

# Exploring Kenya's Inequality

Pulling Apart or Pooling Together?

Narok County



## Published by



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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**

Society for International Development (SID)  
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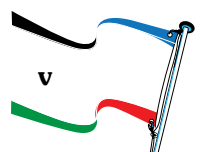


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**Stefano Prato**  
**Managing Director,**  
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# Striking Features on Intra-County Inequality in Kenya

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:

$$Gini = 1 - \frac{2}{N} \sum_{i=1}^N (x_i - x_{i-1}) (y_i + y_{i-1})$$

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.

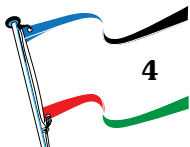
The sample in the 2005/06 KIHBS, which was a representative subset of the population, collected detailed information regarding consumption expenditures. The survey gives poverty estimate of urban and rural poverty at the national level, the provincial level and, albeit with less precision, at the district 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.



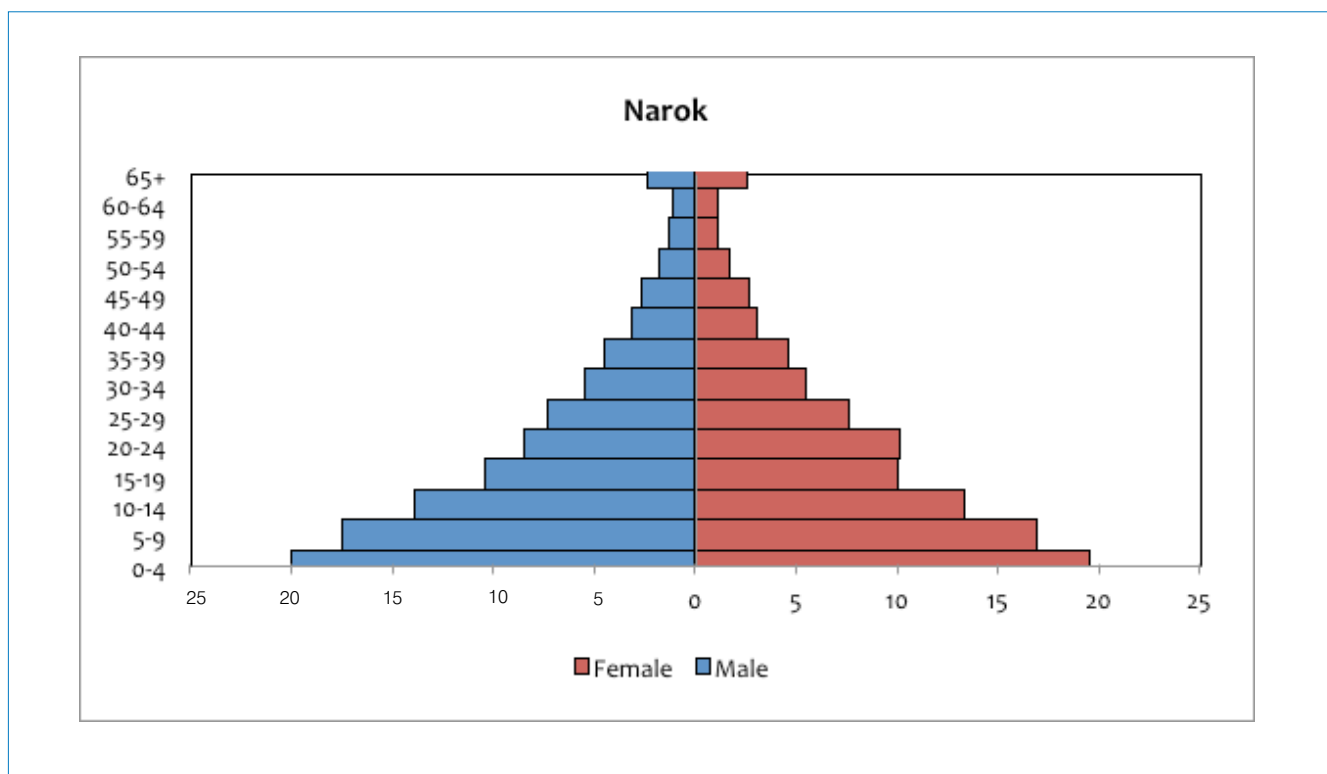


# Narok County



## NAROK COUNTY

**Figure 33.1: Narok Population Pyramid**



### Population

Narok County has a child rich population, where 0-14 year olds constitute 51% 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 43%.

### 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 42 up to ward level.

**Table 33: Overall Employment by Education Levels in Narok County**

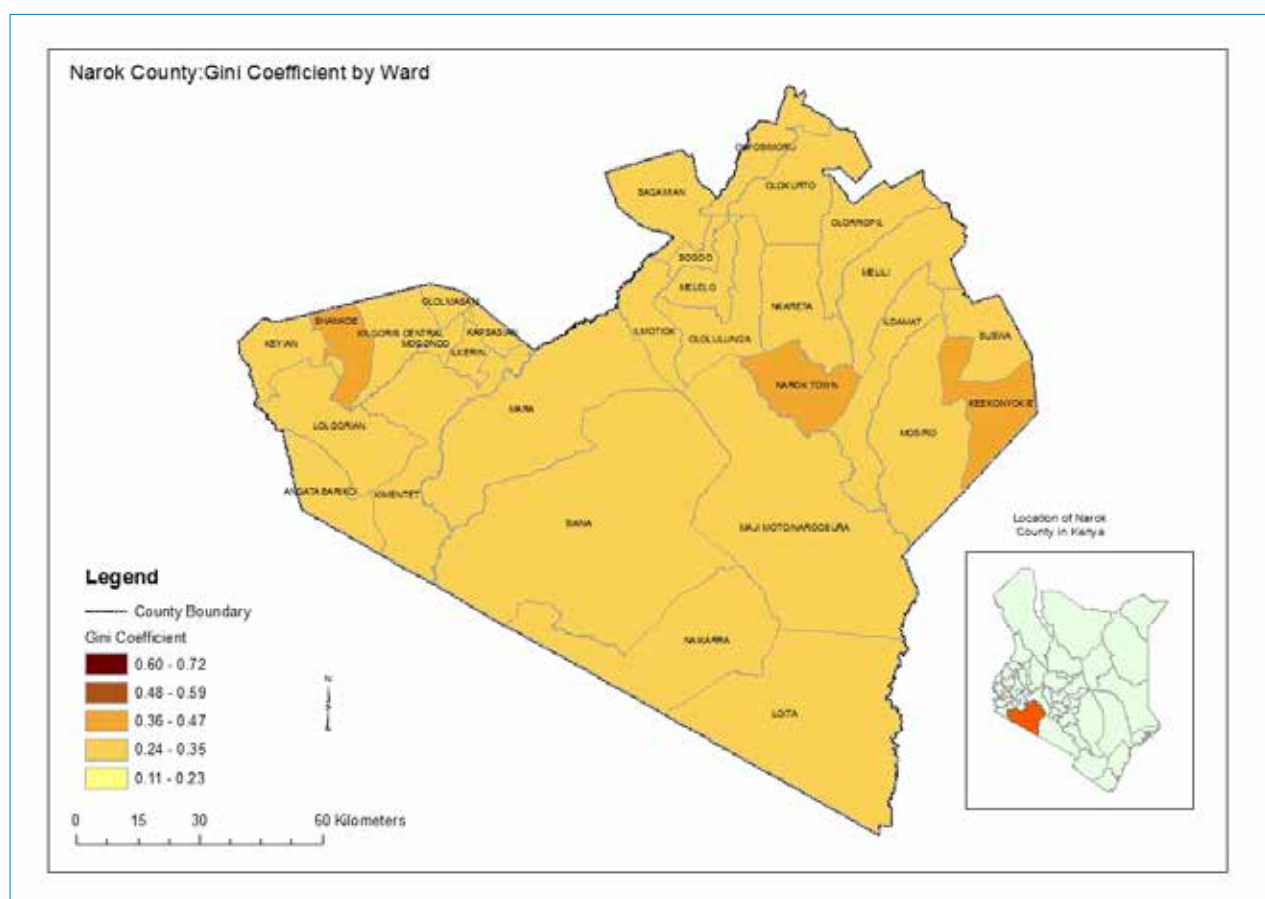
Education Level	Work for pay	Family Business	Family Agricultural Holding	Intern/ Volunteer	Retired/ Home-maker	Fulltime Student	Incapacitated	No work	Number of Individuals
<b>Total</b>	12.7	16.3	45.5	1.1	10.7	9.7	0.3	3.7	393,871
<b>None</b>	7.8	18.3	48.7	1.4	18.3	0.2	0.6	4.8	120,098
<b>Primary</b>	10.3	15.2	49.6	0.9	8.0	13.0	0.2	3.0	196,117
<b>Secondary+</b>	26.1	16.0	30.5	1.1	5.9	16.4	0.1	4.0	77,656

In Narok County, 8% of the residents with no formal education 10% of those with a primary education and 26% of those with a secondary level of education or above are working for pay. Work for pay is highest in Nairobi at 49% and this is almost twice the level in Narok for those with secondary level of education or above.

## Gini Coefficient

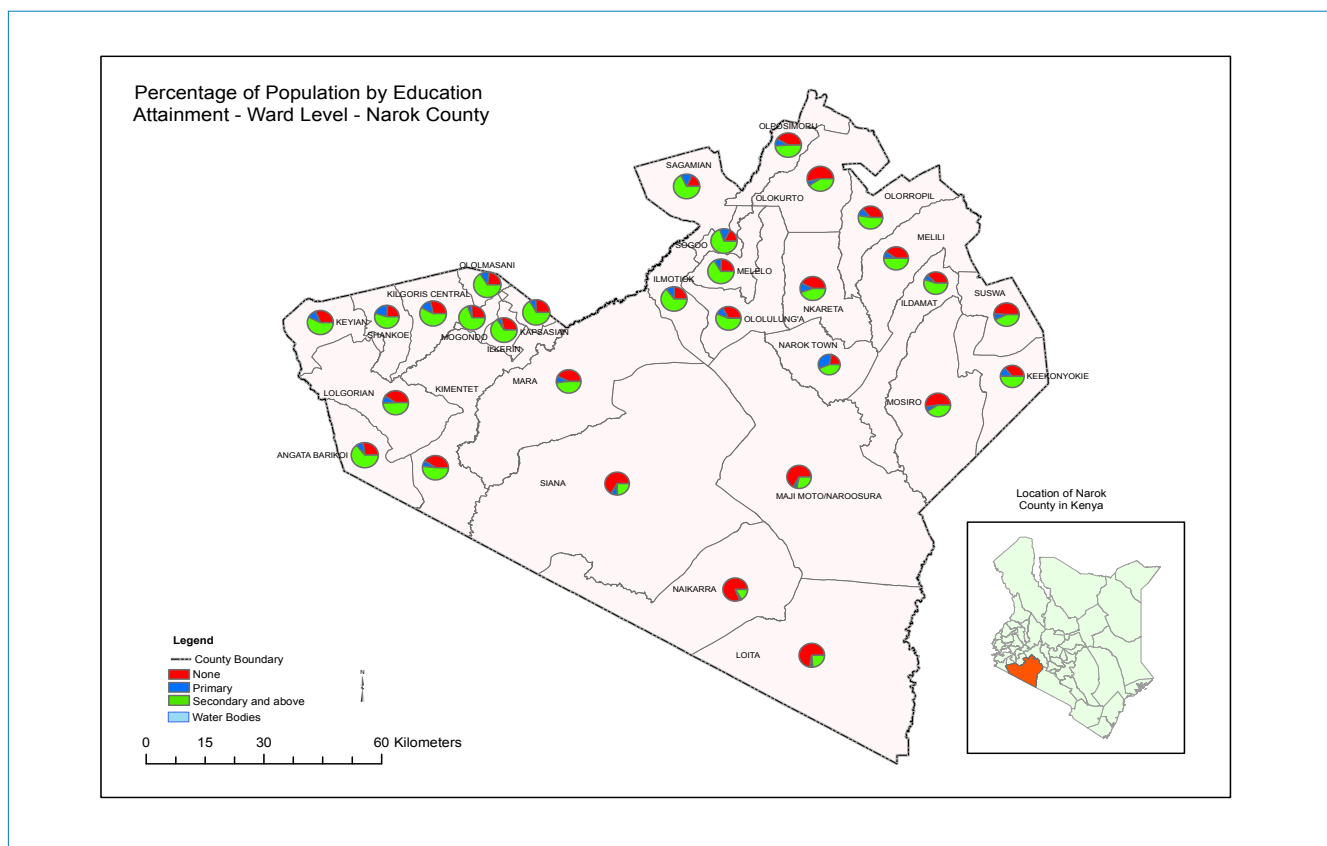
In this report, the Gini index measures the extent to which the distribution of consumption expenditure among individuals or households within an economy deviates from a perfectly equal distribution. A Gini index of '0' represents perfect equality, while an index of '1' implies perfect inequality. Narok County's Gini index is 0.315 compared with Turkana County, which has the least inequality nationally (0.283).

**Figure 33.2: Narok County-Gini Coefficient by Ward**



## Education

**Figure 33.3: Narok County-Percentage of Population by Education Attainment by Ward**



11% of Narok County residents have a secondary level of education or above. Narok North constituency has the highest share of residents with a secondary level of education or above at 16%. This is 8 percentage points above Emurua Dikirr constituency, which has the lowest share of residents with a secondary level of education or above. Narok North constituency is 5 percentage points above the county average. Narok Town ward has the highest share of residents with a secondary level of education or above at 34%. This is 11 times Naikarra ward, which has the lowest share of residents with a secondary level of education or above. Narok Town ward is 23 percentage points above the county average.

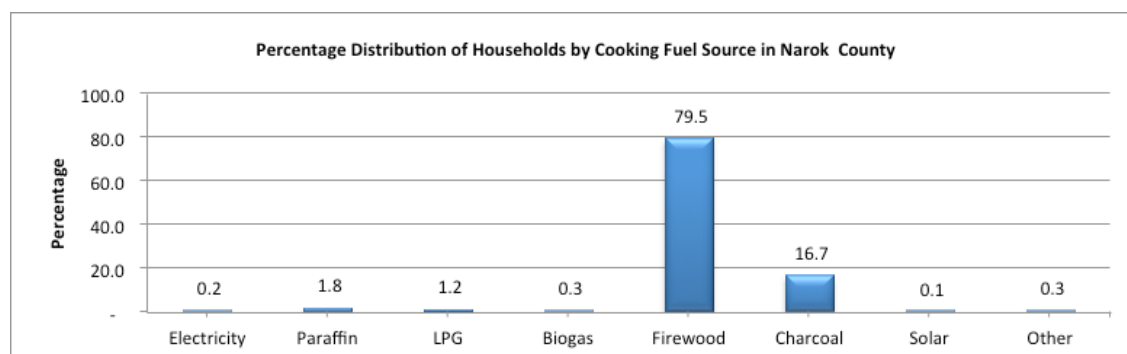
A total of 51% of Narok County residents have a primary level of education only. Emurua Dikirr constituency has the highest share of residents with a primary level of education only at 67%. This is 24 percentage points above Narok West constituency, which has the lowest share of residents with a primary level of education only. Emurua Dikirr constituency is 16 percentage points above the county average. Sogoo ward has the highest share of residents with a primary level of education only at 70%. This is four times Naikarra ward, which has the lowest share of residents with a primary level of education only. Sogoo ward is 19 percentage points above the county average.

A total of 38% of Narok County residents have no formal education. Narok West constituency, has the highest share of residents with no formal education at 49% each. This is 23 percentage points above Emurua Dikirr constituency, which has the lowest share of residents with no formal education. Narok West constituency is 11 percentage points above the county average. Naikarra ward has the highest percentage of residents with no formal education at 81%. This is almost five times Sogoo ward, which has the lowest percentage of residents with no formal education. Naikarra ward is 43 percentage points above the county average.

## Energy

### Cooking Fuel

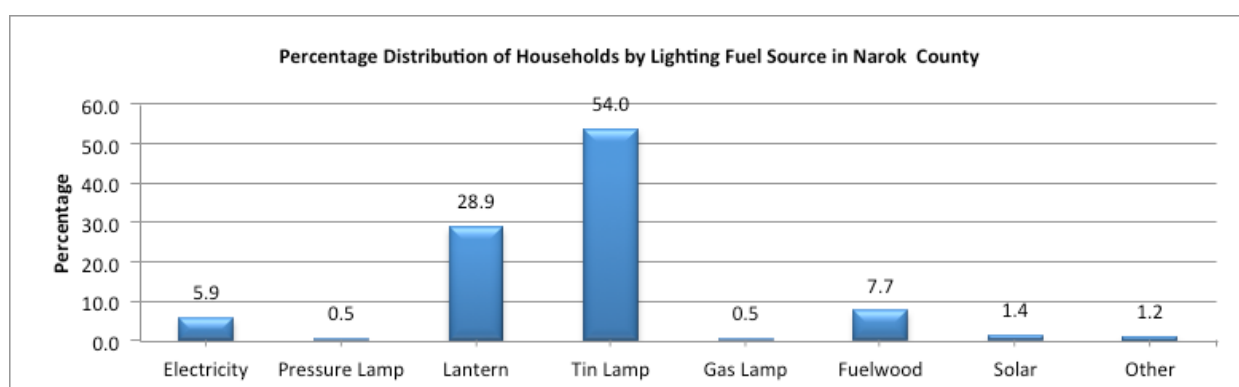
**Figure 33.4: Percentage Distribution of Households by Source of Cooking Fuel in Narok County**



Just 1% of residents in Narok County use liquefied petroleum gas (LPG), and 2% use paraffin. 80% use firewood and 17% use charcoal. Firewood is the most common cooking fuel by gender with 78% in male headed households and 83% in female headed households.

Emurua Dikirr constituency has the highest level of firewood use in Narok County at 97%. This is 39 percentage points above Narok North constituency, which has the lowest share. Emurua Dikirr constituency is about 17 percentage points above the county average. Mogondo ward has the highest level of firewood use in Narok County at 99%. This is six times Narok Town ward, which has the lowest share. Mogondo ward is 19 percentage points above the county average.

Narok North constituency has the highest level of charcoal use in Narok County at 36%. This is 35 percentage points above Emurua Dikirr constituency, which has the lowest share. Narok North constituency is 19 percentage points above the county average. Narok Town ward has the highest level of charcoal use in Narok County at 69%. This is 68 percentage points more than Mogondo and Kapsasian wards, which have the lowest share. Narok Town ward is 52 percentage points above the county average.



## Lighting

### Figure 33.5: Percentage Distribution of Households by Source of Lighting Fuel in Narok County

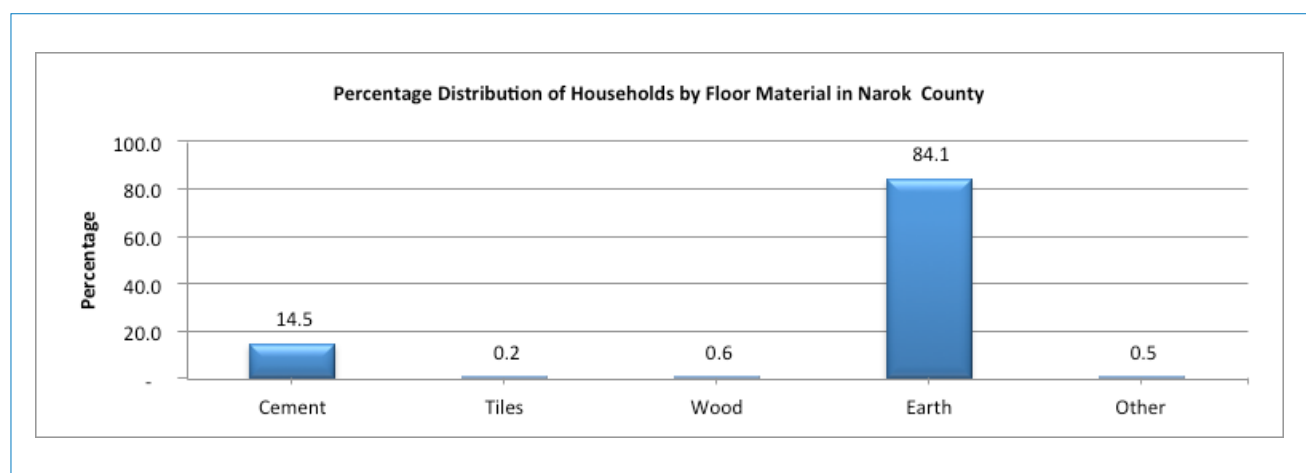
Only 6% of residents in Narok County use electricity as their main source of lighting. A further 29% use lanterns, and 54% use tin lamps. 8% use fuel wood. Electricity use is mostly common in male headed households at 7% as compared with female headed households at 4%.

Narok North constituency has the highest level of electricity use at 16%. That is 16 percentage points above Emurua Dikirr constituency, which has the lowest level of electricity use. Narok North constituency is 10 percentage points above the county average. Narok Town ward has the highest level of electricity use at 46%. That is 46 percentage points above Angata Barikoi, Kapsasian and Naikarra wards that have no level of electricity use. Narok Town ward is 40 percentage points above the county average.

## Housing

### Flooring

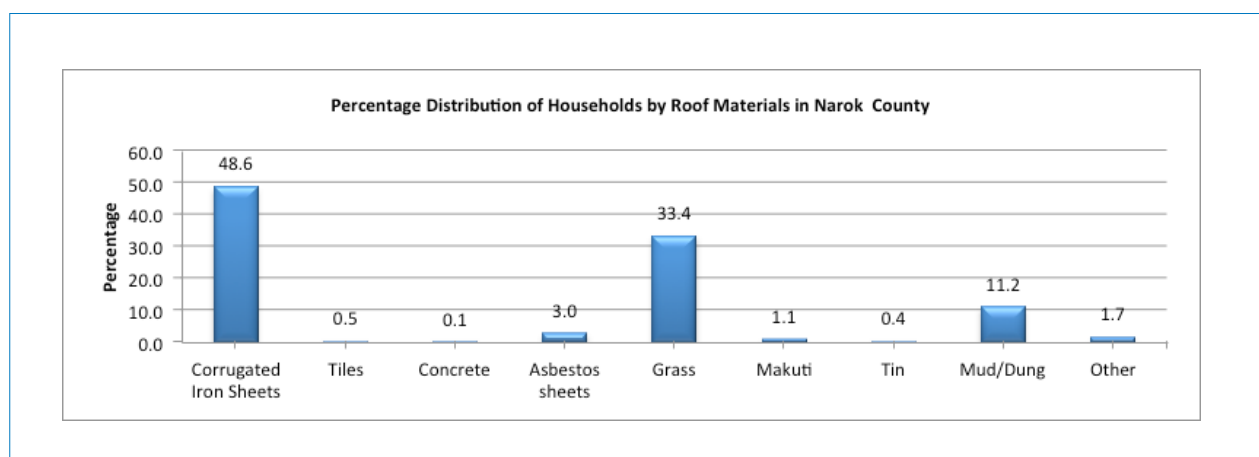
### Figure 33.6: Percentage Distribution of Households by Floor Material in Narok County



In Narok County, 15% of residents have homes with cement floors, while 84% have earth floors. Less than 1% has tile and 1% has wood floors. Narok North constituency has the highest share of cement floors at 27%. That is nine times Emurua Dikirr constituency, which has the lowest share of cement floors. Narok North constituency is 12 percentage points above the county average. Narok Town ward has the highest share of cement floors at 70%. That is 35 times Mogondo ward has the lowest share of cement floors. Narok Town ward is 55 percentage points above the county average.

