Mihuu Ward	Total	15.8	12.3	48.3	0.9	3.5	13.1	0.5	5.8	18,176
Mihuu Ward	None	16.7	12.8	45.1	3.6	5.6	1.0	2.8	12.5	714
Mihuu Ward	Primary	13.2	12.6	52.0	0.7	3.3	12.9	0.4	4.9	10,516
Mihuu Ward	Secondary+	19.6	11.9	42.9	1.0	3.6	14.5	0.3	6.3	6,946
Ndivisi Ward	Total	13.1	13.6	47.7	0.8	4.2	16.1	0.6	4.0	18,842
Ndivisi Ward	None	13.6	12.2	51.4	4.0	5.3	1.6	5.1	6.8	704

Ndivisi Ward	Primary	10.6	13.2	50.1	0.5	4.2	17.2	0.4	3.7	10,369
Ndivisi Ward	Secondary+	16.3	14.3	44.2	1.0	4.0	15.8	0.3	4.0	7,769
Maraka Ward	Total	24.0	14.2	29.7	1.0	5.4	18.4	0.6	6.7	12,458
Maraka Ward	None	19.6	11.6	47.9	2.3	5.5	1.4	3.2	8.5	562
Maraka Ward	Primary	19.2	14.1	35.0	0.8	6.1	18.8	0.7	5.4	5,910
Maraka Ward	Secondary+	29.2	14.6	22.8	1.2	4.6	19.6	0.2	7.9	5,986
Webuye West Constituency	Total	14.9	14.4	46.7	0.8	3.8	15.2	0.4	3.8	61,901
Webuye West Constituency	None	16.2	15.7	53.0	3.2	4.4	0.9	1.9	4.7	2,363
Webuye West Constituency	Primary	11.3	13.4	51.8	0.6	3.8	15.9	0.3	2.9	33,406
Webuye West Constituency	Secondary+	19.5	15.5	39.8	0.9	3.6	15.7	0.3	4.8	26,132
Misikhu Ward	Total	10.4	13.0	53.5	0.8	3.1	14.4	0.2	4.6	14,771
Misikhu Ward	None	12.8	11.0	60.7	3.0	3.2	0.8	1.6	6.8	499
Misikhu Ward	Primary	7.9	12.3	56.2	0.7	3.4	15.2	0.2	4.0	8,889
Misikhu Ward	Secondary+	14.1	14.4	48.5	0.9	2.5	14.3	0.2	5.2	5,383
Sitikho Ward	Total	11.9	10.4	58.3	0.7	1.5	14.8	0.5	2.0	13,993
Sitikho Ward	None	15.0	9.8	64.7	2.8	2.2	0.9	1.3	3.3	640
Sitikho Ward	Primary	10.6	10.3	59.5	0.4	1.6	15.3	0.5	1.8	8,674
Sitikho Ward	Secondary+	13.7	10.5	55.1	0.9	1.4	15.6	0.4	2.4	4,679
Matulo Ward	Total	22.4	20.3	30.4	1.1	5.7	13.9	0.3	6.0	17,800
Matulo Ward	None	19.6	24.1	37.8	3.6	6.3	0.7	1.7	6.2	746
Matulo Ward	Primary	16.6	19.6	38.6	0.8	6.2	13.6	0.2	4.4	7,680
Matulo Ward	Secondary+	27.3	20.5	23.0	1.2	5.3	15.2	0.2	7.3	9,374
Bokoli Ward	Total	13.5	12.5	48.7	0.6	4.2	18.1	0.4	2.0	15,337
Bokoli Ward	None	16.1	15.3	52.9	3.1	5.9	1.1	3.4	2.3	478
Bokoli Ward	Primary	10.6	12.1	51.1	0.5	4.5	19.4	0.3	1.5	8,163
Bokoli Ward	Secondary+	16.9	12.6	45.5	0.7	3.8	17.7	0.3	2.7	6,696
Kimilili Constituency	Total	13.2	16.2	38.9	0.8	6.0	21.8	0.3	2.8	62,767
Kimilili Constituency	None	14.1	16.5	47.5	2.6	9.4	2.0	2.9	5.1	2,807
Kimilili Constituency	Primary	9.1	15.9	42.8	0.4	6.2	23.2	0.3	2.2	35,544
Kimilili Constituency	Secondary+	19.2	16.5	32.2	1.0	5.4	22.1	0.2	3.4	24,416
Kibingei Ward	Total	14.7	12.0	42.0	0.9	4.5	22.1	0.3	3.5	16,623

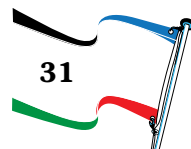


Kibingei Ward	None	15.0	11.8	50.5	3.5	7.2	1.4	2.4	8.3	782
Kibingei Ward	Primary	9.2	12.3	46.9	0.5	4.3	23.4	0.3	3.1	8,487
Kibingei Ward	Secondary+	21.1	11.6	35.3	1.1	4.3	22.8	0.2	3.6	7,354
Kimilili Ward	Total	16.1	19.5	33.0	0.7	7.5	19.6	0.2	3.4	17,412
Kimilili Ward	None	15.8	21.5	40.7	1.9	11.4	1.4	2.0	5.4	792
Kimilili Ward	Primary	11.6	18.3	38.5	0.5	7.6	20.8	0.2	2.7	9,546
Kimilili Ward	Secondary+	22.1	21.0	24.8	1.0	6.9	20.1	0.1	4.1	7,074
Maeni Ward	Total	8.5	13.2	47.5	0.5	6.1	22.6	0.4	1.3	11,247
Maeni Ward	None	9.3	17.8	57.1	1.5	8.5	2.2	2.6	1.1	461
Maeni Ward	Primary	5.9	13.2	49.4	0.4	6.4	23.7	0.3	0.8	6,911
Maeni Ward	Secondary+	13.1	12.7	42.9	0.4	5.3	23.1	0.2	2.2	3,875
Kamukuywa Ward	Total	12.0	18.6	36.4	0.8	6.0	23.2	0.4	2.5	17,485
Kamukuywa Ward	None	14.3	15.5	45.6	3.2	10.1	3.0	4.5	3.8	772
Kamukuywa Ward	Primary	8.8	18.3	39.2	0.4	6.2	24.9	0.3	2.0	10,600
Kamukuywa Ward	Secondary+	17.5	19.5	30.3	1.2	5.2	22.8	0.2	3.2	6,113
Tongaren Constituency	Total	14.2	11.3	36.9	1.2	9.4	22.5	0.4	4.2	88,634
Tongaren Constituency	None	17.2	9.6	45.6	3.1	13.8	1.0	3.0	6.6	3,990
Tongaren Constituency	Primary	12.1	11.0	38.2	1.0	10.0	23.4	0.4	3.9	49,135
Tongaren Constituency	Secondary+	16.6	11.7	34.1	1.2	8.0	23.7	0.2	4.3	35,509
Mbakalo Ward	Total	9.8	10.1	43.2	0.7	9.6	22.4	0.6	3.7	14,843
Mbakalo Ward	None	13.6	11.2	50.3	2.7	10.5	1.1	3.3	7.4	553
Mbakalo Ward	Primary	7.6	9.8	44.5	0.5	10.4	23.6	0.5	3.2	8,769
Mbakalo Ward	Secondary+	13.0	10.3	40.3	0.8	8.3	22.7	0.3	4.3	5,521
Naitiri/Kabuyefwe Ward	Total	13.8	11.7	30.5	1.1	13.6	23.5	0.5	5.3	17,730
Naitiri/Kabuyefwe Ward	None	15.1	11.2	36.2	1.9	23.3	0.6	5.3	6.5	724
Naitiri/Kabuyefwe Ward	Primary	11.6	11.6	32.5	0.7	14.5	23.6	0.4	5.1	9,942
Naitiri/Kabuyefwe Ward	Secondary+	16.6	11.9	27.3	1.4	11.3	25.8	0.3	5.5	7,064
Milima Ward	Total	14.9	12.6	31.8	0.8	10.3	24.9	0.3	4.4	15,994
Milima Ward	None	17.2	11.1	43.1	3.4	13.8	1.7	2.5	7.3	647
Milima Ward	Primary	12.6	12.3	32.9	0.5	11.2	26.6	0.2	3.8	8,190
Milima Ward	Secondary+	17.4	13.1	29.6	0.9	9.0	25.0	0.2	4.8	7,157

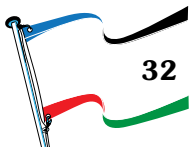
Ndalu Ward	Total	17.2	9.8	43.8	2.1	6.6	17.1	0.4	2.9	10,362
Ndalu Ward	None	24.0	6.4	46.0	4.0	10.0	0.7	2.2	6.7	550
Ndalu Ward	Primary	16.6	8.7	44.3	2.1	7.0	18.4	0.3	2.6	5,468
Ndalu Ward	Secondary+	17.2	11.6	43.0	1.9	5.8	17.6	0.2	2.8	4,344
Tongaren Ward	Total	13.6	10.6	40.3	1.4	5.3	23.6	0.4	4.9	16,058
Tongaren Ward	None	14.0	8.2	53.7	3.5	10.1	0.8	1.9	7.8	792
Tongaren Ward	Primary	11.9	11.1	41.1	1.3	5.2	24.2	0.4	5.0	8,853
Tongaren Ward	Secondary+	15.9	10.3	37.6	1.2	4.9	25.5	0.2	4.5	6,413
Soysambu/Mitua Ward	Total	16.9	12.2	35.1	1.2	9.4	21.6	0.5	3.2	13,647
Soysambu/Mitua Ward	None	20.7	9.5	44.5	3.0	14.0	1.2	3.0	4.0	724
Soysambu/Mitua Ward	Primary	14.5	12.0	36.6	1.0	10.1	22.4	0.3	3.1	7,913
Soysambu/Mitua Ward	Secondary+	20.1	13.0	31.4	1.2	7.6	23.2	0.3	3.2	5,010

Table 3.4: Employment and Education Levels in Male Headed Household by County, Constituency and Ward

County /constituency	Education Level reached	Work for Pay	Family Business	Family Agricultural-holding	Internal/ Volunteer	Retired/ Home-maker	Fulltime Student	Incapacitated	No work	Population (15-64)
Kenya National	Total	25.5	13.5	31.6	1.1	9.0	11.4	0.4	7.5	14,757,992
Kenya National	None	11.4	14.3	44.2	1.6	13.9	0.9	1.0	12.6	2,183,284
Kenya National	Primary	22.2	12.9	37.3	0.8	9.4	10.6	0.4	6.4	6,939,667
Kenya National	Secondary+	35.0	13.8	19.8	1.1	6.5	16.5	0.2	7.0	5,635,041
Rural Rural	Total	16.8	11.6	43.9	1.0	8.3	11.7	0.5	6.3	9,262,744
Rural Rural	None	8.6	14.1	49.8	1.4	13.0	0.8	1.0	11.4	1,823,487
Rural Rural	Primary	16.5	11.2	46.7	0.8	8.0	11.6	0.4	4.9	4,862,291
Rural Rural	Secondary+	23.1	10.6	34.7	1.0	5.5	19.6	0.2	5.3	2,576,966
Urban Urban	Total	40.2	16.6	10.9	1.3	10.1	10.9	0.3	9.7	5,495,248
Urban Urban	None	25.8	15.5	16.1	3.0	18.2	1.4	1.3	18.7	359,797
Urban Urban	Primary	35.6	16.9	15.4	1.0	12.8	8.1	0.3	9.9	2,077,376
Urban Urban	Secondary+	45.1	16.6	7.3	1.2	7.4	13.8	0.1	8.5	3,058,075
Bungoma	Total	14.6	12.3	50.9	0.9	4.0	13.4	0.3	3.6	490,751
Bungoma	None	14.7	12.2	56.2	3.0	5.3	0.8	2.0	5.8	21,524
Bungoma	Primary	10.8	11.7	55.8	0.7	4.1	13.6	0.3	2.9	284,503
Bungoma	Secondary+	20.3	13.3	42.6	1.1	3.7	14.5	0.2	4.2	184,724
Mt Elgon Constituency	Total	9.9	9.3	69.1	0.8	2.2	6.8	0.2	1.7	60,554
Mt Elgon Constituency	None	10.5	11.9	68.2	2.1	3.7	0.4	1.3	2.0	2,842
Mt Elgon Constituency	Primary	6.9	8.6	73.2	0.7	2.1	6.9	0.2	1.4	39,435
Mt Elgon Constituency	Secondary+	16.3	10.4	60.4	0.9	2.1	7.6	0.1	2.3	18,277



Cheptais Ward	Total	9.7	9.7	69.8	0.8	1.1	6.8	0.2	2.0	10,327
Cheptais Ward	None	9.6	9.4	72.9	1.9	1.9	0.6	0.9	2.8	532
Cheptais Ward	Primary	6.1	8.4	75.7	0.5	1.1	6.6	0.2	1.3	6,369
Cheptais Ward	Secondary+	16.4	12.2	58.2	1.2	0.9	8.1	0.1	3.0	3,426
Chesikaki Ward	Total	6.7	10.0	70.2	0.3	1.6	8.6	0.4	2.3	8,122
Chesikaki Ward	None	10.1	8.2	71.2	1.5	2.6	0.4	3.7	2.2	267
Chesikaki Ward	Primary	3.8	9.0	73.9	0.2	1.8	8.9	0.3	2.1	4,844
Chesikaki Ward	Secondary+	11.1	11.8	64.2	0.3	1.3	8.7	0.1	2.5	3,011
Chepyuk Ward	Total	8.6	8.6	78.2	1.1	0.4	2.1	0.2	0.8	8,965
Chepyuk Ward	None	7.7	12.8	74.2	2.8	0.8	0.2	0.4	1.2	507
Chepyuk Ward	Primary	7.4	8.2	79.6	1.1	0.4	2.2	0.2	0.9	6,703
Chepyuk Ward	Secondary+	13.6	8.9	73.8	0.7	0.1	1.9	0.1	0.7	1,755
Kapkateny Ward	Total	6.4	10.6	76.7	0.7	1.5	3.1	0.2	0.8	9,944
Kapkateny Ward	None	6.2	26.6	61.4	2.3	2.9	-	0.2	0.4	485
Kapkateny Ward	Primary	4.1	9.9	79.7	0.6	1.5	3.3	0.1	0.7	6,820
Kapkateny Ward	Secondary+	12.4	9.6	71.7	0.6	1.3	3.1	0.2	1.1	2,639
Kaptama Ward	Total	10.0	9.3	64.2	0.7	2.4	10.9	0.3	2.1	11,990
Kaptama Ward	None	11.5	7.3	65.3	2.5	7.6	0.5	2.0	3.3	602
Kaptama Ward	Primary	7.2	8.6	67.6	0.5	2.6	11.7	0.2	1.6	8,271
Kaptama Ward	Secondary+	17.2	11.8	55.0	0.9	1.1	10.7	0.1	3.2	3,117
Elgon Ward	Total	16.5	7.6	58.9	1.1	5.4	8.3	0.2	1.9	11,206
Elgon Ward	None	18.3	6.2	65.3	1.3	5.3	0.4	1.3	1.8	449
Elgon Ward	Primary	12.2	7.5	63.8	1.0	5.3	8.3	0.2	1.7	6,428
Elgon Ward	Secondary+	22.7	7.9	50.9	1.2	5.7	9.1	0.2	2.3	4,329
Sirisia Constituency	Total	8.0	6.4	70.4	1.0	1.3	10.1	0.3	2.5	36,966
Sirisia Constituency	None	10.0	5.9	74.5	3.1	1.3	0.4	2.2	2.6	1,434
Sirisia Constituency	Primary	5.1	5.7	73.7	0.6	1.5	11.0	0.3	2.1	22,426
Sirisia Constituency	Secondary+	12.6	7.7	64.3	1.4	1.0	9.6	0.2	3.2	13,106
Namwela Ward	Total	7.4	5.9	72.8	1.8	1.0	6.6	0.3	4.3	9,879
Namwela Ward	None	11.5	5.2	70.7	4.4	1.1	0.4	2.6	4.1	270
Namwela Ward	Primary	4.8	5.3	75.4	1.1	1.1	7.3	0.3	4.5	5,653



Namwela Ward	Secondary+	10.8	6.7	69.2	2.5	0.8	5.9	0.1	4.0	3,956
Malakisi/South Kulisiru Ward	Total	9.0	5.2	68.1	0.7	2.3	12.8	0.3	1.6	12,697
Malakisi/South Kulisiru Ward	None	9.6	6.3	71.5	2.4	2.4	0.7	3.7	3.5	459
Malakisi/South Kulisiru Ward	Primary	5.8	4.5	70.6	0.4	2.7	14.6	0.2	1.1	7,714
Malakisi/South Kulisiru Ward	Secondary+	14.4	6.2	63.4	1.0	1.7	10.8	0.2	2.3	4,524
Lwandanyi Ward	Total	7.5	7.9	70.9	0.7	0.6	10.1	0.3	2.0	14,390
Lwandanyi Ward	None	9.6	6.0	77.9	3.0	0.7	0.3	1.1	1.4	705
Lwandanyi Ward	Primary	4.8	7.0	75.3	0.4	0.7	10.1	0.3	1.4	9,059
Lwandanyi Ward	Secondary+	12.4	10.0	61.1	0.8	0.6	11.6	0.2	3.3	4,626
Kabuchai Constituency	Total	11.9	11.8	58.6	0.8	1.4	13.0	0.4	2.1	51,255
Kabuchai Constituency	None	13.3	11.7	61.5	3.6	2.0	0.9	2.0	5.2	1,742
Kabuchai Constituency	Primary	9.2	11.3	61.2	0.6	1.5	14.2	0.4	1.8	29,692
Kabuchai Constituency	Secondary+	15.9	12.5	54.6	0.9	1.1	12.3	0.2	2.4	19,821
Kabuchai/Chwele Ward	Total	14.4	20.3	46.4	0.9	2.2	12.1	0.5	3.2	12,834
Kabuchai/Chwele Ward	None	16.7	22.7	43.2	2.6	3.3	0.5	2.1	8.8	419
Kabuchai/Chwele Ward	Primary	10.6	19.6	49.2	0.7	2.5	14.0	0.5	3.0	6,990
Kabuchai/Chwele Ward	Secondary+	19.2	21.0	43.1	1.0	1.8	10.7	0.4	3.0	5,425
West Nalondo Ward	Total	14.7	8.7	60.3	0.6	1.6	12.1	0.3	1.7	12,597
West Nalondo Ward	None	12.8	7.8	70.2	3.0	1.5	0.9	1.3	2.4	537
West Nalondo Ward	Primary	12.3	8.3	63.9	0.3	1.8	11.8	0.3	1.3	7,628
West Nalondo Ward	Secondary+	19.0	9.5	52.9	0.7	1.4	14.1	0.1	2.4	4,432
Bwake/Luuya Ward	Total	10.3	9.0	61.8	0.8	0.8	15.5	0.2	1.6	11,863
Bwake/Luuya Ward	None	12.5	9.6	63.5	6.0	1.4	1.2	0.5	5.3	417
Bwake/Luuya Ward	Primary	8.2	8.8	62.8	0.4	0.8	17.6	0.2	1.2	6,936
Bwake/Luuya Ward	Secondary+	13.2	9.2	60.2	1.0	0.7	13.7	0.1	1.9	4,510
Mukuyuni Ward	Total	8.6	9.1	65.7	0.9	0.8	12.4	0.5	2.0	13,961
Mukuyuni Ward	None	11.1	7.0	67.2	3.0	1.6	0.8	4.3	4.9	369
Mukuyuni Ward	Primary	5.9	9.1	67.6	0.7	0.8	13.7	0.4	1.7	8,138
Mukuyuni Ward	Secondary+	12.4	9.3	62.9	0.9	0.7	11.2	0.3	2.3	5,454
Bumula Constituency	Total	11.3	9.1	63.2	0.7	2.8	10.1	0.4	2.3	62,678
Bumula Constituency	None	11.8	9.1	67.5	2.8	3.7	0.4	1.9	2.8	3,636

Bumula Constituency	Primary	9.5	9.1	65.5	0.4	3.0	10.2	0.3	2.0	42,298
Bumula Constituency	Secondary+	15.8	9.4	56.5	0.8	2.3	11.8	0.3	3.1	16,744
South Bukusu Ward	Total	11.4	10.5	63.4	0.5	2.9	8.2	0.2	2.8	8,142
South Bukusu Ward	None	10.5	10.0	66.4	2.6	5.1	-	1.2	4.2	428
South Bukusu Ward	Primary	9.4	10.7	65.3	0.4	3.2	8.2	0.2	2.6	5,230
South Bukusu Ward	Secondary+	15.8	10.1	58.9	0.4	2.0	9.6	0.2	3.0	2,484
Bumula Ward	Total	13.2	8.9	61.3	0.7	2.7	10.2	0.4	2.6	11,145
Bumula Ward	None	11.6	9.6	69.6	1.7	2.6	0.6	2.5	1.9	727
Bumula Ward	Primary	12.1	9.1	62.4	0.5	2.7	10.5	0.3	2.3	7,534
Bumula Ward	Secondary+	16.6	8.1	56.5	1.0	2.5	11.7	0.0	3.4	2,884
Khasoko Ward	Total	15.5	11.9	50.9	0.8	1.9	14.5	0.6	3.9	4,717
Khasoko Ward	None	18.4	8.1	61.3	2.0	1.2	0.7	2.0	6.4	408
Khasoko Ward	Primary	13.4	11.9	51.5	0.4	2.1	16.3	0.5	3.8	3,073
Khasoko Ward	Secondary+	19.8	12.9	46.0	1.5	1.8	14.5	0.4	3.1	1,236
Kabula Ward	Total	19.4	8.0	49.3	0.5	6.8	13.6	0.5	2.1	7,421
Kabula Ward	None	16.6	8.1	56.6	2.4	11.6	-	2.1	2.6	422
Kabula Ward	Primary	18.8	7.7	51.5	0.4	7.0	13.0	0.3	1.3	4,750
Kabula Ward	Secondary+	21.1	8.4	43.2	0.4	5.4	17.4	0.4	3.6	2,249
Kimaeti Ward	Total	7.7	9.8	63.0	0.7	3.7	11.8	0.5	2.7	12,699
Kimaeti Ward	None	9.3	11.5	65.6	3.1	4.4	0.3	2.5	3.3	643
Kimaeti Ward	Primary	5.8	9.4	65.5	0.5	4.0	12.1	0.4	2.3	8,921
Kimaeti Ward	Secondary+	12.9	10.7	55.4	1.0	2.9	13.2	0.4	3.6	3,135
West Bukusu Ward	Total	9.3	13.3	65.3	0.9	1.3	7.9	0.3	1.8	7,159
West Bukusu Ward	None	8.8	16.2	64.8	3.6	1.9	0.5	1.9	2.2	364
West Bukusu Ward	Primary	7.3	13.3	67.9	0.5	1.4	8.0	0.2	1.3	4,835
West Bukusu Ward	Secondary+	14.3	12.7	58.9	1.2	1.0	9.0	0.1	2.8	1,960
Siboti Ward	Total	7.6	4.8	78.1	0.7	0.7	6.6	0.3	1.3	11,395
Siboti Ward	None	9.9	2.6	80.6	4.0	0.9	0.3	1.1	0.5	644
Siboti Ward	Primary	5.6	4.7	81.0	0.4	0.8	6.2	0.2	1.1	7,955
Siboti Ward	Secondary+	13.0	5.5	69.1	0.7	0.6	8.9	0.4	2.0	2,796
Kanduyi Constituency	Total	21.9	15.6	37.6	1.3	4.1	12.7	0.4	6.4	85,917

Kanduyi Constituency	None	18.2	14.9	46.4	3.5	4.4	0.8	1.5	10.4	5,001
Kanduyi Constituency	Primary	16.1	15.2	44.7	0.9	4.2	12.9	0.4	5.6	43,623
Kanduyi Constituency	Secondary+	29.2	16.2	28.0	1.6	3.9	14.2	0.2	6.7	37,293
Bukembe West Ward	Total	16.1	11.1	48.1	0.9	3.2	16.6	0.4	3.7	7,478
Bukembe West Ward	None	12.3	9.3	64.2	0.7	6.6	0.3	4.0	2.6	302
Bukembe West Ward	Primary	14.0	11.4	49.8	0.6	3.3	17.2	0.3	3.4	4,325
Bukembe West Ward	Secondary+	19.6	10.8	43.6	1.4	2.7	17.3	0.2	4.4	2,851
Bukembe East Ward	Total	26.1	14.2	32.6	1.2	4.9	13.7	0.3	7.1	9,784
Bukembe East Ward	None	20.1	17.3	40.1	3.4	8.5	1.0	2.7	6.8	294
Bukembe East Ward	Primary	18.7	14.3	38.3	0.9	6.2	14.1	0.3	7.2	4,552
Bukembe East Ward	Secondary+	33.2	14.0	27.0	1.3	3.5	14.0	0.1	6.9	4,938
Township Ward	Total	38.0	23.0	9.7	2.3	4.9	10.7	0.2	11.1	7,564
Township Ward	None	44.1	19.6	12.6	7.4	5.7	1.5	1.0	8.2	404
Township Ward	Primary	29.6	25.8	11.6	1.5	6.9	10.7	0.4	13.6	2,127
Township Ward	Secondary+	41.1	22.1	8.7	2.3	4.0	11.4	0.1	10.3	5,033
Khalaba Ward	Total	39.2	18.5	10.8	1.7	7.2	13.8	0.2	8.5	10,264
Khalaba Ward	None	36.0	24.0	12.8	3.5	9.3	2.2	0.5	11.7	367
Khalaba Ward	Primary	34.9	18.9	14.1	1.7	9.8	11.8	0.4	8.5	3,323
Khalaba Ward	Secondary+	41.6	18.0	9.0	1.7	5.8	15.4	0.2	8.4	6,574
Musikoma Ward	Total	24.6	17.7	29.8	1.5	5.8	11.5	0.3	8.9	15,254
Musikoma Ward	None	19.4	13.0	33.2	4.1	5.5	0.6	1.1	23.0	1,161
Musikoma Ward	Primary	21.0	17.1	35.3	1.0	6.2	11.5	0.3	7.7	8,177
Musikoma Ward	Secondary+	30.4	19.3	21.7	1.6	5.3	13.7	0.1	7.9	5,916
East SangAlo Ward	Total	9.8	11.2	61.7	0.9	0.9	11.5	0.4	3.7	10,926
East SangAlo Ward	None	9.5	10.4	68.6	1.9	0.3	0.7	1.5	7.1	676
East SangAlo Ward	Primary	7.8	10.6	64.7	0.7	0.9	11.7	0.4	3.3	6,695
East SangAlo Ward	Secondary+	13.5	12.4	54.9	1.1	1.0	13.2	0.2	3.6	3,555
Marakary/Tuuti Ward	Total	14.8	19.3	42.1	1.1	3.2	13.2	0.3	5.9	12,861
Marakary/Tuuti Ward	None	13.7	19.3	51.0	2.4	2.4	0.7	1.5	9.0	820
Marakary/Tuuti Ward	Primary	10.4	20.5	45.8	0.8	3.2	13.8	0.2	5.4	7,715
Marakary/Tuuti Ward	Secondary+	23.0	17.2	34.0	1.4	3.5	14.5	0.1	6.3	4,326

West SangAlo Ward	Total	12.5	9.7	58.8	1.3	2.4	12.1	1.1	2.1	11,786
West SangAlo Ward	None	10.3	12.1	65.5	3.9	3.3	0.5	1.5	2.9	977
West SangAlo Ward	Primary	11.0	9.1	61.9	0.7	2.1	12.2	1.1	1.9	6,709
West SangAlo Ward	Secondary+	15.4	10.1	52.3	1.8	2.5	14.6	0.9	2.3	4,100
Webuye East Constituency	Total	18.3	13.8	43.1	0.9	4.2	14.0	0.4	5.3	36,657
Webuye East Constituency	None	17.6	12.9	45.5	3.0	5.3	1.4	3.5	10.7	1,251
Webuye East Constituency	Primary	14.6	13.7	47.7	0.6	4.3	14.1	0.4	4.6	19,892
Webuye East Constituency	Secondary+	23.1	14.1	37.0	1.0	4.0	14.8	0.2	5.8	15,514
Mihuu Ward	Total	16.9	12.8	48.0	0.9	3.6	11.9	0.3	5.6	13,564
Mihuu Ward	None	16.6	13.5	40.6	3.3	6.1	1.5	2.6	15.7	458
Mihuu Ward	Primary	13.9	13.0	52.1	0.7	3.3	11.8	0.3	4.8	7,913
Mihuu Ward	Secondary+	21.5	12.4	42.3	1.0	3.7	12.9	0.2	6.0	5,193
Ndivisi Ward	Total	14.4	14.5	47.6	0.8	4.0	14.3	0.4	4.1	13,666
Ndivisi Ward	None	13.9	13.5	51.2	4.0	4.0	1.6	4.3	7.4	445
Ndivisi Ward	Primary	11.8	14.1	50.4	0.5	4.1	14.9	0.4	3.8	7,517
Ndivisi Ward	Secondary+	17.7	15.0	43.8	0.9	3.8	14.4	0.2	4.2	5,704
Maraka Ward	Total	25.9	14.4	29.4	1.0	5.4	16.5	0.5	6.8	9,427
Maraka Ward	None	23.6	11.5	44.5	1.4	5.7	1.1	3.7	8.3	348
Maraka Ward	Primary	20.5	14.2	35.2	0.8	6.2	16.7	0.7	5.8	4,462
Maraka Ward	Secondary+	31.3	14.8	22.7	1.1	4.7	17.6	0.1	7.8	4,617
Webuye West Constituency	Total	15.5	14.7	46.8	0.8	3.6	14.6	0.3	3.6	47,311
Webuye West Constituency	None	17.6	15.8	52.2	2.9	4.0	0.9	1.9	4.7	1,494
Webuye West Constituency	Primary	11.9	13.9	52.4	0.6	3.8	14.3	0.3	2.8	25,484
Webuye West Constituency	Secondary+	19.9	15.6	39.6	0.9	3.4	15.9	0.2	4.6	20,333
Misikhu Ward	Total	11.2	13.5	54.0	0.8	3.0	12.8	0.2	4.4	11,146
Misikhu Ward	None	15.1	10.1	58.4	2.8	3.2	0.9	2.2	7.3	317
Misikhu Ward	Primary	8.6	12.9	56.7	0.7	3.3	13.6	0.2	3.9	6,760
Misikhu Ward	Secondary+	15.2	14.8	49.1	0.8	2.5	12.5	0.1	4.9	4,069
Sitikho Ward	Total	12.7	10.7	58.9	0.6	1.5	13.0	0.4	2.1	10,541
Sitikho Ward	None	16.1	9.6	65.5	2.1	2.1	1.0	0.8	2.9	385
Sitikho Ward	Primary	11.4	10.7	59.9	0.4	1.7	13.8	0.4	1.7	6,628



Sitikho Ward	Secondary+	14.9	10.9	56.3	0.9	1.1	12.9	0.3	2.7	3,528
Matulo Ward	Total	22.0	20.2	29.7	1.1	5.4	15.8	0.2	5.6	14,018
Matulo Ward	None	20.4	24.6	37.7	3.3	5.6	0.4	1.7	6.3	480
Matulo Ward	Primary	17.2	20.2	38.7	0.8	6.2	12.5	0.2	4.2	5,888
Matulo Ward	Secondary+	25.8	19.9	22.3	1.1	4.8	19.3	0.2	6.6	7,650
Bokoli Ward	Total	14.4	12.9	49.7	0.5	4.0	16.1	0.3	2.0	11,606
Bokoli Ward	None	17.6	15.7	51.9	3.2	4.8	1.3	3.5	1.9	312
Bokoli Ward	Primary	11.2	12.5	52.4	0.4	4.5	17.2	0.2	1.5	6,208
Bokoli Ward	Secondary+	18.2	13.1	46.2	0.5	3.5	15.7	0.3	2.6	5,086
Kimilili Constituency	Total	14.2	16.9	39.3	0.7	6.2	19.8	0.3	2.6	46,330
Kimilili Constituency	None	14.9	17.3	46.4	2.1	9.7	2.1	2.1	5.3	1,742
Kimilili Constituency	Primary	9.6	16.7	43.5	0.5	6.4	21.1	0.2	2.0	26,476
Kimilili Constituency	Secondary+	21.0	17.1	32.6	1.0	5.5	19.5	0.1	3.2	18,112
Kibingei Ward	Total	16.2	12.8	41.7	0.9	4.7	19.9	0.3	3.4	12,262
Kibingei Ward	None	14.8	12.4	50.8	2.6	7.5	0.4	2.4	8.9	492
Kibingei Ward	Primary	10.0	13.5	46.7	0.5	4.7	21.4	0.3	3.0	6,261
Kibingei Ward	Secondary+	23.4	12.1	35.2	1.1	4.6	20.0	0.2	3.4	5,509
Kimilili Ward	Total	17.2	20.3	33.4	0.7	7.8	17.5	0.2	3.0	12,550
Kimilili Ward	None	17.9	23.1	38.2	1.7	10.7	1.9	0.8	5.7	476
Kimilili Ward	Primary	12.3	19.1	39.2	0.5	8.0	18.5	0.2	2.2	6,979
Kimilili Ward	Secondary+	23.8	21.7	25.0	0.9	7.1	17.6	0.1	3.7	5,095
Maeni Ward	Total	9.2	13.7	48.5	0.5	6.1	20.5	0.3	1.3	8,390
Maeni Ward	None	11.0	19.2	53.6	0.7	10.3	2.1	1.7	1.4	291
Maeni Ward	Primary	6.1	13.8	50.6	0.5	6.4	21.7	0.2	0.8	5,174
Maeni Ward	Secondary+	14.5	13.0	44.2	0.4	5.2	20.4	0.2	2.1	2,925
Kamukuywa Ward	Total	12.8	19.4	36.9	0.8	6.1	21.3	0.3	2.4	13,128
Kamukuywa Ward	None	14.5	15.5	45.5	2.9	10.6	3.9	3.3	3.7	483
Kamukuywa Ward	Primary	9.2	19.0	40.0	0.4	6.5	22.8	0.2	1.8	8,062
Kamukuywa Ward	Secondary+	18.9	20.4	30.6	1.2	5.0	20.5	0.1	3.2	4,583
Tongaren Constituency	Total	15.6	11.9	37.3	1.2	9.3	20.2	0.4	4.1	63,083
Tongaren Constituency	None	17.4	9.9	45.8	3.3	13.8	0.9	2.8	6.1	2,382

Tongaren Constituency	Primary	13.3	11.6	38.8	1.0	10.1	20.9	0.3	4.0	35,177
Tongaren Constituency	Secondary+	18.6	12.4	34.4	1.3	7.8	21.1	0.2	4.1	25,524
Mbakalo Ward	Total	11.1	11.1	43.4	0.7	9.6	20.0	0.5	3.7	10,584
Mbakalo Ward	None	16.4	11.4	50.7	3.0	10.4	0.3	2.7	5.0	298
Mbakalo Ward	Primary	8.5	10.7	45.1	0.5	10.4	21.0	0.5	3.2	6,288
Mbakalo Ward	Secondary+	14.8	11.7	40.1	0.8	8.1	19.9	0.3	4.3	3,998
Naitiri/Kabuyefwe Ward	Total	15.1	12.3	31.1	1.0	13.5	21.3	0.5	5.2	12,851
Naitiri/Kabuyefwe Ward	None	15.1	12.8	34.6	1.9	25.1	0.2	5.6	4.9	431
Naitiri/Kabuyefwe Ward	Primary	12.6	12.0	33.3	0.6	14.7	21.3	0.3	5.3	7,246
Naitiri/Kabuyefwe Ward	Secondary+	18.7	12.7	27.9	1.5	10.9	23.1	0.2	5.0	5,174
Milima Ward	Total	16.4	13.1	32.7	0.8	10.3	22.2	0.3	4.1	11,078
Milima Ward	None	15.4	9.2	46.5	3.2	12.2	2.2	3.2	8.1	370
Milima Ward	Primary	14.1	12.9	33.4	0.5	11.4	23.9	0.2	3.6	5,687
Milima Ward	Secondary+	19.1	13.7	30.8	1.0	8.9	21.8	0.1	4.5	5,021
Ndalu Ward	Total	19.1	10.2	43.8	2.5	6.6	15.0	0.3	2.6	7,403
Ndalu Ward	None	26.5	6.8	41.9	5.0	10.0	0.9	1.5	7.4	339
Ndalu Ward	Primary	18.2	9.2	44.5	2.5	7.0	16.1	0.2	2.3	3,921
Ndalu Ward	Secondary+	19.4	11.8	43.1	2.2	5.6	15.2	0.3	2.4	3,143
Tongaren Ward	Total	14.8	11.3	40.7	1.5	5.3	21.1	0.3	5.0	11,458
Tongaren Ward	None	11.5	9.1	55.6	3.8	10.5	0.4	1.8	7.3	495
Tongaren Ward	Primary	13.0	11.7	41.9	1.4	5.3	21.2	0.3	5.1	6,368
Tongaren Ward	Secondary+	17.6	11.0	37.4	1.3	4.8	23.2	0.2	4.5	4,595
Soysambu/Mitua Ward	Total	18.3	12.8	35.3	1.2	9.2	19.5	0.4	3.3	9,709
Soysambu/Mitua Ward	None	21.6	10.0	45.0	2.9	12.9	1.6	2.0	4.0	449
Soysambu/Mitua Ward	Primary	15.6	12.5	37.1	1.1	10.0	20.1	0.3	3.2	5,667
Soysambu/Mitua Ward	Secondary+	22.2	13.6	31.3	1.1	7.3	20.8	0.3	3.3	3,593

Table 3.5: Employment and Education Levels in Female Headed Households by County, Constituency and Ward

	Education Level reached	Work for Pay	Family Business	Family Agricultural holding	Internal/ Volunteer	Retired/ Home-maker	Fulltime Student	Incapacitated	No work	Population (15-64)
Kenya National	Total	18.87	11.91	32.74	1.20	9.85	16.66	0.69	8.08	5,518,645
Kenya National	None	10.34	13.04	44.55	1.90	16.45	0.80	1.76	11.17	974,824
Kenya National	Primary	16.74	11.75	37.10	0.89	9.82	16.23	0.59	6.89	2,589,877
Kenya National	Secondary+	25.95	11.57	21.07	1.27	6.59	25.16	0.28	8.11	1,953,944
Rural Rural	Total	31.53	15.66	12.80	1.54	9.33	16.99	0.54	11.60	1,781,078
Rural Rural	None	8.36	12.26	50.31	1.60	15.77	0.59	1.67	9.44	794,993
Rural Rural	Primary	13.02	9.90	43.79	0.81	9.49	17.03	0.60	5.36	1,924,111
Rural Rural	Secondary+	15.97	8.87	33.03	1.06	6.80	27.95	0.34	5.98	1,018,463
Urban Urban	Total	12.83	10.12	42.24	1.04	10.09	16.51	0.76	6.40	3,737,567
Urban Urban	None	19.09	16.50	19.04	3.22	19.45	1.70	2.18	18.83	179,831
Urban Urban	Primary	27.49	17.07	17.79	1.13	10.76	13.93	0.55	11.29	665,766
Urban Urban	Secondary+	36.81	14.50	8.06	1.51	6.36	22.11	0.22	10.43	935,481
Bungoma	Total	10.7	10.8	48.5	1.0	4.4	19.8	.6	4.2	169069
Bungoma	None	12.5	11.9	57.2	3.1	6.1	.8	3.0	5.4	12818
Bungoma	Primary	8.0	10.3	52.5	.7	4.2	20.4	.5	3.4	93847
Bungoma	Secondary+	14.3	11.5	40.8	1.1	4.3	22.7	.3	5.1	62404
Mt Elgon Constituency	Total	8.2	8.6	65.4	.9	2.6	11.6	.4	2.3	20093
Mt Elgon Constituency	None	11.0	10.1	67.8	2.1	3.8	.4	2.3	2.5	1797
Mt Elgon Constituency	Primary	6.6	7.8	68.9	.7	2.3	11.5	.3	1.8	12334
Mt Elgon Constituency	Secondary+	10.6	9.9	57.3	.8	2.9	15.3	.1	3.2	5962
Cheptais Ward	Total	7.3	11.4	63.4	1.0	1.5	11.6	.4	3.4	3444
Cheptais Ward	None	8.8	11.5	68.2	2.1	1.2	.9	2.1	5.2	330
Cheptais Ward	Primary	5.6	9.3	67.8	.9	1.7	11.8	.4	2.7	1996
Cheptais Ward	Secondary+	10.0	15.3	53.9	.8	1.3	14.4	.1	4.1	1118
Chesikaki Ward	Total	6.1	7.9	69.0	.7	.9	12.4	.5	2.6	3260
Chesikaki Ward	None	14.6	7.5	69.7	2.4	1.2	.4	2.4	2.0	254
Chesikaki Ward	Primary	4.1	7.0	70.9	.7	.5	14.3	.5	2.0	1918
Chesikaki Ward	Secondary+	7.7	9.5	65.6	.3	1.4	11.8	0.0	3.8	1088
Chepyuk Ward	Total	9.5	8.0	76.5	.8	.6	3.4	.2	1.0	2573
Chepyuk Ward	None	13.9	9.6	71.5	1.8	1.4	0.0	.7	1.1	281
Chepyuk Ward	Primary	8.9	8.0	77.1	.7	.5	3.6	.2	1.0	1842
Chepyuk Ward	Secondary+	9.3	7.1	77.1	.7	.4	4.4	0.0	.9	450
Kapkateny Ward	Total	4.0	9.6	78.8	.4	1.7	4.1	.5	.9	3104
Kapkateny Ward	None	4.3	15.7	71.6	1.3	2.7	0.0	3.0	1.3	299
Kapkateny Ward	Primary	3.0	8.9	80.5	.1	1.6	4.8	.2	.7	2037
Kapkateny Ward	Secondary+	6.6	9.0	77.0	.7	1.6	3.9	.3	1.0	768
Kaptama Ward	Total	8.4	7.8	61.8	.6	3.0	15.3	.5	2.6	3777
Kaptama Ward	None	8.0	8.7	66.9	1.2	7.7	.6	3.1	3.7	323

Kaptama Ward	Primary	6.9	6.8	64.5	.4	2.9	16.2	.3	1.9	2477
Kaptama Ward	Secondary+	12.6	9.9	53.4	.6	1.6	17.7	0.0	4.1	977
Elgon Ward	Total	12.8	7.4	49.7	1.6	6.7	18.8	.5	2.6	3935
Elgon Ward	None	17.4	7.4	60.0	3.5	7.7	.3	2.3	1.3	310
Elgon Ward	Primary	11.0	7.1	54.9	1.5	6.1	16.4	.5	2.4	2064
Elgon Ward	Secondary+	14.1	7.7	40.9	1.3	7.2	25.6	.1	3.1	1561
Sirisia Constituency	Total	5.9	5.9	64.7	1.0	1.6	17.0	.6	3.4	12563
Sirisia Constituency	None	7.9	5.5	75.9	2.3	1.9	1.2	2.8	2.6	899
Sirisia Constituency	Primary	4.1	5.5	68.7	.7	1.4	16.1	.5	2.9	7152
Sirisia Constituency	Secondary+	8.5	6.5	56.1	1.1	1.9	21.4	.3	4.2	4512
Namwela Ward	Total	4.3	5.1	64.7	1.6	1.2	17.0	.6	5.5	3391
Namwela Ward	None	9.0	6.2	69.5	5.1	1.1	2.3	2.8	4.0	177
Namwela Ward	Primary	3.0	4.8	72.2	1.6	1.1	10.8	.7	5.8	1796
Namwela Ward	Secondary+	5.4	5.4	54.7	1.2	1.3	26.7	.3	5.1	1418
Malakisi/South Kulisiru Ward	Total	7.0	4.3	64.9	.8	2.8	17.7	.6	1.9	4173
Malakisi/South Kulisiru Ward	None	9.1	4.0	75.4	1.4	4.7	0.0	2.5	2.9	276
Malakisi/South Kulisiru Ward	Primary	4.3	3.9	67.4	.5	2.2	19.8	.5	1.4	2412
Malakisi/South Kulisiru Ward	Secondary+	11.1	5.0	58.9	1.2	3.2	17.6	.3	2.6	1485
Lwandanyi Ward	Total	6.1	7.7	64.5	.6	.9	16.3	.7	3.2	4999
Lwandanyi Ward	None	6.7	6.1	78.7	1.8	.4	1.6	2.9	1.8	446
Lwandanyi Ward	Primary	4.6	7.2	67.6	.3	.9	16.4	.5	2.4	2944
Lwandanyi Ward	Secondary+	8.8	8.9	54.8	.9	1.1	20.2	.4	4.9	1609
Kabuchai Constituency	Total	9.0	11.1	56.2	.9	1.5	18.1	.6	2.6	16766
Kabuchai Constituency	None	12.7	13.1	60.5	3.7	1.8	.8	3.2	4.3	1047
Kabuchai Constituency	Primary	7.0	10.5	58.0	.7	1.4	19.5	.6	2.4	9569
Kabuchai Constituency	Secondary+	11.5	11.6	52.8	.9	1.5	18.9	.3	2.5	6150
Kabuchai/Chwele Ward	Total	11.7	19.8	45.3	1.0	2.0	16.6	.6	3.2	4703
Kabuchai/Chwele Ward	None	12.3	22.4	50.7	3.0	1.5	.4	3.0	6.7	268
Kabuchai/Chwele Ward	Primary	9.3	18.8	47.3	.8	2.1	18.0	.7	3.1	2676
Kabuchai/Chwele Ward	Secondary+	15.1	20.9	41.3	.9	1.9	16.9	.1	2.9	1759
West Nalondo Ward	Total	9.8	7.0	60.0	1.0	1.9	16.4	.9	3.0	3604
West Nalondo Ward	None	13.4	6.5	67.8	2.9	2.3	.3	3.9	2.9	307
West Nalondo Ward	Primary	8.7	7.3	61.3	.7	1.5	17.6	.6	2.5	1986
West Nalondo Ward	Secondary+	10.8	6.8	56.4	1.0	2.4	18.3	.6	3.7	1311
Bwake/Luuya Ward	Total	7.3	6.9	58.4	.9	.9	23.4	.5	1.6	4287
Bwake/Luuya Ward	None	12.7	11.6	58.8	4.6	1.4	2.1	3.5	5.3	284
Bwake/Luuya Ward	Primary	5.6	6.3	60.3	.4	.9	24.5	.4	1.6	2444
Bwake/Luuya Ward	Secondary+	9.0	6.9	55.4	1.0	.8	25.7	.1	1.1	1559
Mukuyuni Ward	Total	7.0	9.0	63.1	.9	1.2	15.9	.6	2.4	4172
Mukuyuni Ward	None	12.2	12.8	64.9	4.8	2.1	0.0	1.6	1.6	188
Mukuyuni Ward	Primary	4.4	8.1	64.8	.7	1.3	17.8	.6	2.4	2463
Mukuyuni Ward	Secondary+	10.5	9.9	60.2	.7	1.1	14.9	.3	2.6	1521
Bumula Constituency	Total	7.1	7.7	62.6	.8	3.1	15.0	.9	2.8	21040
Bumula Constituency	None	8.8	8.8	68.1	2.7	4.7	.6	3.6	2.7	2149
Bumula Constituency	Primary	5.4	7.4	64.9	.5	3.1	15.8	.7	2.4	13001
Bumula Constituency	Secondary+	10.3	8.1	55.5	.7	2.6	18.6	.3	3.8	5890

South Bukusu Ward	Total	6.0	10.0	64.7	.8	3.0	11.9	.9	2.8	2870
South Bukusu Ward	None	6.0	8.2	68.8	1.8	7.1	.4	5.0	2.8	282
South Bukusu Ward	Primary	4.6	10.3	66.4	.7	2.6	11.8	.7	3.0	1664
South Bukusu Ward	Secondary+	8.4	10.0	60.5	.6	2.5	15.5	.1	2.4	924
Bumula Ward	Total	7.7	7.7	61.9	.6	2.5	15.8	1.0	2.7	3620
Bumula Ward	None	8.6	11.2	70.1	2.3	2.1	.3	3.6	1.8	385
Bumula Ward	Primary	5.5	7.1	63.3	.3	2.7	17.8	.9	2.3	2254
Bumula Ward	Secondary+	12.3	7.7	55.7	.6	2.3	17.1	.4	3.8	981
Khasoko Ward	Total	12.2	8.7	47.7	.9	2.3	22.8	1.2	4.1	1668
Khasoko Ward	None	13.8	11.7	59.4	1.3	3.8	.4	4.2	5.4	239
Khasoko Ward	Primary	10.7	9.1	46.8	.9	1.9	26.1	1.0	3.6	938
Khasoko Ward	Secondary+	14.5	6.5	43.8	.8	2.4	27.3	.2	4.5	491
Kabula Ward	Total	12.6	6.2	48.5	1.0	7.8	19.9	.9	3.1	2486
Kabula Ward	None	16.0	7.6	57.3	3.4	10.3	.8	3.1	1.5	262
Kabula Ward	Primary	11.3	6.0	52.1	.4	8.5	18.9	.9	1.8	1385
Kabula Ward	Secondary+	13.7	6.2	39.7	1.1	5.8	27.5	.2	5.7	839
Kimaeti Ward	Total	5.3	8.0	59.9	1.0	4.0	17.6	1.1	3.0	4250
Kimaeti Ward	None	8.2	6.0	66.7	4.0	6.7	.7	5.0	2.7	402
Kimaeti Ward	Primary	3.5	7.9	61.8	.7	4.1	18.4	.7	2.7	2776
Kimaeti Ward	Secondary+	9.0	8.9	52.2	.7	2.7	21.9	.7	3.9	1072
West Bukusu Ward	Total	5.1	12.3	66.5	.8	1.6	11.1	.3	2.4	2275
West Bukusu Ward	None	5.0	15.9	68.6	2.7	2.3	.9	1.4	3.2	220
West Bukusu Ward	Primary	3.5	10.4	69.9	.4	1.8	11.8	.3	2.0	1417
West Bukusu Ward	Secondary+	8.5	15.4	58.2	.9	.9	13.0	0.0	3.1	638
Siboti Ward	Total	4.9	3.6	78.0	.5	.9	9.6	.5	2.1	3871
Siboti Ward	None	5.8	4.5	80.5	2.5	1.7	.6	2.2	2.2	359
Siboti Ward	Primary	3.6	3.5	79.7	.3	.7	10.3	.4	1.6	2567
Siboti Ward	Secondary+	7.8	3.4	72.6	.4	1.1	11.0	.2	3.5	945
Kanduyi Constituency	Total	16.4	14.4	36.3	1.6	4.3	18.9	.5	7.6	28693
Kanduyi Constituency	None	14.3	16.5	46.0	3.8	6.5	.6	2.3	10.0	2653
Kanduyi Constituency	Primary	11.9	14.5	42.0	1.2	4.0	19.6	.5	6.4	13949
Kanduyi Constituency	Secondary+	22.0	13.9	27.5	1.6	4.2	22.0	.2	8.5	12091
Bukembe West Ward	Total	11.4	11.5	43.2	1.3	3.4	24.4	.8	4.1	2301
Bukembe West Ward	None	10.6	11.2	58.5	2.7	9.0	.5	5.3	2.1	188
Bukembe West Ward	Primary	9.6	10.3	45.5	1.1	2.8	26.1	.6	3.9	1307
Bukembe West Ward	Secondary+	14.5	13.4	35.9	1.1	3.0	27.2	.1	4.8	806
Bukembe East Ward	Total	15.7	17.1	34.4	1.7	4.4	19.3	.5	6.9	3121
Bukembe East Ward	None	15.2	19.8	39.2	6.9	10.6	1.4	2.3	4.6	217
Bukembe East Ward	Primary	11.8	17.5	36.6	1.2	4.5	21.5	.5	6.4	1567
Bukembe East Ward	Secondary+	20.4	16.2	31.0	1.3	3.2	19.7	.2	7.9	1337
Township Ward	Total	31.0	20.1	10.2	2.7	4.2	17.8	.1	13.8	2852
Township Ward	None	28.6	30.1	12.2	5.6	6.6	1.0	0.0	15.8	196
Township Ward	Primary	25.3	23.2	12.1	2.9	5.4	16.3	.1	14.7	802
Township Ward	Secondary+	33.8	17.6	9.2	2.3	3.5	20.3	.1	13.3	1854
Khalaba Ward	Total	31.0	18.0	10.3	1.9	7.1	20.8	.5	10.4	4036
Khalaba Ward	None	25.0	22.8	14.2	3.9	12.9	3.9	3.0	14.2	232
Khalaba Ward	Primary	25.1	20.4	13.3	1.7	8.0	19.3	.6	11.6	1408
Khalaba Ward	Secondary+	35.1	16.2	8.1	1.8	6.0	23.4	.2	9.3	2396