## Roofing

**Figure 33.7: Percentage Distribution of Households by Roof Material in Narok County**



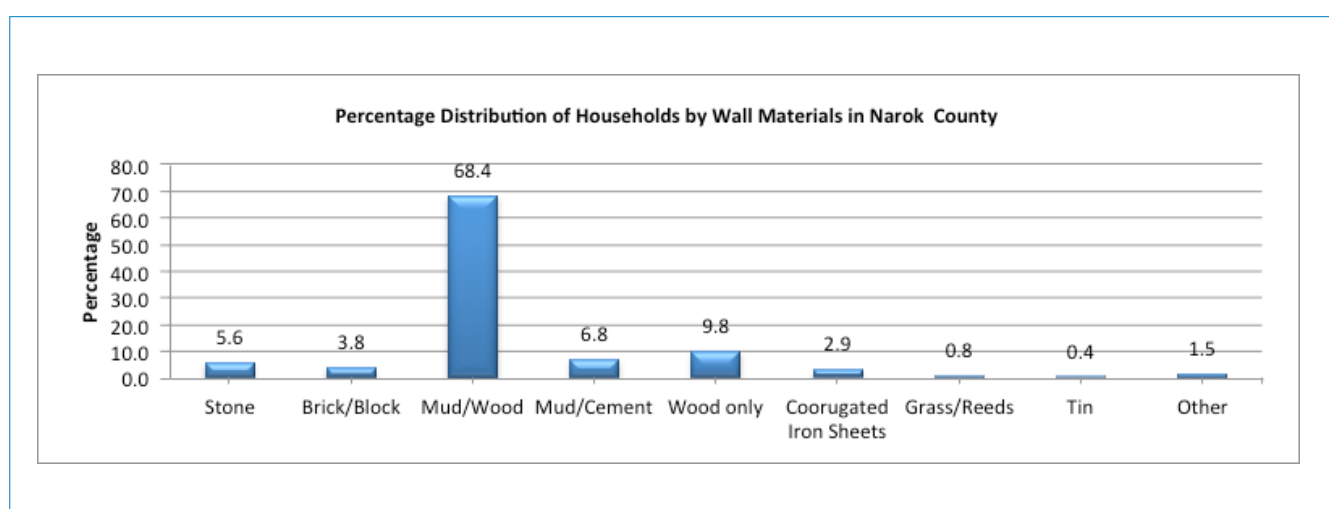
In Narok County, less than 1% of residents have homes with concrete roofs, while 49% have corrugated iron sheet roofs. Grass and makuti roofs constitute 35% of homes, and 11% has mud/dung roofs.

Narok North constituency has the highest share of corrugated iron sheet roofs at 78%. That is almost five times Emurua Dikirr constituency has the lowest share of corrugated iron sheet roofs. Narok North constituency is 29 percentage points above the county average. Narok Town ward, which has the highest share of corrugated iron sheet roofs at 91%. That is nine times Mogondo ward, which has the lowest share of corrugated iron sheet roofs. Narok Town ward is 42 percentage points above the county average.

Emurua Dikirr constituency has the highest share of grass/makuti roofs at 81%. That is eight times Narok North constituency, which has the lowest share of grass/makuti roofs. Emurua Dikirr constituency is 46 percentage points above the county average. Two wards, Mogondo and Ilkerin, have the highest share of grass/makuti roofs 88% each. This is 88 percentage points above Narok Town ward, which has the lowest share. Mogondo and Ilkerin wards are 53 percentage points above the county average.

## Walls

**Figure 33.8: Percentage Distribution of Households by Wall Material in Narok County**





In Narok County, 9% of homes have either brick or stone walls. 75% of homes have mud/wood or mud/cement walls. 10% have wood walls. 3% have corrugated iron walls. 1% has grass/thatched walls. 2% have tin or other walls.

Narok North constituency has the highest share of brick/stone walls at 20%. That is 19 percentage points above Emurua Dikirr constituency, which has the lowest share of brick/stone walls. Narok North constituency is 11 percentage points above the county average. Narok Town ward has the highest share of brick/stone walls at 54%. That is 54 percentage points above Ilkerin ward, which has the lowest share of brick/stone walls. Narok Town ward is 45 percentage points above the county average.

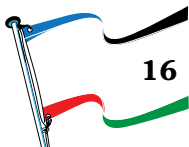
Emurua Dikirr constituency has the highest share of mud with wood/cement walls at 95%. That is twice Narok North constituency, which has the lowest share of mud with wood/cement. Emurua Dikirr constituency is 20 percentage points above the county average. Mogondo ward with the highest share of mud with wood/cement walls at 97%. That is four times Narok Town ward has the lowest share of mud with wood/cement walls. Mogondo ward is 22 percentage points above the county average.

## Water

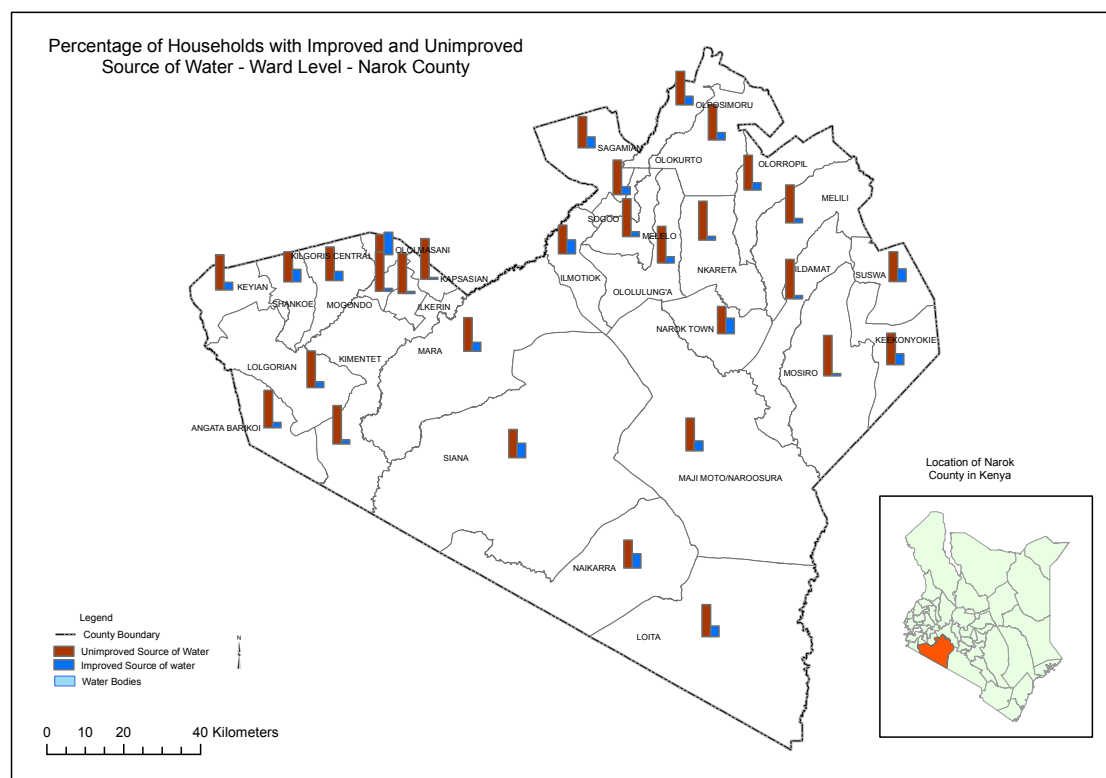
Improved sources of water comprise protected spring, protected well, borehole, piped into dwelling, piped and rain water collection while unimproved sources include pond, dam, lake, stream/river, unprotected spring, unprotected well, jabia, water vendor and others.

In Narok County, 20% of residents use improved sources of water, with the rest relying on unimproved sources. There is no differential by gender in use of improved sources at 20% in both male and female headed households.

Narok West constituency has the highest share of residents using improved sources of water at 30%. That is almost twice Narok East constituency has the lowest share using improved sources of water. Narok West constituency is 9 percentage points above the county average. Ololmasani ward has the highest share of residents using improved sources of water at 53%. That is 13 times Kapsasian ward, which has the lowest share using improved sources of water. Ololmasani ward is 33 percentage points above the county average.



**Figure 33.9: Narok County-Percentage of Households with Improved and Unimproved Sources of Water by Ward**

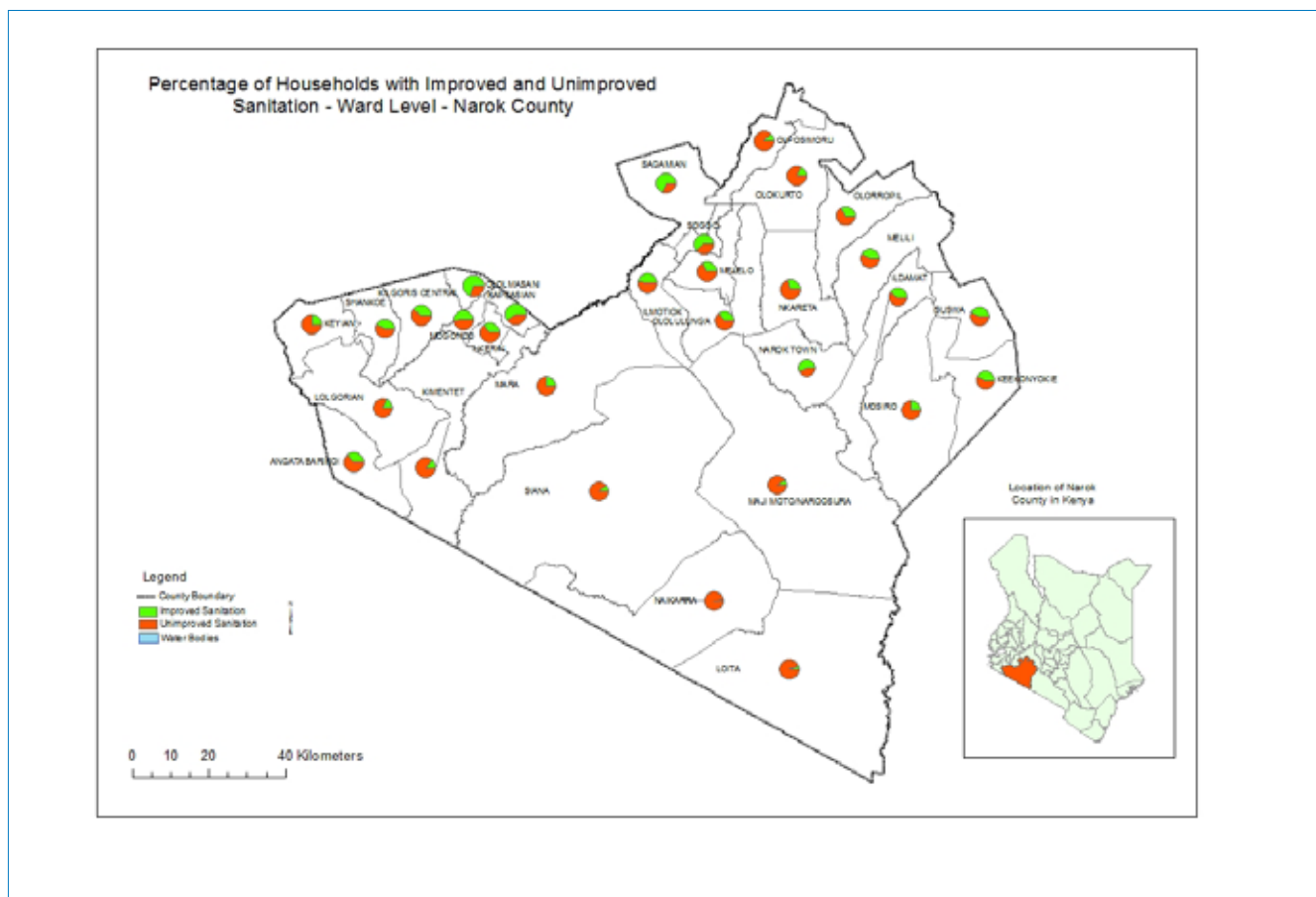


## Sanitation

A total of 35% of residents in Narok County use improved sanitation, while the rest use unimproved sanitation. Use of improved sanitation is higher in male headed households at 37% as compared with female headed households at 31%.

Emurua Dikirr constituency has the highest share of residents using improved sanitation at 55%. That is twice Narok West constituency, which has the lowest share using improved sanitation. Emurua Dikirr constituency is 20 percentage points above the county average. Ololmasani ward has the highest share of residents using improved sanitation at 71%. That is 24 times Naikarra ward, which has the lowest share using improved sanitation. Ololmasani ward is 36 percentage points above the county average.

**Figure 33.10: Narok County –Percentage of Households with Improved and Unimproved Sanitation by Ward**



## Narok County Annex Tables

## 33. NAROK

Table 33.1: Gender, Age group, Demographic Indicators and Households Size by County Constituency and Wards

County/Constituency/ Wards	Gender			Age group							Demographic indicators				Proportion of HH Members:			
	Total Pop	Male	Female	0-5 yrs	0-14 yrs	10-18 yrs	15-34 yrs	15-64 yrs	65+ yrs	sex Ratio	Total de- pendancy Ratio	Child de- pendancy Ratio	aged depen- dancy ratio	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	
Narok County	839,659	421,762	417,897	197,936	425,041	186,524	272,648	393,871	20,747	1.009	1.132	1.079	0.053	29.9	42.6	27.5	163,823	
Kilgoris Constituency	177,547	88,736	88,811	42,147	89,939	40,316	57,696	83,398	4,210	0.999	1.129	1.078	0.050	25.3	42.0	32.7	31705	
Kilgoris Central	41,630	20,502	21,128	9,433	21,438	10,480	13,360	19,035	1,157	0.970	1.187	1.126	0.061	20.4	41.4	38.2	6975	
Keyian	26,562	13,265	13,297	6,203	13,143	5,991	8,728	12,809	610	0.998	1.074	1.026	0.048	24.5	43.2	32.3	4806	
Angata Barikoi	24,803	12,299	12,504	6,091	12,657	5,604	8,186	11,623	523	0.984	1.134	1.089	0.045	19.2	43.3	37.5	4093	
Shankoe	27,981	14,014	13,967	6,003	13,107	6,065	9,807	14,274	600	1.003	0.960	0.918	0.042	34.0	38.2	27.8	5294	
Kimentet	22,436	11,606	10,830	5,717	11,808	4,742	6,889	10,029	599	1.072	1.237	1.177	0.060	26.6	42.8	30.6	4190	
Lolgorian	34,135	17,050	17,085	8,700	17,786	7,434	10,726	15,628	721	0.998	1.184	1.138	0.046	27.0	43.3	29.6	6347	
Emurua Dikirr Constituency	93,858	46,470	47,388	22,120	48,024	22,254	30,276	43,352	2,482	0.981	1.165	1.108	0.057	21.6	43.1	35.3	16347	
Ilkerin	26,351	13,117	13,234	6,373	13,628	6,203	8,398	12,058	665	0.991	1.185	1.130	0.055	22.4	42.9	34.8	4588	
Oloimasani	26,527	13,164	13,363	5,906	13,317	6,442	8,731	12,422	788	0.985	1.135	1.072	0.063	20.7	42.9	36.4	4588	
Mogondo	17,578	8,723	8,855	4,342	9,042	3,932	5,575	8,070	466	0.985	1.178	1.120	0.058	23.7	45.4	30.9	3253	

Kapsasian	23,402	11,466	11,936	5,499	12,037	5,677	7,572	10,802	563	0.961	1.166	1.114	0.052	19.8	41.8	38.4	3918
Narok North Constituency	171,728	88,042	83,686	37,526	82,114	36,731	59,588	85,537	4,077	1.052	1.008	0.960	0.048	38.6	39.4	22.1	37654
Oloposimoru	19,878	10,023	9,855	4,689	10,446	4,664	6,254	8,902	530	1.017	1.233	1.173	0.060	23.5	45.7	30.8	3666
Olokurto	21,033	10,586	10,447	5,080	11,425	5,050	6,303	8,988	620	1.013	1.340	1.271	0.069	19.2	47.4	33.4	3781
Narok Town	44,573	22,522	22,051	8,550	17,622	7,736	18,890	26,248	703	1.021	0.698	0.671	0.027	56.2	33.0	10.7	12640
Nkareta	20,175	10,329	9,846	4,463	10,147	4,803	6,475	9,524	504	1.049	1.118	1.065	0.053	26.0	44.7	29.3	3850
Oloropili	29,384	15,466	13,918	6,412	14,055	6,328	9,698	14,501	828	1.111	1.026	0.969	0.057	35.7	40.6	23.7	6222
Melili	36,685	19,116	17,569	8,332	18,419	8,150	11,968	17,374	892	1.088	1.111	1.060	0.051	34.7	39.2	26.0	7495
Narok East Constituency	82,388	41,868	40,520	19,833	42,081	17,361	25,884	38,007	2,300	1.033	1.168	1.107	0.061	33.7	42.9	23.4	17305
Mosiro	27,064	13,621	13,443	6,633	13,909	5,535	8,448	12,374	781	1.013	1.187	1.124	0.063	28.5	47.1	24.5	5405
Idamat	15,609	8,126	7,483	3,660	7,782	3,209	4,996	7,399	428	1.086	1.110	1.052	0.058	38.5	40.3	21.2	3469
Keekonyokie	20,514	10,386	10,128	4,667	10,079	4,299	6,646	9,831	604	1.025	1.087	1.025	0.061	39.6	39.4	21.0	4606
Suswa	19,201	9,735	9,466	4,873	10,311	4,318	5,794	8,403	487	1.028	1.285	1.227	0.058	29.5	43.8	26.7	3825
Narok South Constituency	180,953	90,643	90,310	43,119	93,433	41,016	57,220	83,344	4,176	1.004	1.171	1.121	0.050	26.1	44.5	29.4	33871
Maji Moto/Narokura	39,385	19,100	20,285	10,502	21,473	8,049	11,447	16,797	1,115	0.942	1.345	1.278	0.066	29.6	49.5	21.0	8159
OloolungA	34,621	17,697	16,924	7,918	17,586	7,958	11,213	16,366	649	1.046	1.113	1.073	0.040	27.9	38.2	33.9	6161
Melelo	35,032	17,591	17,441	8,032	18,065	8,417	11,156	16,248	719	1.009	1.156	1.112	0.044	23.6	43.0	33.4	6280
Loita	22,601	11,406	11,195	5,867	12,075	4,611	6,526	9,903	623	1.019	1.282	1.219	0.063	23.2	50.8	26.0	4332
Sogoo	28,397	14,334	14,063	6,244	14,063	6,896	9,676	13,731	603	1.019	1.068	1.024	0.044	24.8	41.7	33.6	5102

Sagamian	20,917	10,515	10,402	4,556	10,171	5,085	7,202	10,279	467	1,011	1,035	0.989	0.045	24.9	42.8	32.2	3837
Narok West Constituency	133,185	66,003	67,182	33,191	69,450	28,846	41,984	60,233	3,502	0.982	1,211	1.153	0.058	30.7	44.7	24.5	26941
Ilmotok	46,006	22,955	23,051	10,331	22,950	11,207	15,372	21,841	1,215	0.996	1,106	1.051	0.056	26.0	42.2	31.8	8556
Mara	32,741	16,509	16,232	7,937	16,732	7,212	10,604	15,157	852	1.017	1,160	1.104	0.056	32.3	43.7	24.0	6767
Siana	32,114	16,073	16,041	8,456	17,050	6,146	9,998	14,244	820	1.002	1,255	1.197	0.058	36.7	45.0	18.3	7124
Naikarra	22,324	10,466	11,858	6,467	12,718	4,281	6,010	8,991	615	0.883	1,483	1.415	0.068	27.7	50.8	21.5	4494

Table 33.2: Employment by County, Constituency and Wards

County/Constituency/Wards	Work for pay	Family Business	Family Agricultural Holding	Intern/Volunteer	Retired/Homemaker	Fulltime Student	Incapacitated	No work	Number 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
Narok County	12.7	16.3	45.5	1.1	10.7	9.7	0.3	3.7	393,871
Kilgoris Constituency	12.3	17.1	44.8	1.2	9.1	11.8	0.3	3.4	83,398
Kilgoris Central	11.0	16.9	36.0	1.4	14.2	15.3	0.6	4.6	19,035
Keyian	14.3	18.2	46.6	1.2	3.7	11.7	0.2	4.0	12,809
Angata Barikoi	5.3	18.8	56.4	1.5	4.8	11.1	0.2	1.9	11,623
Shankoe	20.4	13.8	36.6	1.1	10.1	14.3	0.2	3.6	14,274
Kimentet	11.9	11.4	54.2	0.6	10.9	8.1	0.1	2.9	10,029
Lolgorian	10.2	22.0	47.0	1.3	8.2	8.3	0.4	2.8	15,628

Emurua Dikirr Constituency	6.9	16.5	48.3	1.2	6.3	17.8	0.5	2.6	43,352
Ilkenin	4.8	13.6	56.9	1.1	3.5	16.6	0.3	3.3	12,058
Ololmasani	8.9	14.9	44.1	1.1	9.3	19.5	1.0	1.3	12,422
Mogondo	4.9	17.5	54.2	1.2	3.6	16.8	0.2	1.6	8,070
Kapsasian	8.2	20.7	38.9	1.5	8.2	18.1	0.4	4.1	10,802
Narok North Constituency	19.1	17.2	38.0	1.1	11.6	8.3	0.3	4.3	85,537
Oloposimoru	8.3	13.1	59.1	1.3	5.7	7.1	0.3	5.0	8,902
Olokurto	8.3	14.2	56.5	0.7	11.8	5.3	0.5	2.8	8,988
Narok Town	36.9	25.9	7.6	1.2	11.9	10.3	0.2	6.2	26,248
Nkareta	15.1	22.1	32.5	1.0	16.1	8.8	0.2	4.2	9,524
Olorropil	10.0	12.0	53.7	0.9	11.6	8.8	0.2	2.8	14,501
Melili	13.3	9.5	53.3	1.5	11.8	6.9	0.4	3.4	17,374
Narok East Constituency	13.2	16.1	42.8	1.1	14.2	8.6	0.2	3.8	38,007
Mosiro	10.1	14.1	42.5	1.4	19.7	9.3	0.3	2.8	12,374
Ildamat	11.6	17.7	54.6	0.4	7.6	5.1	0.2	2.7	7,399
Keekonyokie	20.3	21.7	29.0	1.3	14.8	9.2	0.4	3.4	9,831
Suswa	10.8	11.2	49.2	1.0	11.3	10.0	0.1	6.5	8,403
Narok South Constituency	8.0	13.1	54.8	0.9	11.6	7.1	0.2	4.2	83,344
Maji Moto/Naroosura	9.8	13.9	39.3	1.5	23.1	4.4	0.4	7.6	16,797
OlolulungA	10.5	12.0	57.5	0.8	6.8	7.4	0.2	4.9	16,386
Melelo	6.3	12.0	63.8	0.8	7.2	7.2	0.1	2.6	16,248



Loita	7.2	20.7	34.0	0.8	25.3	5.9	0.5	5.6	9,903
Sogoo	6.9	8.0	68.1	0.8	5.8	8.3	0.2	1.9	13,731
Sagamian	6.0	14.9	64.0	0.6	2.2	10.3	0.1	1.9	10,279
Narok West Constituency	14.2	18.1	44.2	1.0	11.3	7.4	0.3	3.5	60,233
Ilmotok	10.0	13.8	48.7	1.1	12.7	11.2	0.2	2.5	21,841
Mara	17.8	17.9	40.7	0.9	9.0	9.6	0.1	3.9	15,157
Siana	22.4	18.0	38.7	1.6	12.7	2.5	0.1	4.0	14,244
Naikarra	5.4	29.0	47.8	0.4	9.6	2.5	0.8	4.6	8,991