Musikoma Ward	Total	16.6	16.0	30.6	1.9	6.4	17.6	.4	10.5	4439
Musikoma Ward	None	15.4	13.7	37.1	4.3	9.4	0.0	1.1	19.0	553
Musikoma Ward	Primary	14.7	17.1	34.2	1.2	5.4	18.6	.4	8.4	2192
Musikoma Ward	Secondary+	19.5	15.3	23.8	1.9	6.7	22.2	.1	10.4	1694
East SangAlo Ward	Total	6.2	9.5	60.5	1.1	1.1	16.6	.5	4.4	3937
East SangAlo Ward	None	8.1	14.3	64.0	3.1	1.3	0.0	2.0	7.2	447
East SangAlo Ward	Primary	4.8	8.8	62.4	1.0	1.3	17.8	.3	3.5	2292
East SangAlo Ward	Secondary+	8.3	9.0	55.6	.6	.8	20.5	.3	4.9	1198
Marakary/Tuuti Ward	Total	11.7	16.8	37.2	.8	4.2	20.8	.6	7.8	4120
Marakary/Tuuti Ward	None	12.0	19.4	51.3	2.1	3.5	.5	3.7	7.4	376
Marakary/Tuuti Ward	Primary	8.9	18.9	39.5	.5	3.6	21.6	.4	6.6	2209
Marakary/Tuuti Ward	Secondary+	15.6	13.1	30.5	1.0	5.3	24.8	.1	9.7	1535
West SangAlo Ward	Total	8.9	6.9	60.6	1.5	3.1	15.5	.9	2.5	3887
West SangAlo Ward	None	10.6	11.3	64.0	3.2	4.3	0.0	2.0	4.7	444
West SangAlo Ward	Primary	7.3	7.0	62.2	.9	3.1	16.7	.8	2.0	2172
West SangAlo Ward	Secondary+	10.9	5.4	56.8	2.0	2.5	19.0	.6	2.7	1271
Webuye East Constituency	Total	12.6	11.7	44.2	1.1	4.3	20.0	.8	5.2	12834
Webuye East Constituency	None	14.4	11.0	52.7	4.0	5.8	1.1	4.1	7.0	729
Webuye East Constituency	Primary	10.4	11.6	47.0	.7	4.3	21.0	.6	4.3	6909
Webuye East Constituency	Secondary+	15.4	12.0	39.2	1.2	4.1	21.4	.5	6.2	5196
Mihuu Ward	Total	12.4	10.8	49.1	1.0	3.3	16.5	.8	6.2	4610
Mihuu Ward	None	16.8	11.3	53.1	4.3	4.7	0.0	3.1	6.6	256
Mihuu Ward	Primary	11.0	11.1	51.6	.9	3.2	16.2	.7	5.4	2601
Mihuu Ward	Secondary+	13.8	10.3	44.7	.8	3.2	19.3	.6	7.3	1753
Ndivisi Ward	Total	9.8	11.3	47.9	1.0	4.6	20.8	.9	3.7	5169
Ndivisi Ward	None	13.1	10.0	51.7	3.9	7.3	1.5	6.6	5.8	259
Ndivisi Ward	Primary	7.5	10.8	49.3	.6	4.4	23.3	.6	3.5	2848
Ndivisi Ward	Secondary+	12.5	12.1	45.5	1.3	4.6	19.7	.5	3.7	2062
Maraka Ward	Total	17.9	13.9	30.4	1.3	5.3	24.1	.7	6.4	3055
Maraka Ward	None	13.1	11.7	53.3	3.7	5.1	1.9	2.3	8.9	214
Maraka Ward	Primary	15.0	14.2	34.2	.8	6.0	25.1	.7	4.0	1460
Maraka Ward	Secondary+	21.8	14.0	22.9	1.5	4.5	26.4	.4	8.5	1381
Webuye West Constituency	Total	12.5	12.8	44.8	1.0	4.1	20.3	.5	4.0	15110
Webuye West Constituency	None	14.0	15.5	54.2	3.7	5.2	.8	1.8	4.8	871
Webuye West Constituency	Primary	9.1	11.8	49.9	.6	3.9	21.1	.5	3.1	7918
Webuye West Constituency	Secondary+	16.5	13.7	37.1	1.1	4.1	22.0	.4	5.1	6321
Misikhu Ward	Total	7.7	11.5	52.2	.9	3.3	19.1	.3	5.0	3625
Misikhu Ward	None	8.8	12.6	64.8	3.3	3.3	.5	.5	6.0	182
Misikhu Ward	Primary	5.7	10.4	54.5	.6	3.8	20.3	.3	4.4	2129
Misikhu Ward	Secondary+	10.8	13.2	46.6	1.0	2.4	19.8	.2	5.9	1314
Sitikho Ward	Total	9.2	9.2	56.3	.8	1.7	20.1	.8	1.9	3452
Sitikho Ward	None	13.3	10.2	63.5	3.9	2.4	.8	2.0	3.9	255
Sitikho Ward	Primary	8.2	9.1	58.3	.3	1.3	20.3	.8	1.8	2046
Sitikho Ward	Secondary+	10.1	9.3	51.1	1.0	2.2	24.0	.7	1.7	1151

Matulo Ward	Total	20.8	18.1	28.6	1.2	5.9	18.3	.3	6.6	4311
Matulo Ward	None	18.0	23.3	38.0	4.1	7.5	1.1	1.9	6.0	266
Matulo Ward	Primary	14.8	17.7	37.9	.9	6.0	17.3	.2	5.2	1791
Matulo Ward	Secondary+	26.0	17.8	20.1	1.1	5.7	21.2	.2	7.9	2254
Bokoli Ward	Total	10.6	11.1	45.8	.9	4.9	24.0	.7	2.0	3722
Bokoli Ward	None	14.3	14.3	54.2	3.0	7.7	.6	3.0	3.0	168
Bokoli Ward	Primary	8.7	10.8	47.1	.5	4.7	26.4	.6	1.3	1952
Bokoli Ward	Secondary+	12.5	11.2	43.3	1.1	4.7	23.7	.6	2.9	1602
Kimilili Constituency	Total	10.4	14.1	37.7	.8	5.5	27.5	.6	3.3	16432
Kimilili Constituency	None	12.7	15.2	49.2	3.5	8.8	1.8	4.2	4.6	1065
Kimilili Constituency	Primary	7.5	13.5	41.0	.4	5.3	29.3	.4	2.7	9065
Kimilili Constituency	Secondary+	14.3	14.9	31.0	1.0	5.3	29.3	.2	4.0	6302
Kibingei Ward	Total	10.5	9.8	42.6	1.0	3.6	28.2	.5	3.8	4361
Kibingei Ward	None	15.2	10.7	50.0	4.8	6.6	3.1	2.4	7.2	290
Kibingei Ward	Primary	6.9	9.2	47.5	.4	3.3	29.2	.4	3.1	2226
Kibingei Ward	Secondary+	14.2	10.4	35.6	1.0	3.6	31.0	.2	4.1	1845
Kimilili Ward	Total	13.2	17.5	31.9	.9	6.7	25.0	.4	4.4	4856
Kimilili Ward	None	12.7	19.0	44.3	2.2	12.3	.6	3.8	5.1	316
Kimilili Ward	Primary	9.8	16.1	36.4	.5	6.2	27.0	.1	3.9	2563
Kimilili Ward	Secondary+	17.8	19.1	24.1	1.1	6.3	26.4	.2	5.1	1977
Maeni Ward	Total	6.4	11.8	44.7	.6	6.1	28.6	.6	1.3	2857
Maeni Ward	None	6.5	15.3	62.9	2.9	5.3	2.4	4.1	.6	170
Maeni Ward	Primary	5.0	11.4	46.1	.3	6.4	29.6	.5	.7	1737
Maeni Ward	Secondary+	9.1	11.9	38.8	.5	5.5	31.5	.3	2.4	950
Kamukuywa Ward	Total	9.8	16.3	34.7	.9	5.8	28.8	.8	2.9	4358
Kamukuywa Ward	None	13.8	15.6	45.7	3.8	9.3	1.4	6.6	3.8	289
Kamukuywa Ward	Primary	7.4	16.1	36.5	.4	5.4	31.4	.5	2.5	2539
Kamukuywa Ward	Secondary+	13.1	16.8	29.6	1.2	5.9	29.8	.3	3.3	1530
Tongaren Constituency	Total	10.7	9.7	35.9	1.0	9.5	28.3	.6	4.4	25538
Tongaren Constituency	None	17.0	9.2	45.3	2.8	13.9	1.1	3.4	7.3	1608
Tongaren Constituency	Primary	9.2	9.6	36.6	.8	9.6	29.9	.5	3.8	13950
Tongaren Constituency	Secondary+	11.7	9.8	33.3	1.0	8.6	30.5	.3	4.8	9980
Mbakalo Ward	Total	6.5	7.5	42.6	.8	9.8	28.3	.7	3.8	4255
Mbakalo Ward	None	10.2	11.0	49.8	2.4	10.6	2.0	3.9	10.2	255
Mbakalo Ward	Primary	5.1	7.5	43.0	.5	10.3	30.1	.6	2.9	2478
Mbakalo Ward	Secondary+	8.3	6.9	40.7	.9	8.8	29.9	.4	4.2	1522
Naitiri/Kabuyefwe Ward	Total	10.1	10.2	29.0	1.1	13.8	29.4	.8	5.7	4876
Naitiri/Kabuyefwe Ward	None	15.0	8.9	38.6	2.0	20.8	1.0	4.8	8.9	293
Naitiri/Kabuyefwe Ward	Primary	9.1	10.6	30.3	.9	14.0	29.9	.7	4.6	2695
Naitiri/Kabuyefwe Ward	Secondary+	10.9	9.7	25.6	1.2	12.4	33.1	.3	6.8	1888
Milima Ward	Total	11.6	11.2	29.9	.7	10.3	30.9	.4	5.0	4909
Milima Ward	None	19.5	13.7	38.6	3.6	15.9	1.1	1.4	6.1	277
Milima Ward	Primary	9.0	10.8	31.7	.4	10.4	32.9	.3	4.4	2498
Milima Ward	Secondary+	13.5	11.4	26.6	.7	9.4	32.5	.3	5.6	2134
Ndalul Ward	Total	12.6	8.9	43.8	1.3	6.9	22.3	.6	3.7	2967
Ndalul Ward	None	19.9	5.7	52.6	2.4	10.0	.5	3.3	5.7	211
Ndalul Ward	Primary	12.6	7.6	43.6	1.2	6.9	24.1	.5	3.5	1552
Ndalul Ward	Secondary+	11.3	11.0	42.5	1.2	6.3	23.8	.2	3.7	1204



Tongaren Ward	Total	10.5	8.9	39.4	1.0	5.1	29.8	.5	4.8	4596
Tongaren Ward	None	18.2	6.7	50.5	3.0	9.4	1.3	2.0	8.8	297
Tongaren Ward	Primary	8.9	9.5	38.9	.9	4.7	31.9	.6	4.5	2483
Tongaren Ward	Secondary+	11.5	8.4	38.1	.8	5.0	31.6	.1	4.6	1816
Soysambu/Mitua Ward	Total	13.3	10.8	34.6	1.2	9.9	26.6	.7	2.8	3935
Soysambu/Mitua Ward	None	19.3	8.7	43.6	3.3	15.6	.7	4.7	4.0	275
Soysambu/Mitua Ward	Primary	11.8	10.7	35.3	.8	10.2	28.2	.4	2.6	2244
Soysambu/Mitua Ward	Secondary+	14.5	11.5	31.7	1.5	8.3	29.2	.4	2.8	1416

Table 3.6: Gini Coefficient by County Constituency and Ward

County/Constituency/Ward	Pop. Share	Mean	Consump. Share	Gini
<b>Kenya</b>	<b>1</b>	<b>3,440</b>	<b>1</b>	<b>0.445</b>
<b>Rural</b>	<b>0.688</b>	<b>2,270</b>	<b>0.454</b>	<b>0.361</b>
<b>Urban</b>	<b>0.312</b>	<b>6,010</b>	<b>0.546</b>	<b>0.368</b>
Bungoma County	0.036	3,020	0.032	0.430
Mt Elgon Constituency	0.005	2,310	0.0031	0.397
Cheptais	0.001	2,050	0.0005	0.338
Chesikaki	0.001	1,850	0.0003	0.320
Chepyuk	0.001	3,570	0.0007	0.580
Kapkateny	0.001	1,850	0.0004	0.321
Kaptama	0.001	2,210	0.0006	0.348
Elgon	0.001	2,370	0.0006	0.340
Sirisia Constituency	0.003	2,150	0.0017	0.336
Namwela	0.001	2,220	0.0005	0.338
Malakisi/South Kulisiru	0.001	2,190	0.0006	0.340
Lwandanyi	0.001	2,060	0.0006	0.330
Kabuchai Constituency	0.004	2,230	0.0024	0.331
Kabuchai/Chwele	0.001	2,100	0.0006	0.333
West Nalondo	0.001	2,290	0.0006	0.336
Bwake/Luuya	0.001	2,390	0.0006	0.330
Mukuyuni	0.001	2,160	0.0006	0.321
Bumula Constituency	0.005	2,300	0.0032	0.342
South Bukusu	0.001	2,650	0.0005	0.370
Bumula	0.001	2,010	0.0005	0.322
Khasoko	0.000	2,470	0.0003	0.347
Kabula	0.001	2,360	0.0004	0.326
Kimaeti	0.001	2,340	0.0007	0.333
West Bukusu	0.001	2,140	0.0003	0.339
Siboti	0.001	2,260	0.0006	0.343
Kanduyi Constituency	0.006	3,090	0.0054	0.408
Bukembe West	0.001	2,700	0.0004	0.356
Bukembe East	0.001	2,440	0.0005	0.342
Township	0.000	5,220	0.0007	0.438
Khalaba	0.001	4,270	0.0008	0.366
Musikoma	0.001	2,780	0.0008	0.410
East SangAlo	0.001	2,160	0.0005	0.326
Marakary/Tuuti	0.001	2,610	0.0007	0.380

West SangAlo	0.001	3,620	0.0009	0.398
Webuye East Constituency	0.003	4,560	0.0036	0.528
Mihuu	0.001	2,940	0.0009	0.350
Ndivisi	0.001	2,840	0.0009	0.372
Maraka	0.001	10,000	0.0018	0.580
Webuye West Constituency	0.003	2,720	0.0027	0.396
Misikhu	0.001	2,360	0.0006	0.391
Sitikho	0.001	2,600	0.0006	0.391
Matulo	0.001	3,030	0.0008	0.400
Bokoli	0.001	2,880	0.0007	0.385
Kimilili Constituency	0.003	5,990	0.0061	0.376
Kibingei	0.001	6,740	0.0018	0.343
Kimilili	0.001	6,140	0.0017	0.346
Maeni	0.001	7,500	0.0014	0.378
Kamukuywa	0.001	4,180	0.0012	0.360
Tongaren Constituency	0.005	2,670	0.0039	0.389
Mbakalo	0.001	2,770	0.0007	0.409
Naitiri/Kabuyefwe	0.001	2,850	0.0008	0.398
Milima	0.001	2,390	0.0006	0.362
Ndalu	0.001	3,130	0.0005	0.420
Tongaren	0.001	2,830	0.0007	0.372
Soysambu/Mitua	0.001	2,090	0.0005	0.337

Table 3.7: Education by County, Constituency and Ward

County/Constituency /Ward	None	Primary	Secondary+	Total Pop
<b>Kenya</b>	<b>25.2</b>	<b>52.0</b>	<b>22.8</b>	<b>34,024,396</b>
<b>Rural</b>	<b>29.5</b>	<b>54.7</b>	<b>15.9</b>	<b>23,314,262</b>
<b>Urban</b>	<b>15.8</b>	<b>46.2</b>	<b>38.0</b>	<b>10,710,134</b>
Bungoma County	17.9	60.9	21.2	1,195,784
Mt Elgon Constituency	19.4	64.1	16.5	150,119
Cheptais	20.2	61.3	18.6	24,902
Chesikaki	18.0	61.8	20.2	20,913
Chepyuk	20.3	69.6	10.1	22,064
Kapkateny	20.1	66.0	13.9	24,935
Kaptama	19.1	66.6	14.3	29,407
Elgon	18.9	59.4	21.7	27,898
Sirisia Constituency	18.0	62.1	19.9	89,384
Namwela	16.9	61.2	22.0	23,873
Malakisi/South Kulisiru	18.6	61.3	20.1	30,705
Lwandanyi	18.3	63.4	18.4	34,806
Kabuchai Constituency	17.6	60.8	21.6	123,338
Kabuchai/Chwele	17.0	59.4	23.6	31,133
West Nalondo	18.3	61.4	20.3	29,108
Bwake/Luuya	18.3	60.9	20.9	29,904
Mukuyuni	16.9	61.5	21.6	33,193
Bumula Constituency	20.3	64.7	14.9	155,349
South Bukusu	18.7	64.2	17.1	20,449

Bumula	22.5	63.2	14.3	27,730
Khasoko	22.1	63.0	14.9	11,857
Kabula	20.0	62.4	17.6	18,022
Kimaeti	19.1	67.3	13.6	31,700
West Bukusu	20.0	64.7	15.3	17,377
Siboti	20.5	66.0	13.6	28,214
Kanduyi Constituency	17.1	57.2	25.7	196,930
Bukembe West	18.0	61.1	20.9	17,943
Bukembe East	15.3	55.6	29.1	22,179
Township	11.2	42.6	46.2	15,263
Khalaba	11.7	45.8	42.4	21,673
Musikoma	17.6	58.8	23.6	33,024
East SangAlo	19.3	63.0	17.7	27,598
Marakary/Tuuti	19.3	60.9	19.8	30,388
West SangAlo	20.0	60.9	19.1	28,862
Webuye East Constituency	16.9	59.1	24.0	89,042
Mihuu	17.1	61.3	21.6	33,237
Ndivisi	17.6	59.2	23.2	34,651
Maraka	15.6	55.4	29.0	21,154
Webuye West Constituency	17.5	58.5	24.1	111,696
Misikhu	17.1	62.6	20.3	27,492
Sitikho	20.0	61.7	18.3	26,260
Matulo	15.8	51.4	32.8	29,235
Bokoli	17.2	58.7	24.0	28,709
Kimilili Constituency	17.1	61.0	21.8	115,350
Kibingei	17.0	58.0	25.1	30,329
Kimilili	16.5	60.1	23.5	31,088
Maeni	17.7	63.5	18.9	21,299
Kamukuywa	17.5	63.2	19.2	32,634
Tongaren Constituency	16.7	61.0	22.3	164,576
Mbakalo	17.8	62.0	20.2	28,112
Naitiri/Kabuyefwe	17.1	60.9	22.0	33,447
Milima	15.1	59.5	25.4	29,195
Ndalu	16.6	59.1	24.4	18,612
Tongaren	16.4	61.3	22.3	29,810
Soysambu/Mitua	16.9	62.8	20.3	25,400

Table 3.8: Education for Male and Female Headed Households by County, Constituency and Ward

County/Constituency/ Ward	None	Primary	Secondary+	Total Pop		None	Primary	Secondary+	Total Pop
Kenya	23.5	51.8	24.7	16,819,031		26.8	52.2	21.0	17,205,365
Rural	27.7	54.9	17.4	11,472,394		31.2	54.4	14.4	11,841,868
Urban	14.4	45.2	40.4	5,346,637		17.2	47.2	35.6	5,363,497
Bungoma County	17.1	59.9	23.0	581,192		18.6	61.9	19.5	614,592
Mt Elgon Constituency	18.3	62.3	19.4	74,726		20.5	65.8	13.7	75,393
Cheptais	18.9	59.9	21.2	12,208		21.3	62.6	16.1	12,694

Chesikaki	17.1	60.1	22.8	10,232		18.8	63.5	17.8	10,681
Chepyuk	19.2	67.6	13.2	11,343		21.5	71.6	6.9	10,721
Kapkateny	19.5	63.5	17.1	12,478		20.7	68.6	10.8	12,457
Kaptama	17.4	64.8	17.8	14,687		20.8	68.4	10.8	14,720
Elgon	17.9	57.9	24.2	13,778		20.0	60.9	19.2	14,120
Sirisia Constituency	17.2	60.5	22.3	43,439		18.8	63.6	17.7	45,945
Namwela	16.7	59.0	24.3	11,638		17.0	63.3	19.7	12,235
Malakisi/South Kulisiru	17.8	59.9	22.3	14,888		19.3	62.7	18.0	15,817
Lwandanyi	17.0	62.1	21.0	16,913		19.5	64.6	15.9	17,893
Kabuchai Constituency	16.9	59.5	23.6	59,936		18.2	62.0	19.8	63,402
Kabuchai/Chwele	16.4	58.3	25.3	14,930		17.5	60.5	22.1	16,203
West Nalondo	17.0	61.1	21.9	14,248		19.6	61.6	18.8	14,860
Bwake/Luuya	18.0	58.8	23.2	14,553		18.5	62.8	18.6	15,351
Mukuyuni	16.2	59.9	23.9	16,205		17.5	63.1	19.5	16,988
Bumula Constituency	18.9	63.9	17.2	74,424		21.6	65.5	12.9	80,925
South Bukusu	17.2	63.2	19.6	9,802		20.1	65.1	14.8	10,647
Bumula	21.0	62.3	16.7	13,194		23.9	64.1	12.1	14,536
Khasoko	19.6	63.1	17.3	5,598		24.4	62.8	12.8	6,259
Kabula	18.4	61.9	19.8	8,652		21.5	62.9	15.6	9,370
Kimaeti	18.0	66.0	16.0	15,248		20.0	68.6	11.4	16,452
West Bukusu	19.0	63.8	17.3	8,385		21.0	65.5	13.5	8,992
Siboti	19.3	65.2	15.5	13,545		21.5	66.7	11.8	14,669
Kanduyi Constituency	16.3	56.2	27.5	95,357		17.8	58.2	24.0	101,573
Bukembe West	17.0	60.6	22.5	8,814		18.9	61.7	19.4	9,129
Bukembe East	14.9	53.6	31.5	10,992		15.8	57.6	26.7	11,187
Township	11.2	40.3	48.4	7,318		11.2	44.7	44.1	7,945
Khalaba	11.5	45.1	43.5	10,267		12.0	46.5	41.5	11,406
Musikoma	16.3	58.4	25.2	16,234		18.8	59.2	22.0	16,790
East SangAlo	18.3	61.3	20.4	13,242		20.3	64.5	15.2	14,356
Marakary/Tuuti	18.5	60.5	21.0	14,512		19.9	61.3	18.8	15,876
West SangAlo	19.0	59.8	21.2	13,978		21.0	61.8	17.2	14,884

Webuye East Constituency	16.4	58.3	25.2	43,462		17.4	59.9	22.7	45,580
Mihuu	16.9	60.5	22.6	16,300		17.2	62.2	20.6	16,937
Ndivisi	17.0	58.8	24.2	16,726		18.2	59.7	22.2	17,925
Maraka	14.7	54.3	31.0	10,436		16.5	56.4	27.0	10,718
Webuye West Constituency	17.0	57.2	25.8	54,499		17.9	59.7	22.5	57,197
Misikhu	16.8	61.8	21.4	13,462		17.4	63.5	19.2	14,030
Sitikho	19.3	60.0	20.7	12,834		20.6	63.4	16.0	13,426
Matulo	15.3	50.7	34.0	14,203		16.3	52.0	31.7	15,032
Bokoli	17.0	56.8	26.2	14,000		17.5	60.6	22.0	14,709
Kimilili Constituency	16.8	60.1	23.1	55,700		17.4	61.9	20.7	59,650
Kibingei	16.5	56.6	26.9	14,756		17.4	59.2	23.3	15,573
Kimilili	16.4	59.2	24.4	14,800		16.5	60.9	22.6	16,288
Maeni	17.0	62.6	20.5	10,373		18.3	64.3	17.4	10,926
Kamukuywa	17.3	62.6	20.1	15,771		17.8	63.9	18.4	16,863
Tongaren Constituency	16.2	60.8	23.1	79,649		17.1	61.3	21.6	84,927
Mbakalo	17.6	61.3	21.2	13,502		18.1	62.7	19.2	14,610
Naitiri/Kabuyefwe	16.7	60.3	23.1	16,173		17.6	61.4	21.0	17,274
Milima	14.7	59.4	25.8	14,141		15.5	59.6	24.9	15,054
Ndalu	15.6	58.8	25.6	9,150		17.5	59.4	23.1	9,462
Tongaren	15.8	61.7	22.5	14,455		16.9	61.0	22.1	15,355
Soysambu/Mitua	16.5	62.7	20.8	12,228		17.2	63.0	19.8	13,172

Table 3.9: Cooking Fuel by County, Constituency and Wards

County Constituency /Wards	Electricity	Paraffin	LPG	Biogas	Firewood	Charcoal	Solar	Other	Households
Kenya	0.8	11.7	5.1	0.7	64.4	17.0	0.1	0.3	8,493,380
Rural	0.2	1.4	0.6	0.3	90.3	7.1	0.1	0.1	5,239,879
Urban	1.8	28.3	12.3	1.4	22.7	32.8	0.0	0.6	3,253,501
Bungoma County	0.2	2.2	0.6	0.4	85.1	11.3	0.0	0.1	260,628
Mt Elgon Constituency	0.0	1.6	0.2	0.3	90.3	7.4	0.0	0.0	31,587
Cheptais	0.1	2.0	0.2	0.4	84.7	12.6	0.0	0.1	5,634
Chesikaki	-	4.5	0.0	0.2	91.8	3.6	-	-	4,478
Chepyuk	0.0	0.2	0.1	0.3	94.4	5.0	-	-	4,158
Kapkateny	0.0	0.8	0.0	0.5	94.4	4.3	-	0.0	5,268
Kaptama	-	1.0	0.0	0.3	94.6	4.0	0.0	0.0	6,035
Elgon	0.1	1.6	0.8	0.2	83.9	13.3	0.0	0.1	6,014
<b>Sirisia Constituency</b>	<b>0.1</b>	<b>1.4</b>	<b>0.2</b>	<b>0.3</b>	<b>92.5</b>	<b>5.3</b>	<b>0.0</b>	<b>0.1</b>	<b>19,819</b>
Namwela	0.2	2.2	0.1	0.2	94.4	2.9	0.0	0.0	5,168
Malakisi/South Kulisiru	0.0	1.1	0.2	0.4	92.5	5.7	-	0.1	6,802
Lwandanyi	0.1	1.2	0.3	0.3	91.3	6.7	0.0	0.2	7,849
<b>Kabuchai Constituency</b>	<b>0.1</b>	<b>1.4</b>	<b>0.3</b>	<b>0.3</b>	<b>89.1</b>	<b>8.7</b>	<b>0.0</b>	<b>0.1</b>	<b>27,260</b>
Kabuchai/Chwele	0.4	2.9	0.4	0.3	74.5	21.3	0.0	0.2	7,343
West Nalondo	0.1	1.3	0.4	0.5	91.7	6.0	0.0	0.0	6,265
Bwake/Luuya	0.0	0.6	0.2	0.3	96.9	2.1	0.0	-	6,327
Mukuyuni	0.0	0.8	0.1	0.2	94.8	4.0	0.0	0.1	7,325
<b>Bumula Constituency</b>	<b>0.0</b>	<b>0.6</b>	<b>0.1</b>	<b>0.2</b>	<b>96.0</b>	<b>3.0</b>	<b>0.0</b>	<b>0.0</b>	<b>34,280</b>
South Bukusu	0.1	0.2	0.1	0.4	97.6	1.5	0.0	0.0	4,297
Bumula	0.0	0.5	0.1	0.2	96.8	2.3	-	0.1	6,232
Khasoko	0.0	0.8	0.1	0.2	94.4	4.5	0.0	-	2,640
Kabula	0.1	1.1	0.1	0.4	93.5	4.7	0.0	0.1	4,038
Kimaeti	0.0	0.7	0.0	0.1	95.1	3.9	0.0	0.0	7,044
West Bukusu	-	0.4	0.1	0.2	96.5	2.7	0.0	0.0	3,768
Siboti	0.1	0.6	0.1	0.2	97.0	2.0	0.0	0.0	6,261
<b>Kanduyi Constituency</b>	<b>0.9</b>	<b>4.4</b>	<b>1.7</b>	<b>0.7</b>	<b>65.7</b>	<b>26.3</b>	<b>0.0</b>	<b>0.2</b>	<b>46,059</b>
Bukembe West	0.1	0.8	0.1	0.3	93.7	4.9	-	0.1	3,663
Bukembe East	2.6	4.8	0.7	0.7	67.0	23.9	0.1	0.1	5,505