**Table 33.3: Employment and Education Levels by County, Constituency and Wards**

County /constituency/Wards	Education Totallevel	Work for pay	Family Business	Family Agricultural Holding	Intern/ Volunteer	Retired/ Homemaker	Full-time Student	Incapacitated	No work	Number 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
Narok	Total	12.7	16.3	45.5	1.1	10.7	9.7	0.3	3.7	393,871
Narok	None	7.8	18.3	48.7	1.4	18.3	0.2	0.6	4.8	120,098
Narok	Primary	10.3	15.2	49.6	0.9	8.0	13.0	0.2	3.0	196,117
Narok	Secondary+	26.1	16.0	30.5	1.1	5.9	16.4	0.1	4.0	77,656
Kilgoris Constituency	Total	12.3	17.1	44.8	1.2	9.1	11.8	0.3	3.4	83,398
Kilgoris Constituency	None	8.2	18.2	52.1	1.9	14.6	0.3	0.8	4.1	19,714
Kilgoris Constituency	Primary	9.6	17.0	46.8	1.0	8.2	14.1	0.2	3.0	45,237
Kilgoris Constituency	Secondary+	23.2	16.2	32.1	1.1	5.2	18.4	0.1	3.7	18,447
Kilgoris Central Wards	Total	11.0	16.9	36.0	1.4	14.2	15.3	0.6	4.6	19,035
Kilgoris Central Wards	None	8.4	16.8	38.8	2.6	22.7	0.3	2.2	8.2	3,812
Kilgoris Central Wards	Primary	8.6	17.7	37.7	1.0	13.6	17.8	0.3	3.3	10,357
Kilgoris Central Wards	Secondary+	17.9	15.4	30.1	1.4	8.8	21.7	0.2	4.4	4,866
Keyian Wards	Total	14.3	18.2	46.6	1.2	3.7	11.7	0.2	4.0	12,809
Keyian Wards	None	11.3	20.6	55.6	2.0	5.4	0.5	0.6	4.1	2,907
Keyian Wards	Primary	13.5	18.2	46.2	1.0	3.6	13.3	0.2	4.0	7,289
Keyian Wards	Secondary+	19.9	15.4	37.9	0.9	2.2	19.8	0.0	3.9	2,613
Angata Barikoi Wards	Total	5.3	18.8	56.4	1.5	4.8	11.1	0.2	1.9	11,623
Angata Barikoi Wards	None	5.9	19.1	63.1	2.2	7.0	0.2	0.7	1.8	2,151
Angata Barikoi Wards	Primary	3.4	19.1	57.5	1.2	4.9	12.2	0.1	1.6	7,751
Angata Barikoi Wards	Secondary+	13.5	17.1	43.0	1.7	1.2	19.9	-	3.6	1,721
Shankoe Wards	Total	20.4	13.8	36.6	1.1	10.1	14.3	0.2	3.6	14,274

Shankoe Wards	None	13.4	11.5	48.1	1.9	20.8	0.5	0.5	3.4	2,154
Shankoe Wards	Primary	15.2	13.2	41.1	0.8	10.0	16.0	0.2	3.5	7,137
Shankoe Wards	Second-ary+	30.7	15.6	25.3	1.1	5.7	17.7	0.1	3.9	4,983
Kimentet Wards	Total	11.9	11.4	54.2	0.6	10.9	8.1	0.1	2.9	10,029
Kimentet Wards	None	6.1	10.9	60.6	0.9	18.1	0.2	0.1	3.1	3,440
Kimentet Wards	Primary	8.1	11.3	57.4	0.4	7.9	11.9	0.2	2.8	5,143
Kimentet Wards	Second-ary+	39.3	12.7	27.2	0.6	4.2	13.6	-	2.6	1,446
Lolgorian Wards	Total	10.2	22.0	47.0	1.3	8.2	8.3	0.4	2.8	15,628
Lolgorian Wards	None	6.4	24.9	51.2	1.7	11.9	0.3	0.4	3.1	5,250
Lolgorian Wards	Primary	9.2	20.3	47.3	1.2	7.3	11.6	0.4	2.7	7,560
Lolgorian Wards	Second-ary+	19.7	20.9	38.0	0.6	4.0	14.1	0.1	2.6	2,818
Emurua Dikirr Constituency	Total	6.9	16.5	48.3	1.2	6.3	17.8	0.5	2.6	43,352
Emurua Dikirr Constituency	None	5.8	16.2	62.3	2.0	8.5	0.3	1.4	3.6	6,693
Emurua Dikirr Constituency	Primary	5.3	17.0	48.6	1.1	6.4	18.9	0.3	2.4	30,912
Emurua Dikirr Constituency	Second-ary+	16.2	13.9	30.2	1.2	3.2	32.4	0.2	2.7	5,747
Ilkerin Wards	Total	4.8	13.6	56.9	1.1	3.5	16.6	0.3	3.3	12,058
Ilkerin Wards	None	2.9	13.2	73.8	1.4	3.8	0.2	0.6	4.0	2,364
Ilkerin Wards	Primary	3.6	13.9	55.9	0.9	3.8	18.5	0.2	3.2	8,533
Ilkerin Wards	Second-ary+	18.0	11.6	29.6	1.4	1.0	35.6	0.1	2.7	1,161
Ololmasani Wards	Total	8.9	14.9	44.1	1.1	9.3	19.5	1.0	1.3	12,422
Ololmasani Wards	None	9.0	15.4	53.0	2.2	15.8	0.3	2.9	1.6	1,537
Ololmasani Wards	Primary	6.8	15.4	46.0	0.9	9.7	19.6	0.7	1.0	8,425
Ololmasani Wards	Second-ary+	16.2	12.9	32.3	1.1	3.7	31.0	0.5	2.4	2,460
Mogondo Wards	Total	4.9	17.5	54.2	1.2	3.6	16.8	0.2	1.6	8,070
Mogondo Wards	None	5.5	18.3	66.8	1.8	4.6	0.3	0.7	2.0	1,190
Mogondo Wards	Primary	3.6	17.4	54.8	1.1	3.7	18.1	0.1	1.3	6,138
Mogondo Wards	Second-ary+	14.6	17.4	29.5	1.5	1.2	32.8	-	3.1	742
Kapsasian Wards	Total	8.2	20.7	38.9	1.5	8.2	18.1	0.4	4.1	10,802
Kapsasian Wards	None	7.2	19.7	50.8	2.8	11.4	0.4	1.8	6.1	1,602
Kapsasian Wards	Primary	7.1	21.8	38.5	1.4	8.0	19.2	0.2	3.9	7,816
Kapsasian Wards	Second-ary+	15.7	15.8	27.3	0.9	5.1	32.2	0.1	3.0	1,384

Narok North Constituency	Total	19.1	17.2	38.0	1.1	11.6	8.3	0.3	4.3	85,537
Narok North Constituency	None	9.6	18.1	48.2	1.2	17.8	0.1	0.5	4.5	25,217
Narok North Constituency	Primary	17.1	15.6	41.7	1.1	10.0	10.5	0.2	3.7	36,509
Narok North Constituency	Second-ary+	32.4	18.9	21.3	1.1	7.5	13.6	0.1	5.1	23,811
Olposimoru Wards	Total	8.3	13.1	59.1	1.3	5.7	7.1	0.3	5.0	8,902
Olposimoru Wards	None	5.0	15.2	61.8	1.3	7.4	0.1	0.7	8.5	2,938
Olposimoru Wards	Primary	7.3	11.8	60.8	1.4	5.2	10.1	0.1	3.4	4,404
Olposimoru Wards	Second-ary+	17.3	12.8	49.2	1.2	4.2	12.1	-	3.1	1,560
Olokurto Wards	Total	8.3	14.2	56.5	0.7	11.8	5.3	0.5	2.8	8,988
Olokurto Wards	None	5.3	14.7	60.4	0.7	15.4	0.0	0.6	2.8	4,598
Olokurto Wards	Primary	8.7	13.9	55.2	0.6	8.4	10.4	0.4	2.6	3,351
Olokurto Wards	Second-ary+	20.8	12.6	43.7	0.8	6.5	12.3	0.2	3.2	1,039
Narok Town Wards	Total	36.9	25.9	7.6	1.2	11.9	10.3	0.2	6.2	26,248
Narok Town Wards	None	20.2	34.4	15.6	1.9	20.4	0.4	0.5	6.6	3,683
Narok Town Wards	Primary	35.1	26.0	8.2	1.0	13.8	9.5	0.2	6.3	9,316
Narok Town Wards	Second-ary+	42.8	23.4	4.9	1.2	8.2	13.6	0.1	5.9	13,249
Nkareta Wards	Total	15.1	22.1	32.5	1.0	16.1	8.8	0.2	4.2	9,524
Nkareta Wards	None	7.6	22.4	40.3	1.4	24.0	0.0	0.3	4.0	3,626
Nkareta Wards	Primary	15.2	21.9	32.3	0.7	12.4	13.4	0.2	3.8	3,674
Nkareta Wards	Second-ary+	27.1	22.0	19.9	0.7	9.5	15.7	0.0	5.0	2,224
Olorropil Wards	Total	10.0	12.0	53.7	0.9	11.6	8.8	0.2	2.8	14,501
Olorropil Wards	None	10.6	14.8	48.0	1.1	21.2	0.2	0.6	3.5	4,408
Olorropil Wards	Primary	7.7	11.1	58.6	0.8	8.3	11.4	0.1	2.0	7,288
Olorropil Wards	Second-ary+	15.0	9.8	50.0	1.0	5.1	15.4	0.1	3.7	2,805
Melili Wards	Total	13.3	9.5	53.3	1.5	11.8	6.9	0.4	3.4	17,374
Melili Wards	None	9.0	11.7	57.3	1.0	17.0	0.1	0.4	3.6	5,964
Melili Wards	Primary	14.8	7.9	52.9	1.8	9.5	10.0	0.3	2.9	8,476
Melili Wards	Second-ary+	18.0	9.9	46.1	1.7	7.8	11.7	0.5	4.4	2,934
Narok East Constituency	Total	13.2	16.1	42.8	1.1	14.2	8.6	0.2	3.8	38,007
Narok East Constituency	None	7.6	18.2	45.2	1.3	23.1	0.1	0.4	4.1	15,780
Narok East Constituency	Primary	14.0	13.7	46.0	0.9	8.5	13.5	0.1	3.3	15,877

Narok East Constituency	Second-ary+	25.4	17.0	28.9	0.8	6.5	17.3	0.1	3.9	6,350
Mosiro Wards	Total	10.1	14.1	42.5	1.4	19.7	9.3	0.3	2.8	12,374
Mosiro Wards	None	5.6	14.4	46.2	1.8	28.4	0.1	0.4	3.1	6,403
Mosiro Wards	Primary	11.2	12.5	42.9	1.0	11.6	18.2	0.1	2.6	4,390
Mosiro Wards	Second-ary+	25.2	17.0	26.3	0.8	6.8	21.4	-	2.5	1,581
Ildamat Wards	Total	11.6	17.7	54.6	0.4	7.6	5.1	0.2	2.7	7,399
Ildamat Wards	None	6.3	26.1	47.3	0.6	16.5	0.1	0.3	2.9	2,275
Ildamat Wards	Primary	13.3	13.2	59.5	0.3	4.0	6.9	0.2	2.7	4,123
Ildamat Wards	Second-ary+	16.6	16.9	51.6	0.6	2.3	9.5	-	2.6	1,001
Keekonyokie Wards	Total	20.3	21.7	29.0	1.3	14.8	9.2	0.4	3.4	9,831
Keekonyokie Wards	None	11.0	28.5	30.6	1.2	25.5	0.2	0.9	2.2	3,040
Keekonyokie Wards	Primary	21.0	18.1	32.4	1.5	10.6	12.6	0.1	3.8	4,344
Keekonyokie Wards	Second-ary+	30.7	19.7	20.8	0.9	9.0	14.3	0.3	4.3	2,447
Suswa Wards	Total	10.8	11.2	49.2	1.0	11.3	10.0	0.1	6.5	8,403
Suswa Wards	None	8.7	12.0	53.5	1.2	16.5	0.1	0.1	8.0	4,062
Suswa Wards	Primary	8.6	9.8	51.6	1.0	7.0	17.2	0.0	4.7	3,020
Suswa Wards	Second-ary+	22.3	12.1	30.1	0.8	4.7	23.9	0.2	5.8	1,321
Narok South Constituency	Total	8.0	13.1	54.8	0.9	11.6	7.1	0.2	4.2	83,344
Narok South Constituency	None	6.3	16.0	45.3	1.4	23.8	0.1	0.5	6.7	26,754
Narok South Constituency	Primary	6.2	11.4	63.0	0.6	6.3	9.7	0.1	2.8	42,684
Narok South Constituency	Second-ary+	16.9	13.0	48.0	0.9	4.8	12.4	0.1	3.9	13,906
Maji Moto/Naroosura Wards	Total	9.8	13.9	39.3	1.5	23.1	4.4	0.4	7.6	16,797
Maji Moto/Naroosura Wards	None	7.0	15.0	39.7	1.5	28.2	0.0	0.5	8.1	11,740
Maji Moto/Naroosura Wards	Primary	11.9	10.1	41.0	1.2	13.7	15.2	0.1	7.0	3,480
Maji Moto/Naroosura Wards	Second-ary+	26.6	14.1	32.6	2.1	6.2	12.6	0.3	5.4	1,577
Ololulunga Wards	Total	10.5	12.0	57.5	0.8	6.8	7.4	0.2	4.9	16,386
Ololulunga Wards	None	8.8	13.6	57.0	1.2	11.5	0.2	0.4	7.3	3,837
Ololulunga Wards	Primary	7.9	10.1	63.0	0.7	5.4	9.2	0.1	3.7	9,240
Ololulunga Wards	Second-ary+	19.9	15.7	42.7	0.9	5.1	10.3	0.1	5.3	3,309
Melelo Wards	Total	6.3	12.0	63.8	0.8	7.2	7.2	0.1	2.6	16,248
Melelo Wards	None	8.1	9.7	62.6	2.3	12.6	0.2	0.5	4.0	2,090

Melelo Wards	Primary	4.1	12.3	66.5	0.6	6.9	7.5	0.0	2.1	11,386
Melelo Wards	Second-ary+	13.6	12.7	53.7	0.5	4.8	11.3	0.1	3.2	2,772
Loita Wards	Total	7.2	20.7	34.0	0.8	25.3	5.9	0.5	5.6	9,903
Loita Wards	None	3.4	22.2	36.2	0.8	30.9	0.1	0.6	5.9	7,235
Loita Wards	Primary	13.2	17.0	31.1	0.9	11.4	22.3	0.2	4.1	1,954
Loita Wards	Second-ary+	30.0	15.4	19.9	0.8	7.1	19.8	-	7.0	714
Sogoo Wards	Total	6.9	8.0	68.1	0.8	5.8	8.3	0.2	1.9	13,731
Sogoo Wards	None	6.6	7.6	71.9	2.1	8.6	0.3	0.7	2.3	1,084
Sogoo Wards	Primary	5.1	7.8	70.7	0.6	5.7	8.3	0.2	1.7	9,589
Sogoo Wards	Second-ary+	12.7	8.7	58.5	1.2	4.9	11.2	0.2	2.6	3,058
Sagamian Wards	Total	6.0	14.9	64.0	0.6	2.2	10.3	0.1	1.9	10,279
Sagamian Wards	None	4.8	13.8	73.8	2.2	2.6	0.1	0.8	1.8	768
Sagamian Wards	Primary	4.2	15.5	66.6	0.4	2.1	9.5	0.0	1.6	7,035
Sagamian Wards	Second-ary+	11.5	13.7	53.6	0.4	2.5	15.6	0.0	2.7	2,476
Narok West Constituency	Total	14.2	18.1	44.2	1.0	11.3	7.4	0.3	3.5	60,233
Narok West Constituency	None	8.2	21.5	48.8	1.3	15.6	0.1	0.4	4.2	25,940
Narok West Constituency	Primary	12.2	16.3	46.4	0.8	8.9	12.3	0.2	3.0	24,898
Narok West Constituency	Second-ary+	36.1	13.5	25.7	1.1	5.6	14.8	0.1	3.1	9,395
Ilmotiok Wards	Total	10.0	13.8	48.7	1.1	12.7	11.2	0.2	2.5	21,841
Ilmotiok Wards	None	12.0	14.8	46.6	2.3	21.4	0.2	0.5	2.3	3,274
Ilmotiok Wards	Primary	7.5	13.9	51.9	0.8	11.8	11.5	0.2	2.5	14,598
Ilmotiok Wards	Second-ary+	17.6	12.4	38.6	1.0	8.8	19.1	0.1	2.6	3,969
Mara Wards	Total	17.8	17.9	40.7	0.9	9.0	9.6	0.1	3.9	15,157
Mara Wards	None	10.3	17.6	48.2	1.4	17.0	0.2	0.1	5.1	5,719
Mara Wards	Primary	16.1	19.4	42.4	0.4	4.0	14.6	0.1	3.0	6,831
Mara Wards	Second-ary+	38.9	14.6	19.9	1.3	4.4	17.2	-	3.8	2,607
Siana Wards	Total	22.4	18.0	38.7	1.6	12.7	2.5	0.1	4.0	14,244
Siana Wards	None	9.3	19.6	48.3	1.5	17.0	0.1	0.2	4.1	9,541
Siana Wards	Primary	31.5	18.0	27.4	1.8	5.9	10.1	0.1	5.4	2,373
Siana Wards	Second-ary+	66.4	12.0	11.0	1.5	1.9	4.9	0.0	2.2	2,330
Naikarra Wards	Total	5.4	29.0	47.8	0.4	9.6	2.5	0.8	4.6	8,991

Naikarra Wards	None	3.3	30.0	50.9	0.4	10.3	0.0	0.9	4.3	7,406
Naikarra Wards	Primary	10.0	23.8	38.2	0.1	7.9	14.5	0.6	5.0	1,096
Naikarra Wards	Secondary+	27.2	25.2	22.5	-	3.9	13.7	0.4	7.2	489

Table 33.4: Employment and Education Levels in Male Headed Household by County, Constituency and Wards

County, Constituency and Wards	Education Level reached	Work for Pay	Family Business	Family Agricultural holding	Internal/ Volunteer	Retired/ Homemaker	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
Narok	Total	13.8	16.7	46.5	1.0	9.5	8.6	0.3	3.6	279,175
Narok	None	8.6	18.8	49.6	1.4	16.2	0.1	0.5	4.8	75,580
Narok	Primary	10.8	15.5	51.0	0.9	7.7	11.0	0.2	2.9	145,935
Narok	Secondary+	28.3	16.8	30.8	1.0	5.5	13.7	0.1	3.8	57,660
Kilgoris Constituency	Total	13.1	17.8	45.8	1.2	8.3	10.2	0.3	3.4	59,964
Kilgoris Constituency	None	8.1	18.5	52.6	1.7	13.6	0.3	0.8	4.3	12,750
Kilgoris Constituency	Primary	9.8	17.7	48.4	0.9	7.9	12.0	0.2	3.0	33,586
Kilgoris Constituency	Secondary+	25.8	17.1	32.8	1.1	4.3	15.3	0.1	3.4	13,628
Kilgoris Central Ward	Total	11.8	17.4	37.1	1.4	13.6	13.4	0.7	4.5	12,584
Kilgoris Central Ward	None	8.1	15.4	39.1	2.8	22.6	0.4	2.6	9.0	2,350



Kilgoris Central Ward	Primary	9.0	18.3	39.0	1.0	13.5	15.6	0.3	3.2	6,969
Kilgoris Central Ward	Secondary+	20.5	16.9	31.6	1.4	7.2	18.2	0.2	3.9	3,265
Keyian Ward	Total	14.7	19.3	47.1	1.2	3.4	9.9	0.2	4.2	9,372
Keyian Ward	None	10.8	21.0	55.1	2.1	5.3	0.4	0.5	4.7	1,855
Keyian Ward	Primary	13.3	19.6	47.5	1.0	3.3	11.0	0.2	4.2	5,583
Keyian Ward	Secondary+	22.4	16.8	38.0	0.9	2.0	15.8	0.1	4.0	1,934
Angata Barikoi Ward	Total	5.8	19.8	55.9	1.5	4.8	10.2	0.2	1.9	8,774
Angata Barikoi Ward	None	5.9	20.6	62.5	2.3	6.5	0.2	0.6	1.4	1,428
Angata Barikoi Ward	Primary	3.4	20.1	57.6	1.3	5.2	10.7	0.1	1.7	5,976
Angata Barikoi Ward	Secondary+	16.3	18.0	41.2	1.8	1.1	18.2	-	3.4	1,370
Shankoe Ward	Total	21.3	14.3	37.9	1.1	9.2	12.5	0.2	3.6	10,543
Shankoe Ward	None	13.7	12.7	48.1	1.6	18.9	0.5	0.5	4.1	1,382
Shankoe Ward	Primary	15.5	13.7	43.0	0.8	9.6	13.9	0.1	3.4	5,406
Shankoe Ward	Secondary+	32.6	15.8	26.6	1.3	5.0	14.9	0.1	3.7	3,755
Kimentet Ward	Total	14.0	11.6	54.0	0.5	9.8	7.2	0.1	2.8	7,405
Kimentet Ward	None	7.0	11.4	61.1	0.7	16.6	0.0	0.1	3.0	2,292
Kimentet Ward	Primary	8.9	11.6	58.4	0.4	7.6	10.2	0.1	2.8	3,967
Kimentet Ward	Secondary+	45.3	12.0	24.7	0.5	3.7	11.4	-	2.4	1,146
Lolgorian Ward	Total	10.7	22.5	48.5	1.0	7.3	7.0	0.4	2.7	11,286
Lolgorian Ward	None	6.0	25.5	52.7	1.2	10.9	0.2	0.3	3.1	3,443
Lolgorian Ward	Primary	9.5	20.8	49.5	1.1	6.7	9.3	0.5	2.6	5,685
Lolgorian Ward	Secondary+	21.0	21.8	39.4	0.5	3.3	11.7	0.1	2.2	2,158
Emurua Dikirr Constituency	Total	7.1	17.0	49.7	1.1	6.1	16.1	0.4	2.6	32,395
Emurua Dikirr Constituency	None	6.1	16.2	63.3	1.8	7.3	0.3	1.3	3.6	4,492
Emurua Dikirr Constituency	Primary	5.4	17.5	50.5	0.9	6.4	16.7	0.3	2.3	23,605
Emurua Dikirr Constituency	Secondary+	17.5	15.1	31.0	1.1	3.1	29.1	0.2	2.9	4,298
Ilkerin Ward	Total	5.0	13.3	58.6	1.1	3.1	15.3	0.2	3.3	9,415
Ilkerin Ward	None	2.9	12.1	75.1	1.5	3.2	0.2	0.5	4.6	1,708
Ilkerin Ward	Primary	3.6	13.8	58.3	1.0	3.4	16.7	0.2	3.1	6,788
Ilkerin Ward	Secondary+	19.3	11.9	30.3	1.5	1.2	33.3	0.1	2.5	919
Ololmasani Ward	Total	9.6	16.0	44.7	1.1	8.9	17.5	0.9	1.4	8,870

Ololmasani Ward	None	10.3	16.5	52.2	2.6	13.2	0.3	3.2	1.7	960
Ololmasani Ward	Primary	7.2	16.4	46.9	0.8	9.7	17.3	0.7	1.0	6,156
Ololmasani Ward	Secondary+	17.8	14.2	32.6	1.1	3.6	27.8	0.5	2.4	1,754
Mogondo Ward	Total	5.0	18.2	55.6	0.9	3.7	15.1	0.1	1.4	6,129
Mogondo Ward	None	6.1	18.0	67.5	1.5	4.2	0.4	0.5	1.9	791
Mogondo Ward	Primary	3.5	18.1	56.7	0.7	3.9	15.9	0.1	1.1	4,761
Mogondo Ward	Secondary+	16.1	19.2	30.2	1.2	1.0	29.1	-	3.1	577
Kapsasian Ward	Total	8.4	21.5	40.2	1.2	8.4	16.1	0.3	3.9	7,981
Kapsasian Ward	None	7.4	21.2	51.1	2.0	11.2	0.3	1.5	5.2	1,033
Kapsasian Ward	Primary	7.2	22.3	40.2	1.2	8.5	16.8	0.1	3.7	5,900
Kapsasian Ward	Secondary+	16.4	17.1	29.4	0.7	5.1	27.5	-	3.9	1,048
Narok North Constituency	Total	20.7	17.6	38.0	1.1	11.1	7.0	0.2	4.2	62,038
Narok North Constituency	None	10.3	18.5	48.3	1.3	16.6	0.1	0.5	4.3	16,927
Narok North Constituency	Primary	18.4	15.7	42.4	1.1	10.1	8.6	0.2	3.6	27,193
Narok North Constituency	Secondary+	33.9	19.8	21.6	1.1	7.6	11.1	0.1	4.9	17,918
Olposimoru Ward	Total	9.2	12.7	60.2	1.3	5.5	6.3	0.2	4.7	6,247
Olposimoru Ward	None	5.0	14.9	63.1	1.3	7.0	0.1	0.5	8.1	1,927
Olposimoru Ward	Primary	8.1	11.5	62.3	1.4	5.0	8.4	0.1	3.2	3,203
Olposimoru Ward	Secondary+	19.3	12.5	49.1	1.0	4.0	10.7	-	3.2	1,117
Olokurto Ward	Total	9.4	14.2	56.3	0.7	11.0	4.9	0.5	3.0	6,061
Olokurto Ward	None	5.7	14.5	61.2	0.8	14.1	0.0	0.6	3.1	3,061
Olokurto Ward	Primary	9.9	13.8	54.1	0.6	8.6	9.8	0.4	2.8	2,298
Olokurto Ward	Secondary+	23.6	14.1	42.2	0.7	5.6	10.1	0.3	3.4	702
Narok Town Ward	Total	38.3	26.0	7.5	1.2	12.3	8.8	0.1	5.8	20,038
Narok Town Ward	None	21.3	34.4	14.9	2.1	20.3	0.4	0.5	6.0	2,607
Narok Town Ward	Primary	36.5	25.4	8.2	1.0	14.6	8.2	0.1	6.0	7,305
Narok Town Ward	Secondary+	43.9	24.3	5.0	1.1	8.6	11.4	0.0	5.6	10,126
Nkareta Ward	Total	16.8	23.5	31.9	0.9	15.1	7.4	0.2	4.2	6,855
Nkareta Ward	None	8.4	23.7	40.8	1.4	21.8	-	0.2	3.7	2,467
Nkareta Ward	Primary	16.8	22.8	31.7	0.6	12.5	11.2	0.3	4.1	2,710
Nkareta Ward	Secondary+	29.1	24.5	19.0	0.6	9.5	12.2	-	5.1	1,678

Olorropil Ward	Total	10.3	12.0	56.3	0.8	10.7	7.3	0.2	2.4	10,725
Olorropil Ward	None	11.9	15.3	48.7	1.1	19.5	0.1	0.5	2.9	3,015
Olorropil Ward	Primary	7.6	11.0	61.3	0.6	8.2	9.4	0.1	1.9	5,574
Olorropil Ward	Secondary+	15.3	10.0	54.1	0.6	4.7	12.0	0.1	3.2	2,136
Melili Ward	Total	14.4	9.7	55.1	1.7	10.4	4.9	0.4	3.4	12,112
Melili Ward	None	9.2	12.0	58.0	1.1	15.4	0.1	0.5	3.8	3,850
Melili Ward	Primary	15.8	8.1	55.8	1.9	8.5	6.8	0.4	2.7	6,103
Melili Ward	Secondary+	19.5	10.1	48.3	1.9	6.8	8.3	0.4	4.7	2,159
Narok East Constituency	Total	14.5	16.7	44.4	1.0	12.5	7.1	0.2	3.6	26,614
Narok East Constituency	None	8.2	19.1	46.5	1.2	20.2	0.1	0.3	4.3	10,373
Narok East Constituency	Primary	14.9	14.1	48.0	0.9	8.1	10.8	0.1	3.1	11,638
Narok East Constituency	Secondary+	27.7	18.0	30.3	0.8	6.2	13.2	0.1	3.7	4,603
Mosiro Ward	Total	11.5	14.6	44.0	1.2	17.7	7.8	0.2	3.0	8,233
Mosiro Ward	None	6.6	14.7	47.5	1.5	25.7	0.1	0.4	3.4	4,009
Mosiro Ward	Primary	12.2	13.0	45.0	0.9	11.4	14.7	0.1	2.7	3,113
Mosiro Ward	Secondary+	27.2	18.7	28.7	0.7	6.3	16.2	-	2.2	1,111
Ildamat Ward	Total	11.8	18.1	56.6	0.3	6.0	4.6	0.1	2.4	5,405
Ildamat Ward	None	5.9	29.1	48.2	0.3	13.5	0.1	0.1	2.8	1,513
Ildamat Ward	Primary	13.6	13.2	61.5	0.2	3.4	5.8	0.1	2.3	3,125
Ildamat Ward	Secondary+	16.3	16.8	53.2	0.7	1.8	9.1	-	2.1	767
Keekonyokie Ward	Total	22.4	22.5	29.4	1.4	13.6	7.2	0.3	3.4	7,002
Keekonyokie Ward	None	12.1	30.2	31.9	1.3	21.7	0.1	0.7	2.1	2,048
Keekonyokie Ward	Primary	22.6	18.6	32.8	1.6	11.0	9.6	0.1	3.7	3,155
Keekonyokie Ward	Secondary+	33.6	20.6	20.7	1.0	8.8	11.1	0.1	4.2	1,799
Suswa Ward	Total	11.9	11.6	51.3	0.9	10.2	8.0	0.1	6.1	5,974
Suswa Ward	None	9.0	11.8	54.9	1.0	15.1	0.1	0.0	8.0	2,803
Suswa Ward	Primary	9.4	10.8	54.7	0.8	6.2	14.2	0.0	3.7	2,245
Suswa Ward	Secondary+	26.6	13.0	31.6	0.6	4.9	17.2	0.2	5.9	926
Narok South Constituency	Total	8.7	13.3	57.2	0.9	9.4	6.4	0.2	3.9	58,469
Narok South Constituency	None	6.8	16.2	48.1	1.3	20.1	0.1	0.5	7.0	16,082
Narok South Constituency	Primary	6.5	11.7	64.6	0.6	5.7	8.2	0.1	2.5	32,021

Narok South Constituency	Secondary+	18.4	13.4	48.6	0.9	4.2	10.7	0.1	3.6	10,366
Maji Moto/Naroosura Ward	Total	11.0	14.4	42.2	1.4	19.4	3.6	0.4	7.6	10,204
Maji Moto/Naroosura Ward	None	7.0	15.4	43.3	1.4	24.0	0.1	0.5	8.4	6,879
Maji Moto/Naroosura Ward	Primary	14.1	11.1	43.9	1.2	12.0	11.4	0.1	6.3	2,232
Maji Moto/Naroosura Ward	Secondary+	29.7	15.0	32.1	1.9	5.5	10.1	0.2	5.5	1,093
Ololulunga Ward	Total	11.1	12.5	58.4	0.8	6.1	6.5	0.1	4.5	12,128
Ololulunga Ward	None	9.7	13.9	57.0	1.1	9.9	0.2	0.3	7.8	2,632
Ololulunga Ward	Primary	8.1	10.6	64.0	0.6	5.2	8.1	0.1	3.3	7,056
Ololulunga Ward	Secondary+	21.1	16.3	43.9	0.9	4.7	8.6	0.0	4.5	2,440
Melelo Ward	Total	6.5	12.5	64.1	0.8	6.9	6.6	0.1	2.5	12,249
Melelo Ward	None	8.5	10.0	62.0	2.0	12.3	0.2	0.4	4.6	1,417
Melelo Ward	Primary	4.2	12.7	67.0	0.7	6.6	6.6	0.0	2.0	8,725
Melelo Ward	Secondary+	14.8	13.3	53.1	0.7	4.4	10.5	0.1	3.1	2,107
Loita Ward	Total	10.2	21.7	34.3	0.7	21.7	4.9	0.4	6.0	5,623
Loita Ward	None	3.9	23.4	37.5	0.8	27.5	0.1	0.6	6.3	3,916
Loita Ward	Primary	18.9	19.1	30.0	0.7	9.6	17.0	0.2	4.6	1,208
Loita Ward	Secondary+	38.7	15.2	19.4	0.8	5.4	13.2	-	7.2	499
Sogoo Ward	Total	7.1	8.1	69.2	0.8	5.4	7.5	0.1	1.8	10,479
Sogoo Ward	None	7.7	6.7	72.7	2.3	8.1	0.3	0.3	2.0	732
Sogoo Ward	Primary	5.0	7.8	72.2	0.5	5.5	7.4	0.1	1.6	7,413
Sogoo Ward	Secondary+	14.0	9.3	58.7	1.2	4.2	10.0	0.1	2.5	2,334
Sagamian Ward	Total	6.4	15.0	64.6	0.6	2.0	9.5	0.1	1.7	7,786
Sagamian Ward	None	4.7	14.2	72.5	2.6	3.2	-	1.0	1.8	506
Sagamian Ward	Primary	4.3	15.6	67.4	0.5	1.9	8.8	0.0	1.5	5,387
Sagamian Ward	Secondary+	12.6	13.6	54.7	0.4	2.2	14.1	0.1	2.3	1,893
Narok West Constituency	Total	16.9	18.3	43.7	1.0	9.8	6.8	0.2	3.2	39,695
Narok West Constituency	None	9.9	22.9	47.9	1.2	13.4	0.1	0.3	4.2	14,956
Narok West Constituency	Primary	13.5	16.3	47.6	0.8	8.6	10.4	0.2	2.6	17,892
Narok West Constituency	Secondary+	40.8	13.7	24.6	0.9	5.0	12.2	0.1	2.7	6,847
Ilmotiok Ward	Total	10.6	13.7	50.2	1.1	11.9	10.0	0.2	2.3	15,645
Ilmotiok Ward	None	13.3	14.9	46.8	2.4	19.6	0.2	0.4	2.4	2,012

Ilmotiok Ward	Primary	7.9	13.7	53.8	0.9	11.4	9.9	0.1	2.3	10,799
Ilmotiok Ward	Secondary+	19.2	12.7	39.0	1.0	8.3	17.4	0.1	2.4	2,834
Mara Ward	Total	21.6	19.2	38.9	0.8	7.1	8.6	0.1	3.7	10,071
Mara Ward	None	13.3	20.0	45.7	1.2	14.3	0.2	0.1	5.2	3,295
Mara Ward	Primary	18.1	20.3	42.6	0.4	3.6	12.1	0.1	2.8	4,872
Mara Ward	Secondary+	45.2	15.0	17.7	0.9	3.6	14.1	-	3.6	1,904
Siana Ward	Total	28.8	19.1	35.1	1.4	10.3	1.7	0.1	3.5	8,767
Siana Ward	None	11.5	21.8	46.5	1.5	14.5	0.1	0.2	3.9	5,448
Siana Ward	Primary	39.7	18.0	24.6	1.8	5.0	6.7	0.1	4.0	1,546
Siana Ward	Secondary+	72.4	11.4	9.2	0.8	1.9	2.4	-	1.9	1,773
Naikarra Ward	Total	6.3	29.5	48.2	0.3	8.0	2.5	0.7	4.6	5,212
Naikarra Ward	None	3.6	30.4	52.0	0.4	8.4	0.0	0.7	4.5	4,201
Naikarra Ward	Primary	10.7	25.5	36.7	0.1	7.9	14.1	0.6	4.4	675
Naikarra Ward	Secondary+	31.3	27.4	22.9	-	2.7	9.5	0.6	5.7	336

Table 33.5: Employment and Education Levels in Female Headed Households by County, Constituency and Wards

County, Constituency and Wards	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
Narok	Total	9.9	15.2	43.1	1.2	13.5	12.5	.4	4.1	114812
Narok	None	6.6	17.3	47.3	1.5	21.9	.2	.6	4.6	44495
Narok	Primary	8.7	14.0	45.1	1.0	8.7	18.8	.2	3.4	50231
Narok	Secondary+	20.1	13.8	29.2	1.2	6.9	24.1	.2	4.6	20086
Kilgoris Constituency	Total	10.5	15.3	42.0	1.4	11.0	15.9	.3	3.5	23559
Kilgoris Constituency	None	8.4	17.5	51.0	2.1	16.2	.4	.7	3.7	6963
Kilgoris Constituency	Primary	8.9	14.8	42.0	1.1	9.2	20.7	.2	3.1	11677
Kilgoris Constituency	Secondary+	17.3	13.5	29.4	1.0	7.6	26.7	.1	4.3	4919
Kilgoris Central Ward	Total	9.4	15.9	33.7	1.4	15.4	19.0	.5	4.8	6458
Kilgoris Central Ward	None	8.8	19.0	38.3	2.3	22.9	.2	1.5	6.8	1461
Kilgoris Central Ward	Primary	7.8	16.4	35.0	1.1	13.6	22.5	.2	3.6	3389
Kilgoris Central Ward	Secondary+	13.2	12.1	26.7	1.4	12.2	28.9	.1	5.3	1608
Keyian Ward	Total	13.3	15.0	45.6	1.3	4.5	16.7	.3	3.3	3435
Keyian Ward	None	12.2	19.8	56.6	1.8	5.6	.5	.7	2.9	1052
Keyian Ward	Primary	14.4	13.6	41.8	1.2	4.5	20.9	.2	3.4	1706
Keyian Ward	Secondary+	12.6	11.2	38.0	.9	2.7	31.2	0.0	3.5	677
Angata Barikoi Ward	Total	5.3	15.2	57.2	1.4	4.8	13.8	.3	2.0	2870
Angata Barikoi Ward	None	6.0	16.1	64.3	2.1	8.1	.1	.8	2.5	720
Angata Barikoi Ward	Primary	3.3	15.4	56.9	1.1	4.2	17.4	.2	1.5	1763
Angata Barikoi Ward	Secondary+	12.9	12.4	45.2	1.3	1.6	23.3	0.0	3.4	387
Shankoe Ward	Total	18.4	12.1	32.1	1.1	12.3	20.2	.2	3.7	3830
Shankoe Ward	None	13.1	9.7	47.9	2.4	23.8	.4	.4	2.3	777
Shankoe Ward	Primary	14.4	11.4	33.9	.8	10.9	24.4	.3	3.8	1774
Shankoe Ward	Secondary+	27.0	14.4	20.1	.8	7.3	26.3	0.0	4.2	1279
Kimentet Ward	Total	6.5	10.4	54.5	.8	14.0	10.6	.2	3.0	2626
Kimentet Ward	None	4.4	9.9	59.8	1.1	21.2	.3	.1	3.1	1146
Kimentet Ward	Primary	5.2	9.7	54.5	.5	9.1	17.8	.3	2.8	1171
Kimentet Ward	Secondary+	19.1	14.6	35.3	.6	5.8	21.4	0.0	3.2	309
Lolgorian Ward	Total	8.9	20.7	42.9	1.9	10.6	11.5	.4	3.1	4340
Lolgorian Ward	None	7.2	23.8	48.4	2.5	13.8	.6	.6	3.2	1807
Lolgorian Ward	Primary	8.2	18.7	40.9	1.7	9.0	18.5	.3	2.8	1874
Lolgorian Ward	Secondary+	15.3	18.1	33.4	.9	6.2	22.0	.3	3.8	659
Emurua Dikirr Constituency	Total	6.1	14.9	44.1	1.6	7.0	23.0	.6	2.8	10931
Emurua Dikirr Constituency	None	5.2	16.2	60.1	2.2	11.0	.3	1.5	3.5	2199
Emurua Dikirr Constituency	Primary	5.1	15.4	42.4	1.5	6.5	26.0	.5	2.7	7293
Emurua Dikirr Constituency	Secondary+	12.4	10.4	27.8	1.3	3.3	42.3	.3	2.2	1439
Ilkerin Ward	Total	4.1	14.6	50.9	.9	4.8	20.8	.4	3.4	2632
Ilkerin Ward	None	2.9	16.2	70.6	1.4	5.5	.3	.6	2.6	656
Ilkerin Ward	Primary	3.3	14.5	46.8	.8	5.2	25.4	.3	3.7	1739
Ilkerin Ward	Secondary+	13.1	11.0	27.4	.8	.4	43.9	0.0	3.4	237
Ololmasani Ward	Total	7.1	12.1	42.6	1.2	10.3	24.4	1.0	1.2	3544
Ololmasani Ward	None	6.8	13.7	54.2	1.4	20.1	.2	2.3	1.4	576
Ololmasani Ward	Primary	5.6	12.5	43.2	1.1	9.8	26.0	.9	.8	2264
Ololmasani Ward	Secondary+	12.4	9.5	31.3	1.1	3.7	39.1	.6	2.4	704

Mogondo Ward	Total	4.5	15.3	49.9	2.4	3.2	22.2	.3	2.2	1940
Mogondo Ward	None	4.3	19.0	65.4	2.3	5.5	.3	1.0	2.3	399
Mogondo Ward	Primary	4.0	14.8	48.2	2.4	2.7	25.8	.1	2.0	1376
Mogondo Ward	Secondary+	9.1	10.9	27.3	2.4	1.8	45.5	0.0	3.0	165
Kapsasian Ward	Total	7.6	18.5	35.3	2.2	7.5	23.7	.6	4.6	2815
Kapsasian Ward	None	6.9	16.9	50.2	4.0	11.8	.5	2.1	7.6	568
Kapsasian Ward	Primary	6.8	20.1	33.4	1.8	6.6	26.5	.3	4.4	1914
Kapsasian Ward	Secondary+	13.5	11.7	21.0	1.2	5.4	46.5	.3	.3	333
Narok North Constituency	Total	15.1	16.1	37.9	1.2	12.9	11.9	.3	4.6	23485
Narok North Constituency	None	8.0	17.1	48.0	1.0	20.2	.1	.6	4.9	8279
Narok North Constituency	Primary	13.4	15.2	39.8	1.2	9.8	16.5	.3	3.9	9332
Narok North Constituency	Secondary+	27.7	16.1	20.5	1.3	7.4	21.2	.2	5.5	5874
Olposimoru Ward	Total	6.2	13.9	56.5	1.5	6.4	9.2	.5	5.7	2645
Olposimoru Ward	None	5.0	15.7	59.4	1.3	8.0	.2	1.0	9.3	1010
Olposimoru Ward	Primary	4.9	12.6	56.8	1.5	5.7	14.5	.3	3.8	1194
Olposimoru Ward	Secondary+	12.2	13.4	49.2	1.8	4.8	15.6	0.0	2.9	441
Olokurto Ward	Total	6.3	14.0	57.0	.7	13.3	6.2	.3	2.2	2925
Olokurto Ward	None	4.5	15.0	58.9	.7	18.1	0.0	.5	2.2	1535
Olokurto Ward	Primary	6.1	14.0	57.5	.6	7.9	11.8	.2	2.1	1053
Olokurto Ward	Secondary+	14.8	9.5	46.9	.9	8.3	16.9	0.0	2.7	337
Narok Town Ward	Total	32.0	25.4	8.0	1.2	10.5	15.5	.3	7.1	6207
Narok Town Ward	None	17.3	34.6	17.4	1.3	20.7	.3	.6	7.9	1072
Narok Town Ward	Primary	29.3	27.6	8.0	1.0	10.7	15.8	.4	7.0	2029
Narok Town Ward	Secondary+	38.9	20.8	4.8	1.2	6.8	20.6	.1	6.9	3106
Nkareta Ward	Total	10.6	18.5	34.0	1.2	18.7	12.5	.3	4.0	2669
Nkareta Ward	None	5.8	19.6	39.3	1.3	28.7	.1	.5	4.7	1159
Nkareta Ward	Primary	10.6	19.6	34.0	1.1	12.0	19.6	.2	2.8	964
Nkareta Ward	Secondary+	20.9	14.5	22.9	1.1	9.3	26.4	.2	4.8	546
Oloropil Ward	Total	9.4	11.9	46.1	1.4	14.1	12.9	.3	3.9	3783
Oloropil Ward	None	7.9	13.9	46.4	1.2	24.7	.3	.6	4.9	1391
Oloropil Ward	Primary	8.6	11.3	49.6	1.2	8.6	18.0	.1	2.6	1721
Oloropil Ward	Secondary+	14.5	9.2	36.5	2.1	6.3	26.1	.1	5.2	671
Melili Ward	Total	10.9	9.1	49.0	1.0	14.9	11.3	.4	3.4	5256
Melili Ward	None	8.6	11.1	56.1	.7	19.7	.1	.3	3.3	2112
Melili Ward	Primary	12.0	7.3	45.7	1.3	12.1	18.0	.3	3.4	2371
Melili Ward	Secondary+	13.5	9.2	40.1	1.2	10.6	21.2	.8	3.5	773
Narok East Constituency	Total	10.2	14.7	39.2	1.3	18.1	12.2	.3	4.0	11392
Narok East Constituency	None	6.3	16.5	42.6	1.6	28.4	.2	.5	3.8	5410
Narok East Constituency	Primary	11.5	12.5	40.5	1.1	9.4	20.9	.1	4.1	4236
Narok East Constituency	Secondary+	19.2	14.4	25.5	.9	7.2	28.1	.3	4.5	1746
Mosiro Ward	Total	7.3	12.9	39.3	1.7	23.7	12.1	.3	2.6	4140
Mosiro Ward	None	4.0	13.8	44.0	2.1	33.1	.1	.4	2.5	2393
Mosiro Ward	Primary	8.8	11.4	37.6	1.2	12.0	26.6	.2	2.3	1277
Mosiro Ward	Secondary+	20.6	12.8	20.4	1.1	8.1	33.6	0.0	3.4	470
Ildamat Ward	Total	11.1	16.4	49.4	.8	12.0	6.5	.4	3.6	1993
Ildamat Ward	None	7.1	20.2	45.3	1.1	22.5	.1	.7	3.0	761
Ildamat Ward	Primary	12.6	13.2	53.2	.6	5.9	10.3	.2	3.9	998
Ildamat Ward	Secondary+	17.5	17.1	46.2	.4	3.8	10.7	0.0	4.3	234