Township	1.9	12.9	5.8	1.9	11.2	66.0	0.0	0.4	4,420
Khalaba	1.5	10.2	6.7	1.3	20.7	58.8	-	0.8	6,324
Musikoma	0.5	4.1	0.4	0.8	59.9	34.0	0.0	0.3	8,169
East SangAlo	0.0	0.5	0.0	0.2	96.9	2.3	0.0	-	6,073
Marakary/Tuuti	0.3	1.5	0.4	0.4	86.3	10.9	0.0	0.1	6,591
West SangAlo	0.2	1.1	0.2	0.4	92.0	6.1	0.0	-	5,314
<b>Webuye East Constituency</b>	<b>0.2</b>	<b>2.4</b>	<b>0.6</b>	<b>0.7</b>	<b>81.7</b>	<b>14.3</b>	<b>-</b>	<b>0.2</b>	<b>19,017</b>
Mihuu	0.1	1.2	0.4	0.8	91.4	6.0	-	0.1	7,187
Ndivisi	0.1	1.2	0.3	0.3	90.8	7.3	-	0.0	7,294
Maraka	0.4	6.2	1.5	0.9	51.6	38.9	-	0.5	4,536
<b>Webuye West Constituency</b>	<b>0.2</b>	<b>3.0</b>	<b>1.1</b>	<b>0.5</b>	<b>81.2</b>	<b>13.9</b>	<b>0.0</b>	<b>0.2</b>	<b>24,124</b>
Misikhu	0.1	0.6	0.2	0.6	94.5	4.0	0.0	0.1	5,751
Sitikho	0.0	1.0	0.1	0.2	96.8	1.8	0.0	0.0	5,418
Matulo	0.5	7.2	3.3	0.7	49.1	38.7	0.1	0.5	7,216
Bokoli	0.1	2.0	0.2	0.3	93.4	3.9	0.0	0.1	5,739
<b>Kimilili Constituency</b>	<b>0.2</b>	<b>2.7</b>	<b>0.6</b>	<b>0.5</b>	<b>83.0</b>	<b>12.9</b>	<b>0.0</b>	<b>0.1</b>	<b>24,454</b>
Kibingei	0.2	1.5	0.6	0.4	86.5	10.7	0.0	0.2	6,460
Kimilili	0.4	5.8	1.2	0.6	66.3	25.5	0.0	0.2	7,257
Maeni	0.0	0.8	0.0	0.3	96.4	2.4	-	0.1	4,306
Kamukuywa	0.1	1.6	0.2	0.5	89.3	8.1	0.0	0.0	6,431
<b>Tongaren Constituency</b>	<b>0.0</b>	<b>1.3</b>	<b>0.2</b>	<b>0.3</b>	<b>94.4</b>	<b>3.6</b>	<b>0.0</b>	<b>0.1</b>	<b>34,028</b>
Mbakalo	0.1	0.7	0.1	0.5	96.3	2.3	0.0	0.0	5,606
Naitiri/Kabuyefwe	0.0	0.8	0.2	0.2	96.2	2.5	0.0	0.1	6,799
Milima	0.1	2.1	0.5	0.3	91.1	5.8	0.0	0.2	6,273
Ndalu	0.1	2.0	0.2	0.2	93.0	4.3	-	0.1	3,763
Tongaren	0.0	1.0	0.2	0.3	95.8	2.6	0.0	0.0	6,170
Soysambu/Mitua	0.0	1.2	0.3	0.3	93.6	4.6	-	0.1	5,417

Table 3.10: Cooking Fuel for Male Headed Households by County, Constituency and Ward

County/Constituency/ Ward	Electricity	Paraffin	LPG	Biogas	Firewood	Charcoal	Solar	Other	Households
<b>Kenya</b>	<b>0.9</b>	<b>13.5</b>	<b>5.3</b>	<b>0.8</b>	<b>61.4</b>	<b>17.7</b>	<b>0.1</b>	<b>0.4</b>	<b>5,762,320</b>
<b>Rural</b>	<b>0.2</b>	<b>1.6</b>	<b>0.6</b>	<b>0.3</b>	<b>89.6</b>	<b>7.5</b>	<b>0.1</b>	<b>0.1</b>	<b>3,413,616</b>
<b>Urban</b>	<b>1.9</b>	<b>30.9</b>	<b>12.0</b>	<b>1.4</b>	<b>20.4</b>	<b>32.5</b>	<b>0.0</b>	<b>0.7</b>	<b>2,348,704</b>
Bungoma County	0.2	2.2	0.6	0.4	85.1	11.3	0.0	0.1	260,628
Mt Elgon Constituency	0.0	1.6	0.2	0.3	90.3	7.4	0.0	0.0	31,587
Cheptais	0.1	2.0	0.2	0.4	84.7	12.6	0.0	0.1	5,634
Chesikaki	-	4.5	0.0	0.2	91.8	3.6	-	-	4,478
Chepyuk	0.0	0.2	0.1	0.3	94.4	5.0	-	-	4,158
Kapkateny	0.0	0.8	0.0	0.5	94.4	4.3	-	0.0	5,268
Kaptama	-	1.0	0.0	0.3	94.6	4.0	0.0	0.0	6,035
Elgon	0.1	1.6	0.8	0.2	83.9	13.3	0.0	0.1	6,014
Sirisia Constituency	0.1	1.4	0.2	0.3	92.5	5.3	0.0	0.1	19,819
Namwela	0.2	2.2	0.1	0.2	94.4	2.9	0.0	0.0	5,168
Malakisi/South Kulisiru	0.0	1.1	0.2	0.4	92.5	5.7	-	0.1	6,802
Lwandanyi	0.1	1.2	0.3	0.3	91.3	6.7	0.0	0.2	7,849
Kabuchai Constituency	0.1	1.4	0.3	0.3	89.1	8.7	0.0	0.1	27,260
Kabuchai/Chwele	0.4	2.9	0.4	0.3	74.5	21.3	0.0	0.2	7,343
West Nalondo	0.1	1.3	0.4	0.5	91.7	6.0	0.0	0.0	6,265
Bwake/Luuya	0.0	0.6	0.2	0.3	96.9	2.1	0.0	-	6,327
Mukuyuni	0.0	0.8	0.1	0.2	94.8	4.0	0.0	0.1	7,325
Bumula Constituency	0.0	0.6	0.1	0.2	96.0	3.0	0.0	0.0	34,280
South Bukusu	0.1	0.2	0.1	0.4	97.6	1.5	0.0	0.0	4,297
Bumula	0.0	0.5	0.1	0.2	96.8	2.3	-	0.1	6,232
Khasoko	0.0	0.8	0.1	0.2	94.4	4.5	0.0	-	2,640
Kabula	0.1	1.1	0.1	0.4	93.5	4.7	0.0	0.1	4,038
Kimaeti	0.0	0.7	0.0	0.1	95.1	3.9	0.0	0.0	7,044
West Bukusu	-	0.4	0.1	0.2	96.5	2.7	0.0	0.0	3,768
Siboti	0.1	0.6	0.1	0.2	97.0	2.0	0.0	0.0	6,261
Kanduyi Constituency	0.9	4.4	1.7	0.7	65.7	26.3	0.0	0.2	46,059
Bukembe West	0.1	0.8	0.1	0.3	93.7	4.9	-	0.1	3,663



Bukembe East	2.6	4.8	0.7	0.7	67.0	23.9	0.1	0.1	5,505
Township	1.9	12.9	5.8	1.9	11.2	66.0	0.0	0.4	4,420
Khalaba	1.5	10.2	6.7	1.3	20.7	58.8	-	0.8	6,324
Musikoma	0.5	4.1	0.4	0.8	59.9	34.0	0.0	0.3	8,169
East SangAlo	0.0	0.5	0.0	0.2	96.9	2.3	0.0	-	6,073
Marakary/Tuuti	0.3	1.5	0.4	0.4	86.3	10.9	0.0	0.1	6,591
West SangAlo	0.2	1.1	0.2	0.4	92.0	6.1	0.0	-	5,314
Webuye East Constituency	0.2	2.4	0.6	0.7	81.7	14.3	-	0.2	19,017
Mihuu	0.1	1.2	0.4	0.8	91.4	6.0	-	0.1	7,187
Ndivisi	0.1	1.2	0.3	0.3	90.8	7.3	-	0.0	7,294
Maraka	0.4	6.2	1.5	0.9	51.6	38.9	-	0.5	4,536
Webuye West Constituency	0.2	3.0	1.1	0.5	81.2	13.9	0.0	0.2	24,124
Misikhu	0.1	0.6	0.2	0.6	94.5	4.0	0.0	0.1	5,751
Sitikho	0.0	1.0	0.1	0.2	96.8	1.8	0.0	0.0	5,418
Matulo	0.5	7.2	3.3	0.7	49.1	38.7	0.1	0.5	7,216
Bokoli	0.1	2.0	0.2	0.3	93.4	3.9	0.0	0.1	5,739
Kimilili Constituency	0.2	2.7	0.6	0.5	83.0	12.9	0.0	0.1	24,454
Kibingei	0.2	1.5	0.6	0.4	86.5	10.7	0.0	0.2	6,460
Kimilili	0.4	5.8	1.2	0.6	66.3	25.5	0.0	0.2	7,257
Maeni	0.0	0.8	0.0	0.3	96.4	2.4	-	0.1	4,306
Kamukuywa	0.1	1.6	0.2	0.5	89.3	8.1	0.0	0.0	6,431
Tongaren Constituency	0.0	1.3	0.2	0.3	94.4	3.6	0.0	0.1	34,028
Mbakalo	0.1	0.7	0.1	0.5	96.3	2.3	0.0	0.0	5,606
Naitiri/Kabuyefwe	0.0	0.8	0.2	0.2	96.2	2.5	0.0	0.1	6,799
Milima	0.1	2.1	0.5	0.3	91.1	5.8	0.0	0.2	6,273
Ndal	0.1	2.0	0.2	0.2	93.0	4.3	-	0.1	3,763
Tongaren	0.0	1.0	0.2	0.3	95.8	2.6	0.0	0.0	6,170
Soysambu/Mitua	0.0	1.2	0.3	0.3	93.6	4.6	-	0.1	5,417

Table 3.11: Cooking Fuel for Female Headed Households by County, Constituency and Ward

County/Constituency/ Ward	Electricity	Paraffin	LPG	Biogas	Firewood	Charcoal	Solar	Other	Households
<b>Kenya</b>	<b>0.6</b>	<b>7.9</b>	<b>4.6</b>	<b>0.7</b>	<b>70.6</b>	<b>15.5</b>	<b>0.0</b>	<b>0.1</b>	<b>2,731,060</b>
<b>Rural</b>	<b>0.1</b>	<b>1.0</b>	<b>0.5</b>	<b>0.3</b>	<b>91.5</b>	<b>6.5</b>	<b>0.0</b>	<b>0.1</b>	<b>1,826,263</b>
<b>Urban</b>	<b>1.6</b>	<b>21.7</b>	<b>13.0</b>	<b>1.5</b>	<b>28.5</b>	<b>33.6</b>	<b>0.0</b>	<b>0.3</b>	<b>904,797</b>
Bungoma County	0.2	1.6	0.6	0.4	86.1	11.1	0.0	0.1	80,184
Mt Elgon Constituency	0.0	1.0	0.1	0.3	90.7	7.7	-	0.0	9,237
Cheptais	0.1	0.7	0.2	0.4	83.0	15.6	-	-	1,704
Chesikaki	-	4.2	-	0.2	92.9	2.7	-	-	1,510
Chepyuk	0.1	-	-	0.2	97.0	2.8	-	-	1,018
Kapkateny	-	0.5	-	0.6	94.8	4.1	-	-	1,524
Kaptama	-	0.2	0.1	0.2	96.3	3.1	-	0.1	1,695
Elgon	-	0.4	0.3	0.2	84.0	14.9	-	0.1	1,786
Sirisia Constituency	0.1	1.0	0.2	0.3	92.9	5.4	0.0	0.0	6,019
Namwela	0.2	1.9	0.2	0.2	94.6	2.9	-	-	1,507
Malakisi/South Kulisiru	-	0.4	0.1	0.3	93.2	5.9	-	0.0	2,061
Lwandanyi	0.1	0.9	0.3	0.3	91.7	6.6	0.0	0.1	2,451
Kabuchai Constituency	0.1	1.2	0.3	0.3	88.9	9.2	-	0.1	8,291
Kabuchai/Chwele	0.2	2.5	0.5	0.3	73.8	22.6	-	0.1	2,363
West Nalondo	0.1	1.0	0.7	0.6	91.8	5.8	-	0.1	1,758
Bwake/Luuya	-	0.4	0.1	0.3	97.0	2.1	-	-	2,021
Mukuyuni	-	0.6	0.0	0.1	95.3	3.8	-	0.2	2,149
Bumula Constituency	0.0	0.5	0.1	0.2	96.1	3.0	0.0	0.0	10,738
South Bukusu	0.1	0.1	0.1	0.3	98.4	0.9	-	-	1,343
Bumula	-	0.4	0.1	0.3	97.0	2.1	-	-	1,965
Khasoko	-	0.3	0.1	0.1	95.4	3.9	0.1	-	863
Kabula	-	1.2	0.1	0.3	93.6	4.6	-	0.2	1,224
Kimaeti	-	0.7	0.0	0.1	94.7	4.4	-	-	2,263
West Bukusu	-	0.1	0.2	0.2	95.6	3.8	-	0.1	1,146
Siboti	0.2	0.3	0.2	0.2	97.3	2.0	0.1	-	1,934
Kanduyi Constituency	0.7	3.1	1.7	0.8	67.1	26.5	0.0	0.1	13,538

Bukembe West	0.1	0.8	0.3	0.3	94.4	4.2	-	-	1,029
Bukembe East	2.0	3.0	0.4	0.4	71.3	22.7	0.1	0.1	1,574
Township	1.4	9.0	4.8	1.8	12.9	69.9	0.1	0.2	1,344
Khalaba	1.7	7.0	6.5	1.8	23.9	59.0	-	0.2	1,997
Musikoma	0.3	2.9	0.4	0.8	64.6	30.9	-	0.1	2,162
East SangAlo	-	0.6	0.1	0.2	96.7	2.4	-	-	1,942
Marakary/Tuuti	0.2	1.0	0.5	0.4	84.8	13.0	0.1	0.1	1,955
West SangAlo	0.3	0.7	0.1	0.6	91.9	6.3	0.1	-	1,535
Webuye East Constituency	0.1	1.6	0.6	0.6	84.0	13.0	-	0.1	5,876
Mihuu	0.1	0.9	0.3	1.0	91.5	6.0	-	0.0	2,215
Ndivisi	0.0	1.3	0.2	0.2	90.9	7.4	-	0.0	2,418
Maraka	0.3	3.2	1.9	0.8	57.4	36.0	-	0.3	1,243
Webuye West Constituency	0.1	2.7	1.1	0.4	81.1	14.4	0.0	0.1	7,191
Misikhu	-	0.5	0.2	0.6	93.6	5.0	-	0.1	1,748
Sitikho	-	0.7	0.1	0.2	97.2	1.7	-	-	1,657
Matulo	0.3	6.3	3.5	0.5	48.0	41.1	0.1	0.2	2,079
Bokoli	0.1	2.3	0.1	0.4	93.0	4.0	-	0.1	1,707
Kimilili Constituency	0.2	2.1	0.6	0.5	83.8	12.7	0.0	0.1	7,753
Kibingei	0.1	0.9	0.5	0.5	87.9	9.9	0.0	0.2	2,040
Kimilili	0.3	4.7	1.2	0.7	68.5	24.3	0.1	0.1	2,422
Maeni	-	0.5	-	0.2	97.1	2.3	-	-	1,322
Kamukuywa	0.2	1.1	0.3	0.6	89.6	8.3	-	-	1,969
Tongaren Constituency	0.0	0.7	0.2	0.2	95.6	3.2	0.0	0.0	11,541
Mbakalo	-	0.4	0.1	0.5	97.0	2.0	0.1	-	1,920
Naitiri/Kabuyefwe	-	0.5	0.1	0.2	96.7	2.4	-	0.0	2,255
Milima	-	1.4	0.4	0.2	92.2	5.6	-	0.1	2,227
Ndalu	-	0.9	0.3	0.1	95.2	3.6	-	-	1,182
Tongaren	0.0	0.6	-	0.1	96.9	2.3	-	-	2,091
Soysambu/Mitua	0.1	0.5	0.3	0.2	95.4	3.5	-	-	1,866

Table 3.12: Lighting Fuel by County, Constituency and Ward

County/Constituency/ Ward	Electricity	Pressure Lamp	Lantern	Tin Lamp	Gas Lamp	Fuelwood	Solar	Other	Households
<b>Kenya</b>	<b>22.9</b>	<b>0.6</b>	<b>30.6</b>	<b>38.5</b>	<b>0.9</b>	<b>4.3</b>	<b>1.6</b>	<b>0.6</b>	<b>5,762,320</b>
<b>Rural</b>	<b>5.2</b>	<b>0.4</b>	<b>34.7</b>	<b>49.0</b>	<b>1.0</b>	<b>6.7</b>	<b>2.2</b>	<b>0.7</b>	<b>3,413,616</b>
<b>Urban</b>	<b>51.4</b>	<b>0.8</b>	<b>23.9</b>	<b>21.6</b>	<b>0.6</b>	<b>0.4</b>	<b>0.7</b>	<b>0.6</b>	<b>2,348,704</b>
Bungoma County	4.4	0.5	26.7	66.6	0.6	0.6	0.5	0.1	180,444
Mt Elgon Constituency	1.6	0.1	18.1	77.4	0.5	1.9	0.3	0.1	22,350
Cheptais	1.8	0.2	22.6	74.2	0.6	0.2	0.2	0.1	3,930
Chesikaki	0.4	0.2	27.8	70.5	0.5	0.5	0.1	0.1	2,968
Chepyuk	0.5	0.1	3.7	93.5	0.6	1.3	0.1	0.1	3,140
Kapkateny	0.1	0.1	12.6	85.9	0.7	0.4	0.2	0.1	3,744
Kaptama	0.6	0.2	18.2	72.6	0.4	7.1	0.4	0.4	4,340
Elgon	5.3	0.1	21.4	71.6	0.3	0.9	0.4	0.0	4,228
Sirisia Constituency	1.7	0.3	26.0	70.7	0.4	0.6	0.3	0.1	13,800
Namwela	1.1	0.4	24.7	72.8	0.3	0.2	0.3	0.0	3,661
Malakisi/South Kulisiru	1.6	0.3	25.8	70.9	0.3	0.5	0.3	0.3	4,741
Lwandanyi	2.1	0.2	27.0	69.0	0.5	0.8	0.2	0.1	5,398
Kabuchai Constituency	1.8	0.5	27.0	69.3	0.8	0.2	0.3	0.1	18,969
Kabuchai/Chwele	3.7	0.9	33.5	60.3	0.9	0.2	0.2	0.3	4,980
West Nalondo	2.1	0.5	26.9	68.9	1.1	0.1	0.4	0.0	4,507
Bwake/Luuya	0.6	0.4	23.1	74.6	0.7	0.3	0.2	0.1	4,306
Mukuyuni	0.5	0.2	24.2	74.1	0.6	0.0	0.3	0.1	5,176
Bumula Constituency	0.7	0.4	16.6	80.8	0.7	0.5	0.2	0.0	23,542
South Bukusu	0.4	0.3	18.6	79.8	0.3	0.1	0.3	0.1	2,954
Bumula	0.4	0.2	14.0	84.4	0.9	0.1	0.1	0.0	4,267
Khasoko	1.1	0.7	18.3	78.1	1.1	0.3	0.3	0.0	1,777
Kabula	2.2	0.4	15.7	80.3	1.0	0.0	0.3	0.1	2,814
Kimaeti	0.5	0.3	19.4	77.4	0.6	1.6	0.2	0.0	4,781
West Bukusu	0.2	1.1	18.3	78.9	0.7	0.5	0.2	0.0	2,622
Siboti	0.8	0.3	13.8	84.4	0.4	0.2	0.2	0.0	4,327
Kanduyi Constituency	11.9	0.8	28.3	56.9	0.7	0.7	0.5	0.2	32,521
Bukembe West	1.3	0.5	26.9	69.2	1.4	0.1	0.4	0.2	2,634
Bukembe East	8.6	0.6	28.3	60.8	0.9	0.3	0.4	0.1	3,931
Township	42.4	0.8	31.9	23.3	0.4	0.2	0.5	0.6	3,076
Khalaba	32.9	1.0	34.3	30.6	0.3	0.1	0.4	0.5	4,327
Musikoma	8.5	1.4	36.2	52.0	0.7	0.6	0.4	0.3	6,007
East SangAlo	0.5	0.3	16.3	81.3	0.9	0.4	0.4	0.0	4,131
Marakary/Tuuti	3.4	0.5	32.2	62.2	0.5	0.5	0.7	0.0	4,636
West SangAlo	1.4	0.7	16.1	76.3	1.3	3.7	0.5	0.0	3,779
Webuye East Constituency	5.7	0.7	32.6	59.9	0.5	0.1	0.5	0.1	13,141
Mihuu	2.5	1.0	35.8	59.6	0.4	0.1	0.5	0.1	4,972
Ndivisi	3.3	0.4	26.4	68.7	0.6	0.0	0.5	0.0	4,876
Maraka	14.4	0.7	37.6	46.1	0.5	0.0	0.4	0.2	3,293
Webuye West Constituency	7.2	0.4	27.4	63.4	0.5	0.2	0.5	0.2	16,933
Misikhu	1.7	0.4	26.9	69.6	0.5	0.5	0.3	0.1	4,003
Sitikho	0.5	0.3	23.6	74.5	0.4	0.1	0.6	0.0	3,761
Matulo	21.3	0.6	34.0	42.3	0.4	0.2	0.6	0.6	5,137
Bokoli	1.4	0.3	23.3	73.5	0.6	0.1	0.6	0.0	4,032

Kimilili Constituency	5.0	0.5	27.7	65.3	0.8	0.2	0.3	0.2	16,701
Kibingei	5.4	0.6	28.8	63.0	1.1	0.3	0.2	0.6	4,420
Kimilili	9.4	0.6	33.9	55.1	0.4	0.2	0.3	0.1	4,835
Maeni	0.8	0.4	20.8	76.9	0.8	0.0	0.2	0.0	2,984
Kamukuywa	2.3	0.4	24.4	71.2	0.9	0.1	0.5	0.1	4,462
Tongaren Constituency	1.4	0.6	38.2	57.7	0.6	0.2	1.1	0.1	22,487
Mbakalo	0.8	0.7	26.4	70.6	0.6	0.1	0.8	0.1	3,686
Naitiri/Kabuyefwe	0.8	0.5	35.2	61.8	0.5	0.2	0.9	0.1	4,544
Milima	3.7	0.6	41.1	52.4	0.7	0.3	1.0	0.1	4,046
Ndalu	1.6	0.6	48.7	47.0	0.5	0.1	1.4	0.1	2,581
Tongaren	0.4	0.7	40.5	56.1	0.6	0.2	1.6	0.0	4,079
Soysambu/Mitua	1.3	0.5	40.9	54.8	0.9	0.4	1.0	0.1	3,551

Table 3.13: Lighting Fuel for Male Headed Households by County, Constituency and Ward

County/Constituency/ Ward	Electricity	Pressure Lamp	Lantern	Tin Lamp	Gas Lamp	Fuelwood	Solar	Other	Households
<b>Kenya</b>	<b>24.6</b>	<b>0.6</b>	<b>30.4</b>	<b>36.8</b>	<b>0.9</b>	<b>4.2</b>	<b>1.7</b>	<b>0.7</b>	<b>5,762,320</b>
<b>Rural</b>	<b>5.6</b>	<b>0.5</b>	<b>35.3</b>	<b>47.5</b>	<b>1.1</b>	<b>6.8</b>	<b>2.4</b>	<b>0.7</b>	<b>3,413,616</b>
<b>Urban</b>	<b>52.4</b>	<b>0.9</b>	<b>23.3</b>	<b>21.2</b>	<b>0.6</b>	<b>0.4</b>	<b>0.7</b>	<b>0.7</b>	<b>2,348,704</b>
Bungoma County	4.6	0.5	26.9	66.2	0.6	0.5	0.5	0.2	180,444
Mt Elgon Constituency	1.7	0.1	18.1	77.3	0.5	1.9	0.3	0.1	22,350
Cheptais	1.5	0.1	23.2	73.9	0.7	0.2	0.2	0.1	3,930
Chesikaki	0.5	0.1	28.3	70.1	0.4	0.4	0.0	0.1	2,968
Chepyuk	0.5	0.1	4.2	93.1	0.7	1.1	0.1	0.1	3,140
Kapkateny	0.2	0.1	12.5	86.0	0.6	0.4	0.2	0.1	3,744
Kaptama	0.7	0.2	18.5	72.3	0.5	7.0	0.5	0.4	4,340
Elgon	6.0	0.1	21.0	71.1	0.3	1.0	0.4	0.0	4,228
Sirisia Constituency	1.7	0.3	26.6	70.1	0.4	0.6	0.3	0.1	13,800
Namwela	1.0	0.4	25.4	72.1	0.4	0.2	0.4	0.1	3,661
Malakisi/South Kulisiru	1.6	0.3	26.4	70.3	0.3	0.6	0.2	0.2	4,741
Lwandanyi	2.1	0.2	27.5	68.5	0.5	0.8	0.2	0.1	5,398
Kabuchai Constituency	1.7	0.5	27.3	69.0	0.8	0.2	0.3	0.1	18,969
Kabuchai/Chwele	3.8	1.0	33.3	60.2	0.9	0.2	0.3	0.4	4,980
West Nalondo	2.0	0.4	27.6	68.2	1.1	0.2	0.4	0.0	4,507
Bwake/Luuya	0.6	0.3	23.6	74.3	0.6	0.3	0.2	0.1	4,306
Mukuyuni	0.5	0.3	24.2	73.9	0.6	0.0	0.3	0.1	5,176
Bumula Constituency	0.7	0.4	17.1	80.4	0.7	0.4	0.2	0.0	23,542
South Bukusu	0.5	0.3	19.1	79.1	0.4	0.2	0.3	0.1	2,954
Bumula	0.4	0.2	14.9	83.6	0.8	0.1	0.1	0.0	4,267
Khasoko	1.4	0.5	19.0	77.1	1.2	0.3	0.5	0.1	1,777
Kabula	2.2	0.4	15.1	80.7	1.2	0.0	0.3	0.0	2,814
Kimaeti	0.4	0.3	19.9	77.1	0.6	1.4	0.2	0.0	4,781
West Bukusu	0.3	0.9	18.6	78.7	0.8	0.5	0.3	0.0	2,622
Siboti	0.6	0.3	14.2	84.0	0.5	0.2	0.2	0.0	4,327
Kanduyi Constituency	12.1	0.8	28.2	56.9	0.7	0.7	0.4	0.2	32,521
Bukembe West	1.2	0.6	27.8	68.7	1.2	0.1	0.3	0.2	2,634
Bukembe East	9.2	0.6	27.6	60.6	1.0	0.3	0.5	0.1	3,931
Township	44.7	0.7	29.8	23.2	0.4	0.2	0.5	0.5	3,076
Khalaba	32.1	1.0	34.1	31.4	0.3	0.1	0.3	0.6	4,327
Musikoma	8.7	1.4	36.4	51.5	0.7	0.6	0.4	0.4	6,007
East SangAlo	0.5	0.2	16.3	81.3	0.8	0.5	0.4	0.0	4,131
Marakary/Tuuti	3.3	0.4	31.6	63.1	0.4	0.5	0.7	0.0	4,636
West SangAlo	1.6	0.8	16.5	75.7	1.3	3.5	0.6	0.0	3,779
Webuye East Constituency	6.0	0.7	33.0	59.0	0.5	0.1	0.5	0.1	13,141
Mihuu	2.5	1.1	36.4	58.7	0.4	0.1	0.5	0.1	4,972
Ndivisi	3.5	0.4	26.7	67.9	0.7	0.1	0.6	0.0	4,876
Maraka	14.8	0.6	37.2	46.1	0.5	0.1	0.5	0.3	3,293
Webuye West Constituency	7.3	0.4	27.7	63.1	0.5	0.2	0.6	0.2	16,933
Misikhu	1.4	0.3	27.3	69.5	0.5	0.5	0.4	0.0	4,003
Sitikho	0.6	0.3	24.1	73.9	0.5	0.1	0.6	0.0	3,761

Matulo	21.4	0.6	33.9	42.3	0.4	0.2	0.6	0.6	5,137
Bokoli	1.4	0.3	23.5	73.1	0.6	0.2	0.7	0.0	4,032
Kimilili Constituency	5.1	0.5	27.9	65.0	0.7	0.1	0.3	0.2	16,701
Kibingei	5.4	0.6	29.2	62.9	1.0	0.2	0.2	0.5	4,420
Kimilili	9.8	0.6	34.5	54.1	0.4	0.1	0.3	0.2	4,835
Maeni	0.9	0.4	20.4	77.2	0.8	0.0	0.3	0.0	2,984
Kamukuywa	2.6	0.4	24.7	70.7	0.8	0.2	0.6	0.1	4,462
Tongaren Constituency	1.5	0.6	39.0	56.7	0.6	0.2	1.2	0.1	22,487
Mbakalo	0.9	0.7	27.2	69.6	0.6	0.0	0.8	0.1	3,686
Naitiri/Kabuyefwe	0.9	0.6	36.6	60.1	0.6	0.2	0.9	0.2	4,544
Milima	3.9	0.6	41.8	51.4	0.7	0.3	1.1	0.1	4,046
Ndalu	1.7	0.4	48.0	47.6	0.3	0.1	1.7	0.1	2,581
Tongaren	0.4	0.7	41.2	55.1	0.6	0.2	1.8	0.1	4,079
Soysambu/Mitua	1.4	0.6	42.0	53.3	0.8	0.5	1.2	0.1	3,551

Table 3.14: Lighting Fuel for Female Headed Households by County, Constituency and Ward

County/Constituency/ Ward	Electricity	Pressure Lamp	Lantern	Tin Lamp	Gas Lamp	Fuelwood	Solar	Other	Households
<b>Kenya</b>	<b>19.2</b>	<b>0.5</b>	<b>31.0</b>	<b>42.1</b>	<b>0.8</b>	<b>4.5</b>	<b>1.4</b>	<b>0.5</b>	<b>2,731,060</b>
<b>Rural</b>	<b>4.5</b>	<b>0.4</b>	<b>33.7</b>	<b>51.8</b>	<b>0.8</b>	<b>6.5</b>	<b>1.8</b>	<b>0.5</b>	<b>1,826,263</b>
<b>Urban</b>	<b>48.8</b>	<b>0.8</b>	<b>25.4</b>	<b>22.6</b>	<b>0.7</b>	<b>0.6</b>	<b>0.6</b>	<b>0.5</b>	<b>904,797</b>
Bungoma County	4.2	0.5	26.3	67.4	0.6	0.6	0.4	0.1	80,184
Mt Elgon Constituency	1.4	0.2	18.3	77.5	0.5	1.9	0.2	0.1	9,237
Cheptais	2.7	0.2	21.5	74.7	0.4	0.2	0.2	-	1,704
Chesikaki	0.2	0.2	26.8	71.1	0.8	0.6	0.3	-	1,510
Chepyuk	0.4	-	2.4	94.8	0.5	1.9	-	0.1	1,018
Kapkateny	0.1	0.1	12.8	85.6	0.9	0.3	0.1	0.1	1,524
Kaptama	0.4	0.2	17.5	73.3	0.4	7.6	0.2	0.4	1,695
Elgon	3.6	0.1	22.4	72.8	0.3	0.6	0.2	-	1,786
Sirisia Constituency	1.7	0.3	24.7	72.0	0.3	0.5	0.3	0.2	6,019
Namwela	1.3	0.4	23.0	74.4	0.3	0.4	0.2	-	1,507
Malakisi/South Kulisiru	1.7	0.4	24.4	72.2	0.2	0.3	0.4	0.3	2,061
Lwandanyi	1.9	0.2	26.1	70.2	0.4	0.9	0.2	0.1	2,451
Kabuchai Constituency	1.8	0.5	26.6	69.9	0.7	0.2	0.2	0.1	8,291
Kabuchai/Chwele	3.6	0.7	33.9	60.6	0.8	0.3	0.1	0.1	2,363
West Nalondo	2.4	0.6	25.0	70.6	0.9	0.1	0.4	0.1	1,758
Bwake/Luuya	0.6	0.6	22.1	75.4	0.8	0.2	0.2	0.0	2,021
Mukuyuni	0.7	0.2	24.0	74.5	0.4	0.0	0.1	0.0	2,149
Bumula Constituency	0.7	0.5	15.7	81.7	0.5	0.6	0.2	0.1	10,738
South Bukusu	0.3	0.2	17.3	81.2	0.3	0.1	0.4	0.1	1,343
Bumula	0.3	0.3	12.1	86.1	1.0	0.2	0.1	0.1	1,965
Khasoko	0.7	1.0	16.8	80.3	0.8	0.2	0.1	-	863
Kabula	2.1	0.3	17.0	79.4	0.6	-	0.3	0.2	1,224
Kimaeti	0.6	0.3	18.4	78.0	0.5	2.1	0.1	-	2,263
West Bukusu	0.1	1.7	17.5	79.4	0.4	0.7	0.1	-	1,146
Siboti	1.1	0.3	12.7	85.3	0.3	0.2	0.1	0.1	1,934
Kanduyi Constituency	11.6	0.8	28.6	56.8	0.8	0.7	0.5	0.2	13,538

Bukembe West	1.4	0.5	24.6	70.7	1.9	0.2	0.6	0.2	1,029
Bukembe East	7.1	0.6	29.9	61.1	0.8	0.3	0.3	-	1,574
Township	37.0	0.8	36.7	23.4	0.4	0.4	0.7	0.7	1,344
Khalaba	34.4	0.9	34.5	28.9	0.2	0.2	0.7	0.3	1,997
Musikoma	7.9	1.4	35.7	53.2	0.6	0.5	0.5	0.1	2,162
East SangAlo	0.5	0.4	16.1	81.3	1.1	0.3	0.4	-	1,942
Marakary/Tuuti	3.7	0.9	33.6	60.2	0.7	0.3	0.7	0.1	1,955
West SangAlo	0.9	0.5	14.9	78.0	1.2	4.0	0.4	-	1,535
Webuye East Constituency	4.9	0.7	31.6	61.8	0.5	0.1	0.4	0.1	5,876
Mihuu	2.3	0.9	34.3	61.5	0.5	0.1	0.4	0.0	2,215
Ndivisi	2.9	0.4	25.6	70.2	0.4	-	0.5	0.0	2,418
Maraka	13.4	0.9	38.6	46.0	0.6	-	0.4	0.1	1,243
Webuye West Constituency	7.1	0.4	26.7	64.3	0.6	0.3	0.4	0.2	7,191
Misikhu	2.3	0.5	26.0	69.7	0.7	0.6	0.1	0.1	1,748
Sitikho	0.4	0.5	22.2	75.9	0.3	0.1	0.7	-	1,657
Matulo	21.0	0.4	34.2	42.2	0.6	0.3	0.4	0.7	2,079
Bokoli	1.5	0.2	22.7	74.5	0.7	-	0.4	-	1,707
Kimilili Constituency	4.7	0.5	27.3	65.9	0.9	0.2	0.3	0.2	7,753
Kibingei	5.4	0.7	27.9	63.2	1.4	0.4	0.0	0.8	2,040
Kimilili	8.6	0.5	32.7	57.2	0.4	0.2	0.4	-	2,422
Maeni	0.7	0.5	21.6	76.3	0.8	-	0.2	0.1	1,322
Kamukuywa	1.9	0.2	23.8	72.5	1.1	0.1	0.5	0.1	1,969
Tongaren Constituency	1.3	0.6	36.6	59.7	0.7	0.2	0.9	0.1	11,541
Mbakalo	0.6	0.9	24.8	72.4	0.4	0.2	0.7	0.1	1,920
Naitiri/Kabuyefwe	0.6	0.2	32.3	65.3	0.5	0.2	0.8	0.0	2,255
Milima	3.5	0.5	39.9	54.1	0.8	0.3	0.9	0.1	2,227
Ndalu	1.4	0.9	50.3	45.6	0.7	0.1	0.8	0.1	1,182
Tongaren	0.4	0.7	39.0	58.2	0.6	0.1	1.1	-	2,091
Soysambu/Mitua	1.1	0.5	38.7	57.5	1.1	0.3	0.8	0.1	1,866

Table 3:15: Main material of the Floor by County, Constituency and Ward

County/Constituency/ ward	Cement	Tiles	Wood	Earth	Other	Households
<b>Kenya</b>	<b>41.2</b>	<b>1.6</b>	<b>0.7</b>	<b>56.0</b>	<b>0.5</b>	<b>8,493,380</b>
<b>Rural</b>	<b>22.1</b>	<b>0.3</b>	<b>0.7</b>	<b>76.5</b>	<b>0.4</b>	<b>5,239,879</b>
<b>Urban</b>	<b>71.8</b>	<b>3.5</b>	<b>0.9</b>	<b>23.0</b>	<b>0.8</b>	<b>3,253,501</b>
Bungoma County	19.8	0.4	0.3	79.3	0.2	260,628
Mt Elgon Constituency	12.7	0.2	0.4	86.4	0.4	31,587
Cheptais	20.4	0.3	0.2	78.9	0.2	5,634
Chesikaki	14.1	0.2	0.2	85.3	0.2	4,478
Chepyuk	3.0	-	1.0	94.9	1.2	4,158
Kapkateny	4.6	0.1	0.5	94.6	0.2	5,268
Kaptama	9.7	0.1	0.2	89.6	0.5	6,035
Elgon	21.1	0.2	0.4	78.1	0.2	6,014



Sirisia Constituency	18.1	0.2	0.2	81.5	0.1	19,819
Namwela	12.4	0.1	0.2	87.2	0.1	5,168
Malakisi/South Kulisiru	18.4	0.2	0.2	81.1	0.1	6,802
Lwandanyi	21.5	0.2	0.2	78.1	0.1	7,849
Kabuchai Constituency	15.2	0.1	0.3	84.0	0.3	27,260
Kabuchai/Chwele	25.4	0.1	0.1	74.0	0.2	7,343
West Nalondo	17.8	0.2	0.2	81.7	0.1	6,265
Bwake/Luuya	7.2	0.0	0.8	91.8	0.2	6,327
Mukuyuni	9.7	0.2	0.2	89.2	0.7	7,325
Bumula Constituency	10.3	0.4	0.2	88.9	0.2	34,280
South Bukusu	9.6	0.1	0.1	90.0	0.1	4,297
Bumula	7.5	0.2	0.2	91.7	0.5	6,232
Khasoko	10.6	0.3	0.3	88.6	0.2	2,640
Kabula	11.4	0.0	0.1	88.4	0.1	4,038
Kimaeti	11.0	0.1	0.2	88.6	0.0	7,044
West Bukusu	12.0	3.0	0.3	84.3	0.3	3,768
Siboti	10.8	0.0	0.1	88.9	0.1	6,261
Kanduyi Constituency	36.3	0.8	0.3	62.4	0.2	46,059
Bukembe West	14.5	0.2	0.2	84.8	0.2	3,663
Bukembe East	31.1	0.4	0.2	68.2	0.0	5,505
Township	85.1	2.0	0.2	12.0	0.6	4,420
Khalaba	74.9	2.4	0.3	22.1	0.3	6,324
Musikoma	38.8	0.5	0.3	60.2	0.2	8,169
East SangAlo	6.6	0.1	0.3	92.7	0.3	6,073
Marakary/Tuuti	26.0	0.4	0.2	73.3	0.2	6,591
West SangAlo	13.1	0.2	0.2	86.4	0.2	5,314
Webuye East Constituency	23.8	0.3	0.3	75.6	0.1	19,017
Mihuu	14.4	0.2	0.3	85.0	0.1	7,187
Ndivisi	14.0	0.1	0.2	85.6	0.1	7,294
Maraka	54.3	0.7	0.2	44.5	0.3	4,536
Webuye West Constituency	21.4	0.6	0.2	77.4	0.3	24,124
Misikhu	9.8	0.1	0.3	89.4	0.4	5,751
Sitikho	7.1	0.1	0.2	92.5	0.1	5,418
Matulo	51.6	1.7	0.2	46.0	0.5	7,216
Bokoli	8.7	0.3	0.2	90.6	0.2	5,739
Kimilili Constituency	19.1	0.3	0.3	80.1	0.3	24,454
Kibingei	19.6	0.4	0.5	79.3	0.3	6,460
Kimilili	29.0	0.5	0.2	69.9	0.3	7,257
Maeni	8.0	0.1	0.1	91.6	0.2	4,306
Kamukuywa	14.7	0.1	0.2	84.7	0.3	6,431
Tongaren Constituency	15.8	0.2	0.4	83.3	0.2	34,028
Mbakalo	8.3	0.2	0.3	91.0	0.1	5,606
Naitiri/Kabuyefwe	12.4	0.1	1.2	86.0	0.2	6,799
Milima	22.3	0.3	0.3	76.9	0.2	6,273
Ndalu	22.4	0.3	0.1	77.0	0.2	3,763
Tongaren	16.5	0.1	0.1	83.1	0.2	6,170
Soysambu/Mitua	15.1	0.2	0.4	84.2	0.1	5,417

**Table 3.16: Main Material of the Floor in Male and Female Headed Households by County, Constituency and Ward**

County/Constituency/ ward	Cement	Tiles	Wood	Earth	Other	Households		Cement	Tiles	Wood	Earth	Other	Households
	Male							Female					
<b>Kenya</b>	42.8	1.6	0.8	54.2	0.6	5,762,320		37.7	1.4	0.7	59.8	0.5	2,731,060
<b>Rural</b>	22.1	0.3	0.7	76.4	0.4	3,413,616		22.2	0.3	0.6	76.6	0.3	1,826,263
<b>Urban</b>	72.9	3.5	0.9	21.9	0.8	2,348,704		69.0	3.6	0.9	25.8	0.8	904,797
Bungoma County	19.4	0.4	0.3	79.7	0.2	180,444		20.9	0.4	0.3	78.2	0.2	80,184
Mt Elgon Constituency	11.9	0.1	0.4	87.2	0.4	22,350		14.5	0.2	0.4	84.5	0.4	9,237
Cheptais	18.8	0.2	0.2	80.6	0.2	3,930		24.1	0.5	0.3	74.9	0.2	1,704
Chesikaki	13.6	0.2	0.1	86.0	0.1	2,968		15.2	0.3	0.3	84.0	0.3	1,510
Chepyuk	3.1	-	1.0	95.0	1.0	3,140		2.8	-	0.9	94.6	1.8	1,018
Kapkateny	4.4	0.1	0.5	94.7	0.2	3,744		5.2	-	0.4	94.3	0.1	1,524
Kaptama	9.3	0.1	0.2	90.0	0.5	4,340		10.7	0.1	0.3	88.4	0.5	1,695
Elgon	20.3	0.2	0.4	78.8	0.3	4,228		22.8	0.3	0.4	76.3	0.2	1,786
Sirisia Constituency	17.0	0.2	0.2	82.4	0.1	13,800		20.4	0.1	0.1	79.3	0.0	6,019
Namwela	12.1	0.1	0.2	87.4	0.1	3,661		13.1	-	0.1	86.8	-	1,507
Malakisi/South Kulisiru	16.8	0.1	0.3	82.6	0.1	4,741		22.0	0.2	0.0	77.6	0.1	2,061
Lwandanyi	20.6	0.2	0.2	78.9	0.1	5,398		23.5	0.1	0.2	76.2	-	2,451
Kabuchai Constituency	14.4	0.1	0.3	84.8	0.3	18,969		17.2	0.1	0.3	82.0	0.3	8,291
Kabuchai/Chwele	24.2	0.2	0.1	75.2	0.3	4,980		28.1	0.1	0.2	71.5	0.1	2,363
West Nalondo	17.0	0.2	0.1	82.6	0.1	4,507		20.0	0.2	0.4	79.2	0.2	1,758
Bwake/Luuya	6.8	0.0	0.8	92.2	0.2	4,306		8.2	0.1	0.7	90.8	0.2	2,021
Mukuyuni	8.9	0.1	0.3	89.9	0.8	5,176		11.4	0.2	0.1	87.6	0.7	2,149
Bumula Constituency	9.4	0.4	0.2	89.8	0.2	23,542		12.1	0.5	0.2	87.1	0.2	10,738
South Bukusu	8.4	0.1	0.1	91.3	0.1	2,954		12.4	0.1	0.1	87.2	0.3	1,343
Bumula	7.5	0.1	0.2	91.8	0.4	4,267		7.4	0.3	0.3	91.5	0.6	1,965
Khasoko	9.0	0.3	0.4	90.1	0.2	1,777		13.8	0.2	0.1	85.6	0.2	863
Kabula	10.1	0.1	0.1	89.7	0.1	2,814		14.3	-	0.3	85.3	0.1	1,224
Kimaeti	9.7	0.1	0.3	89.9	-	4,781		13.8	0.0	0.1	85.9	0.0	2,263
West Bukusu	11.3	2.8	0.4	85.2	0.3	2,622		13.8	3.6	0.1	82.4	0.2	1,146
Siboti	10.4	0.0	0.2	89.2	0.2	4,327		11.5	0.1	0.1	88.3	0.1	1,934
Kanduyi Constituency	35.6	0.8	0.3	63.0	0.3	32,521		37.9	0.7	0.2	61.0	0.2	13,538

Bukembe West	13.9	0.3	0.3	85.2	0.3	2,634		16.1	0.1	-	83.7	0.1	1,029
Bukembe East	31.2	0.5	0.3	68.0	0.1	3,931		30.8	0.2	0.2	68.8	-	1,574
Township	84.6	2.0	0.3	12.4	0.7	3,076		86.3	1.9	0.2	11.2	0.4	1,344
Khalaba	74.2	2.5	0.4	22.6	0.4	4,327		76.6	2.4	0.1	20.9	0.1	1,997
Musikoma	39.1	0.5	0.3	59.9	0.2	6,007		38.0	0.4	0.4	61.1	0.1	2,162
East SangAlo	6.2	0.1	0.3	93.1	0.2	4,131		7.4	0.1	0.2	91.9	0.5	1,942
Marakary/Tuuti	23.7	0.4	0.2	75.5	0.2	4,636		31.3	0.4	0.3	68.0	0.1	1,955
West SangAlo	12.7	0.2	0.2	86.8	0.2	3,779		13.9	0.2	0.4	85.4	0.1	1,535
Webuye East Constituency	24.1	0.2	0.2	75.4	0.1	13,141		23.2	0.3	0.3	76.0	0.2	5,876
Mihuu	14.0	0.2	0.2	85.6	0.1	4,972		15.4	0.2	0.5	83.7	0.1	2,215
Ndivisi	13.5	0.1	0.2	86.1	0.1	4,876		15.0	0.1	0.2	84.6	0.1	2,418
Maraka	54.9	0.5	0.2	44.1	0.2	3,293		52.8	1.0	0.2	45.5	0.6	1,243
Webuye West Constituency	21.0	0.6	0.2	77.8	0.3	16,933		22.4	0.6	0.3	76.4	0.3	7,191
Misikhu	9.1	0.1	0.2	90.0	0.5	4,003		11.3	0.1	0.4	88.1	0.1	1,748
Sitikho	6.8	0.1	0.2	92.9	0.0	3,761		7.8	0.2	0.2	91.5	0.2	1,657
Matulo	50.9	1.7	0.3	46.8	0.4	5,137		53.3	1.7	0.2	44.1	0.7	2,079
Bokoli	8.1	0.3	0.2	91.1	0.2	4,032		10.3	0.2	0.2	89.2	0.2	1,707
Kimilili Constituency	18.9	0.3	0.3	80.2	0.3	16,701		19.4	0.3	0.3	79.8	0.3	7,753
Kibingei	19.7	0.4	0.4	79.2	0.3	4,420		19.4	0.3	0.5	79.4	0.3	2,040
Kimilili	29.2	0.6	0.2	69.6	0.3	4,835		28.7	0.4	0.3	70.4	0.2	2,422
Maeni	8.0	0.1	0.1	91.7	0.2	2,984		8.2	0.2	0.1	91.4	0.2	1,322
Kamukuywa	14.4	0.1	0.3	84.9	0.3	4,462		15.5	0.1	0.1	84.2	0.3	1,969
Tongaren Constituency	15.7	0.2	0.5	83.4	0.2	22,487		16.0	0.2	0.4	83.2	0.1	11,541
Mbakalo	8.2	0.2	0.4	91.0	0.1	3,686		8.4	0.2	0.2	91.0	0.2	1,920
Naitiri/Kabuyefwe	12.6	0.1	1.2	85.8	0.3	4,544		12.2	0.2	1.2	86.3	0.1	2,255
Milima	22.0	0.4	0.2	77.1	0.2	4,046		22.9	0.2	0.4	76.5	0.1	2,227
Ndalu	21.8	0.3	0.1	77.7	0.2	2,581		23.7	0.4	0.1	75.5	0.3	1,182
Tongaren	16.3	0.1	0.1	83.3	0.2	4,079		17.0	0.1	0.1	82.6	0.1	2,091
Soysambu/Mitua	15.5	0.2	0.5	83.8	0.1	3,551		14.5	0.2	0.3	84.9	0.2	1,866

Table 3.17: Main Roofing Material by County Constituency and Ward

County/Constituency/Ward	Corrugated Iron Sheets	Tiles	Concrete	Asbestos sheets	Grass	Makuti	Tin	Mud/Dung	Other	Households
<b>Kenya</b>	<b>73.5</b>	<b>2.2</b>	<b>3.6</b>	<b>2.2</b>	<b>13.3</b>	<b>3.2</b>	<b>0.3</b>	<b>0.8</b>	<b>1.0</b>	<b>8,493,380</b>
<b>Rural</b>	<b>70.3</b>	<b>0.7</b>	<b>0.2</b>	<b>1.8</b>	<b>20.2</b>	<b>4.2</b>	<b>0.2</b>	<b>1.2</b>	<b>1.1</b>	<b>5,239,879</b>
<b>Urban</b>	<b>78.5</b>	<b>4.6</b>	<b>9.1</b>	<b>2.9</b>	<b>2.1</b>	<b>1.5</b>	<b>0.3</b>	<b>0.1</b>	<b>0.9</b>	<b>3,253,501</b>
Bungoma County	77.6	0.5	0.1	2.7	18.5	0.1	0.2	0.0	0.2	260,628
Mt Elgon Constituency	63.0	0.4	0.1	2.1	33.0	0.2	0.2	0.0	0.9	31,587
Cheptais	81.5	0.3	0.0	0.6	16.9	0.1	0.3	0.0	0.3	5,634
Chesikaki	71.0	0.4	0.0	2.9	25.1	0.2	0.0	0.0	0.3	4,478
Chepyuk	38.6	0.3	0.1	1.2	54.3	1.0	1.0	0.1	3.5	4,158
Kapkateny	58.1	0.5	0.1	6.7	33.9	0.2	0.0	0.0	0.6	5,268
Kaptama	55.1	0.4	0.1	1.5	41.7	0.0	0.1	0.0	1.0	6,035
Elgon	68.9	0.6	0.0	0.4	29.6	0.1	0.0	0.0	0.4	6,014
Sirisia Constituency	64.0	0.4	0.1	2.4	32.9	0.0	0.0	0.2	0.0	19,819
Namwela	75.9	0.6	0.0	5.3	17.6	0.0	0.1	0.5	0.0	5,168
Malakisi/South Kulisiru	64.0	0.5	0.1	1.1	34.3	0.0	0.0	0.1	0.0	6,802
Lwandanyi	56.2	0.3	0.1	1.5	41.8	0.1	0.0	0.1	0.0	7,849
Kabuchai Constituency	80.1	0.5	0.0	3.8	15.2	0.1	0.0	0.1	0.2	27,260
Kabuchai/Chwele	76.1	0.4	0.1	10.1	13.0	0.0	0.0	0.1	0.1	7,343
West Nalondo	82.0	0.6	0.0	0.7	16.6	0.0	0.0	0.0	0.0	6,265
Bwake/Luuya	78.5	0.6	0.0	2.9	17.4	0.1	0.0	0.1	0.4	6,327
Mukuyuni	83.9	0.5	0.0	1.0	14.2	0.1	0.0	0.0	0.1	7,325
Bumula Constituency	57.1	0.4	0.0	1.9	40.0	0.1	0.2	0.0	0.1	34,280
South Bukusu	74.4	0.3	0.0	4.5	20.6	0.0	0.0	0.0	0.0	4,297
Bumula	55.9	0.5	0.0	1.9	40.8	0.2	0.0	0.0	0.4	6,232
Khasoko	53.4	0.7	0.1	4.2	41.3	0.2	0.0	0.0	0.1	2,640
Kabula	80.2	0.3	0.0	2.5	17.0	0.0	0.0	0.0	0.0	4,038
Kimaeti	48.8	0.4	0.0	1.2	49.4	0.1	0.0	0.1	0.0	7,044
West Bukusu	56.5	0.5	0.0	0.1	42.7	0.1	0.0	0.0	0.2	3,768
Siboti	42.9	0.4	0.0	0.8	54.6	0.1	1.2	0.0	0.0	6,261
Kanduyi Constituency	84.5	0.8	0.4	3.2	10.7	0.1	0.2	0.0	0.1	46,059
Bukembe West	90.4	0.5	0.0	2.8	6.3	0.0	0.0	0.0	0.0	3,663
Bukembe East	89.5	1.0	0.1	3.9	5.3	0.2	0.0	0.0	0.0	5,505
Township	91.0	2.4	1.8	3.5	0.2	0.0	0.3	0.0	0.7	4,420
Khalaba	96.3	0.6	1.3	1.2	0.4	0.0	0.0	0.0	0.1	6,324
Musikoma	90.2	0.3	0.2	0.3	8.6	0.3	0.0	0.1	0.0	8,169
East SangAlo	71.4	0.4	0.0	6.5	21.5	0.0	0.0	0.0	0.1	6,073
Marakary/Tuuti	72.4	0.4	0.1	5.1	21.8	0.0	0.0	0.1	0.0	6,591
West SangAlo	77.3	0.9	0.0	3.2	17.2	0.0	1.2	0.1	0.0	5,314
Webuye East Constituency	88.2	0.4	0.1	2.5	8.3	0.0	0.4	0.0	0.1	19,017
Mihuu	84.4	0.4	0.0	3.8	11.4	0.0	0.0	0.0	0.0	7,187
Ndivisi	87.6	0.3	0.0	2.8	8.3	0.0	0.9	0.0	0.1	7,294
Maraka	95.1	0.7	0.4	0.3	3.4	0.0	0.0	0.0	0.1	4,536
Webuye West Constituency	85.8	0.5	0.2	3.6	9.6	0.0	0.1	0.0	0.2	24,124
Misikhu	87.9	0.4	0.0	0.1	11.5	0.0	0.0	0.0	0.1	5,751
Sitikho	81.7	0.4	0.0	2.6	15.0	0.0	0.2	0.0	0.0	5,418
Matulo	88.6	0.9	0.6	6.5	2.9	0.0	0.0	0.1	0.4	7,216

Bokoli	83.9	0.3	0.0	4.5	11.1	0.1	0.0	0.0	0.1	5,739
Kimilili Constituency	87.8	0.5	0.1	3.3	7.5	0.1	0.7	0.0	0.1	24,454
Kibingei	90.0	0.6	0.2	1.7	7.1	0.2	0.1	0.1	0.1	6,460
Kimilili	90.0	0.4	0.1	3.8	5.0	0.0	0.5	0.0	0.2	7,257
Maeni	81.6	0.3	0.1	0.1	14.6	0.1	3.1	0.0	0.0	4,306
Kamukuywa	87.0	0.6	0.0	6.4	6.0	0.0	0.0	0.0	0.0	6,431
Tongaren Constituency	89.4	0.6	0.1	1.3	8.6	0.0	0.0	0.0	0.0	34,028
Mbakalo	86.7	0.7	0.0	0.1	12.3	0.1	0.0	0.0	0.0	5,606
Naitiri/Kabuyefwe	88.8	0.5	0.2	1.0	9.5	0.0	0.0	0.0	0.1	6,799
Milima	94.9	0.6	0.0	1.4	3.0	0.0	0.0	0.1	0.0	6,273
Ndalu	91.4	0.6	0.1	1.3	6.5	0.0	0.1	0.0	0.1	3,763
Tongaren	89.8	0.5	0.1	0.2	9.3	0.1	0.0	0.0	0.0	6,170
Soysambu/Mitua	84.6	0.8	0.1	3.8	10.6	0.0	0.0	0.1	0.0	5,417