Keekonyokie Ward	Total	15.4	19.8	27.8	1.0	17.8	14.1	.6	3.5	2833
Keekonyokie Ward	None	9.0	25.1	27.8	1.1	33.1	.5	1.1	2.4	998
Keekonyokie Ward	Primary	16.8	16.8	31.5	1.1	9.5	20.5	0.0	3.8	1187
Keekonyokie Ward	Secondary+	22.8	17.1	21.0	.6	9.6	23.5	.8	4.6	648
Suswa Ward	Total	8.3	10.3	44.0	1.4	13.8	14.7	.0	7.4	2426
Suswa Ward	None	8.2	12.5	50.3	1.4	19.6	0.0	.1	7.9	1258
Suswa Ward	Primary	6.3	6.8	42.6	1.4	9.3	25.8	0.0	7.6	774
Suswa Ward	Secondary+	12.4	10.2	26.6	1.3	4.3	39.6	0.0	5.6	394
Narok South Constituency	Total	6.6	12.8	49.0	1.0	16.8	8.6	.3	4.8	24928
Narok South Constituency	None	5.5	15.7	41.1	1.5	29.4	.1	.6	6.2	10670
Narok South Constituency	Primary	5.6	10.3	58.0	.7	7.8	14.1	.1	3.4	10698
Narok South Constituency	Secondary+	12.6	11.7	45.8	.9	6.5	17.4	.3	4.8	3560
Maji Moto/Naroosura Ward	Total	8.0	13.1	34.7	1.7	29.0	5.5	.5	7.6	6590
Maji Moto/Naroosura Ward	None	6.8	14.5	34.5	1.8	34.2	.0	.6	7.6	4858
Maji Moto/Naroosura Ward	Primary	8.0	8.3	35.8	1.1	16.7	21.9	0.0	8.2	1248
Maji Moto/Naroosura Ward	Secondary+	19.6	12.2	33.7	2.5	7.9	18.4	.6	5.2	484
OlolulungA Ward	Total	8.8	10.8	54.9	1.1	8.6	9.8	.2	5.8	4255
OlolulungA Ward	None	6.7	12.9	57.0	1.4	15.1	.2	.4	6.2	1203
OlolulungA Ward	Primary	7.1	8.3	59.9	1.0	5.9	12.9	.1	4.9	2183
OlolulungA Ward	Secondary+	16.3	14.0	39.6	.8	6.4	15.1	.2	7.5	869
Melelo Ward	Total	5.4	10.5	62.8	.7	8.3	9.4	.1	2.7	4005
Melelo Ward	None	7.3	9.2	63.7	2.7	13.4	.3	.6	2.8	673
Melelo Ward	Primary	3.7	10.8	64.6	.4	7.6	10.4	.0	2.4	2661
Melelo Ward	Secondary+	10.0	10.7	55.0	.1	6.0	14.6	.1	3.4	671
Loita Ward	Total	4.6	19.0	33.2	.8	29.7	7.1	.5	5.0	4337
Loita Ward	None	2.9	20.8	34.5	.8	34.9	.1	.6	5.4	3323
Loita Ward	Primary	8.7	12.9	31.3	1.1	13.5	29.3	.1	3.1	785
Loita Ward	Secondary+	15.3	14.8	19.7	.9	10.5	32.8	0.0	6.1	229
Sogoo Ward	Total	6.2	7.9	64.4	1.0	7.0	11.0	.4	2.2	3249
Sogoo Ward	None	4.6	9.4	70.1	1.7	9.7	.3	1.4	2.8	351
Sogoo Ward	Primary	5.6	8.0	65.7	.8	6.4	11.5	.2	1.8	2174
Sogoo Ward	Secondary+	8.7	6.8	57.9	1.1	7.2	14.9	.4	3.0	724
Sagamian Ward	Total	4.8	14.6	62.0	.3	2.9	12.8	.1	2.4	2492
Sagamian Ward	None	5.0	13.0	76.3	1.5	1.5	.4	.4	1.9	262
Sagamian Ward	Primary	3.7	15.1	64.1	.1	2.9	12.0	.1	1.9	1647
Sagamian Ward	Secondary+	7.9	13.9	49.7	.3	3.6	20.6	0.0	3.9	583
Narok West Constituency	Total	9.1	17.6	45.1	1.2	14.1	8.6	.3	4.0	20517
Narok West Constituency	None	5.7	19.6	50.0	1.3	18.6	.1	.5	4.1	10974
Narok West Constituency	Primary	9.0	16.1	43.2	.7	9.7	17.3	.2	3.8	6995
Narok West Constituency	Secondary+	23.7	13.1	28.7	1.8	7.1	21.6	.1	4.0	2548
Ilmotiok Ward	Total	8.4	14.0	44.8	1.0	14.6	14.0	.3	2.8	6186
Ilmotiok Ward	None	9.9	14.7	46.2	2.0	24.3	.2	.6	2.1	1262
Ilmotiok Ward	Primary	6.3	14.6	46.6	.7	12.8	15.9	.2	3.0	3789
Ilmotiok Ward	Secondary+	13.8	11.5	37.4	1.0	10.0	23.2	.1	3.1	1135
Mara Ward	Total	10.3	15.4	44.3	1.2	12.7	11.6	.1	4.3	5086
Mara Ward	None	6.3	14.5	51.7	1.6	20.6	.2	.1	5.0	2424

Mara Ward	Primary	11.1	17.3	41.9	.4	5.1	20.8	.1	3.4	1959
Mara Ward	Secondary+	21.8	13.5	25.7	2.3	6.7	25.5	0.0	4.6	703
Siana Ward	Total	12.1	16.4	44.5	1.8	16.4	3.9	.1	4.7	5466
Siana Ward	None	6.4	16.5	50.8	1.5	20.2	.1	.1	4.3	4083
Siana Ward	Primary	16.1	17.9	32.4	1.8	7.4	16.5	0.0	7.9	826
Siana Ward	Secondary+	47.6	13.6	16.7	3.6	2.0	13.1	.2	3.2	557
Naikarra Ward	Total	4.1	28.1	47.2	.4	12.0	2.6	1.0	4.5	3779
Naikarra Ward	None	2.8	29.4	49.3	.4	12.8	0.0	1.2	4.1	3205
Naikarra Ward	Primary	8.8	21.1	40.6	0.0	7.8	15.2	.5	5.9	421
Naikarra Ward	Secondary+	18.3	20.3	21.6	0.0	6.5	22.9	0.0	10.5	153

**Table 33.6: Gini Coefficient by County, Constituency and Ward**

County/Constituency/Wards	Pop. Share	Mean	Consump. Share	Gini
Kenya	1	3,440	1	0.445
Rural	0.688	2,270	0.454	0.361
Urban	0.312	6,010	0.546	0.368
Narok County	0.022	2,510	0.016	0.315
Kilgoris Constituency	0.005	2,460	0.0034	0.320
Kilgoris Central	0.001	2,600	0.0008	0.321
Keyian	0.001	2,340	0.0005	0.268
Angata Barikoi	0.001	1,920	0.0004	0.267
Shankoe	0.001	3,050	0.0007	0.373
Kimentet	0.001	2,070	0.0004	0.271
Lolgorian	0.001	2,560	0.0007	0.321
Emurua Dikirr Constituency	0.003	2,040	0.0015	0.263
Ilkerin	0.001	1,860	0.0004	0.252
Ololmasani	0.001	2,250	0.0005	0.264
Mogondo	0.000	2,030	0.0003	0.254
Kapsasian	0.001	2,020	0.0004	0.267
Narok North Constituency	0.005	3,280	0.0044	0.327
Olposimoru	0.001	2,830	0.0004	0.245
Olokurto	0.001	2,580	0.0004	0.240
Narok Town	0.001	4,620	0.0016	0.371
Nkareta	0.001	2,690	0.0004	0.345
Olorropil	0.001	3,100	0.0007	0.247
Melili	0.001	2,740	0.0008	0.257
Narok East Constituency	0.002	2,580	0.0017	0.308
Mosiro	0.001	2,260	0.0005	0.285
Ildamat	0.000	2,770	0.0003	0.264
Keekonyokie	0.001	3,140	0.0005	0.351
Suswa	0.001	2,300	0.0003	0.278
Narok South Constituency	0.005	2,260	0.0032	0.287
Maji Moto/Naroosura	0.001	2,190	0.0007	0.286
OlolulungA	0.001	2,360	0.0006	0.307

Melelo	0.001	2,290	0.0006	0.267
Loita	0.001	1,680	0.0003	0.235
Sogoo	0.001	2,380	0.0005	0.277
Sagamian	0.001	2,630	0.0004	0.269
Narok West Constituency	0.004	2,230	0.0023	0.285
Ilmotiok	0.001	2,380	0.0009	0.281
Mara	0.001	2,340	0.0006	0.281
Siana	0.001	2,150	0.0005	0.294
Naikarra	0.001	1,870	0.0003	0.260

Table 33.7: Education by County, Constituency and Wards

County/Constituency/Wards	None	Primary	Secondary+	Total Pop
Kenya	25.2	52.0	22.8	34,024,396
Rural	29.5	54.7	15.9	23,314,262
Urban	15.8	46.2	38.0	10,710,134
Narok County	37.8	51.4	10.9	728,411
Kilgoris Constituency	31.9	55.8	12.3	153,507
Kilgoris Central	28.5	57.8	13.7	36,295
Keyian	31.2	57.1	11.7	22,987
Angata Barikoi	27.3	64.4	8.3	21,229
Shankoe	24.4	54.9	20.7	24,658
Kimentet	40.5	51.8	7.7	19,171
Lolgorian	40.6	49.5	9.9	29,167
Emurua Dikirr Constituency	25.9	66.9	7.2	81,206
Ilkerin	28.7	66.1	5.2	22,669
Ololmasani	23.1	66.2	10.7	23,151
Mogondo	25.7	69.3	5.1	15,050
Kapsasian	26.2	66.9	6.9	20,336
Narok North Constituency	36.9	47.0	16.1	150,570
Olposimoru	41.7	49.2	9.2	17,242
Olokurto	53.4	40.8	5.8	18,315
Narok Town	22.2	43.8	33.9	39,727
Nkareta	42.6	44.6	12.8	17,727
Olorropil	36.2	52.7	11.1	25,574
Melili	40.5	50.1	9.4	31,985
Narok East Constituency	44.7	46.3	9.1	71,517
Mosiro	52.5	40.6	6.9	23,422
Ildamat	37.4	55.2	7.5	13,665
Keekonyokie	36.0	50.0	14.0	17,909
Suswa	48.9	43.0	8.1	16,521
Narok South Constituency	39.4	51.6	9.0	156,533
Maji Moto/Naroosura	67.2	28.0	4.8	33,585
OlolulungA	32.7	56.1	11.1	30,118
Melelo	24.6	66.2	9.3	30,275

Loita	72.6	23.7	3.7	19,444
Sogoo	17.8	69.6	12.6	24,807
Sagamian	18.1	68.1	13.7	18,304
Narok West Constituency	48.6	43.1	8.3	115,078
Ilmotiok	25.1	64.9	10.0	40,178
Mara	42.6	48.1	9.4	28,340
Siana	66.9	24.6	8.6	27,597
Naikarra	80.8	16.6	2.6	18,963

Table 33.8: Education for Male and Female Headed Households by County, Constituency and Ward

County/Constituency/Wards	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
Narok County	33.9	52.8	13.3	364,920	41.6	50.0	8.4	363,491
Kilgoris Constituency	28.3	56.6	15.2	76,529	35.5	55.1	9.5	76,978
Kilgoris Central	25.5	58.0	16.5	17,794	31.4	57.5	11.1	18,501
Keyian	27.8	57.6	14.6	11,436	34.5	56.7	8.9	11,551
Angata Barikoi	24.8	64.2	11.1	10,536	29.9	64.6	5.6	10,693
Shankoe	21.5	54.8	23.7	12,289	27.3	55.0	17.7	12,369
Kimentet	34.6	54.1	11.3	9,898	46.9	49.3	3.8	9,273
Lolgorian	35.9	51.6	12.4	14,576	45.3	47.4	7.4	14,591
Emurua Dikirr Constituency	24.5	66.0	9.5	40,052	27.3	67.8	4.9	41,154
Ilkerin	27.3	65.6	7.1	11,245	30.0	66.6	3.4	11,424
Ololmasani	20.7	65.1	14.2	11,428	25.4	67.3	7.4	11,723
Mogondo	25.0	68.1	6.9	7,460	26.4	70.4	3.2	7,590
Kapsasian	25.2	65.9	9.0	9,919	27.2	67.9	4.9	10,417
Narok North Constituency	33.0	48.8	18.2	77,184	41.0	45.1	13.9	73,386
Olposimoru	37.7	51.2	11.2	8,689	45.7	47.1	7.1	8,553
Olokurto	47.1	45.2	7.6	9,200	59.8	36.3	3.9	9,115
Narok Town	20.5	43.3	36.2	20,015	24.0	44.4	31.7	19,712
Nkareta	39.0	46.5	14.5	9,058	46.3	42.7	11.0	8,669

Olorropil	31.8	55.0	13.3	13,539		41.2	50.1	8.7	12,035
Melili	35.7	52.3	12.0	16,683		45.8	47.8	6.5	15,302
Narok East Constituency	41.0	48.1	11.0	36,215		48.5	44.4	7.1	35,302
Mosiro	47.3	44.1	8.7	11,749		57.9	37.0	5.1	11,673
Ildamat	33.0	57.5	9.5	7,117		42.1	52.6	5.3	6,548
Keekonyokie	34.1	49.7	16.2	9,028		38.0	50.2	11.8	8,881
Suswa	46.3	43.9	9.8	8,321		51.5	42.0	6.5	8,200
Narok South Constituency	35.7	53.1	11.2	78,187		43.1	50.0	6.9	78,346
Maji Moto/Naroosura	60.0	33.2	6.8	16,155		73.8	23.2	2.9	17,430
OlolulungA	30.8	56.0	13.3	15,366		34.8	56.3	8.9	14,752
Melelo	23.7	64.8	11.6	15,158		25.4	67.6	7.0	15,117
Loita	63.7	30.7	5.6	9,798		81.6	16.6	1.9	9,646
Sogoo	16.6	68.5	14.9	12,466		19.0	70.7	10.3	12,341
Sagamian	17.1	66.8	16.1	9,244		19.2	69.5	11.3	9,060
Narok West Constituency	42.5	46.2	11.3	56,753		54.5	40.1	5.4	58,325
Ilmotiok	23.2	64.8	12.0	19,961		27.0	64.9	8.1	20,217
Mara	36.7	50.1	13.2	14,213		48.4	46.1	5.5	14,127
Siana	57.7	29.7	12.6	13,817		76.0	19.4	4.5	13,780
Naikarra	72.2	23.5	4.4	8,762		88.2	10.7	1.2	10,201

Table 33.9: 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
Narok County	0.2	1.8	1.2	0.3	79.5	16.7	0.1	0.3	163,823
Kilgoris Constituency	0.2	1.4	1.1	0.3	83.5	13.2	0.1	0.3	31,705
Kilgoris Central	0.1	1.7	0.3	0.3	84.8	12.7	0.1	0.1	6,975
Keyian	0.0	1.8	0.1	0.2	92.4	5.3	0.1	0.0	4,806

Angata Barikoi	-	0.9	0.0	0.3	95.1	3.4	0.0	0.3	4,093
Shankoe	0.5	1.8	1.7	0.5	62.5	32.7	0.1	0.3	5,294
Kimentet	0.5	1.2	5.3	0.1	87.8	4.0	0.0	1.1	4,190
Lolgorian	0.1	0.9	0.1	0.1	82.5	16.1	0.0	0.2	6,347
Emurua Dikirr Constituency	0.0	0.9	0.0	0.2	97.4	1.4	0.0	0.0	16,347
Ilkerin	-	1.1	-	0.2	96.5	2.2	-	0.1	4,588
Ololmasani	0.0	0.8	0.1	0.2	96.8	1.9	0.1	0.0	4,588
Mogondo	0.0	0.6	0.0	0.2	98.5	0.6	-	-	3,253
Kapsasian	-	1.2	0.1	0.1	98.1	0.6	-	0.0	3,918
Narok North Constituency	0.3	3.0	2.0	0.5	57.9	36.0	0.1	0.4	37,654
Olposimoru	-	1.8	0.1	0.5	90.2	7.2	0.1	0.1	3,666
Olokurto	0.0	1.7	0.1	0.2	86.1	11.7	0.1	0.2	3,781
Narok Town	0.7	7.4	5.6	1.0	15.7	68.9	0.0	0.8	12,640
Nkareta	0.1	0.9	0.5	0.1	69.7	28.6	0.0	0.1	3,850
Olorropil	0.1	0.2	0.1	0.1	80.0	19.2	0.2	0.2	6,222
Melili	-	0.4	0.1	0.3	74.5	24.4	0.0	0.2	7,495
Narok East Constituency	0.2	1.5	0.5	0.3	70.7	26.2	0.0	0.7	17,305
Mosiro	0.2	1.0	0.2	0.4	78.4	18.3	0.1	1.4	5,405
Ildamat	-	1.1	0.1	0.2	65.7	32.7	0.1	0.1	3,469
Keekonyokie	0.4	3.0	1.4	0.2	54.1	40.2	0.0	0.6	4,606
Suswa	0.1	0.8	0.1	0.1	84.1	14.5	0.0	0.3	3,825
Narok South Constituency	0.1	1.1	0.2	0.2	90.6	7.7	0.1	0.1	33,871
Maji Moto/Naroosura	0.0	0.3	0.2	0.2	88.7	10.2	0.0	0.2	8,159
OlolulungA	0.3	0.4	0.4	0.4	81.4	17.0	0.0	0.1	6,161
Melelo	-	0.8	0.1	0.2	95.3	3.5	0.1	0.0	6,280
Loita	-	0.4	0.3	0.1	96.8	2.2	-	0.3	4,332
Sogoo	0.0	2.5	0.1	0.1	91.8	5.2	0.2	0.1	5,102
Sagamian	-	2.7	0.1	0.2	92.8	3.9	0.2	0.1	3,837
Narok West Constituency	0.2	2.3	2.8	0.3	85.8	8.2	0.1	0.3	26,941
Ilmotiok	0.1	0.5	0.5	0.1	88.1	10.4	0.1	0.1	8,556
Mara	0.1	4.2	2.3	0.6	84.6	7.7	0.1	0.4	6,767

Siana	0.4	4.0	7.8	0.4	77.5	9.4	0.1	0.4	7,124
Naikarra	0.0	0.2	0.0	0.1	96.0	3.0	0.0	0.6	4,494

Table 33.10: Cooking Fuel for Male Headed Households by County, Constituency and Wards

County/Constituency/ Wards	Electricity	Paraffin	LPG	Biogas	Firewood	Charcoal	Solar	Other	Households
Kenya	0.9	13.5	5.3	0.8	61.4	17.7	0.1	0.4	5,762,320
Rural	0.2	1.6	0.6	0.3	89.6	7.5	0.1	0.1	3,413,616
Urban	1.9	30.9	12.0	1.4	20.4	32.5	0.0	0.7	2,348,704
Narok County	0.2	2.1	1.4	0.3	77.5	18.0	0.1	0.4	107,586
Kilgoris Constituency	0.2	1.6	1.3	0.3	82.4	13.8	0.1	0.4	21,420
Kilgoris Central	0.1	1.9	0.3	0.2	83.5	13.7	0.1	0.2	4,376
Keyian	0.0	1.8	0.1	0.2	92.3	5.5	0.1	0.1	3,350
Angata Barikoi	0.0	0.8	0.0	0.4	95.1	3.3	0.0	0.4	2,879
Shankoe	0.5	2.0	1.7	0.5	62.0	32.8	0.0	0.4	3,717
Kimentet	0.7	1.7	6.8	0.1	85.2	4.0	0.1	1.4	2,827
Lolgorian	0.1	1.1	0.1	0.2	80.6	17.7	0.0	0.2	4,271
Emurua Dikirr Constituency	0.0	0.9	0.0	0.2	97.4	1.3	0.0	0.0	11,447
Ilkerin	0.0	1.2	0.0	0.2	96.4	2.0	0.0	0.1	3,318
Oloimasani	0.0	0.7	0.1	0.2	97.0	1.8	0.1	0.1	3,086
Mogondo	0.0	0.6	0.0	0.2	98.4	0.7	0.0	0.0	2,304
Kapsasian	0.0	1.2	0.0	0.0	98.4	0.4	0.0	0.0	2,739
Narok North Constituency	0.3	3.4	1.9	0.4	55.9	37.6	0.1	0.4	26,091
Olposimoru	0.0	1.8	0.0	0.4	89.4	8.3	0.0	0.1	2,474
Olokurto	0.0	1.5	0.1	0.2	85.0	12.9	0.1	0.2	2,380
Narok Town	0.7	8.1	5.1	0.9	15.4	68.8	0.0	0.9	9,147
Nkareta	0.2	1.0	0.5	0.1	65.7	32.4	0.0	0.1	2,621
Olorropil	0.0	0.2	0.0	0.0	80.2	18.9	0.3	0.2	4,450
Melili	0.0	0.4	0.2	0.2	72.8	26.1	0.0	0.2	5,019
Narok East Constituency	0.2	1.9	0.6	0.3	67.9	28.4	0.0	0.8	11,150
Mosiro	0.2	1.2	0.3	0.4	74.7	21.6	0.0	1.6	3,239
Ildamat	0.0	1.3	0.0	0.3	64.8	33.4	0.1	0.2	2,382
Keekonyokie	0.5	3.9	1.6	0.3	51.1	41.9	0.0	0.7	3,042
Suswa	0.1	1.0	0.2	0.1	82.5	16.0	0.0	0.2	2,487
Narok South Constituency	0.1	1.2	0.2	0.2	89.7	8.4	0.1	0.2	21,687
Maji Moto/Naroosura	0.0	0.5	0.2	0.2	85.1	13.5	0.1	0.4	4,328
Ololulunga	0.4	0.5	0.4	0.3	81.1	17.1	0.0	0.1	4,329
Melelo	0.0	0.9	0.1	0.2	95.5	3.2	0.0	0.0	4,466
Loita	0.0	0.8	0.4	0.1	95.2	3.1	0.0	0.4	2,131
Sogoo	0.0	2.5	0.1	0.2	92.0	5.0	0.2	0.1	3,690
Sagamian	0.0	2.4	0.1	0.2	93.5	3.6	0.2	0.1	2,743

Narok West Constituency	0.3	3.1	4.1	0.3	82.3	9.4	0.1	0.4	15,791
Ilmotiok	0.2	0.6	0.5	0.1	88.5	9.9	0.1	0.1	5,736
Mara	0.2	5.9	3.4	0.5	80.5	8.8	0.1	0.6	4,022
Siana	0.6	5.4	12.6	0.5	68.0	12.3	0.2	0.4	3,833
Naikarra	0.0	0.5	0.0	0.1	94.3	4.4	0.0	0.6	2,200

Table 33.11: Cooking Fuel for Female Headed Households by County, Constituency and Wards