Table 3.18: Main Roofing Material in Male Headed Households by County, Constituency and Ward

County/Constituency/Ward	Corrugated Iron Sheets	Tiles	Concrete	Asbestos sheets	Grass	Makuti	Tin	Mud/Dung	Other	Households
<b>Kenya</b>	<b>73.0</b>	<b>2.3</b>	<b>3.9</b>	<b>2.3</b>	<b>13.5</b>	<b>3.2</b>	<b>0.3</b>	<b>0.5</b>	<b>1.0</b>	<b>5,762,320</b>
<b>Rural</b>	<b>69.2</b>	<b>0.8</b>	<b>0.2</b>	<b>1.8</b>	<b>21.5</b>	<b>4.4</b>	<b>0.2</b>	<b>0.9</b>	<b>1.1</b>	<b>3,413,616</b>
<b>Urban</b>	<b>78.5</b>	<b>4.6</b>	<b>9.3</b>	<b>2.9</b>	<b>2.0</b>	<b>1.4</b>	<b>0.3</b>	<b>0.1</b>	<b>0.9</b>	<b>2,348,704</b>
Bungoma County	75.9	0.5	0.1	2.6	20.3	0.1	0.2	0.0	0.2	180,444
Mt Elgon Constituency	61.4	0.4	0.1	2.0	34.6	0.2	0.2	0.0	1.0	22,350
Cheptais	79.8	0.2	0.0	0.6	18.5	0.1	0.4	0.0	0.3	3,930
Chesikaki	68.5	0.4	0.0	2.8	27.7	0.2	-	-	0.3	2,968
Chepyuk	39.1	0.3	0.1	1.1	53.7	1.0	1.0	0.1	3.7	3,140
Kapkateny	57.1	0.6	0.1	5.8	35.7	0.1	0.0	0.1	0.6	3,744
Kaptama	53.9	0.4	0.1	1.7	42.6	0.1	0.0	0.1	1.2	4,340
Elgon	67.3	0.7	0.0	0.4	31.0	0.1	0.0	-	0.5	4,228
Sirisia Constituency	60.6	0.4	0.1	2.3	36.3	0.0	0.0	0.1	0.0	13,800
Namwela	73.1	0.5	0.0	5.5	20.3	0.0	0.1	0.4	-	3,661
Malakisi/South Kulisiru	60.2	0.5	0.1	1.0	38.1	-	-	0.1	0.0	4,741
Lwandanyi	52.5	0.3	0.0	1.4	45.6	0.1	0.1	0.0	0.0	5,398
Kabuchai Constituency	78.4	0.6	0.0	3.7	17.0	0.1	0.0	0.0	0.2	18,969
Kabuchai/Chwele	74.4	0.5	0.1	9.9	14.8	0.0	0.0	0.1	0.2	4,980
West Nalondo	80.2	0.8	-	0.7	18.3	-	0.0	0.0	0.0	4,507
Bwake/Luuya	75.9	0.6	0.0	2.8	20.2	0.1	0.0	0.1	0.3	4,306

Mukuyuni	82.7	0.5	0.0	1.0	15.4	0.2	-	0.0	0.2	5,176
Bumula Constituency	54.7	0.4	0.0	1.8	42.5	0.1	0.2	0.0	0.1	23,542
South Bukusu	71.1	0.3	0.1	4.6	23.9	-	0.0	0.0	-	2,954
Bumula	54.1	0.6	0.1	1.9	42.6	0.2	-	0.0	0.4	4,267
Khasoko	49.8	0.6	0.1	3.9	45.4	0.2	-	-	-	1,777
Kabula	77.4	0.4	0.1	2.2	19.9	0.0	-	-	-	2,814
Kimaeti	46.4	0.5	0.0	1.1	51.8	0.1	0.1	0.1	-	4,781
West Bukusu	54.3	0.5	-	0.1	44.9	0.1	-	-	0.2	2,622
Siboti	40.7	0.3	0.0	0.7	57.0	0.1	1.2	-	0.0	4,327
Kanduyi Constituency	83.3	0.8	0.4	3.1	11.9	0.1	0.2	0.1	0.1	32,521
Bukembe West	89.1	0.6	-	2.9	7.4	-	-	-	-	2,634
Bukembe East	88.0	1.2	0.1	4.1	6.3	0.2	0.0	-	-	3,931
Township	90.4	2.6	1.9	3.7	0.2	0.0	0.3	0.0	0.8	3,076
Khalaba	96.2	0.6	1.3	1.2	0.5	-	0.0	0.1	0.1	4,327
Musikoma	89.3	0.3	0.1	0.3	9.4	0.4	0.0	0.1	-	6,007
East SangAlo	68.9	0.3	-	6.3	24.3	0.0	-	0.0	0.1	4,131
Marakary/Tuuti	70.4	0.5	0.1	4.2	24.6	0.0	-	0.1	-	4,636
West SangAlo	76.1	0.9	0.0	3.1	18.5	-	1.2	0.1	0.0	3,779
Webuye East Constituency	87.0	0.5	0.1	2.6	9.3	0.0	0.4	0.0	0.1	13,141
Mihuu	82.5	0.4	0.0	4.0	13.1	0.0	0.0	0.0	0.0	4,972
Ndivisi	86.6	0.3	0.0	2.7	9.2	0.0	1.0	0.0	0.1	4,876
Maraka	94.6	0.8	0.5	0.2	3.8	0.0	-	-	0.1	3,293
Webuye West Constituency	84.4	0.5	0.2	3.6	11.0	0.0	0.1	0.0	0.2	16,933
Misikhu	86.2	0.4	-	0.1	13.2	-	-	-	0.1	4,003
Sitikho	80.3	0.4	0.0	2.5	16.5	0.0	0.2	-	0.0	3,761
Matulo	87.9	0.9	0.5	6.8	3.4	0.1	0.0	0.1	0.3	5,137
Bokoli	82.1	0.3	-	4.1	13.3	0.1	0.0	-	0.1	4,032
Kimilili Constituency	86.6	0.4	0.1	3.3	8.6	0.1	0.8	0.0	0.1	16,701
Kibingei	88.8	0.6	0.1	1.9	8.1	0.2	0.1	0.1	0.1	4,420
Kimilili	89.1	0.3	0.1	3.8	6.0	0.0	0.6	-	0.2	4,835
Maeni	80.4	0.2	0.1	0.1	16.1	0.1	3.2	-	-	2,984

Kamukuywa	86.0	0.5	0.0	6.4	7.0	-	0.0	-	-	4,462
Tongaren Constituency	88.4	0.6	0.1	1.2	9.6	0.1	0.0	0.0	0.0	22,487
Mbakalo	85.2	0.8	-	0.1	14.0	0.1	-	-	-	3,686
Naitiri/Kabuyefwe	88.1	0.5	0.2	0.7	10.4	-	0.0	0.0	0.1	4,544
Milima	94.7	0.6	0.0	1.3	3.2	0.0	-	0.1	-	4,046
Ndalu	90.6	0.6	0.1	1.4	7.1	0.0	0.1	0.0	0.0	2,581
Tongaren	88.0	0.5	0.0	0.3	11.1	0.1	-	0.0	-	4,079
Soysambu/Mitua	83.9	0.8	0.1	3.5	11.5	0.1	0.0	0.1	0.0	3,551

Table 3.19: Main Roofing Material in Female Headed Households by County, Constituency and Ward

County/Constituency/ Ward	Corrugated Iron Sheets	Tiles	Concrete	Asbestos sheets	Grass	Makuti	Tin	Mud/Dung	Other	Households
<b>Kenya</b>	<b>74.5</b>	<b>2.0</b>	<b>3.0</b>	<b>2.2</b>	<b>12.7</b>	<b>3.2</b>	<b>0.3</b>	<b>1.2</b>	<b>1.0</b>	<b>2,731,060</b>
<b>Rural</b>	<b>72.5</b>	<b>0.7</b>	<b>0.1</b>	<b>1.8</b>	<b>17.8</b>	<b>3.9</b>	<b>0.3</b>	<b>1.8</b>	<b>1.1</b>	<b>1,826,263</b>
<b>Urban</b>	<b>78.6</b>	<b>4.5</b>	<b>8.7</b>	<b>2.9</b>	<b>2.3</b>	<b>1.6</b>	<b>0.3</b>	<b>0.1</b>	<b>0.9</b>	<b>904,797</b>
Bungoma County	81.4	0.5	0.1	2.8	14.7	0.1	0.2	0.0	0.2	80,184
Mt Elgon Constituency	66.9	0.4	0.1	2.5	29.1	0.2	0.1	0.0	0.6	9,237
Cheptais	85.3	0.5	-	0.5	13.2	0.1	-	-	0.4	1,704
Chesikaki	75.9	0.4	-	3.2	20.1	0.1	-	-	0.3	1,510
Chepyuk	36.9	0.1	0.2	1.6	56.4	1.0	0.8	0.1	2.9	1,018
Kapkateny	60.4	0.3	0.1	8.8	29.5	0.3	-	-	0.5	1,524
Kaptama	58.2	0.5	0.1	1.1	39.6	-	0.1	-	0.4	1,695
Elgon	72.7	0.4	-	0.4	26.2	0.1	-	-	0.2	1,786
Sirisia Constituency	71.7	0.4	0.1	2.4	25.1	0.0	-	0.2	0.0	6,019
Namwela	82.5	0.7	0.1	4.8	11.1	0.1	-	0.7	-	1,507
Malakisi/South Kulisiru	72.6	0.4	0.1	1.2	25.6	0.0	-	0.0	0.0	2,061
Lwandanyi	64.3	0.3	0.1	1.9	33.2	0.0	-	0.1	0.0	2,451
Kabuchai Constituency	84.1	0.4	0.0	4.3	10.9	0.0	0.0	0.1	0.2	8,291
Kabuchai/Chwele	79.7	0.3	0.1	10.6	9.1	-	-	0.1	0.0	2,363
West Nalondo	86.7	0.3	0.1	0.8	12.1	-	-	0.1	-	1,758
Bwake/Luuya	84.0	0.5	-	3.2	11.5	0.1	-	0.1	0.5	2,021

Mukuyuni	86.8	0.6	-	1.1	11.4	0.0	0.0	-	0.0	2,149
Bumula Constituency	62.6	0.4	0.0	2.1	34.4	0.1	0.2	0.0	0.1	10,738
South Bukusu	81.9	0.4	-	4.3	13.4	-	-	-	-	1,343
Bumula	59.9	0.4	-	2.0	36.9	0.2	0.1	0.1	0.5	1,965
Khasoko	61.0	0.9	-	5.0	32.7	0.2	-	-	0.2	863
Kabula	86.8	0.1	-	2.9	10.2	-	-	-	-	1,224
Kimaeti	54.0	0.1	0.0	1.4	44.3	0.1	-	0.1	-	2,263
West Bukusu	61.7	0.4	-	-	37.7	-	-	-	0.2	1,146
Siboti	47.7	0.5	-	1.2	49.2	0.1	1.3	-	-	1,934
Kanduyi Constituency	87.4	0.7	0.4	3.5	7.7	0.0	0.2	0.0	0.1	13,538
Bukembe West	93.7	0.5	-	2.5	3.3	-	-	-	-	1,029
Bukembe East	93.1	0.4	-	3.5	2.9	0.1	0.1	-	-	1,574
Township	92.4	2.2	1.6	3.1	-	0.1	0.3	-	0.4	1,344
Khalaba	96.5	0.5	1.3	1.3	0.3	-	0.1	-	0.2	1,997
Musikoma	92.7	0.4	0.2	0.2	6.4	0.0	-	-	0.0	2,162
East SangAlo	76.7	0.6	-	6.7	15.7	-	-	-	0.2	1,942
Marakary/Tuuti	77.2	0.3	0.1	7.3	15.0	0.1	-	0.1	0.1	1,955
West SangAlo	80.3	1.0	0.1	3.4	14.1	0.1	1.0	-	-	1,535
Webuye East Constituency	90.7	0.4	0.0	2.5	5.9	0.1	0.3	0.0	0.1	5,876
Mihuu	88.6	0.4	0.0	3.3	7.6	0.0	-	0.0	-	2,215
Ndivisi	89.7	0.2	-	2.9	6.3	0.0	0.8	-	0.0	2,418
Maraka	96.4	0.7	0.1	0.3	2.2	0.1	-	-	0.2	1,243
Webuye West Constituency	89.0	0.6	0.2	3.7	6.3	-	0.1	0.0	0.2	7,191
Misikhu	92.0	0.3	-	0.1	7.6	-	-	-	0.1	1,748
Sitikho	85.1	0.4	0.1	2.9	11.3	-	0.2	-	-	1,657
Matulo	90.1	1.1	0.8	5.9	1.5	-	-	-	0.6	2,079
Bokoli	88.2	0.5	-	5.3	6.0	-	-	0.1	0.1	1,707
Kimilili Constituency	90.2	0.6	0.1	3.2	5.1	0.1	0.6	-	0.1	7,753
Kibingei	92.7	0.6	0.2	1.4	4.8	0.1	0.0	-	0.1	2,040
Kimilili	91.9	0.5	0.1	3.8	3.1	-	0.3	-	0.2	2,422
Maeni	84.5	0.7	0.1	0.2	11.4	0.1	3.1	-	-	1,322



Kamukuywa	89.3	0.7	-	6.3	3.7	-	-	-	-	1,969
Tongaren Constituency	91.3	0.6	0.1	1.4	6.5	0.0	-	0.0	0.0	11,541
Mbakalo	89.6	0.7	0.1	0.3	9.2	0.1	-	0.1	-	1,920
Naitiri/Kabuyefwe	90.2	0.4	0.1	1.5	7.7	-	-	-	0.1	2,255
Milima	95.3	0.5	0.1	1.5	2.6	-	-	0.0	-	2,227
Ndalu	93.2	0.4	0.1	0.9	5.2	-	-	-	0.2	1,182
Tongaren	93.4	0.5	0.2	0.1	5.7	0.0	-	-	-	2,091
Soysambu/Mitua	85.9	0.9	-	4.3	8.8	-	-	0.1	-	1,866

Table 3:20: Main material of the wall by County, Constituency and Ward

County/Constituency/ Ward	Stone	Brick/ Block	Mud/Wood	Mud/ Cement	Wood only	Corrugated Iron Sheets	Grass/ Reeds	Tin	Other	Households
<b>Kenya</b>	<b>16.7</b>	<b>16.9</b>	<b>36.5</b>	<b>7.7</b>	<b>11.1</b>	<b>6.7</b>	<b>3.0</b>	<b>0.3</b>	<b>1.2</b>	<b>8,493,380</b>
<b>Rural</b>	<b>5.7</b>	<b>13.8</b>	<b>50.0</b>	<b>7.6</b>	<b>14.4</b>	<b>2.5</b>	<b>4.4</b>	<b>0.3</b>	<b>1.4</b>	<b>5,239,879</b>
<b>Urban</b>	<b>34.5</b>	<b>21.9</b>	<b>14.8</b>	<b>7.8</b>	<b>5.8</b>	<b>13.3</b>	<b>0.8</b>	<b>0.3</b>	<b>0.9</b>	<b>3,253,501</b>
Bungoma County	1.5	14.3	70.2	12.5	0.4	0.2	0.1	0.0	0.9	260,628
Mt Elgon Constituency	2.3	7.4	75.3	10.9	1.9	0.5	0.2	0.1	1.4	31,587
Cheptais	1.3	17.5	69.8	10.5	0.1	0.1	0.1	0.3	0.3	5,634
Chesikaki	2.4	6.7	76.4	14.0	0.2	0.1	0.0	0.0	0.2	4,478
Chepyuk	0.6	1.3	75.8	8.6	8.2	1.1	0.6	0.2	3.7	4,158
Kapkateny	0.7	1.6	86.3	9.0	1.2	0.2	0.2	0.0	0.8	5,268
Kaptama	3.7	4.9	75.0	12.3	0.7	0.4	0.1	0.0	2.9	6,035
Elgon	4.3	10.2	70.1	10.9	2.2	1.1	0.2	0.0	1.0	6,014
Sirisia Constituency	2.4	14.2	70.5	10.7	0.2	0.0	0.1	0.0	1.9	19,819
Namwela	0.9	6.4	81.7	10.8	0.1	0.0	0.1	0.0	0.0	5,168
Malakisi/South Kulisiru	3.6	10.0	69.5	13.1	0.1	0.1	0.2	0.0	3.4	6,802
Lwandanyi	2.2	23.1	64.1	8.5	0.3	0.0	0.0	0.0	1.7	7,849
Kabuchai Constitu- ency	1.0	10.0	73.6	13.4	0.2	0.1	0.1	0.0	1.7	27,260
Kabuchai/Chwele	0.6	16.5	69.5	12.7	0.2	0.2	0.1	0.1	0.1	7,343
West Nalondo	1.1	13.3	73.6	11.6	0.2	0.0	0.0	0.0	0.2	6,265
Bwake/Luuya	1.6	4.6	73.1	17.6	0.2	0.1	0.1	0.0	2.8	6,327
Mukuyuni	0.9	5.3	78.1	11.9	0.1	0.0	0.0	0.0	3.7	7,325
Bumula Constituency	0.6	6.9	77.0	15.0	0.2	0.1	0.1	0.0	0.1	34,280
South Bukusu	0.3	6.8	77.3	15.2	0.3	0.0	0.0	0.0	0.0	4,297
Bumula	0.4	6.0	73.5	19.3	0.2	0.0	0.1	0.0	0.5	6,232
Khasoko	0.4	7.6	77.8	13.7	0.2	0.0	0.2	0.0	0.1	2,640
Kabula	0.2	8.3	77.4	13.7	0.2	0.0	0.1	0.0	0.0	4,038
Kimaeti	0.4	7.6	81.8	9.7	0.1	0.2	0.3	0.0	0.0	7,044
West Bukusu	1.9	7.1	71.7	18.6	0.2	0.0	0.1	0.0	0.3	3,768
Siboti	0.8	5.7	77.3	15.9	0.1	0.0	0.1	0.0	0.0	6,261
Kanduyi Constituency	1.4	25.4	55.2	16.8	0.2	0.3	0.1	0.0	0.6	46,059
Bukembe West	0.7	8.8	79.6	9.2	0.1	0.2	0.1	0.1	1.3	3,663

Bukembe East	0.6	25.1	63.6	10.0	0.0	0.5	0.1	0.0	0.0	5,505
Township	3.8	63.8	12.9	17.4	0.1	1.2	0.0	0.1	0.6	4,420
Khalaba	1.6	55.2	24.0	18.4	0.2	0.4	0.0	0.1	0.1	6,324
Musikoma	1.0	23.8	58.7	16.2	0.1	0.1	0.0	0.0	0.1	8,169
East SangAlo	0.5	5.1	82.0	12.1	0.2	0.0	0.0	0.0	0.1	6,073
Marakary/Tuuti	1.9	15.2	53.9	25.7	0.2	0.1	0.1	0.1	2.8	6,591
West SangAlo	1.3	7.9	68.1	22.2	0.2	0.1	0.1	0.0	0.0	5,314
Webuye East Constituency	3.3	16.8	69.4	10.2	0.1	0.1	0.0	0.0	0.1	19,017
Mihuu	6.7	9.2	77.2	6.7	0.1	0.0	0.0	0.0	0.0	7,187
Ndivisi	0.6	12.3	75.9	11.0	0.1	0.0	0.1	0.0	0.0	7,294
Maraka	2.4	36.1	46.5	14.6	0.1	0.3	0.0	0.0	0.2	4,536
Webuye West Constituency	1.5	17.5	68.7	9.8	0.1	0.2	0.0	0.0	2.2	24,124
Misikhu	3.1	6.6	76.6	7.6	0.1	0.0	0.1	0.0	5.9	5,751
Sitikho	0.2	6.5	79.3	10.8	0.2	0.0	0.1	0.0	2.9	5,418
Matulo	2.0	42.7	45.6	8.4	0.1	0.6	0.0	0.1	0.5	7,216
Bokoli	0.3	7.0	79.8	12.6	0.1	0.0	0.0	0.0	0.1	5,739
Kimilili Constituency	1.4	14.1	73.8	10.3	0.2	0.1	0.0	0.0	0.1	24,454
Kibingei	2.5	13.9	78.6	4.4	0.3	0.1	0.1	0.0	0.1	6,460
Kimilili	1.9	21.0	63.2	13.4	0.2	0.1	0.0	0.0	0.2	7,257
Maeni	0.5	5.4	78.4	15.5	0.0	0.0	0.0	0.0	0.0	4,306
Kamukuywa	0.3	12.2	78.0	9.1	0.3	0.0	0.0	0.0	0.0	6,431
Tongaren Constituency	0.6	13.0	74.9	11.2	0.1	0.0	0.0	0.0	0.1	34,028
Mbakalo	0.3	8.3	82.6	8.5	0.2	0.0	0.0	0.0	0.0	5,606
Naitiri/Kabuyefwe	0.4	11.4	77.7	10.1	0.2	0.0	0.0	0.0	0.1	6,799
Milima	1.2	18.8	70.3	9.6	0.1	0.0	0.0	0.0	0.0	6,273
Ndalu	1.4	17.2	60.9	20.2	0.1	0.1	0.1	0.0	0.0	3,763
Tongaren	0.5	11.7	75.4	12.4	0.1	0.0	0.0	0.0	0.0	6,170
Soysambu/Mitua	0.2	11.6	77.9	9.3	0.1	0.1	0.1	0.0	0.7	5,417

Table 3:21: Main Material of the Wall in Male Headed Households by County, Constituency and Ward

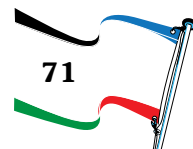
County/ Constituency/ Ward	Stone	Brick/ Block	Mud/ Wood	Mud/ Cement	Wood only	Corrugated Iron Sheets	Grass/ Reeds	Tin	Other	Households
Kenya	17.5	16.6	34.7	7.6	11.4	7.4	3.4	0.3	1.2	5,762,320
Rural	5.8	13.1	48.9	7.3	15.4	2.6	5.2	0.3	1.4	3,413,616
Urban	34.6	21.6	14.0	7.9	5.6	14.4	0.7	0.3	0.9	2,348,704
Bungoma County	1.5	14.0	70.5	12.5	0.4	0.2	0.1	0.0	0.9	180,444
Mt Elgon Constituency	2.3	7.0	75.6	10.8	1.9	0.6	0.2	0.1	1.5	22,350
Cheptais	1.1	15.7	71.0	11.3	0.1	0.1	0.1	0.4	0.3	3,930
Chesikaki	2.5	6.7	77.3	13.0	0.1	0.1	0.1	0.0	0.2	2,968
Chepyuk	0.5	1.5	75.5	8.9	8.0	1.1	0.5	0.2	3.9	3,140
Kapkateny	0.9	1.5	86.3	8.8	1.2	0.3	0.2	0.0	0.9	3,744
Kaptama	3.7	4.8	74.8	12.4	0.9	0.5	0.1	0.0	2.9	4,340

Elgon	4.3	10.2	70.2	10.3	2.2	1.4	0.3	-	1.2	4,228
Sirisia Constituency	2.3	13.8	71.4	10.4	0.2	0.1	0.1	0.0	1.8	13,800
Namwela	1.0	6.3	82.2	10.3	0.1	0.1	0.0	0.0	0.1	3,661
Malakisi/South Kulisiru	3.4	9.7	70.2	13.0	0.1	0.1	0.2	-	3.4	4,741
Lwandanyi	2.1	22.4	65.1	8.3	0.3	0.0	0.0	0.0	1.7	5,398
Kabuchai Constituency	1.1	9.5	74.1	13.3	0.2	0.1	0.0	0.0	1.6	18,969
Kabuchai/Chwele	0.7	15.5	70.2	12.8	0.3	0.2	0.1	0.1	0.2	4,980
West Nalondo	1.2	13.0	73.6	11.6	0.3	0.1	0.0	-	0.2	4,507
Bwake/Luuya	1.7	4.4	73.3	17.8	0.3	0.0	0.0	-	2.3	4,306
Mukuyuni	0.8	4.9	78.9	11.6	0.1	-	-	0.0	3.7	5,176
Bumula Constituency	0.6	6.4	77.5	15.0	0.2	0.1	0.1	0.0	0.1	23,542
South Bukusu	0.2	5.8	78.3	15.2	0.4	-	0.0	-	-	2,954
Bumula	0.3	6.0	73.3	19.7	0.2	0.0	0.1	-	0.4	4,267
Khasoko	0.3	7.1	78.6	13.5	0.2	0.1	0.2	0.1	-	1,777
Kabula	0.2	7.9	77.8	13.6	0.3	0.0	0.2	-	-	2,814
Kimaeti	0.5	6.8	82.8	9.3	0.1	0.2	0.2	-	-	4,781
West Bukusu	1.9	7.0	72.5	18.0	0.2	-	0.1	0.0	0.3	2,622
Siboti	0.7	5.2	77.4	16.3	0.2	0.1	0.1	-	-	4,327
Kanduyi Constituency	1.4	24.8	55.9	16.8	0.2	0.3	0.1	0.0	0.6	32,521
Bukembe West	0.6	8.0	80.3	9.3	0.2	0.3	0.2	0.1	1.1	2,634
Bukembe East	0.7	25.0	64.0	9.5	0.0	0.6	0.1	-	-	3,931
Township	3.9	62.6	12.7	18.3	0.1	1.5	0.0	0.1	0.7	3,076
Khalaba	1.6	53.8	25.1	18.7	0.2	0.4	-	0.0	0.1	4,327
Musikoma	0.8	24.2	58.5	16.1	0.1	0.0	0.0	0.0	0.0	6,007
East SangAlo	0.3	4.8	82.6	12.0	0.2	0.0	-	-	0.1	4,131
Marakary/Tuuti	1.9	14.6	55.0	25.4	0.2	0.1	0.1	0.1	2.7	4,636
West SangAlo	1.5	7.9	68.5	21.8	0.2	0.0	0.2	-	0.0	3,779
Webuye East Constituency	3.5	16.7	69.5	10.1	0.1	0.1	0.0	0.0	0.1	13,141
Mihuu	6.9	8.5	77.8	6.6	0.1	0.1	-	-	0.0	4,972
Ndivisi	0.6	11.8	77.0	10.3	0.1	-	0.1	0.0	0.1	4,876
Maraka	2.6	36.1	45.8	15.0	0.1	0.2	0.0	0.0	0.1	3,293

Webuye West Constituency	1.4	17.1	69.0	9.8	0.1	0.2	0.0	0.0	2.3	16,933
Misikhu	2.7	6.4	76.9	7.5	0.0	-	0.0	0.0	6.3	4,003
Sitikho	0.2	6.1	79.8	10.5	0.2	-	0.1	0.0	3.0	3,761
Matulo	2.1	41.9	46.1	8.6	0.1	0.7	-	0.1	0.4	5,137
Bokoli	0.4	6.2	80.3	12.7	0.1	0.0	-	-	0.1	4,032
Kimilili Constituency	1.4	14.0	73.8	10.4	0.2	0.1	0.0	0.0	0.1	16,701
Kibingei	2.5	13.9	78.2	4.8	0.3	0.1	0.1	0.0	0.1	4,420
Kimilili	1.8	21.2	62.7	13.7	0.2	0.1	0.0	0.0	0.2	4,835
Maeni	0.6	5.5	77.9	15.9	0.1	0.0	0.0	-	0.0	2,984
Kamukuywa	0.3	12.0	78.8	8.6	0.3	0.0	0.0	0.0	-	4,462
Tongaren Constituency	0.6	13.1	74.9	11.1	0.1	0.0	0.0	0.0	0.1	22,487
Mbakalo	0.3	8.4	82.4	8.6	0.1	-	-	0.1	0.0	3,686
Naitiri/Kabuyefwe	0.4	11.7	77.2	10.2	0.3	0.0	0.0	-	0.1	4,544
Milima	1.0	18.6	70.8	9.4	0.1	0.0	0.0	0.0	-	4,046
Ndalu	1.4	17.1	61.3	19.8	0.1	0.1	0.1	0.0	0.0	2,581
Tongaren	0.4	11.8	75.5	12.2	0.1	0.0	-	-	-	4,079
Soysambu/Mitua	0.3	11.8	77.8	9.1	0.2	0.1	0.1	0.0	0.7	3,551

Table 3:22: Main Material of the Wall in Female Headed Households by County, Constituency and Ward

County/ Constituency	Stone	Brick/ Block	Mud/ Wood	Mud/ Cement	Wood only	Corrugated Iron Sheets	Grass/ Reeds	Tin	Other	Households
Kenya	15.0	17.5	40.4	7.9	10.5	5.1	2.1	0.3	1.2	2,731,060
Rural	5.4	14.9	52.1	8.0	12.6	2.4	2.8	0.4	1.4	1,826,263
Urban	34.2	22.6	16.9	7.6	6.2	10.5	0.8	0.3	0.9	904,797
Bungoma County	1.5	15.0	69.5	12.6	0.3	0.1	0.1	0.0	0.8	80,184
Mt Elgon Constituency	2.3	8.4	74.6	11.1	1.8	0.3	0.1	0.0	1.3	9,237
Cheptais	1.6	21.7	67.2	8.7	0.2	0.1	0.2	-	0.3	1,704
Chesikaki	2.3	6.6	74.6	15.8	0.4	0.1	-	-	0.3	1,510
Chepyuk	0.9	1.0	76.7	7.9	8.7	0.9	0.7	0.2	3.0	1,018
Kapkateny	0.4	1.7	86.2	9.4	1.3	0.1	0.1	-	0.8	1,524
Kaptama	3.8	5.1	75.5	12.0	0.5	0.2	0.1	-	3.0	1,695
Elgon	4.1	10.2	69.9	12.1	2.3	0.6	0.1	-	0.7	1,786
Sirisia Constituency	2.6	15.4	68.6	11.2	0.1	0.0	0.2	-	2.0	6,019



Namwela	0.9	6.5	80.5	11.9	-	-	0.3	-	-	1,507
Malakisi/South Kulisiru	4.0	10.8	67.8	13.5	0.1	0.0	0.2	-	3.5	2,061
Lwandanyi	2.4	24.6	61.9	8.9	0.2	0.0	0.0	-	1.9	2,451
Kabuchai Constituency	1.0	11.0	72.4	13.4	0.1	0.1	0.1	-	1.9	8,291
Kabuchai/Chwele	0.4	18.5	68.0	12.6	0.2	0.1	0.0	-	0.0	2,363
West Nalondo	1.0	13.9	73.5	11.4	0.1	-	0.1	-	0.1	1,758
Bwake/Luuya	1.4	4.9	72.4	17.1	0.0	0.1	0.2	-	3.8	2,021
Mukuyuni	1.1	6.2	76.4	12.6	0.0	-	0.0	-	3.5	2,149
Bumula Constituency	0.7	7.9	75.8	15.0	0.1	0.0	0.1	0.0	0.2	10,738
South Bukusu	0.6	9.2	75.0	15.0	0.1	0.1	-	0.1	-	1,343
Bumula	0.7	6.1	74.0	18.5	0.2	-	0.1	-	0.6	1,965
Khasoko	0.6	8.7	76.1	14.1	0.1	-	0.1	-	0.2	863
Kabula	0.3	9.2	76.3	14.1	-	-	-	-	-	1,224
Kimaeti	0.3	9.2	79.5	10.4	0.1	0.1	0.4	-	-	2,263
West Bukusu	2.0	7.5	69.9	20.0	0.3	-	0.1	-	0.3	1,146
Siboti	1.1	6.6	77.0	15.0	0.1	-	0.1	-	0.1	1,934
Kanduyi Constituency	1.4	26.8	53.7	17.0	0.1	0.2	0.1	0.1	0.7	13,538
Bukembe West	0.7	10.8	77.7	9.0	-	0.1	-	-	1.7	1,029
Bukembe East	0.4	25.3	62.5	11.2	0.1	0.3	0.1	0.1	-	1,574
Township	3.7	66.5	13.2	15.3	0.1	0.6	0.1	0.1	0.4	1,344
Khalaba	1.6	58.2	21.7	17.7	0.2	0.4	-	0.2	0.1	1,997
Musikoma	1.3	22.8	59.3	16.3	0.0	0.1	0.0	-	0.1	2,162
East SangAlo	0.8	5.7	80.7	12.4	0.1	0.1	0.1	-	0.2	1,942
Marakary/Tuuti	2.0	16.8	51.3	26.4	0.2	0.1	0.2	0.1	3.0	1,955
West SangAlo	1.0	8.1	67.0	23.4	0.3	0.1	-	0.1	-	1,535
Webuye East Constituency	3.1	17.2	69.1	10.5	0.0	0.1	0.1	-	0.1	5,876
Mihuu	6.5	10.7	75.8	6.9	0.0	-	-	-	-	2,215
Ndivisi	0.5	13.4	73.6	12.3	0.0	-	0.1	-	-	2,418
Maraka	1.9	36.0	48.2	13.4	-	0.3	-	-	0.2	1,243
Webuye West Constituency	1.6	18.4	68.0	9.7	0.1	0.1	0.0	-	2.0	7,191
Misikhu	4.0	7.2	75.9	7.9	0.1	-	0.1	-	4.9	1,748

Sitikho	0.2	7.4	78.2	11.5	0.1	-	-	-	2.7	1,657
Matulo	1.8	44.6	44.3	7.8	0.1	0.5	-	-	0.7	2,079
Bokoli	0.1	8.7	78.7	12.3	0.1	-	-	-	0.1	1,707
Kimilili Constituency	1.4	14.2	73.8	10.1	0.2	0.0	0.1	-	0.1	7,753
Kibingei	2.5	13.8	79.5	3.6	0.2	0.0	0.1	-	0.2	2,040
Kimilili	2.1	20.6	64.0	12.9	0.1	0.0	0.0	-	0.2	2,422
Maeni	0.4	5.3	79.4	14.8	-	-	0.1	-	-	1,322
Kamukuywa	0.3	12.7	76.3	10.4	0.4	0.1	-	-	-	1,969
Tongaren Constituency	0.7	12.8	75.0	11.3	0.1	0.0	0.0	-	0.1	11,541
Mbakalo	0.4	8.0	83.0	8.3	0.2	-	-	-	0.1	1,920
Naitiri/Kabuyefwe	0.3	10.6	78.8	10.0	0.2	-	-	-	0.1	2,255
Milima	1.6	19.1	69.3	9.8	0.1	0.0	0.1	-	-	2,227
Ndalu	1.2	17.6	60.1	21.1	0.1	-	-	-	-	1,182
Tongaren	0.7	11.4	75.1	12.7	0.0	-	0.0	-	-	2,091
Soysambu/Mitua	0.1	11.1	78.3	9.8	-	-	0.1	-	0.6	1,866

Table 3.23: Source of Water by County, Constituency and Ward

County/Constituency/Ward	Pond	Dam	Lake	Stream/River	Unprotected Spring	Unprotected Well	Jabia	Water vendor	Other	Unimproved Sources	Protected Spring	Protected Well	Borehole	Piped into Dwelling	Piped	Rain Water Collection	Improved Sources	Number of Individuals
<b>Kenya</b>	<b>2.7</b>	<b>2.4</b>	<b>1.2</b>	<b>23.2</b>	<b>5.0</b>	<b>6.9</b>	<b>0.3</b>	<b>5.2</b>	<b>0.4</b>	<b>47.4</b>	<b>7.6</b>	<b>7.7</b>	<b>11.6</b>	<b>5.9</b>	<b>19.2</b>	<b>0.7</b>	<b>52.6</b>	<b>37,919,647</b>
<b>Rural</b>	<b>3.6</b>	<b>3.2</b>	<b>1.5</b>	<b>29.6</b>	<b>6.4</b>	<b>8.7</b>	<b>0.4</b>	<b>2.2</b>	<b>0.5</b>	<b>56.0</b>	<b>9.2</b>	<b>8.1</b>	<b>12.0</b>	<b>1.8</b>	<b>12.1</b>	<b>0.8</b>	<b>44.0</b>	<b>26,075,195</b>
<b>Urban</b>	<b>0.9</b>	<b>0.7</b>	<b>0.5</b>	<b>9.2</b>	<b>1.9</b>	<b>2.9</b>	<b>0.2</b>	<b>11.8</b>	<b>0.1</b>	<b>28.3</b>	<b>4.0</b>	<b>6.8</b>	<b>10.7</b>	<b>14.7</b>	<b>34.9</b>	<b>0.5</b>	<b>71.7</b>	<b>11,844,452</b>
Bungoma County	0.2	0.1	0.1	9.8	9.8	7.4	0.0	0.8	0.0	28.2	31.2	17.2	14.1	1.4	8.0	0.1	71.8	1,361,390
Mt Elgon Constituency	0.1	0.0	0.0	36.9	12.5	1.5	0.0	0.1	0.0	51.1	13.6	2.0	1.4	2.6	29.3	0.0	48.9	171,348
Cheptais	0.1	0.0	0.0	27.0	3.2	0.8	0.0	0.1	0.0	31.2	9.9	2.5	2.2	3.0	51.3	0.0	68.8	28,639
Chesikaki	0.0	0.0	0.0	39.5	3.0	2.4	0.0	0.1	0.0	45.1	1.6	2.0	0.6	5.1	45.7	0.0	54.9	23,874
Chepyuk	0.0	0.0	0.0	44.9	30.2	0.9	0.0	0.0	0.0	76.1	14.5	0.5	0.4	0.7	7.7	0.1	23.9	25,329
Kapkateny	0.2	0.0	0.0	35.8	15.5	0.7	0.0	0.1	0.0	52.4	15.1	1.6	0.7	2.7	27.5	0.0	47.6	28,628
Kapitama	0.1	0.0	0.1	42.8	14.4	1.4	0.0	0.1	0.0	58.8	20.1	1.2	2.0	1.2	16.7	0.0	41.2	33,402
Elgon	0.1	0.1	0.0	32.4	9.1	2.5	0.1	0.0	0.0	44.4	16.9	4.3	2.0	3.0	29.4	0.1	55.6	31,476
Sirisia Constituency	0.2	0.0	0.0	14.4	13.1	20.7	0.0	0.2	0.0	48.7	13.5	13.2	17.0	0.7	6.7	0.2	51.3	102,040
Namwela	0.5	0.1	0.0	4.7	8.3	17.4	0.0	0.1	0.0	31.2	10.8	10.2	34.3	1.5	11.8	0.2	68.8	27,263
Malakisi/South Kulisinu	0.0	0.0	0.1	13.9	22.2	23.9	0.0	0.4	0.0	60.5	8.7	10.1	13.5	0.6	6.1	0.4	39.5	35,001
Lwandanyi	0.2	0.0	0.0	21.5	8.5	20.1	0.0	0.1	0.1	50.5	19.4	18.1	8.1	0.2	3.6	0.1	49.5	39,776
Kabuchai Constituency	0.4	0.0	0.0	6.6	5.1	5.1	0.0	2.1	0.1	19.5	39.9	15.6	17.3	0.7	7.0	0.1	80.5	140,315
Kabuchai/Chwele	0.0	0.0	0.0	3.8	3.7	4.4	0.0	8.2	0.0	20.2	34.2	15.4	24.7	1.3	4.2	0.1	79.8	35,395
West Nalondo	0.0	0.0	0.1	3.1	7.9	7.0	0.0	0.1	0.1	18.3	40.7	13.7	23.6	0.9	2.8	0.0	81.7	33,100
Bwake/Luuya	0.0	0.0	0.0	2.6	4.5	3.4	0.0	0.1	0.3	11.0	62.5	16.5	9.9	0.0	0.0	0.0	89.0	33,935
Mukuyuni	1.3	0.1	0.0	15.8	4.6	5.5	0.0	0.2	0.1	27.6	24.3	16.5	11.5	0.6	19.5	0.1	72.4	37,885
Bumula Constituency	0.3	0.0	0.0	1.7	13.0	11.8	0.0	0.0	0.0	26.9	22.7	22.9	26.0	0.1	1.3	0.0	73.1	178,438
South Bukusu	0.0	0.0	0.0	0.4	6.1	7.4	0.0	0.0	0.0	13.9	23.6	24.7	37.8	0.0	0.0	0.0	86.1	23,132
Bumula	0.1	0.0	0.0	1.1	11.8	8.5	0.0	0.0	0.0	21.5	21.6	27.3	29.2	0.0	0.3	0.0	78.5	31,917
Khasoko	0.0	0.1	0.1	0.2	11.1	8.4	0.0	0.0	0.0	19.8	46.1	15.4	16.4	1.6	0.7	0.0	80.2	13,703
Kabula	0.1	0.0	0.0	3.2	6.6	2.1	0.0	0.1	0.0	12.1	48.6	21.0	17.9	0.0	0.4	0.1	87.9	20,704

Kimaeti	0.3	0.0	0.0	3.3	9.4	18.4	0.0	0.0	0.0	31.5	14.5	26.7	250	0.0	2.2	0.0	68.5	36,520
West Bukusu	0.4	0.0	0.0	1.4	6.5	12.6	0.0	0.0	0.0	21.0	18.2	17.5	37.9	0.1	5.3	0.1	79.0	19,965
Siboti	1.0	0.1	0.0	1.3	32.0	17.9	0.0	0.0	0.0	52.2	8.6	20.9	17.6	0.0	0.7	0.0	47.8	32,497
Kanduyi Constituency	0.4	0.2	0.1	4.5	9.2	4.4	0.0	1.8	0.0	20.7	28.2	23.9	19.3	2.3	5.5	0.2	79.3	224,273
Bukembe West	0.2	0.0	0.1	3.2	19.7	7.0	0.0	0.0	0.0	30.2	27.7	25.5	13.8	0.6	2.1	0.0	69.8	20,292
Bukembe East	0.2	1.5	0.0	3.0	7.2	2.6	0.0	0.0	0.0	14.5	29.0	26.2	18.2	4.2	7.8	0.1	85.5	25,202
Township	0.1	0.1	0.0	2.7	0.5	1.4	0.0	13.2	0.0	18.1	4.1	25.9	27.1	6.3	18.3	0.2	81.9	16,976
Khalaba	0.4	0.0	0.0	2.5	2.3	4.0	0.1	2.5	0.0	11.8	5.6	30.1	23.9	10.1	17.9	0.5	88.2	23,951
Musikoma	0.6	0.1	0.6	7.1	9.3	6.4	0.0	0.4	0.0	24.5	15.6	20.8	33.4	1.0	4.6	0.1	75.5	37,663
East SangAlo	0.7	0.0	0.0	8.3	15.6	4.8	0.0	0.0	0.0	29.4	41.9	20.6	6.1	0.0	2.0	0.0	70.6	32,178
Marakary/Tuuti	0.1	0.0	0.0	2.0	8.3	5.6	0.1	2.8	0.0	18.9	41.7	18.5	20.2	0.2	0.3	0.3	81.1	35,001
West SangAlo	0.6	0.0	0.2	5.1	8.3	2.2	0.0	0.0	0.0	16.4	43.6	28.0	11.9	0.0	0.0	0.0	83.6	33,010
Webuye East Constituency	0.0	0.0	0.0	6.3	11.0	9.6	0.1	0.5	0.0	27.7	41.3	14.4	12.4	0.7	3.4	0.1	72.3	100,982
Mihuu	0.0	0.0	0.0	6.7	12.4	8.9	0.0	0.2	0.0	28.3	52.2	10.8	7.7	0.1	0.8	0.1	71.7	37,734
Ndivisi	0.0	0.1	0.1	8.3	10.1	12.1	0.3	0.5	0.0	31.4	40.9	13.3	11.5	0.4	2.5	0.0	68.6	39,495
Maraka	0.0	0.0	0.0	2.6	10.2	6.6	0.0	1.0	0.0	20.5	24.4	22.1	21.6	2.3	9.0	0.1	79.5	23,753
Webuye West Constituency	0.0	0.0	0.0	2.2	7.2	3.6	0.0	0.1	0.0	13.3	54.2	16.6	8.5	2.6	4.8	0.1	86.7	126,808
Misikhu	0.0	0.0	0.0	0.9	9.4	2.0	0.0	0.0	0.1	12.4	64.0	12.2	5.6	0.4	5.3	0.0	87.6	31,338
Stikho	0.0	0.0	0.0	3.4	8.6	3.7	0.0	0.0	0.0	15.8	66.5	10.9	6.7	0.0	0.0	0.1	84.2	30,047
Matulo	0.1	0.0	0.0	3.1	4.9	3.8	0.0	0.3	0.0	12.3	27.1	22.6	16.3	9.0	12.4	0.2	87.7	32,955
Bokoli	0.0	0.0	0.0	1.6	6.1	4.8	0.1	0.1	0.0	12.7	60.8	20.1	4.8	0.6	0.9	0.1	87.3	32,468
Kimilili Constituency	0.1	0.1	0.1	9.8	5.8	3.1	0.1	1.4	0.0	20.3	41.7	15.3	7.5	2.2	12.9	0.1	79.7	130,907
Kibingei	0.2	0.0	0.1	11.2	4.3	4.1	0.0	0.2	0.0	20.1	37.3	18.8	6.7	1.9	15.1	0.1	79.9	34,247
Kimilili	0.1	0.1	0.1	5.9	5.8	1.4	0.0	0.3	0.0	13.7	38.9	9.3	4.2	5.5	28.4	0.1	86.3	35,291
Maeni	0.0	0.1	0.0	11.6	10.4	3.2	0.0	0.0	0.0	25.4	54.4	8.9	7.2	0.0	4.0	0.0	74.6	24,151
Kamukuyuwa	0.1	0.1	0.0	10.9	4.4	3.6	0.3	4.2	0.0	23.5	40.1	22.1	11.7	0.5	1.8	0.2	76.5	37,218
Tongaren Constituency	0.1	0.1	0.1	6.1	10.5	11.0	0.0	0.6	0.0	28.5	33.8	24.0	13.2	0.1	0.3	0.1	71.5	186,279
Mbakalo	0.0	0.1	0.2	4.5	7.7	10.8	0.0	0.4	0.0	23.6	53.7	12.5	9.6	0.2	0.2	0.1	76.4	31,955
Naitiri/Kabuyetwe	0.0	0.1	0.1	1.5	9.9	9.1	0.0	0.1	0.0	20.7	48.3	24.3	6.5	0.0	0.1	0.1	79.3	37,856



Milima	0.0	0.0	0.0	0.0	5.8	15.1	8.4	0.0	0.8	0.0	30.4	38.7	28.7	1.9	0.0	0.0	0.2	69.6	33,048
Ndalu	0.1	0.0	0.1	0.1	5.3	13.5	10.1	0.1	2.8	0.0	32.0	15.4	26.6	25.2	0.2	0.4	0.2	68.0	20,959
Tongaren	0.0	0.0	0.0	0.1	7.1	12.1	16.3	0.1	0.5	0.0	36.2	22.4	25.1	15.4	0.0	0.8	0.1	63.8	33,771
Soysambu/ Mitua	0.3	0.1	0.4	0.4	13.7	5.1	11.0	0.0	0.0	0.0	30.7	13.8	27.5	27.9	0.0	0.1	0.1	69.3	28,690

Table 3.24: Source of Water of Male headed Household by County, Constituency and Ward

County/Constituency/ Ward	Pond	Dam	Lake	Stream/ River	Unprotected Spring	Unprotected Well	Jabia	Water vendor	Other	Unimproved Sources	Protected Spring	Protect- ed Well	Bore- hole	Piped into Dwelling	Piped	Rain Water Collection	Improved Sources	Number of Individuals
Kenya	2.7	2.3	1.1	22.4	4.8	6.7	0.4	5.6	0.4	46.4	7.4	7.7	11.7	6.2	19.9	0.7	53.6	26,755,066
Rural	3.7	3.1	1.4	29.1	6.3	8.6	0.4	2.4	0.5	55.6	9.2	8.2	12.1	1.9	12.2	0.8	44.4	18,016,471
Urban	0.8	0.6	0.5	8.5	1.8	2.8	0.2	12.1	0.1	27.5	3.8	6.7	10.8	14.9	35.8	0.5	72.5	8,738,595
Bungoma County	0.2	0.1	0.1	10.0	9.9	7.4	0.0	0.8	0.0	28.3	31.4	17.0	14.0	1.3	7.8	0.1	71.7	992,115
Mt Elgon Constit- uency	0.1	0.1	0.0	37.4	12.7	1.6	0.0	0.1	-	52.0	13.5	2.1	1.4	2.5	28.5	0.0	48.0	126,221
Cheptais	0.1	0.0	0.0	28.0	3.2	0.9	0.0	0.0	-	32.4	10.0	2.7	1.9	3.1	49.9	0.0	67.6	20,978
Chesikaki	0.0	0.0	0.0	39.4	3.2	2.7	-	0.2	-	45.5	1.5	1.9	0.6	5.0	45.4	0.0	54.5	16,576
Chepyuk	0.0	0.1	-	45.7	29.8	0.8	-	-	-	76.4	13.9	0.5	0.5	0.8	8.0	0.1	23.6	19,489
Kapkateny	0.2	0.0	-	35.4	15.8	0.8	0.0	0.1	-	52.4	15.7	1.7	0.8	2.5	26.9	-	47.6	21,234
Kaptama	0.1	0.0	0.1	43.0	14.3	1.6	-	0.1	-	59.1	19.3	1.2	2.0	1.3	17.2	-	40.9	25,030
Elgon	0.1	0.1	-	33.4	9.3	2.6	0.1	0.0	-	45.7	17.0	4.3	2.1	3.0	27.8	0.1	54.3	22,914
Sirisia Constituency	0.2	0.0	0.0	14.3	13.0	21.1	0.0	0.2	0.0	48.9	13.6	13.1	16.7	0.6	6.8	0.3	51.1	75,346
Namwela	0.4	0.1	0.0	4.7	8.0	18.0	0.1	0.1	-	31.4	11.1	10.1	34.0	1.4	11.8	0.2	68.6	20,373
Malakisi/South Kulisiru	-	-	0.1	14.0	22.4	24.0	0.0	0.5	-	60.9	8.9	10.1	12.9	0.5	6.2	0.4	39.1	26,001

Lwandanyi	0.2	0.0	0.0	21.2	8.1	20.7	-	0.1	0.1	50.4	19.6	17.9	7.9	0.2	3.8	0.1	49.6	28,972
Kabuchai Constituency	0.4	0.1	0.0	6.8	5.2	5.1	0.0	1.9	0.1	19.6	39.8	15.6	17.2	0.7	7.0	0.1	80.4	103,842
Kabuchai/Chwele	0.0	0.0	-	4.1	3.8	4.4	0.1	7.6	0.0	19.9	34.5	16.0	24.2	1.3	4.0	0.1	80.1	25,346
West Nalondo	-	0.0	0.0	3.2	8.0	7.4	-	0.0	0.1	18.8	40.6	13.2	23.7	1.0	2.7	0.0	81.2	25,325
Bwake/Luuya	0.0	0.0	0.0	2.8	4.5	3.1	-	0.0	0.3	10.8	62.4	16.7	10.0	0.0	0.0	-	89.2	24,638
Mukuyuni	1.4	0.1	-	15.9	4.5	5.5	0.0	0.1	0.0	27.6	24.4	16.3	11.5	0.5	19.6	0.1	72.4	28,533
Bumula Constituency	0.3	0.0	0.0	1.7	13.2	11.8	-	0.0	0.0	27.1	22.9	22.8	25.7	0.1	1.4	0.0	72.9	131,235
South Bukusu	-	-	-	0.4	6.4	7.2	-	-	-	14.0	23.5	24.8	37.7	0.0	-	-	86.0	16,765
Bumula	0.1	0.1	0.0	1.1	12.0	8.2	-	-	-	21.5	21.6	27.4	29.1	-	0.4	0.0	78.5	23,561
Khasoko	-	-	-	0.1	10.8	9.2	-	-	-	20.1	46.3	15.9	15.5	1.5	0.6	-	79.9	10,013
Kabula	0.1	-	-	3.2	6.8	2.1	-	0.2	-	12.3	49.2	20.8	17.1	-	0.5	0.0	87.7	15,409
Kimaeti	0.3	-	0.0	3.5	9.8	18.7	-	0.0	0.0	32.4	14.8	26.1	24.4	0.0	2.3	0.0	67.6	26,644
West Bukusu	0.4	-	-	1.4	6.8	12.3	-	-	-	20.9	18.8	17.0	37.8	0.1	5.3	0.1	79.1	14,984
Siboti	0.9	0.1	-	1.4	32.4	17.7	-	-	0.0	52.4	8.6	20.7	17.5	0.0	0.7	-	47.6	23,859
Kanduyi Constituency	0.4	0.2	0.2	4.5	9.3	4.5	0.0	1.7	0.0	20.7	29.0	23.7	19.1	2.2	5.1	0.2	79.3	165,285
Bukembe West	0.2	0.0	0.1	3.4	19.9	6.8	-	0.0	-	30.5	27.8	26.0	13.2	0.6	1.8	-	69.5	15,314
Bukembe East	0.1	1.3	0.0	3.2	6.9	2.5	-	-	0.0	14.2	30.0	25.7	18.2	4.5	7.4	0.1	85.8	18,702
Township	0.1	0.1	-	2.5	0.3	1.6	0.1	13.7	-	18.4	4.4	26.6	26.6	6.5	17.3	0.3	81.6	12,004
Khalaba	0.4	0.0	-	2.5	2.5	3.9	0.1	2.4	-	11.8	6.0	29.9	24.0	9.9	17.7	0.6	88.2	16,718
Musikoma	0.6	0.1	0.6	7.0	9.3	6.8	-	0.4	-	24.8	15.6	20.8	33.4	0.9	4.3	0.1	75.2	28,692
East SangAlo	0.8	-	-	8.0	15.2	4.9	-	0.0	0.0	28.9	42.9	20.3	5.8	0.0	2.0	0.1	71.1	23,327
Marakary/Tuuti	0.0	0.0	0.1	2.2	8.4	5.3	0.1	2.2	-	18.4	42.6	18.1	20.2	0.2	0.3	0.2	81.6	25,894