County/Constituency/Wards	Electricity	Paraffin	LPG	Biogas	Firewood	Charcoal	Solar	Other	Households
Kenya	0.6	7.9	4.6	0.7	70.6	15.5	0.0	0.1	2,731,060
Rural	0.1	1.0	0.5	0.3	91.5	6.5	0.0	0.1	1,826,263
Urban	1.6	21.7	13.0	1.5	28.5	33.6	0.0	0.3	904,797
Narok County	0.1	1.2	0.8	0.3	83.2	14.1	0.1	0.2	56,237
Kilgoris Constituency	0.1	1.0	0.5	0.3	85.9	12.0	0.1	0.1	10,285
Kilgoris Central	0.1	1.2	0.1	0.5	87.0	11.0	0.0	0.0	2,599
Keyian	0.1	1.9	-	0.3	92.7	5.0	0.1	-	1,456
Angata Barikoi	-	1.0	0.1	0.1	95.1	3.6	-	0.1	1,214
Shankoe	0.4	1.3	1.5	0.4	63.5	32.4	0.2	0.2	1,577
Kimentet	-	0.2	2.1	0.1	93.3	3.9	-	0.4	1,363
Lolgorian	0.1	0.6	-	-	86.2	12.8	0.0	0.1	2,076
Emurua Dikirr Constituency	0.0	1.0	0.1	0.2	97.1	1.6	-	0.0	4,900
Ilkerin	-	0.6	-	0.2	96.6	2.5	-	-	1,270
Ololmasani	0.1	1.1	0.1	0.2	96.5	2.1	-	-	1,502
Mogondo	0.1	0.7	-	0.1	98.6	0.4	-	-	949
Kapsasian	-	1.4	0.1	0.2	97.4	0.9	-	0.1	1,179
Narok North Constituency	0.3	2.2	2.1	0.5	62.3	32.3	0.1	0.2	11,563
Olposimoru	-	1.9	0.1	0.8	92.0	4.9	0.3	0.1	1,192
Olokurto	0.1	1.9	0.1	0.1	88.0	9.6	0.1	0.1	1,401
Narok Town	0.8	5.4	6.6	1.0	16.5	69.2	0.0	0.5	3,493
Nkareta	-	0.7	0.7	-	78.1	20.6	-	-	1,229
Olorropil	0.1	0.2	0.1	0.2	79.3	19.9	0.1	0.1	1,772



Melili	-	0.3	0.1	0.3	78.0	21.0	0.0	0.2	2,476
Narok East Constituency	0.1	0.8	0.3	0.2	75.7	22.1	0.1	0.6	6,155
Mosiro	0.2	0.7	0.2	0.5	84.0	13.2	0.1	1.2	2,166
Ildamat	-	0.8	0.1	-	67.6	31.4	0.1	-	1,087
Keekonyokie	0.3	1.2	1.0	0.1	60.1	37.0	0.1	0.3	1,564
Suswa	-	0.5	-	0.2	87.1	11.7	-	0.4	1,338
Narok South Constituency	0.0	0.9	0.1	0.2	92.1	6.5	0.1	0.1	12,184
Maji Moto/Naroosura	0.0	0.2	0.1	0.3	92.7	6.6	-	0.1	3,831
OlolulungA	0.1	0.4	0.3	0.4	82.0	16.6	0.1	0.1	1,832
Melelo	-	0.7	0.1	0.3	94.7	4.1	0.1	-	1,814
Loita	-	0.0	0.1	-	98.3	1.3	-	0.2	2,201
Sogoo	-	2.7	0.1	0.1	91.3	5.5	0.2	0.1	1,412
Sagamian	-	3.7	-	0.2	91.1	4.8	0.2	-	1,094
Narok West Constituency	0.1	1.2	0.9	0.3	90.7	6.5	0.0	0.2	11,150
Ilmotiok	-	0.5	0.4	0.2	87.3	11.5	0.1	0.0	2,820
Mara	-	1.7	0.7	0.7	90.7	6.0	-	0.1	2,745
Siana	0.2	2.3	2.2	0.3	88.6	6.0	0.0	0.3	3,291
Naikarra	0.0	-	-	0.1	97.6	1.7	0.0	0.5	2,294

Table 33.12: Lighting Fuel by County, Constituency and Wards

County/Constituency/Wards	Electricity	Pressure Lamp	Lantern	Tin Lamp	Gas Lamp	Fuelwood	Solar	Other	House-holds
Kenya	22.9	0.6	30.6	38.5	0.9	4.3	1.6	0.6	5,762,320
Rural	5.2	0.4	34.7	49.0	1.0	6.7	2.2	0.7	3,413,616
Urban	51.4	0.8	23.9	21.6	0.6	0.4	0.7	0.6	2,348,704
Narok County	5.9	0.5	28.9	54.0	0.5	7.7	1.4	1.2	107,586
Kilgoris Constituency	3.9	0.4	18.3	73.9	0.6	0.9	1.2	0.9	21,420
Kilgoris Central	2.9	0.4	20.9	71.3	0.8	0.3	1.7	1.7	4,376
Keyian	0.8	0.3	15.5	80.9	0.9	0.4	1.1	0.1	3,350
Angata Barikoi	0.0	0.3	18.6	79.5	0.4	0.2	0.7	0.3	2,879
Shankoe	13.6	0.4	17.5	64.6	0.2	2.0	1.2	0.5	3,717
Kimentet	5.9	0.5	17.4	70.6	0.7	1.3	1.4	2.3	2,827
Lolgorian	0.2	0.3	18.5	77.8	0.3	1.4	1.0	0.4	4,271

Emurua Dikirr Constituency	0.2	0.5	33.6	63.0	0.3	1.0	1.3	0.1	11,447
Ilkerin	0.3	0.3	28.9	67.9	0.3	1.6	0.7	0.0	3,318
Ololmasani	0.4	0.3	35.7	61.7	0.3	0.2	1.5	0.0	3,086
Mogondo	0.1	0.6	26.1	71.3	0.2	1.3	0.5	0.0	2,304
Kapsasian	0.0	1.0	43.1	51.9	0.5	0.9	2.5	0.2	2,739
Narok North Constituency	16.3	0.6	32.2	40.8	0.4	8.1	0.8	0.7	26,091
Olposimoru	0.0	0.3	32.3	55.6	0.4	9.4	1.3	0.8	2,474
Olokurto	0.2	1.1	25.5	64.7	0.4	7.4	0.4	0.3	2,380
Narok Town	46.2	0.6	30.2	20.1	0.3	1.0	0.6	0.9	9,147
Nkareta	5.6	1.3	38.0	34.1	0.8	19.0	1.0	0.3	2,621
Olorropil	0.9	0.3	34.8	49.9	0.5	12.5	0.9	0.2	4,450
Melili	0.5	0.3	33.6	52.5	0.5	10.7	0.7	1.3	5,019
Narok East Constituency	4.5	0.7	20.4	63.3	0.9	7.4	0.9	1.9	11,150
Mosiro	3.1	0.5	11.8	69.3	1.7	8.5	0.7	4.4	3,239
Ildamat	0.8	0.9	28.9	61.9	0.8	4.5	1.0	1.1	2,382
Keekonyokie	12.5	1.1	28.9	48.5	0.3	6.3	1.5	1.0	3,042
Suswa	0.3	0.2	14.8	73.8	0.5	9.6	0.4	0.3	2,487
Narok South Constituency	0.8	0.4	36.2	43.4	0.6	16.1	1.7	0.8	21,687
Maji Moto/Naroosura	0.3	0.2	18.5	65.9	0.2	13.1	0.8	1.0	4,328
OlolulungA	3.0	0.6	35.9	48.2	0.6	9.9	1.4	0.4	4,329
Melelo	0.1	0.3	42.7	44.3	0.7	8.7	2.1	1.0	4,466
Loita	0.2	0.1	8.7	26.4	0.8	61.3	0.7	1.8	2,131
Sogoo	0.4	1.0	58.8	28.3	0.6	7.9	2.5	0.4	3,690
Sagamian	0.6	0.4	64.9	25.5	0.7	4.4	3.1	0.5	2,743
Narok West Constituency	4.2	0.4	30.5	50.7	0.3	8.9	2.3	2.6	15,791
Ilmotiok	1.5	0.6	58.7	33.7	0.4	2.4	1.9	0.7	5,736
Mara	5.0	0.2	30.8	52.3	0.3	5.2	3.4	2.8	4,022
Siana	9.3	0.7	12.5	60.4	0.3	10.3	2.8	3.7	3,833
Naikarra	0.0	0.1	4.7	65.4	0.3	24.5	0.7	4.3	2,200

Table 33.13: Lighting Fuel for Male Headed Households by County, Constituency and Wards

County/Constituency/ Wards	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>
Narok County	6.7	0.5	30.5	52.1	0.5	7.0	1.5	1.2	107,586
Kilgoris Constituency	4.4	0.4	18.0	73.4	0.5	1.0	1.2	1.0	21,420
Kilgoris Central	3.3	0.5	20.8	71.1	0.9	0.3	1.5	1.6	4,376
Keyian	0.9	0.4	14.8	81.1	1.0	0.4	1.2	0.1	3,350
Angata Barikoi	0.0	0.4	19.3	78.6	0.2	0.2	0.8	0.5	2,879
Shankoe	14.2	0.4	17.2	63.9	0.2	2.4	1.2	0.5	3,717
Kimentet	7.9	0.5	17.4	67.9	0.6	1.2	1.6	3.0	2,827
Lolgorian	0.3	0.3	18.1	77.9	0.3	1.5	1.1	0.5	4,271

Emurua Dikirr Constituency	0.2	0.5	34.6	61.9	0.3	0.9	1.4	0.1	11,447
Ilkerin	0.3	0.4	30.2	66.8	0.2	1.3	0.8	0.0	3,318
Ololmasani	0.5	0.2	36.2	61.0	0.3	0.2	1.6	0.1	3,086
Mogondo	0.0	0.7	26.9	70.3	0.3	1.2	0.6	0.0	2,304
Kapsasian	0.0	1.0	44.9	49.8	0.4	0.9	2.7	0.2	2,739
Narok North Constituency	17.0	0.6	32.5	39.7	0.4	8.1	0.9	0.8	26,091
Olposimoru	0.0	0.3	34.5	53.4	0.3	9.1	1.5	0.8	2,474
Olokurto	0.2	0.9	26.4	63.7	0.3	7.8	0.4	0.3	2,380
Narok Town	46.1	0.6	29.9	20.4	0.3	1.0	0.7	1.0	9,147
Nkareta	6.1	1.5	40.6	33.5	0.7	16.1	1.4	0.2	2,621
Olorropil	0.9	0.3	33.5	49.5	0.5	14.2	0.9	0.2	4,450
Melili	0.5	0.3	34.4	51.3	0.6	10.9	0.8	1.3	5,019
Narok East Constituency	5.2	0.7	21.8	60.9	1.0	7.3	1.0	2.1	11,150
Mosiro	3.6	0.6	13.6	66.2	2.0	8.2	0.9	4.9	3,239
Ildamat	0.7	0.8	31.1	59.5	0.8	4.9	1.0	1.3	2,382
Keekonyokie	14.6	1.1	28.8	46.5	0.2	6.0	1.6	1.2	3,042
Suswa	0.2	0.2	15.1	73.0	0.6	10.1	0.5	0.4	2,487
Narok South Constituency	0.9	0.5	39.9	41.2	0.7	14.2	1.8	0.9	21,687
Maji Moto/Naroosura	0.5	0.2	22.7	61.0	0.2	12.9	1.1	1.4	4,328
Ololulunga	2.9	0.6	36.2	47.1	0.8	10.6	1.5	0.3	4,329
Melelo	0.1	0.4	42.9	44.0	0.6	8.9	2.1	0.9	4,466
Loita	0.3	0.1	10.7	26.4	1.2	58.7	0.8	1.9	2,131
Sogoo	0.4	1.1	59.2	28.0	0.7	7.8	2.4	0.4	3,690
Sagamian	0.6	0.5	65.1	24.9	0.9	4.4	2.9	0.7	2,743
Narok West Constituency	6.3	0.5	34.0	45.5	0.3	7.8	2.9	2.7	15,791
Ilmotiok	1.7	0.6	59.7	32.6	0.4	2.1	2.1	0.8	5,736
Mara	7.7	0.2	32.6	46.3	0.3	5.4	4.2	3.3	4,022
Siana	15.4	1.0	12.8	52.4	0.3	10.1	3.8	4.2	3,833
Naikarra	0.0	0.1	6.1	65.5	0.1	23.0	1.0	4.2	2,200

Table 33.14: Lighting Fuel for Female Headed Households by County, Constituency and Wards

County/Constituency/Wards	Electricity	Pressure Lamp	Lantern	Tin Lamp	Gas Lamp	Fuelwood	Solar	Other	Households
Kenya	19.2	0.5	31.0	42.1	0.8	4.5	1.4	0.5	2,731,060
Rural	4.5	0.4	33.7	51.8	0.8	6.5	1.8	0.5	1,826,263
Urban	48.8	0.8	25.4	22.6	0.7	0.6	0.6	0.5	904,797
Narok County	4.3	0.4	26.0	57.5	0.5	9.0	1.1	1.1	56,237
Kilgoris Constituency	2.8	0.4	18.8	75.0	0.6	0.7	1.2	0.7	10,285
Kilgoris Central	2.1	0.4	21.2	71.5	0.8	0.2	2.0	1.8	2,599
Keyian	0.5	0.2	17.0	80.4	0.5	0.3	1.0	0.1	1,456

Angata Barikoi	-	0.2	16.8	81.6	0.8	0.1	0.5	-	1,214
Shankoe	12.4	0.4	18.0	66.5	0.1	1.1	1.1	0.4	1,577
Kimentet	1.8	0.6	17.5	76.1	0.9	1.4	1.0	0.9	1,363
Lolgorian	0.1	0.2	19.5	77.6	0.4	1.1	1.0	0.1	2,076
Emurua Dikirr Constituency	0.1	0.4	31.2	65.6	0.3	1.2	1.0	0.0	4,900
Ilkerin	0.2	0.2	25.6	70.6	0.6	2.4	0.4	-	1,270
Ololmasani	0.1	0.4	34.6	63.2	0.1	0.3	1.3	-	1,502
Mogondo	0.2	0.2	24.0	73.7	0.1	1.5	0.3	-	949
Kapsasian	-	1.0	38.8	56.8	0.5	0.8	1.9	0.1	1,179
Narok North Constituency	14.8	0.6	31.3	43.4	0.5	8.3	0.6	0.7	11,563
Olposimoru	-	0.3	27.7	60.1	0.5	10.0	0.8	0.7	1,192
Olokurto	0.1	1.4	24.0	66.5	0.5	6.8	0.4	0.4	1,401
Narok Town	46.5	0.6	31.1	19.3	0.3	0.9	0.5	0.8	3,493
Nkareta	4.6	0.9	32.5	35.3	0.8	25.1	0.3	0.4	1,229
Olorropil	0.7	0.3	38.3	50.8	0.3	8.5	0.9	0.2	1,772
Melili	0.4	0.2	31.9	54.9	0.5	10.2	0.5	1.3	2,476
Narok East Constituency	3.3	0.7	17.9	67.6	0.7	7.5	0.7	1.6	6,155
Mosiro	2.4	0.5	9.0	74.0	1.2	9.0	0.4	3.6	2,166
Ildamat	1.1	1.1	24.1	67.3	0.8	3.7	1.1	0.7	1,087
Keekonyokie	8.3	1.1	29.2	52.3	0.4	6.9	1.2	0.6	1,564
Suswa	0.5	0.3	14.2	75.3	0.4	8.9	0.2	0.1	1,338
Narok South Constituency	0.6	0.3	29.7	47.4	0.4	19.5	1.4	0.8	12,184
Maji Moto/Naroosura	0.1	0.2	13.8	71.5	0.2	13.2	0.5	0.5	3,831
OlolulungA	3.1	0.9	35.4	50.7	0.2	8.3	1.0	0.5	1,832
Melelo	0.1	0.1	42.4	45.1	0.7	8.2	2.1	1.3	1,814
Loita	0.0	0.1	6.8	26.4	0.5	63.8	0.6	1.8	2,201
Sogoo	0.4	0.7	57.9	29.0	0.6	8.4	2.6	0.4	1,412
Sagamian	0.5	0.3	64.4	26.9	0.2	4.1	3.5	0.2	1,094
Narok West Constituency	1.3	0.3	25.5	58.2	0.3	10.4	1.5	2.4	11,150
Ilmotiok	1.2	0.6	56.7	35.9	0.5	3.1	1.5	0.5	2,820
Mara	1.2	0.2	28.0	61.1	0.1	4.9	2.4	2.1	2,745

Siana	2.3	0.3	12.1	69.8	0.3	10.4	1.6	3.1	3,291
Naikarra	0.0	0.1	3.3	65.4	0.4	25.9	0.4	4.3	2,294

Table 33.15: Main material of the Floor by County, Constituency and Wards

County/Constituency/ wards	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>
Narok County	14.5	0.2	0.6	84.1	0.5	163,823
Kilgoris Constituency	14.8	0.2	0.5	84.2	0.3	31,705
Kilgoris Central	16.2	0.3	0.8	82.3	0.5	6,975
Keyian	11.2	0.2	0.5	88.0	0.1	4,806
Angata Barikoi	3.0	0.0	0.8	96.1	0.1	4,093
Shankoe	31.8	0.4	0.3	67.0	0.5	5,294
Kimentet	11.7	0.0	0.5	87.5	0.2	4,190
Lolgorian	11.3	0.3	0.2	88.0	0.2	6,347
Emurua Dikirr Constituency	3.0	0.0	0.4	96.5	0.1	16,347
Ilkerin	2.1	0.0	0.8	96.9	0.1	4,588
Ololmasani	5.0	0.0	0.3	94.5	0.2	4,588
Mogondo	1.6	0.1	0.2	98.1	0.1	3,253
Kapsasian	2.7	0.1	0.3	96.9	0.0	3,918
Narok North Constituency	27.4	0.6	0.8	70.8	0.4	37,654
Olposimoru	3.8	0.1	2.2	93.6	0.3	3,666
Olokurto	3.3	0.1	1.5	95.0	0.1	3,781
Narok Town	69.8	1.6	0.3	28.2	0.1	12,640
Nkareta	15.5	0.1	0.3	83.9	0.2	3,850
Olorropil	6.5	0.1	1.4	92.0	0.1	6,222
Melili	3.3	0.1	0.4	94.9	1.3	7,495
Narok East Constituency	14.6	0.2	0.6	84.2	0.4	17,305
Mosiro	8.8	0.1	0.4	90.3	0.4	5,405
Ildamat	4.9	-	1.1	93.7	0.3	3,469
Keekonyokie	29.3	0.4	0.4	69.1	0.7	4,606
Suswa	14.1	0.1	0.7	85.1	0.1	3,825
Narok South Constituency	6.5	0.1	0.7	92.2	0.5	33,871
Maji Moto/Naroosura	7.4	0.1	0.1	91.5	0.9	8,159
OlolulungA	10.1	0.3	1.0	88.6	0.1	6,161
Melelo	2.9	0.1	1.7	95.2	0.2	6,280
Loita	3.3	0.0	0.3	96.2	0.1	4,332
Sogoo	6.5	0.0	0.8	91.5	1.0	5,102
Sagamian	8.3	0.1	0.4	91.0	0.3	3,837
Narok West Constituency	13.1	0.1	0.4	85.1	1.3	26,941
Ilmotiok	12.0	0.2	0.6	87.1	0.2	8,556
Mara	13.2	0.1	0.4	85.2	1.1	6,767

Siana	20.3	0.1	0.4	77.9	1.2	7,124
Naikarra	3.7	0.0	0.3	92.4	3.6	4,494

Table 33.16: Main Material of the Floor in Male and Female Headed Households by County, Constituency and Ward

County/Constituency/ wards	Cement	Tiles	Wood	Earth	Other	House- holds	Cement	Tiles	Wood	Earth	Other	House- holds
Kenya	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
Rural	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
Urban	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
Narok County	15.7	0.3	0.6	82.9	0.5	107,586	12.3	0.2	0.6	86.4	0.5	56,237
Kilgoris Constituency	15.3	0.2	0.6	83.6	0.3	21,420	13.6	0.3	0.4	85.5	0.2	10,285
Kilgoris Central	16.5	0.2	0.9	81.8	0.6	4,376	15.7	0.4	0.6	83.0	0.3	2,599
Keyian	11.4	0.1	0.5	87.8	0.1	3,350	10.9	0.4	0.3	88.3	0.1	1,456
Angata Barikoi	3.0	-	0.7	96.2	0.1	2,879	3.0	0.2	1.0	95.8	-	1,214
Shankoe	31.7	0.5	0.3	67.1	0.4	3,717	32.0	0.3	0.4	66.8	0.5	1,577
Kimentet	14.1	0.1	0.6	84.9	0.3	2,827	6.7	-	0.2	93.0	0.1	1,363
Lolgorian	12.0	0.3	0.3	87.2	0.2	4,271	9.7	0.2	0.1	89.7	0.2	2,076
Emurua Dikirr Constituency	2.9	0.1	0.3	96.6	0.1	11,447	3.1	0.0	0.6	96.2	0.1	4,900
Ilkerin	2.2	0.0	0.6	97.1	0.1	3,318	2.0	0.1	1.3	96.5	0.2	1,270
Ololmasani	5.1	0.0	0.3	94.4	0.2	3,086	4.9	-	0.2	94.7	0.3	1,502
Mogondo	1.6	0.1	0.0	98.1	0.1	2,304	1.6	-	0.4	97.9	0.1	949
Kapsasian	2.5	0.1	0.3	97.1	0.0	2,739	3.1	-	0.5	96.4	-	1,179
Narok North Constituency	28.4	0.6	0.8	69.9	0.3	26,091	25.2	0.6	0.9	72.9	0.5	11,563
Olposimoru	4.0	0.0	2.3	93.4	0.3	2,474	3.3	0.1	2.1	94.1	0.4	1,192
Olokurto	3.4	0.2	1.6	94.8	0.0	2,380	2.9	0.1	1.4	95.4	0.2	1,401
Narok Town	69.4	1.6	0.3	28.7	0.1	9,147	70.9	1.8	0.3	26.9	0.1	3,493
Nkareta	17.0	0.1	0.3	82.3	0.2	2,621	12.2	0.1	0.2	87.5	-	1,229
Oloropil	6.2	0.1	1.2	92.5	0.1	4,450	7.2	0.1	1.7	91.0	-	1,772
Melili	3.4	0.1	0.4	95.0	1.1	5,019	3.1	0.0	0.5	94.5	1.8	2,476
Narok East Constituency	15.8	0.2	0.6	83.0	0.5	11,150	12.6	0.1	0.6	86.4	0.3	6,155
Mosiro	9.9	0.1	0.4	89.1	0.5	3,239	7.1	0.0	0.3	92.2	0.4	2,166

Ildamat	4.5	-	1.0	94.1	0.3	2,382	5.9	-	1.1	92.8	0.2	1,087
Keekonyokie	31.5	0.6	0.4	66.7	0.9	3,042	25.1	0.2	0.5	73.7	0.5	1,564
Suswa	15.0	-	0.7	84.2	0.1	2,487	12.5	0.1	0.5	86.8	0.1	1,338
Narok South Constituency	6.9	0.1	0.8	91.7	0.5	21,687	5.7	0.1	0.6	93.0	0.5	12,184
Maji Moto/Naroosura	9.9	0.1	0.1	89.1	0.6	4,328	4.5	0.1	0.2	94.1	1.1	3,831
OlolulungA	9.9	0.3	1.1	88.6	0.1	4,329	10.5	0.3	0.7	88.5	-	1,832
Melelo	2.7	0.1	1.5	95.5	0.2	4,466	3.3	-	1.9	94.5	0.3	1,814
Loita	4.7	0.0	0.2	94.8	0.2	2,131	2.0	-	0.3	97.5	0.1	2,201
Sogoo	6.0	0.1	0.8	92.0	1.2	3,690	8.0	-	0.9	90.4	0.6	1,412
Sagamian	7.3	0.1	0.4	91.9	0.3	2,743	10.7	0.2	0.5	88.5	0.2	1,094
Narok West Constituency	16.2	0.2	0.5	81.7	1.5	15,791	8.7	0.1	0.3	89.9	1.0	11,150
Ilmotiok	11.2	0.2	0.7	87.7	0.2	5,736	13.4	0.1	0.4	85.9	0.1	2,820
Mara	16.8	0.1	0.4	80.9	1.8	4,022	7.8	0.1	0.4	91.5	0.1	2,745
Siana	29.0	0.3	0.5	68.4	1.9	3,833	10.2	-	0.3	89.1	0.4	3,291
Naikarra	5.6	0.0	0.3	90.8	3.3	2,200	1.8	-	0.3	93.9	3.9	2,294