West Sangalo	0.7	0.0	0.2	4.8	8.5	2.1	-	-	0.0	16.3	44.6	27.7	11.2	0.0	0.0	0.1	83.7	24,634
Webuye East Constituency	0.0	0.0	0.0	6.4	11.0	9.5	0.1	0.5	0.0	27.6	41.3	14.3	12.4	0.8	3.6	0.1	72.4	73,019
Mihuu	0.1	0.0	0.0	6.6	12.8	8.8	-	0.2	0.0	28.6	52.1	10.6	7.7	0.1	0.8	0.1	71.4	27,594
Ndivisi	0.0	0.1	0.0	8.6	10.3	12.0	0.4	0.4	-	31.9	41.2	12.6	11.2	0.5	2.7	0.0	68.1	28,059
Maraka	0.1	-	-	2.3	9.3	6.4	-	1.2	0.0	19.2	24.1	22.8	21.9	2.4	9.4	0.1	80.8	17,366
Webuye West Constituency	0.0	0.0	0.0	2.3	7.3	3.6	0.0	0.1	0.0	13.3	54.1	16.7	8.5	2.6	4.7	0.1	86.7	94,037
Misikhu	-	0.0	-	0.9	9.7	2.1	-	-	0.1	12.9	64.0	12.5	5.3	0.4	4.9	0.0	87.1	23,253
Sitikho	-	-	0.1	3.5	8.7	3.6	0.0	-	-	15.9	66.3	11.2	6.5	0.0	0.1	0.1	84.1	22,292
Matulo	0.1	0.0	-	3.1	4.9	3.7	-	0.3	0.0	12.1	27.2	22.1	16.9	9.2	12.3	0.2	87.9	24,481
Bokoli	0.0	0.0	-	1.6	6.0	4.9	0.0	0.1	-	12.7	60.5	20.4	4.8	0.5	1.0	0.1	87.3	24,011
Kimilili Constituency	0.1	0.0	0.1	9.9	6.0	3.0	0.1	1.4	-	20.6	42.2	15.4	7.3	2.1	12.2	0.1	79.4	94,594
Kibingei	0.2	0.0	0.1	11.3	4.5	4.1	0.0	0.2	-	20.4	36.5	19.8	6.6	1.9	14.7	0.2	79.6	24,698
Kimilili	0.1	0.0	0.2	6.2	5.8	1.4	0.0	0.3	-	13.9	40.1	9.2	4.1	5.5	27.1	0.1	86.1	24,855
Maeni	-	0.1	-	11.5	10.6	2.9	-	0.0	-	25.1	55.5	8.7	6.4	0.0	4.2	0.1	74.9	17,745
Kamukuywa	0.1	0.1	0.0	11.1	4.7	3.6	0.2	4.2	-	24.0	40.5	21.7	11.6	0.5	1.7	0.1	76.0	27,296
Tongaren Constituency	0.1	0.0	0.1	6.1	10.4	10.8	0.0	0.7	0.0	28.2	34.2	23.8	13.3	0.1	0.2	0.1	71.8	128,536
Mbakalo	0.0	0.0	0.2	4.6	7.5	10.9	-	0.5	0.0	23.7	54.2	12.5	9.1	0.3	0.1	0.1	76.3	22,137
Naitiri/Kabuyefwe	0.0	0.1	0.1	1.6	9.6	8.8	-	0.1	-	20.3	49.1	24.1	6.3	0.0	0.0	0.1	79.7	26,831
Milima	0.0	0.0	-	5.5	15.4	8.5	-	0.9	0.0	30.4	39.0	28.2	2.2	0.0	0.0	0.2	69.6	22,055
Ndalu	0.0	-	0.2	5.1	12.6	9.6	0.1	2.7	-	30.3	16.2	26.7	26.0	0.0	0.5	0.2	69.7	14,498
Tongaren	0.0	-	0.1	7.4	12.0	15.5	0.1	0.5	-	35.6	22.7	25.2	15.5	-	0.9	0.1	64.4	23,300

Soysambu/Mitua	0.3	0.1	0.4	14.0	5.5	11.1	0.0	0.0	0.1	31.5	13.2	27.5	27.7	0.0	0.0	0.1	68.5	19,715
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Table 3.25: Source of Water of Female headed Household by County Constituency and Ward

County/Constituency/ Ward	Pond	Dam	Lake	Stream/ River	Unpro- tected Spring	Unpro- tected Well	Jabia	Water vendor	Other	Unimproved Sources	Protected Spring	Protected Well	Borehole	Piped into Dwelling	Piped	Rain Water Collection	Improved Sources	Number of Individuals
<b>Kenya</b>	2.8	2.7	1.3	25.2	5.3	7.4	0.3	4.4	0.3	49.7	8.1	7.7	11.3	5.1	17.5	0.7	50.3	11,164,581
<b>Rural</b>	3.4	3.5	1.6	30.6	6.5	8.9	0.3	1.8	0.4	57.0	9.5	8.0	11.5	1.6	11.7	0.8	43.0	8,058,724
<b>Urban</b>	1.0	0.8	0.6	11.1	2.3	3.4	0.2	11.1	0.1	30.5	4.7	7.0	10.5	14.2	32.5	0.6	69.5	3,105,857
Bungoma County	0.2	0.1	0.1	9.5	9.6	7.5	0.0	0.9	0.0	27.8	30.6	17.5	14.3	1.4	8.4	0.1	72.2	369,275
Mt Elgon Constituency	0.1	0.0	0.0	35.6	11.7	1.2	0.0	0.1	0.0	48.6	13.6	2.0	1.4	2.7	31.7	0.0	51.4	45,127
Cheptais	0.2	-	-	24.3	3.0	0.5	-	0.2	-	28.1	9.3	1.8	2.9	2.7	55.2	-	71.9	7,661
Chesikaki	-	-	0.1	39.5	2.5	1.9	-	0.0	-	44.0	1.9	2.2	0.6	5.1	46.3	-	56.0	7,298
Chepyuk	-	-	0.1	42.4	31.5	1.0	-	-	0.0	75.0	16.7	0.5	0.3	0.5	6.9	0.0	25.0	5,840
Kapkateny	0.3	-	-	36.8	14.6	0.4	0.1	0.1	-	52.2	13.6	1.2	0.7	3.1	29.2	-	47.8	7,394
Kaptama	-	-	-	42.4	14.5	1.0	-	-	-	57.8	22.4	1.4	2.0	1.2	15.3	-	42.2	8,372
Elgon	0.1	0.2	-	29.8	8.5	2.2	-	-	-	40.8	16.6	4.3	1.6	3.0	33.6	0.1	59.2	8,562
Sirisia Constituency	0.2	0.0	0.0	14.9	13.5	19.5	0.0	0.0	0.0	48.3	13.0	13.6	17.7	0.8	6.4	0.2	51.7	26,694
Namwela	0.6	0.2	-	4.8	9.3	15.8	-	-	-	30.7	9.8	10.7	35.3	1.7	11.6	0.2	69.3	6,890
Malakisi/South Kulisru	-	-	0.1	13.7	21.6	23.6	0.1	0.1	-	59.2	8.3	9.9	15.3	0.9	6.0	0.4	40.8	9,000
Lwandanyi	0.0	-	0.1	22.4	9.4	18.5	-	0.0	0.1	50.5	18.9	18.5	8.5	0.2	3.3	-	49.5	10,804
Kabuchai Constituency	0.3	0.0	0.0	5.9	5.0	5.0	0.0	2.9	0.2	19.3	40.1	15.5	17.6	0.6	6.9	0.1	80.7	36,473

Kabuchai/Chwele	0.1	0.0	0.0	0.0	3.0	3.4	4.5	-	9.9	-	20.9	33.3	13.9	26.2	1.1	4.5	0.1	79.1	10,049
West Nalondo	-	-	0.1	2.8	7.6	5.7	-	0.1	-	-	16.5	41.1	15.5	23.3	0.4	3.2	0.1	83.5	7,775
Bwake/Luuya	0.0	-	0.0	2.0	4.6	4.4	-	0.2	0.3	0.3	11.6	62.8	15.9	9.6	-	0.1	-	88.4	9,297
Mukuyuni	1.0	-	-	15.4	5.0	5.4	0.1	0.3	0.3	0.3	27.6	23.9	16.8	11.3	0.9	19.4	0.0	72.4	9,352
Bumula Constituency	0.3	0.0	0.0	1.5	12.3	12.0	-	0.0	0.0	0.0	26.2	22.0	23.4	27.0	0.2	1.3	0.0	73.8	47,203
South Bukusu	-	0.0	-	0.4	5.2	7.8	-	-	-	-	13.5	23.8	24.5	38.3	-	-	-	86.5	6,367
Bumula	0.1	-	-	1.2	11.2	9.2	-	-	-	-	21.7	21.7	26.8	29.5	-	0.3	0.1	78.3	8,356
Khasoko	-	0.2	0.2	0.4	11.9	6.4	-	-	-	-	19.1	45.4	14.0	19.0	1.7	0.8	0.0	80.9	3,690
Kabula	0.0	-	-	3.2	6.0	2.1	-	-	0.0	-	11.3	46.7	21.4	20.1	0.0	0.2	0.2	88.7	5,295
Kimaeti	0.2	-	-	2.5	8.5	17.8	-	-	0.1	0.0	29.1	13.7	28.2	26.8	0.0	2.2	-	70.9	9,876
West Bukusu	0.5	-	0.1	1.5	5.8	13.6	-	-	-	-	21.5	16.1	19.2	38.0	-	5.2	-	78.5	4,981
Siboti	1.1	0.1	-	0.9	30.9	18.5	-	-	-	-	51.6	8.5	21.2	18.0	0.0	0.7	-	48.4	8,638
Kanduyi Constituency	0.4	0.3	0.1	4.5	9.0	4.4	0.0	0.0	2.1	0.0	20.8	26.0	24.3	19.8	2.4	6.5	0.1	79.2	58,988
Bukembe West	0.2	-	0.1	2.6	18.9	7.7	-	-	-	-	29.5	27.2	23.9	15.7	0.6	3.1	-	70.5	4,978
Bukembe East	0.2	2.0	-	2.4	7.8	2.8	-	-	-	0.1	15.2	26.0	27.6	18.5	3.4	9.2	-	84.8	6,500
Township	0.1	0.1	-	3.1	0.8	1.0	-	-	12.2	-	17.2	3.6	24.0	28.2	5.8	21.0	0.2	82.8	4,972
Khalaba	0.4	0.0	0.1	2.5	2.0	4.1	0.1	2.7	-	-	11.8	4.6	30.6	23.8	10.6	18.2	0.3	88.2	7,233
Muskoma	0.6	0.4	0.5	7.4	9.4	4.9	-	0.3	-	-	23.6	15.4	20.5	33.4	1.2	5.8	0.1	76.4	8,971
East SangAlo	0.7	-	-	8.9	16.4	4.6	-	0.0	-	-	30.7	39.2	21.3	6.6	-	2.1	-	69.3	8,851
Marakary/Tuuti	0.1	-	-	1.3	7.8	6.5	0.2	4.3	-	-	20.2	39.0	19.6	20.4	0.2	0.3	0.4	79.8	9,107
West SangAlo	0.4	0.0	0.2	5.8	7.7	2.6	-	-	-	-	16.8	40.6	28.8	13.8	-	-	-	83.2	8,376

Webuye East Constituency	-	0.0	0.1	6.3	10.9	10.0	0.1	0.4	-	27.8	41.3	14.8	12.5	0.6	2.9	0.1	72.2	27,963
Mihuu	-	-	0.0	6.7	11.5	9.1	-	0.2	-	27.5	52.4	11.4	7.7	0.1	0.8	0.1	72.5	10,140
Ndvisi	-	0.0	0.1	7.5	9.4	12.4	0.3	0.6	-	30.3	40.3	14.9	12.2	0.2	2.0	0.1	69.7	11,436
Maraka	-	-	-	3.6	12.8	7.1	-	0.5	-	24.0	25.3	20.2	20.5	2.0	8.0	-	76.0	6,387
Webuye West Constituency	0.0	0.1	0.0	2.1	7.0	3.6	0.0	0.2	0.0	13.1	54.5	16.4	8.4	2.5	5.0	0.1	86.9	32,771
Misikhu	-	-	-	0.8	8.4	1.8	0.1	-	0.1	11.2	63.9	11.6	6.5	0.3	6.5	0.0	88.8	8,085
Stikho	-	-	-	2.9	8.5	4.0	-	-	-	15.5	67.2	10.0	7.3	-	-	0.0	84.5	7,755
Matulo	0.1	0.1	0.1	3.1	5.0	4.2	-	0.5	-	13.1	26.9	24.3	14.6	8.4	12.7	0.2	86.9	8,474
Bokoli	-	0.1	-	1.7	6.2	4.4	0.1	0.1	-	12.7	61.7	19.2	5.0	0.9	0.5	0.1	87.3	8,457
Kimilili Constituency	0.1	0.1	0.0	9.4	5.4	3.1	0.1	1.3	0.0	19.6	40.4	15.0	8.0	2.3	14.6	0.1	80.4	36,313
Kibingei	0.2	-	0.1	11.1	3.9	4.0	-	0.2	-	19.4	39.2	16.3	6.8	2.2	16.2	-	80.6	9,549
Kimilili	-	0.2	-	5.3	5.8	1.4	0.0	0.3	0.0	13.1	35.9	9.6	4.3	5.4	31.6	0.0	86.9	10,436
Maeni	0.1	0.2	0.0	12.0	9.8	4.2	-	-	-	26.3	51.3	9.5	9.3	0.1	3.6	-	73.7	6,406
Kamukuywa	0.1	0.1	-	10.3	3.5	3.5	0.5	4.4	-	22.3	39.2	23.2	12.0	0.6	2.3	0.3	77.7	9,922
Tongaren Constituency	0.1	0.1	0.1	6.0	10.7	11.5	0.0	0.6	-	29.2	32.9	24.3	13.0	0.1	0.3	0.1	70.8	57,743
Mbakalo	0.1	0.2	0.1	4.2	8.1	10.7	0.0	0.1	-	23.5	52.6	12.5	10.7	0.2	0.4	0.1	76.5	9,818
Naitiri/Kabuyefwe	0.0	0.1	0.1	1.2	10.4	9.8	-	0.1	-	21.8	46.3	24.9	6.8	-	0.1	0.1	78.2	11,025
Milima	0.1	-	0.1	6.5	14.5	8.4	0.0	0.7	-	30.4	38.3	29.7	1.3	0.0	0.1	0.2	69.6	10,993
Ndalu	0.2	-	-	5.9	15.3	11.4	0.2	2.8	-	35.8	13.8	26.4	23.2	0.5	0.2	0.1	64.2	6,461
Tongaren	0.1	0.0	-	6.3	12.4	18.1	0.1	0.5	-	37.5	21.8	24.8	15.0	-	0.7	0.2	62.5	10,471
Soysambu/Mitua	0.4	0.1	0.3	13.2	4.2	10.7	-	0.0	-	28.9	15.1	27.5	28.2	-	0.2	0.1	71.1	8,975

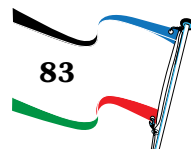
**Table 3:26: Human Waste Disposal by County, Constituency and Ward**

County/ Constituency	Main Sewer	Septic Tank	Cess Pool	VIP Latrine	Pit Latrine	Improved Sanitation	Pit Latrine Uncovered	Bucket	Bush	Other	Unimproved Sanitation	Number of HH Members
Kenya	5.91	2.76	0.27	4.57	47.62	61.14	20.87	0.27	17.58	0.14	38.86	37,919,647
Rural	0.14	0.37	0.08	3.97	48.91	53.47	22.32	0.07	24.01	0.13	46.53	26,075,195
Urban	18.61	8.01	0.70	5.90	44.80	78.02	17.67	0.71	3.42	0.18	21.98	<b>11,844,452</b>
Bungoma County	0.54	0.64	0.10	4.42	66.21	71.91	25.32	0.11	2.45	0.21	28.09	1,361,390
Mt Elgon Constituency	0.04	0.11	0.03	2.76	40.30	43.24	54.57	0.02	1.97	0.20	56.76	171,348
Cheptais	0.09	0.01	0.05	4.16	48.06	52.37	46.65	0.00	0.76	0.21	47.63	28,639
Chesikaki	0.05	0.01	0.00	4.31	54.69	59.07	37.32	0.00	3.29	0.32	40.93	23,874
Chepyuk	0.00	0.00	0.05	0.43	33.71	34.19	63.02	0.00	2.65	0.14	65.81	25,329
Kapkateny	0.03	0.07	0.01	0.65	45.49	46.25	51.53	0.09	1.77	0.36	53.75	28,628
Kaptama	0.03	0.00	0.04	1.34	28.92	30.33	67.77	0.02	1.81	0.07	69.67	33,402
Elgon	0.03	0.54	0.02	5.62	34.97	41.19	56.79	0.00	1.86	0.16	58.81	31,476
Sirisia Constituency	0.08	0.10	0.07	2.88	72.98	76.09	18.93	0.10	4.70	0.17	23.91	102,040
Namwela	0.06	0.14	0.01	3.68	75.28	79.16	18.99	0.02	1.60	0.23	20.84	27,263
Malakisi/South Kulisiru	0.05	0.14	0.06	2.82	72.02	75.09	19.37	0.21	5.23	0.11	24.91	35,001
Lwandanyi	0.11	0.03	0.11	2.38	72.25	74.88	18.50	0.06	6.37	0.19	25.12	39,776
Kabuchai Constituency	0.06	0.20	0.05	4.29	78.93	83.53	13.34	0.09	2.69	0.34	16.47	140,315
Kabuchai/Chwele	0.09	0.06	0.06	5.59	76.07	81.87	14.32	0.13	3.35	0.32	18.13	35,395
West Nalondo	0.09	0.69	0.06	4.61	81.92	87.36	8.24	0.04	3.77	0.59	12.64	33,100
Bwake/Luuya	0.07	0.08	0.05	5.76	82.49	88.45	9.94	0.12	1.32	0.17	11.55	33,935
Mukuyuni	0.00	0.01	0.04	1.49	75.80	77.34	19.93	0.08	2.37	0.29	22.66	37,885
Bumula Constituency	0.02	0.02	0.04	2.09	67.31	69.47	23.93	0.07	6.30	0.23	30.53	178,438
South Bukusu	0.00	0.00	0.00	0.77	83.28	84.05	12.20	0.07	3.58	0.10	15.95	23,132
Bumula	0.00	0.00	0.06	2.08	81.25	83.39	11.43	0.09	4.85	0.24	16.61	31,917
Khasoko	0.00	0.23	0.17	2.44	43.83	46.68	45.48	0.26	7.59	0.00	53.32	13,703
Kabula	0.00	0.00	0.00	3.82	88.00	91.82	5.58	0.00	2.24	0.36	8.18	20,704
Kimaeti	0.04	0.01	0.04	1.79	42.71	44.60	47.47	0.06	7.33	0.54	55.40	36,520
West Bukusu	0.02	0.00	0.04	4.61	72.03	76.69	13.05	0.03	10.18	0.05	23.31	19,965
Siboti	0.03	0.01	0.03	0.55	63.69	64.30	27.40	0.07	8.15	0.08	35.70	32,497
Kanduyi Constituency	0.88	2.00	0.26	5.28	72.58	81.01	17.12	0.22	1.52	0.14	18.99	224,273
Bukembe West	0.04	0.05	0.00	3.21	81.66	84.96	14.11	0.14	0.73	0.05	15.04	20,292
Bukembe East	2.56	1.44	0.06	1.65	80.87	86.58	12.56	0.03	0.70	0.13	13.42	25,202
Township	4.92	7.72	2.16	4.58	63.59	82.97	16.45	0.47	0.11	0.00	17.03	16,976
Khalaba	1.52	10.41	0.05	10.62	61.67	84.27	15.28	0.10	0.34	0.01	15.73	23,951
Musikoma	0.25	0.58	0.28	8.44	78.53	88.09	9.74	0.48	1.45	0.24	11.91	37,663
East SangAlo	0.02	0.00	0.03	3.19	79.02	82.26	16.11	0.06	1.49	0.08	17.74	32,178
Marakary/Tuuti	0.03	0.25	0.04	2.97	57.26	60.55	35.83	0.16	3.14	0.32	39.45	35,001
West SangAlo	0.06	0.01	0.15	6.72	76.39	83.33	13.66	0.28	2.59	0.15	16.67	33,010
Webuye East Constituency	0.37	0.94	0.16	5.36	68.47	75.30	23.06	0.06	1.33	0.26	24.70	100,982
Mihuu	0.22	0.92	0.03	4.15	67.63	72.95	25.03	0.05	1.83	0.14	27.05	37,734
Ndivisi	0.04	0.22	0.03	4.49	70.94	75.71	22.98	0.08	0.82	0.40	24.29	39,495
Maraka	1.18	2.17	0.57	8.72	65.70	78.34	20.05	0.03	1.38	0.20	21.66	23,753
Webuye West Constituency	3.13	0.96	0.10	4.21	62.25	70.65	27.60	0.10	1.42	0.22	29.35	126,808
Misikhu	0.06	0.10	0.03	3.72	63.91	67.82	30.46	0.02	1.46	0.24	32.18	31,338
Sitikho	0.07	0.04	0.02	2.59	56.72	59.45	37.84	0.07	2.39	0.26	40.55	30,047
Matulo	11.93	3.39	0.32	5.86	63.35	84.86	13.80	0.19	1.01	0.15	15.14	32,955
Bokoli	0.00	0.18	0.03	4.49	64.65	69.35	29.38	0.10	0.92	0.24	30.65	32,468
Kimilili Constituency	0.56	1.03	0.10	5.27	71.84	78.80	19.69	0.13	1.22	0.16	21.20	130,907
Kibingei	1.60	0.79	0.14	4.08	73.87	80.49	18.35	0.34	0.69	0.13	19.51	34,247

Kimili	0.10	2.96	0.23	11.75	65.63	80.67	18.53	0.08	0.60	0.12	19.33	35,291
Maeni	0.01	0.02	0.00	3.23	72.22	75.48	21.70	0.05	2.52	0.25	24.52	24,151
Kamukuywa	0.41	0.08	0.00	1.55	75.60	77.63	20.73	0.05	1.44	0.14	22.37	37,218
Tongaren Constituency	0.03	0.07	0.02	7.11	65.58	72.82	25.78	0.11	1.05	0.23	27.18	186,279
Mbakalo	0.00	0.08	0.05	8.48	73.03	81.64	16.39	0.06	1.60	0.32	18.36	31,955
Naitiri/Kabuyefwe	0.06	0.06	0.01	9.43	52.22	61.78	36.03	0.09	1.77	0.33	38.22	37,856
Milima	0.00	0.04	0.01	5.44	74.35	79.84	19.17	0.21	0.42	0.36	20.16	33,048
Ndalu	0.02	0.04	0.00	5.83	63.23	69.13	30.23	0.03	0.49	0.12	30.87	20,959
Tongaren	0.10	0.02	0.03	9.28	50.72	60.15	38.57	0.07	1.16	0.04	39.85	33,771
Soysambu/Mitua	0.00	0.20	0.05	2.80	84.02	87.07	12.04	0.20	0.52	0.17	12.93	28,690

Table 3.27: Human Waste Disposal in Male Headed household by County, Constituency and Ward

County/ Constituency/ ward	Main Sewer	Septic Tank	Cess Pool	VIP Latrine	Pit Latrine	Improved Sanitation	Pit Latrine Uncovered	Bucket	Bush	Other	Unimproved Sanitation	Number of HH Members
Kenya	6.30	2.98	0.29	4.60	47.65	61.81	20.65	0.28	17.12	0.14	38.19	26,755,066
Rural	0.15	0.40	0.08	3.97	49.08	53.68	22.22	0.07	23.91	0.12	46.32	18,016,471
Urban	18.98	8.29	0.73	5.89	44.69	78.58	17.41	0.70	3.13	0.18	21.42	8,738,595
Bungoma County	0.55	0.65	0.10	4.25	66.41	71.95	25.41	0.10	2.33	0.20	28.05	992,115
Mt Elgon Constituency	0.04	0.11	0.03	2.60	39.81	42.59	55.38	0.02	1.82	0.18	57.41	126,221
Cheptais	0.12	0.01	0.07	3.58	47.26	51.04	47.93	0.00	0.79	0.24	48.96	20,978
Chesikaki	0.08	0.02	0.00	4.40	54.80	59.30	37.51	0.00	2.87	0.33	40.70	16,576
Chepyuk	0.00	0.00	0.03	0.34	35.08	35.45	62.29	0.00	2.18	0.08	64.55	19,489
Kapkateny	0.00	0.09	0.01	0.42	44.81	45.33	52.66	0.08	1.63	0.30	54.67	21,234
Kaptama	0.01	0.00	0.05	1.29	29.01	30.37	67.82	0.02	1.73	0.06	69.63	25,030
Elgon	0.04	0.52	0.03	5.74	33.34	39.67	58.21	0.00	1.97	0.15	60.33	22,914
Sirisia Constituency	0.08	0.10	0.07	2.61	73.53	76.39	19.01	0.12	4.30	0.18	23.61	75,346
Namwela	0.07	0.15	0.02	3.62	75.76	79.62	18.85	0.02	1.24	0.26	20.38	20,373
Malakisi/South Kulisiru	0.06	0.15	0.07	2.48	72.55	75.31	19.41	0.24	4.92	0.12	24.69	26,001
Lwandanyi	0.10	0.01	0.11	2.02	72.84	75.09	18.77	0.07	5.90	0.17	24.91	28,972
Kabuchai Constituency	0.04	0.25	0.04	4.09	79.43	83.86	13.29	0.06	2.47	0.32	16.14	103,842
Kabuchai/Chwele	0.08	0.06	0.04	5.56	76.56	82.29	14.24	0.09	3.06	0.31	17.71	25,346
West Nalondo	0.06	0.88	0.03	4.51	82.14	87.62	8.21	0.05	3.54	0.58	12.38	25,325
Bwake/Luuya	0.02	0.09	0.07	5.27	83.35	88.80	9.77	0.02	1.24	0.17	11.20	24,638
Mukuyuni	0.00	0.01	0.03	1.38	76.20	77.63	19.98	0.08	2.07	0.24	22.37	28,533
Bumula Constituency	0.02	0.03	0.04	2.11	67.48	69.68	24.02	0.08	5.98	0.23	30.32	131,235
South Bukusu	0.01	0.00	0.00	0.66	82.76	83.43	12.60	0.10	3.73	0.14	16.57	16,765
Bumula	0.00	0.00	0.08	2.22	81.34	83.64	11.63	0.04	4.46	0.24	16.36	23,561
Khasoko	0.00	0.32	0.18	2.48	44.29	47.27	45.23	0.35	7.15	0.00	52.73	10,013
Kabula	0.00	0.00	0.00	3.67	88.03	91.70	5.63	0.00	2.28	0.40	8.30	15,409
Kimaeti	0.06	0.02	0.06	1.68	42.79	44.60	48.15	0.08	6.62	0.55	55.40	26,644
West Bukusu	0.02	0.00	0.00	4.79	72.10	76.90	13.00	0.04	10.02	0.03	23.10	14,984
Siboti	0.03	0.00	0.03	0.67	64.19	64.91	27.23	0.08	7.72	0.07	35.09	23,859
Kanduyi Constituency	0.91	1.96	0.27	5.04	72.94	81.13	16.99	0.21	1.54	0.14	18.87	165,285
Bukembe West	0.06	0.04	0.00	3.08	82.88	86.06	12.98	0.12	0.77	0.07	13.94	15,314
Bukembe East	2.76	1.56	0.08	1.65	80.92	86.97	12.18	0.00	0.74	0.11	13.03	18,702
Township	5.15	7.55	2.47	4.29	63.21	82.66	16.65	0.52	0.16	0.00	17.34	12,004
Khalaba	1.51	10.74	0.07	10.51	62.69	85.52	13.97	0.10	0.40	0.02	14.48	16,718
Musikoma	0.27	0.56	0.23	8.20	78.34	87.59	10.12	0.49	1.54	0.25	12.41	28,692
East SangAlo	0.02	0.00	0.02	3.09	79.44	82.57	15.95	0.03	1.39	0.06	17.43	23,327
Marakary/Tuuti	0.04	0.30	0.05	2.77	56.39	59.55	37.18	0.14	2.86	0.28	40.45	25,894
West SangAlo	0.08	0.02	0.19	6.07	77.34	83.70	13.10	0.24	2.83	0.14	16.30	24,634







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