Table 33.17: Main Roofing Material by County Constituency and Wards

County/Constituency/Wards	Corrugated Iron Sheets	Tiles	Concrete	Asbestos sheets	Grass	Makuti	Tin	Mud/Dung	Other	Households
Kenya	73.5	2.2	3.6	2.2	13.3	3.2	0.3	0.8	1.0	8,493,380
Rural	70.3	0.7	0.2	1.8	20.2	4.2	0.2	1.2	1.1	5,239,879
Urban	78.5	4.6	9.1	2.9	2.1	1.5	0.3	0.1	0.9	3,253,501
Narok County	48.6	0.5	0.1	3.0	33.4	1.1	0.4	11.2	1.7	163,823
Kilgoris Constituency	35.2	0.4	0.1	2.0	60.5	0.6	0.2	0.7	0.2	31,705
Kilgoris Central	42.6	0.5	0.1	1.5	54.4	0.7	0.0	0.1	0.1	6,975
Keyian	43.7	0.4	0.1	2.4	52.5	0.6	0.1	0.2	0.1	4,806
Angata Barikoi	16.7	0.2	0.0	1.7	80.7	0.2	0.0	0.4	0.0	4,093
Shankoe	54.9	0.5	0.1	2.7	39.9	0.8	0.6	0.2	0.4	5,294
Kimentet	21.7	0.0	0.0	0.8	74.4	0.0	0.0	2.6	0.4	4,190
Lolgorian	25.0	0.4	0.1	2.9	68.4	1.2	0.1	1.4	0.4	6,347
Emurua Dikirr Constituency	17.3	0.3	0.1	0.8	81.2	0.1	0.3	0.0	0.0	16,347
Ilkerin	11.1	0.2	0.0	0.3	87.6	0.2	0.5	0.0	0.0	4,588
Ololmasani	28.1	0.5	0.0	1.4	69.5	0.1	0.4	0.0	0.1	4,588
Mogondo	9.9	0.3	0.2	1.3	88.1	0.1	0.0	0.0	0.0	3,253
Kapsasian	17.9	0.3	0.0	0.1	81.5	0.0	0.0	0.1	0.0	3,918
Narok North Constituency	78.3	0.7	0.3	4.8	7.7	2.4	0.8	1.7	3.3	37,654

Olposimoru	80.9	1.3	0.0	5.7	8.5	2.1	0.0	0.5	1.0	3,666
Olokurto	81.6	1.1	0.0	6.8	5.2	2.8	0.0	0.3	2.2	3,781
Narok Town	90.7	0.7	0.8	3.2	0.2	0.1	0.7	3.2	0.4	12,640
Nkareta	83.4	0.3	0.0	5.7	5.4	0.8	0.4	3.4	0.8	3,850
Olorropil	64.5	0.5	0.0	6.2	11.2	3.3	3.0	0.5	10.8	6,222
Melili	63.1	0.5	0.0	4.7	19.6	6.4	0.1	0.7	4.8	7,495
Narok East Constituency	55.3	0.7	0.0	6.6	16.5	1.8	0.5	14.3	4.2	17,305
Mosiro	48.1	0.3	0.1	4.9	11.8	1.6	0.1	30.6	2.5	5,405
Ildamat	57.5	0.3	0.0	9.7	14.1	4.1	0.0	8.1	6.1	3,469
Keekonyokie	69.0	1.9	0.0	6.3	12.9	0.2	1.6	4.8	3.2	4,606
Suswa	47.1	0.4	0.0	6.5	29.4	2.0	0.1	8.3	6.2	3,825
Narok South Constituency	45.6	0.4	0.0	1.9	31.5	0.8	0.2	18.6	0.9	33,871
Maji Moto/Naroosura	36.7	0.3	0.0	1.8	6.1	0.4	0.2	52.5	2.0	8,159
OlolulungA	58.7	0.7	0.1	0.9	34.2	2.4	0.5	1.6	1.0	6,161
Melelo	42.7	0.4	0.0	1.0	54.4	0.8	0.0	0.2	0.4	6,280
Loita	24.2	0.4	0.0	2.6	27.5	0.2	0.3	43.7	0.9	4,332
Sogoo	55.7	0.5	0.0	1.4	41.9	0.2	0.1	0.1	0.1	5,102
Sagamian	59.2	0.3	0.1	4.8	34.3	0.4	0.2	0.1	0.5	3,837
Narok West Constituency	41.4	0.3	0.1	1.8	21.6	0.6	0.3	32.1	1.7	26,941
Ilmotiok	57.2	0.4	0.1	0.3	40.5	0.4	0.2	0.7	0.2	8,556
Mara	50.3	0.4	0.1	1.9	23.2	0.6	0.4	21.0	2.1	6,767
Siana	30.3	0.2	0.1	4.2	5.5	0.2	0.5	57.4	1.7	7,124
Naikarra	15.5	0.1	0.0	0.9	9.0	1.7	0.1	68.4	4.3	4,494

Table 33.18: Main Roofing Material in Male Headed Households by County, Constituency and Wards

County/Constituency /Wards	Corrugated Iron Sheets	Tiles	Concrete	Asbestos sheets	Grass	Makuti	Tin	Mud/ Dung	Other	Households
Kenya	73.0	2.3	3.9	2.3	13.5	3.2	0.3	0.5	1.0	5,762,320
Rural	69.2	0.8	0.2	1.8	21.5	4.4	0.2	0.9	1.1	3,413,616
Urban	78.5	4.6	9.3	2.9	2.0	1.4	0.3	0.1	0.9	2,348,704
Narok County	50.1	0.5	0.1	3.0	34.8	1.2	0.4	7.9	2.0	107,586
Kilgoris Constituency	34.7	0.4	0.1	2.0	61.1	0.6	0.2	0.6	0.2	21,420
Kilgoris Central	41.3	0.5	0.1	1.3	55.9	0.7	0.1	0.2	0.1	4,376
Keyian	41.7	0.4	0.1	2.1	54.7	0.6	0.1	0.1	0.2	3,350
Angata Barikoi	15.8	0.2	0.0	1.7	81.5	0.3	0.1	0.3	0.1	2,879
Shankoe	54.4	0.5	0.1	2.4	40.5	0.7	0.8	0.2	0.4	3,717
Kimentet	24.1	0.1	0.0	1.0	72.5	-	-	1.9	0.5	2,827
Lolgorian	25.1	0.4	0.1	3.2	68.3	1.1	0.2	1.3	0.3	4,271



Emurua Dikirr Constituency	17.1	0.3	0.1	0.7	81.4	0.1	0.2	0.0	0.0	11,447
Ilkerin	11.2	0.2	0.0	0.3	87.6	0.2	0.5	0.0	0.0	3,318
Ololmasani	27.8	0.5	0.0	1.2	70.0	0.1	0.4	-	0.0	3,086
Mogondo	10.5	0.3	0.3	1.5	87.3	0.0	-	0.0	-	2,304
Kapsasian	17.6	0.3	0.0	0.1	81.9	0.0	-	0.1	-	2,739
Narok North Constituency	77.9	0.7	0.3	4.7	8.0	2.4	0.8	1.5	3.8	26,091
Olposimoru	80.4	1.2	0.0	6.0	9.0	2.0	-	0.3	1.0	2,474
Olokurto	81.3	0.8	-	6.9	5.3	2.9	-	0.2	2.6	2,380
Narok Town	91.5	0.7	0.8	2.9	0.3	0.1	0.7	2.6	0.5	9,147
Nkareta	82.9	0.3	-	6.1	5.5	0.9	0.3	2.8	1.1	2,621
Olorropil	61.5	0.6	0.0	5.7	12.4	3.5	3.1	0.6	12.7	4,450
Melili	62.0	0.5	-	4.8	20.3	6.4	0.2	0.7	5.2	5,019
Narok East Constituency	57.7	0.7	0.0	6.8	16.0	1.8	0.5	11.7	4.8	11,150
Mosiro	52.6	0.3	0.1	6.2	9.7	1.5	0.2	26.7	2.7	3,239
Ildamat	61.1	0.3	-	9.6	12.8	3.9	0.0	5.0	7.3	2,382
Keekonyokie	69.5	1.6	-	5.8	13.2	0.2	1.5	4.6	3.5	3,042
Suswa	46.8	0.4	-	6.2	30.8	2.1	0.0	7.1	6.5	2,487
Narok South Constituency	48.7	0.5	0.0	1.9	33.7	0.9	0.2	12.9	1.1	21,687
Maji Moto/Naroosura	43.6	0.4	0.0	2.5	6.2	0.5	0.2	44.0	2.6	4,328
OlolulungA	57.0	0.7	0.1	1.0	36.0	2.6	0.5	1.1	1.1	4,329
Melelo	43.3	0.4	-	1.0	53.8	0.9	0.0	0.2	0.4	4,466
Loita	27.5	0.5	-	2.4	27.9	0.2	0.6	39.5	1.5	2,131
Sogoo	55.6	0.6	0.0	1.5	41.8	0.2	0.1	0.1	0.1	3,690
Sagamian	59.2	0.3	0.1	4.5	34.5	0.5	0.2	0.1	0.6	2,743
Narok West Constituency	45.5	0.4	0.1	2.0	24.3	0.7	0.3	24.6	2.1	15,791
Ilmotiok	55.7	0.5	0.1	0.3	42.3	0.4	0.2	0.4	0.2	5,736
Mara	53.9	0.5	0.1	1.7	25.6	0.5	0.5	14.0	3.1	4,022
Siana	37.1	0.3	0.2	5.4	4.8	0.2	0.4	48.7	2.8	3,833
Naikarra	18.2	0.2	0.1	0.9	8.8	2.3	0.1	65.5	3.9	2,200

**Table 33.19: Main Roofing Material in Female Headed Households by County, Constituency and Wards**

County/Constituency/Wards	Corrugated Iron Sheets	Tiles	Concrete	Asbestos sheets	Grass	Makuti	Tin	Mud/Dung	Other	Households
Kenya	74.5	2.0	3.0	2.2	12.7	3.2	0.3	1.2	1.0	2,731,060
Rural	72.5	0.7	0.1	1.8	17.8	3.9	0.3	1.8	1.1	1,826,263
Urban	78.6	4.5	8.7	2.9	2.3	1.6	0.3	0.1	0.9	904,797
Narok County	45.8	0.4	0.1	2.9	30.7	1.1	0.3	17.4	1.2	56,237
Kilgoris Constituency	36.3	0.3	0.1	2.1	59.3	0.6	0.1	1.0	0.3	10,285
Kilgoris Central	44.9	0.5	0.1	1.8	52.0	0.6	-	0.1	0.1	2,599
Keyian	48.4	0.2	0.2	2.9	47.3	0.5	0.1	0.3	-	1,456
Angata Barikoi	18.7	0.2	-	1.8	78.8	-	-	0.4	-	1,214
Shankoe	56.0	0.5	-	3.2	38.4	1.0	0.3	0.1	0.4	1,577
Kimentet	16.9	-	0.1	0.5	78.4	-	-	3.9	0.1	1,363
Lolgorian	24.8	0.4	0.2	2.4	68.7	1.2	0.0	1.5	0.7	2,076
Emurua Dikirr Constituency	17.8	0.2	0.0	0.9	80.6	0.1	0.3	0.0	0.1	4,900
Ilkerin	10.8	0.1	-	0.6	87.8	0.2	0.6	-	-	1,270
Ololmasani	28.7	0.4	-	1.9	68.4	-	0.4	-	0.2	1,502
Mogondo	8.5	0.1	0.2	0.7	90.1	0.3	-	-	-	949
Kapsasian	18.7	0.2	-	0.1	80.8	-	-	0.1	0.1	1,179
Narok North Constituency	79.2	0.8	0.3	5.1	7.1	2.4	0.8	2.3	2.1	11,563
Olposimoru	81.9	1.4	-	5.0	7.6	2.2	-	0.9	1.0	1,192
Olokurto	82.2	1.5	-	6.7	5.0	2.5	-	0.6	1.6	1,401
Narok Town	88.6	0.8	0.8	3.9	0.1	0.1	0.9	4.7	0.1	3,493
Nkareta	84.4	0.2	-	4.6	5.2	0.5	0.4	4.6	0.1	1,229
Oloropil	72.1	0.3	0.1	7.3	8.2	2.6	3.0	0.3	6.1	1,772
Melili	65.4	0.6	-	4.4	18.1	6.6	0.0	0.7	4.1	2,476
Narok East Constituency	51.0	0.8	0.1	6.2	17.2	1.9	0.5	19.1	3.3	6,155
Mosiro	41.5	0.2	0.0	2.9	15.1	1.7	0.0	36.5	2.0	2,166
Ildamat	49.7	0.3	0.1	9.9	16.9	4.7	-	14.8	3.6	1,087
Keekonyokie	68.2	2.4	0.1	7.3	12.3	0.2	1.7	5.2	2.6	1,564
Suswa	47.6	0.3	-	7.2	26.8	1.7	0.1	10.5	5.8	1,338

Narok South Constituency	40.2	0.3	0.1	1.7	27.6	0.6	0.2	28.6	0.7	12,184
Maji Moto/Naroosura	28.8	0.3	0.1	1.0	6.1	0.3	0.2	62.1	1.3	3,831
OlolungA	62.8	0.7	0.2	0.7	29.9	2.0	0.5	2.7	0.7	1,832
Melelo	41.2	0.2	-	1.1	56.1	0.7	-	0.4	0.3	1,814
Loita	21.1	0.4	0.0	2.7	27.2	0.2	0.1	47.8	0.5	2,201
Sogoo	56.1	0.2	-	1.2	42.0	0.1	0.2	0.1	0.1	1,412
Sagamian	59.2	0.5	-	5.7	33.8	0.3	0.2	-	0.4	1,094
Narok West Constituency	35.6	0.2	0.0	1.6	17.9	0.5	0.2	42.6	1.2	11,150
Ilmotiok	60.3	0.3	0.1	0.4	36.9	0.5	0.1	1.4	0.1	2,820
Mara	45.1	0.3	0.0	2.2	19.7	0.7	0.1	31.3	0.5	2,745
Siana	22.3	0.1	-	2.8	6.3	0.1	0.5	67.5	0.4	3,291
Naikarra	12.9	0.1	-	0.9	9.1	1.1	0.0	71.2	4.8	2,294

Table 33.20: Main material of the wall by County, Constituency and Wards

County/Constituency/Wards	Stone	Brick/ Block	Mud/ Wood	Mud/ Cement	Wood only	Corrugated Iron Sheets	Grass/ Reeds	Tin	Other	Households
Kenya	16.7	16.9	36.5	7.7	11.1	6.7	3.0	0.3	1.2	8,493,380
Rural	5.7	13.8	50.0	7.6	14.4	2.5	4.4	0.3	1.4	5,239,879
Urban	34.5	21.9	14.8	7.8	5.8	13.3	0.8	0.3	0.9	3,253,501
Narok County	5.6	3.8	68.4	6.8	9.8	2.9	0.8	0.4	1.5	163,823
Kilgoris Constituency	0.8	9.4	74.7	11.1	1.5	1.1	0.5	0.1	0.8	31,705
Kilgoris Central	0.3	11.6	67.8	18.2	0.9	0.8	0.2	0.1	0.1	6,975
Keyian	0.6	6.4	80.0	8.6	1.0	1.7	1.5	0.0	0.1	4,806
Angata Barikoi	0.8	0.9	83.3	9.7	0.2	0.8	0.3	0.0	4.1	4,093
Shankoe	1.0	23.6	65.0	4.2	2.1	2.7	0.4	0.6	0.4	5,294
Kimentet	2.0	3.0	81.1	7.4	5.0	0.8	0.2	0.1	0.5	4,190
Lolgorian	0.5	6.9	76.3	14.5	0.6	0.2	0.6	0.1	0.4	6,347
Emurua Dikirr Constituency	0.1	0.7	83.4	11.9	3.1	0.1	0.6	0.0	0.0	16,347
Ilkerin	0.1	0.3	85.4	9.2	2.9	0.3	1.8	0.0	0.0	4,588
Ololmasani	0.1	1.5	92.1	1.9	4.2	0.1	0.0	0.0	0.1	4,588

Mogondo	0.2	0.3	74.5	22.6	1.9	0.1	0.3	0.0	0.0	3,253
Kapsasian	0.1	0.6	78.4	18.0	2.9	0.0	0.1	0.0	0.0	3,918
Narok North Constituency	17.2	3.0	46.4	3.3	21.9	5.2	0.8	0.7	1.7	37,654
Olposimoru	0.4	0.9	66.0	2.0	25.1	0.1	0.0	2.3	3.3	3,666
Olokurto	0.7	1.4	76.2	1.1	10.4	0.2	0.0	1.5	8.4	3,781
Narok Town	47.1	7.0	18.7	5.8	7.2	13.5	0.1	0.4	0.2	12,640
Nkareta	9.5	1.3	69.8	4.5	9.4	4.4	0.4	0.1	0.6	3,850
Olorropil	1.0	0.7	55.4	1.7	37.5	0.2	2.4	0.8	0.1	6,222
Melili	0.6	0.7	48.9	1.5	44.1	0.5	1.6	0.1	1.9	7,495
Narok East Constituency	6.5	2.0	50.8	5.1	21.7	8.2	2.3	1.1	2.4	17,305
Mosiro	4.5	0.7	68.9	3.7	12.3	4.8	3.2	0.5	1.4	5,405
Ildamat	0.6	0.3	30.6	1.3	61.0	1.5	1.1	0.1	3.6	3,469
Keekonyokie	16.7	1.2	37.1	8.5	12.0	18.3	1.4	2.8	1.8	4,606
Suswa	2.2	6.3	59.8	6.5	11.0	7.0	3.1	0.6	3.6	3,825
Narok South Constituency	1.4	1.8	82.5	4.1	6.6	1.4	0.2	0.2	1.7	33,871
Maji Moto/Naroosura	2.9	2.3	81.1	3.2	0.8	2.5	0.4	0.3	6.5	8,159
OlolulungA	2.6	3.3	74.6	3.5	11.8	3.4	0.4	0.2	0.1	6,161
Melelo	0.2	0.5	83.3	7.0	8.6	0.1	0.0	0.0	0.1	6,280
Loita	0.6	1.1	90.8	3.4	1.5	1.3	0.0	0.4	0.8	4,332
Sogoo	0.5	1.3	86.4	2.4	9.2	0.1	0.1	0.0	0.0	5,102
Sagamian	0.7	1.4	82.4	5.3	9.6	0.2	0.1	0.1	0.0	3,837
Narok West Constituency	3.3	3.9	76.2	8.0	3.4	1.9	1.0	0.2	2.0	26,941
Ilmotiok	3.9	2.2	73.9	12.5	5.5	0.9	0.1	0.1	0.9	8,556
Mara	1.9	3.6	78.4	7.8	4.3	1.7	0.3	0.2	1.8	6,767
Siana	5.7	8.2	71.8	4.9	1.2	3.9	2.0	0.3	2.2	7,124
Naikarra	0.7	0.9	84.3	4.9	1.3	0.8	2.5	0.3	4.3	4,494

Table 33.21: Main Material of the Wall in Male Headed Households by County, Constituency and Ward

County/ Constituency/ Wards	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
Narok County	6.1	4.1	66.1	6.9	10.8	3.3	0.9	0.4	1.5	107,586
Kilgoris Constituency	0.9	9.7	74.0	10.8	1.7	1.2	0.6	0.2	0.8	21,420
Kilgoris Central	0.5	12.1	67.1	18.0	1.2	0.9	0.1	0.1	0.1	4,376
Keyian	0.7	6.8	79.3	8.2	1.0	1.9	1.9	0.1	0.1	3,350
Angata Barikoi	0.7	1.0	82.7	10.1	0.2	0.9	0.3	-	4.2	2,879
Shankoe	1.1	23.3	65.2	3.9	2.2	2.7	0.4	0.8	0.4	3,717
Kimentet	2.5	3.7	78.7	7.1	5.9	1.1	0.2	0.1	0.6	2,827
Lolgorian	0.6	7.6	75.7	14.3	0.7	0.2	0.7	0.1	0.2	4,271
Emurua Dikirr Constituency	0.1	0.8	83.3	12.0	3.0	0.1	0.6	-	0.0	11,447
Ilkerin	0.1	0.4	85.5	8.7	3.0	0.3	2.0	-	0.0	3,318
Oloimasani	0.2	1.7	91.6	2.1	4.3	0.1	0.0	-	-	3,086
Mogondo	0.3	0.3	74.3	22.8	2.0	0.1	0.2	-	0.0	2,304
Kapsasian	0.1	0.6	78.6	18.0	2.6	0.0	0.1	-	-	2,739
Narok North Constituency	17.7	3.0	43.8	3.3	23.2	5.8	1.0	0.6	1.6	26,091
Olposimoru	0.4	1.1	63.2	2.1	27.9	0.1	0.0	2.0	3.2	2,474
Olokurto	0.7	1.4	74.7	1.4	12.1	0.3	0.0	1.3	8.1	2,380
Narok Town	46.3	6.9	18.6	5.7	7.3	14.4	0.2	0.4	0.3	9,147
Nkareta	10.3	1.5	66.7	4.3	10.5	5.2	0.4	0.1	0.8	2,621
Olorropil	1.0	0.7	53.6	1.7	39.0	0.3	2.9	0.8	0.2	4,450
Melili	0.6	0.7	45.0	1.2	47.9	0.6	1.8	0.1	2.1	5,019
Narok East Constituency	6.9	2.1	47.2	4.9	23.9	8.9	2.5	1.1	2.6	11,150
Mosiro	5.2	0.6	64.8	4.1	14.4	5.6	3.0	0.5	1.8	3,239
Ildamat	0.5	0.3	26.7	1.1	64.8	1.8	1.4	0.1	3.3	2,382
Keekonyokie	17.5	1.2	35.2	8.1	11.8	19.5	1.5	3.0	2.3	3,042
Suswa	2.3	6.8	58.7	5.5	11.7	7.1	4.0	0.4	3.4	2,487

Narok South Constituency	1.6	1.9	81.3	4.3	7.4	1.6	0.3	0.2	1.4	21,687
Maji Moto/Naroosura	4.1	2.9	78.2	3.3	1.1	3.4	0.7	0.3	6.1	4,328
OlolulungA	2.6	3.3	73.7	3.4	13.0	3.3	0.4	0.2	0.2	4,329
Melelo	0.2	0.6	83.5	6.9	8.3	0.2	0.1	0.0	0.2	4,466
Loita	0.8	1.6	87.7	3.9	1.8	2.1	0.1	0.6	1.5	2,131
Sogoo	0.4	1.2	86.9	2.3	9.0	0.1	0.1	0.0	-	3,690
Sagamian	0.6	1.4	82.1	5.8	9.5	0.2	0.1	0.1	0.0	2,743
Narok West Constituency	4.1	4.8	71.9	9.0	3.9	2.5	1.1	0.2	2.4	15,791
Ilmotiok	3.5	2.4	74.4	12.7	5.2	0.8	0.1	0.1	0.8	5,736
Mara	2.5	3.8	73.2	8.8	5.6	2.5	0.4	0.2	2.9	4,022
Siana	8.6	11.6	61.4	5.6	1.4	5.5	2.1	0.3	3.4	3,833
Naikarra	1.0	1.3	81.3	5.8	1.8	1.5	3.1	0.4	3.8	2,200

Table 33.22: 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
Narok County	4.7	3.3	72.8	6.7	7.9	2.2	0.6	0.3	1.5	56,237
Kilgoris Constituency	0.5	8.6	76.0	12.0	1.0	0.9	0.3	0.0	0.7	10,285
Kilgoris Central	0.1	10.9	69.0	18.6	0.5	0.6	0.3	0.0	0.1	2,599
Keyian	0.5	5.6	81.7	9.5	1.0	1.2	0.4	-	-	1,456
Angata Barikoi	1.1	0.6	84.6	8.7	0.2	0.7	0.2	-	3.8	1,214
Shankoe	0.8	24.3	64.6	5.1	1.8	2.7	0.2	0.2	0.4	1,577
Kimentet	1.0	1.4	86.2	8.1	2.9	0.1	0.1	-	0.1	1,363
Lolgorian	0.2	5.5	77.6	15.0	0.2	0.3	0.4	-	0.7	2,076
Emurua Dikirr Constituency	0.1	0.6	83.7	11.7	3.2	0.1	0.5	-	0.1	4,900
Ilkerin	0.1	0.2	85.0	10.3	2.9	0.2	1.3	-	-	1,270

Ololmasani	-	1.3	92.9	1.5	3.9	0.1	-	-	0.3	1,502
Mogondo	0.2	0.3	75.0	21.9	1.9	0.1	0.5	-	-	949
Kapsasian	-	0.5	77.7	18.1	3.6	-	0.2	-	-	1,179
Narok North Constituency	16.1	2.8	52.2	3.4	18.7	3.8	0.5	0.7	1.9	11,563
Olposimoru	0.3	0.5	71.8	1.8	19.2	0.1	-	2.8	3.6	1,192
Olokurto	0.7	1.4	78.7	0.7	7.7	0.1	-	1.7	8.9	1,401
Narok Town	49.2	7.4	19.0	6.0	6.7	11.3	-	0.3	0.1	3,493
Nkareta	7.7	0.9	76.3	5.0	7.1	2.5	0.4	0.1	-	1,229
Olorropil	1.2	0.7	60.2	1.7	34.0	0.1	1.3	0.8	0.1	1,772
Melili	0.5	0.7	56.9	2.2	36.5	0.4	1.0	0.1	1.7	2,476
Narok East Constituency	5.7	1.8	57.2	5.6	17.8	7.0	1.9	1.0	2.1	6,155
Mosiro	3.6	0.7	75.1	3.0	9.3	3.6	3.4	0.5	0.8	2,166
Ildamat	0.8	0.2	39.1	1.7	52.5	0.9	0.5	-	4.3	1,087
Keekonyokie	15.2	1.4	40.8	9.5	12.3	16.0	1.2	2.6	1.0	1,564
Suswa	2.0	5.3	62.0	8.3	9.6	6.7	1.3	0.9	3.8	1,338
Narok South Constituency	1.1	1.5	84.7	3.8	5.2	1.2	0.1	0.2	2.2	12,184
Maji Moto/Naroosura	1.5	1.6	84.5	3.1	0.6	1.4	0.1	0.3	7.0	3,831
OlolulungA	2.6	3.4	76.9	3.8	9.0	3.8	0.4	0.2	-	1,832
Melelo	0.2	0.5	82.6	7.1	9.5	0.1	-	-	0.1	1,814
Loita	0.4	0.6	93.8	3.0	1.3	0.6	-	0.3	0.0	2,201
Sogoo	0.6	1.6	85.2	2.8	9.6	0.1	0.1	-	-	1,412
Sagamian	0.8	1.5	83.3	4.2	10.0	0.2	0.1	-	-	1,094
Narok West Constituency	2.2	2.6	82.2	6.6	2.6	1.1	1.0	0.2	1.5	11,150
Ilmotiok	4.7	1.9	72.8	12.0	6.2	1.1	-	0.1	1.2	2,820
Mara	1.1	3.2	85.9	6.4	2.4	0.5	0.1	0.1	0.2	2,745
Siana	2.3	4.2	83.9	4.0	0.9	2.1	1.8	0.2	0.7	3,291
Naikarra	0.4	0.5	87.2	4.1	0.8	0.2	1.9	0.3	4.7	2,294

Table 33.23: Source of Water by county, Constituency and Ward

County/Constituency/ Wards	Pond	Dam	Lake	Stream/ River	Unprotect- ed Spring	Unprotected Well	Jabia	Water vendor	Other	Unim- proved Sources	Protected Spring	Protected Well	Borehole	Piped into Dwelling	Piped	Rain Water Collec- tion	Improved Sources	Number of Individuals
Kenya	2.7	2.4	1.2	23.2	5.0	6.9	0.3	5.2	0.4	47.4	7.6	7.7	11.6	5.9	19.2	0.7	52.6	37,919,647
Rural	3.6	3.2	1.5	29.6	6.4	8.7	0.4	2.2	0.5	56.0	9.2	8.1	12.0	1.8	12.1	0.8	44.0	26,075,195
Urban	0.9	0.7	0.5	9.2	1.9	2.9	0.2	11.8	0.1	28.3	4.0	6.8	10.7	14.7	34.9	0.5	71.7	11,844,452
Narok County	9.2	5.3	0.2	48.4	9.2	3.4	0.2	3.7	0.4	79.9	6.4	2.1	5.6	0.6	4.7	0.7	20.1	839,659
Kilgoris Constituency	2.0	0.8	0.2	63.2	13.5	2.2	0.2	0.2	0.0	82.2	6.6	2.1	3.5	0.5	4.7	0.3	17.8	177,547
Kilgoris Central	1.5	0.1	0.1	62.8	14.4	0.6	0.0	0.1	0.0	79.5	9.0	2.0	2.2	0.5	6.3	0.5	20.5	41,630
Keyian	0.2	0.2	0.1	65.5	13.9	2.1	0.0	0.4	0.0	82.3	8.2	1.5	1.8	0.3	5.4	0.4	17.7	26,562
Angata Barikoi	0.1	0.6	0.1	72.7	11.1	2.5	0.0	0.1	0.0	87.1	1.4	4.1	7.0	0.1	0.1	0.1	12.9	24,803
Shankoe	0.7	0.1	0.0	49.6	16.6	3.3	0.3	0.3	0.0	70.9	10.2	1.2	1.5	1.8	14.0	0.4	29.1	27,981
Kimentet	9.1	4.6	0.9	72.6	2.0	0.1	1.0	0.0	0.0	90.4	1.8	0.5	5.3	0.4	1.4	0.2	9.6	22,436
Lolgorian	1.6	0.3	0.2	59.8	19.0	4.4	0.1	0.3	0.0	85.7	6.2	3.0	4.5	0.1	0.2	0.2	14.3	34,135
Emurua Dikirr Constit- uency	43.5	21.2	0.0	9.8	3.4	3.3	0.1	0.0	0.0	81.4	5.1	1.5	5.1	0.1	6.2	0.5	18.6	93,858
Ilkerin	50.6	22.5	0.0	13.9	1.9	6.3	0.0	0.0	0.0	95.3	0.7	1.4	1.4	0.0	0.0	1.2	4.7	26,351
Oloimasani	18.6	3.7	0.0	12.0	9.4	3.3	0.3	0.0	0.0	47.2	14.8	3.2	12.2	0.3	22.0	0.3	52.8	26,527
Mogondo	83.4	0.4	0.0	7.8	0.4	1.3	0.0	0.0	0.0	93.4	0.5	0.9	5.1	0.0	0.0	0.0	6.6	17,578
Kapsasian	33.7	55.3	0.1	4.3	0.5	1.6	0.0	0.0	0.0	95.6	2.6	0.2	1.4	0.0	0.0	0.3	4.4	23,402
Narok North Constit- uency	0.3	2.6	0.1	58.8	2.9	1.9	0.3	12.8	0.1	79.8	1.7	1.7	7.5	1.9	6.5	0.8	20.2	171,728



Olposimoru	0.1	0.7	0.0	64.4	7.6	7.0	0.0	0.0	0.0	79.8	3.9	9.9	6.3	0.0	0.0	0.1	20.2	19,878
Olokurto	0.2	0.6	0.3	76.0	4.3	0.3	0.0	0.8	0.0	82.5	0.7	1.8	14.6	0.0	0.0	0.3	17.5	21,033
Narok Town	0.0	2.4	0.0	19.7	0.1	0.7	0.2	40.5	0.4	64.1	0.3	0.4	1.9	7.2	24.7	1.3	35.9	44,573
Nkareta	1.9	3.7	0.0	68.5	0.0	0.4	0.0	16.2	0.1	90.7	0.3	0.2	7.3	0.1	0.5	0.8	9.3	20,175
Oloropil	0.0	3.4	0.1	73.3	3.4	1.0	0.2	0.2	0.0	81.7	2.2	0.8	14.5	0.1	0.0	0.7	18.3	29,384
Melili	0.0	3.9	0.0	76.7	3.9	3.2	1.2	0.9	0.0	89.9	3.2	0.4	5.5	0.0	0.0	0.9	10.1	36,685
Narok East Constituency	23.4	14.3	0.9	27.9	2.1	8.0	0.3	6.2	0.1	83.3	1.2	2.9	4.5	0.1	6.1	1.8	16.7	82,388
Mosiro	28.7	19.5	2.7	29.9	2.7	1.0	0.0	9.0	0.2	93.9	0.9	0.9	1.4	0.0	2.0	1.0	6.1	27,064
Ildamat	2.6	6.4	0.0	72.7	3.4	2.6	0.3	5.0	0.0	93.0	3.4	0.7	2.2	0.1	0.1	0.5	7.0	15,609
Keekonyokie	27.7	6.8	0.1	6.3	1.9	25.1	1.1	6.1	0.0	75.1	0.9	5.5	12.2	0.2	0.7	5.4	24.9	20,514
Suswa	28.4	21.4	0.1	11.8	0.5	3.9	0.0	3.4	0.0	69.4	0.2	4.7	2.6	0.1	22.7	0.2	30.6	19,201
Narok South Constituency	1.8	1.6	0.1	61.1	10.6	4.1	0.0	1.4	1.0	81.6	7.6	2.3	6.2	0.4	1.6	0.3	18.4	180,953
Maji Moto/Naroosura	6.3	1.7	0.0	56.4	8.3	5.9	0.0	0.1	0.1	78.7	6.3	1.7	5.5	1.0	6.7	0.0	21.3	39,385
OlolulungA	0.4	2.4	0.1	64.3	6.2	1.9	0.1	5.9	3.9	85.2	5.2	1.4	6.9	0.5	0.3	0.4	14.8	34,621
Melelo	0.3	0.0	0.0	80.5	5.1	1.1	0.0	0.5	0.9	88.6	3.2	1.6	6.2	0.0	0.0	0.4	11.4	35,032
Loita	1.7	4.6	0.4	50.9	6.7	12.2	0.0	0.5	0.1	77.0	7.3	4.8	9.5	0.3	0.8	0.2	23.0	22,601
Sogoo	0.1	0.3	0.0	50.4	29.6	1.3	0.0	0.4	0.0	82.1	13.9	2.9	0.6	0.0	0.0	0.5	17.9	28,397
Sagamian	0.9	0.9	0.1	57.3	9.8	4.2	0.1	0.5	0.0	73.8	12.6	2.6	10.5	0.0	0.0	0.4	26.2	20,917
Narok West Constituency	7.1	2.8	0.1	38.1	18.2	3.3	0.1	0.7	1.1	71.5	14.5	2.2	6.1	0.2	4.7	0.8	28.5	133,185
Ilmotiok	6.8	2.9	0.0	30.7	22.1	3.2	0.0	0.9	1.9	68.6	23.1	1.9	4.7	0.0	0.1	1.6	31.4	46,006
Mara	4.0	2.7	0.1	42.4	28.2	1.7	0.1	0.2	0.8	80.2	9.7	1.0	3.5	0.3	4.7	0.5	19.8	32,741

Siana	10.9	4.0	0.3	47.1	3.6	2.0	0.0	1.2	0.0	69.1	5.3	1.7	11.3	0.4	12.0	0.2	30.9	32,114
Naikarua	6.8	1.1	0.0	34.1	16.9	7.9	0.2	0.1	1.2	68.3	16.8	5.5	5.5	0.0	3.8	0.1	31.7	22,324

Table 33.24: Source of Water of Male headed Household by County, Constituency and Ward

County/Constituency/ Wards	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	Im- proved 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
Narok County	9.1	5.3	0.2	48.2	9.1	3.3	0.2	4.0	0.4	79.8	6.5	2.1	5.6	0.7	4.8	0.7	20.2	567,077
Kilgoris Constituency	2.1	0.9	0.2	62.8	13.7	2.2	0.2	0.2	-	82.2	6.4	2.2	3.5	0.5	4.7	0.4	17.8	122,646
Kilgoris Central	1.5	0.1	0.1	62.2	14.2	0.6	-	0.1	-	78.8	8.7	2.2	2.2	0.5	6.9	0.6	21.2	26,746
Keyian	0.1	0.2	0.1	65.3	13.9	2.1	0.0	0.4	-	82.1	8.6	1.6	1.8	0.3	5.1	0.5	17.9	18,879
Angata Bankoi	0.2	0.7	0.1	72.5	11.2	2.7	-	0.1	-	87.4	1.3	4.2	6.8	0.1	-	0.1	12.6	18,206
Shankoe	0.6	0.1	-	48.9	17.4	3.4	0.3	0.2	-	70.9	10.5	1.4	1.4	1.6	13.7	0.5	29.1	19,882
Kimentet	10.1	5.0	0.9	72.2	1.7	0.1	0.7	0.0	-	90.7	1.2	0.4	5.9	0.5	1.1	0.1	9.3	15,509
Lolgorian	1.9	0.4	0.3	59.4	19.5	4.3	0.1	0.3	-	86.2	6.1	2.9	4.1	0.1	0.2	0.3	13.8	23,424
Emurua Dikirr Constituency	43.9	21.2	0.0	9.9	3.4	3.4	0.1	0.0	0.0	81.9	5.0	1.5	5.2	0.1	5.9	0.5	18.1	68,907
Ilkerin	51.0	21.7	-	14.4	1.9	6.2	0.1	-	0.1	95.3	0.7	1.4	1.4	-	0.1	1.2	4.7	19,967

Ololmasani	17.6	3.7	0.1	12.3	9.6	3.5	0.4	0.0	-	47.2	14.9	3.1	12.5	0.3	21.7	0.3	52.8	18,803
Mogondo	84.1	0.4	-	7.0	0.5	1.2	-	0.0	-	93.2	0.7	0.9	5.2	-	-	0.0	6.8	12,969
Kapsasian	34.1	55.3	0.1	4.1	0.4	1.5	-	0.0	-	95.6	2.5	0.2	1.5	-	-	0.2	4.4	17,168
Narok North Constituency	0.3	2.5	0.1	57.5	2.7	1.9	0.4	13.9	0.1	79.4	1.7	1.9	7.3	2.0	7.1	0.8	20.6	118,923
Olposimoru	0.1	0.6	-	64.0	7.0	7.5	0.1	0.0	-	79.3	3.9	10.8	6.0	-	-	0.1	20.7	13,700
Olokurto	0.2	0.6	0.3	76.4	4.2	0.2	-	0.8	-	82.6	0.7	2.0	14.4	0.0	0.0	0.2	17.4	13,529
Narok Town	0.0	2.1	0.0	19.5	0.1	0.6	0.2	41.0	0.3	63.8	0.3	0.4	2.0	7.0	25.2	1.2	36.2	32,960
Nkareta	1.8	3.9	0.0	66.6	-	0.4	0.0	18.6	0.1	91.5	0.3	0.2	6.5	0.1	0.6	0.8	8.5	13,788
Oloropili	0.0	3.5	0.1	74.0	3.3	0.9	0.2	0.2	-	82.2	2.2	0.9	14.1	0.1	0.1	0.5	17.8	20,854
Melili	0.0	3.8	0.0	75.9	4.0	3.4	1.4	1.1	0.0	89.6	3.2	0.5	5.7	0.0	0.1	0.9	10.4	24,092
Narok East Constituency	21.5	14.1	1.0	29.7	2.0	7.9	0.4	6.7	0.1	83.4	1.4	2.7	4.6	0.1	5.9	1.9	16.6	54,031
Mosiro	26.0	19.8	2.9	31.9	2.5	1.0	0.1	10.2	0.4	94.8	1.0	0.3	1.1	0.0	1.6	1.0	5.2	16,885
Idamat	2.1	5.7	0.0	74.3	2.9	2.3	0.2	4.9	-	92.4	3.7	0.9	2.5	0.1	0.1	0.3	7.6	10,814
Keekonyokie	27.4	6.8	0.1	6.2	2.2	23.8	1.2	6.6	-	74.2	1.3	5.3	12.4	0.2	0.9	5.7	25.8	13,673
Suswa	25.9	21.5	0.1	13.9	0.5	4.8	-	3.5	-	70.2	0.2	4.6	2.7	0.0	22.1	0.2	29.8	12,659
Narok South Constituency	1.2	1.3	0.1	62.4	10.4	3.6	0.0	1.5	0.9	81.6	8.0	2.3	6.1	0.3	1.4	0.3	18.4	121,117
Maji Moto/Naroosura	4.7	1.3	-	57.8	7.0	6.2	0.0	0.1	0.1	77.1	6.9	1.7	6.5	1.2	6.5	0.0	22.9	21,965
OlolulungA	0.4	2.1	0.1	66.3	5.8	2.1	0.0	5.9	3.4	85.9	5.3	1.5	6.3	0.2	0.3	0.4	14.1	24,844
Melelo	0.3	0.0	0.1	80.8	5.2	1.0	-	0.4	1.0	88.8	3.2	1.5	6.2	-	-	0.3	11.2	25,733
Loita	0.8	4.8	0.5	50.2	6.2	12.0	-	0.5	0.1	75.1	8.2	5.3	9.3	0.5	1.2	0.4	24.9	11,851
Sogoo	0.1	0.3	0.0	50.3	29.1	1.2	0.0	0.3	-	81.4	14.6	2.8	0.6	-	-	0.5	18.6	21,247

Segamian	1.0	0.9	0.1	58.5	9.3	3.8	0.1	0.4	-	74.0	12.5	2.7	10.3	0.0	-	0.4	26.0	15,477
Narok West Constituency	6.3	2.9	0.1	36.4	19.0	3.4	0.1	0.7	0.9	69.8	15.8	2.2	6.4	0.2	4.8	0.8	30.2	81,453
Ilmotok	6.5	2.7	0.0	30.2	22.6	3.2	0.0	0.7	1.6	67.5	23.6	2.1	5.1	-	0.1	1.6	32.5	32,230
Mara	3.9	2.9	0.1	40.3	28.8	2.0	0.2	0.2	0.6	78.9	10.2	1.0	3.9	0.4	5.0	0.5	21.1	19,892
Siana	8.7	4.6	0.3	45.6	3.3	1.9	0.0	1.5	-	66.1	6.0	1.6	12.0	0.6	13.5	0.2	33.9	17,294
Naikarar	6.3	0.7	-	33.0	15.9	8.7	0.2	0.3	1.0	66.0	18.0	5.3	5.9	0.0	4.7	0.1	34.0	12,037

Table 33.25: Source of Water of Female headed Household by County, Constituency and Ward

County/Constituency/ Wards	Pond	Dam	Lake	Stream/River	Unprotected Spring	Unprotect- ed Well	Jabia	Water vendor	Other	Unim- proved Sourc- es	Pro- tected Spring	Protected Well	Bore- hole	Piped into Dwelling	Piped	Rain Water Collec- tion	Improved Sources	Number of Individuals
Kenya	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
Rural	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
Urban	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
Narok County	9.4	5.1	0.2	48.8	9.5	3.6	0.1	3.0	0.5	80.2	6.1	2.1	5.7	0.6	4.6	0.6	19.8	272,582
Kilgoris Constituency	1.7	0.6	0.2	64.0	13.2	2.1	0.3	0.2	-	82.2	6.8	1.9	3.5	0.6	4.7	0.2	17.8	54,901
Kilgoris Central	1.6	0.1	0.1	63.7	14.6	0.6	-	-	-	80.7	9.4	1.7	2.1	0.4	5.3	0.4	19.3	14,884
Keyian	0.2	0.2	-	66.0	13.8	2.2	0.1	0.4	-	82.9	7.4	1.2	1.9	0.5	6.0	0.1	17.1	7,683
Angata Barikoi	-	0.1	0.2	73.2	10.8	1.9	-	0.0	-	86.3	1.7	3.9	7.6	0.1	0.4	0.0	13.7	6,597
Shankoe	0.9	0.1	0.0	51.4	14.6	3.0	0.4	0.6	-	71.1	9.5	0.7	1.6	2.3	14.6	0.2	28.9	8,099

Kimentet	6.9	3.7	1.1	73.6	2.6	0.2	1.5	-	-	89.6	3.2	0.7	3.9	0.3	1.9	0.4	10.4	6,927
Lolgorian	1.0	0.1	0.1	60.5	18.0	4.8	0.1	0.2	-	84.7	6.4	3.3	5.3	0.0	0.1	0.1	15.3	10,711
Emurua Dikirr Constituency	42.3	21.4	0.0	9.6	3.5	3.3	0.0	-	-	80.2	5.5	1.6	5.0	0.1	7.1	0.5	19.8	24,951
Ilkern	49.3	25.1	-	12.2	1.9	6.8	-	-	-	95.2	0.9	1.5	1.2	-	-	1.2	4.8	6,384
Oloimasani	20.8	3.5	-	11.1	8.9	2.6	0.1	-	-	47.0	14.7	3.3	11.3	0.5	22.9	0.3	53.0	7,724
Mogondo	81.6	0.6	-	10.0	0.2	1.7	-	-	-	94.1	0.2	0.9	4.8	-	-	-	5.9	4,609
Kapsasian	32.7	55.1	0.0	5.0	0.9	1.8	-	-	-	95.5	2.8	-	1.2	-	-	0.5	4.5	6,234
Narok North Constituency	0.3	2.8	0.1	61.8	3.3	1.9	0.2	10.3	0.2	80.8	1.8	1.5	8.2	1.7	5.2	0.9	19.2	52,805
Oloposimoru	-	0.9	0.0	65.3	8.9	5.8	-	-	0.1	81.0	4.0	8.0	6.9	-	-	0.1	19.0	6,178
Olokurto	0.3	0.7	0.2	75.4	4.6	0.3	-	0.8	-	82.3	0.7	1.5	15.1	-	-	0.4	17.7	7,504
Narok Town	-	3.3	0.1	20.2	0.1	1.1	0.1	39.2	0.6	64.8	0.3	0.5	1.8	7.8	23.3	1.5	35.2	11,613
Nkareta	2.2	3.2	-	72.5	-	0.3	-	11.0	-	89.1	0.2	0.2	9.2	-	0.5	0.9	10.9	6,387
Oloropil	-	3.3	0.1	71.8	3.8	1.2	0.1	0.2	-	80.5	2.2	0.7	15.5	0.1	-	1.0	19.5	8,530
Melili	0.1	4.0	0.0	78.2	3.8	2.8	0.7	0.6	0.0	90.4	3.3	0.4	5.1	-	0.0	0.8	9.6	12,593
Narok East Constituency	27.1	14.7	0.8	24.6	2.3	8.1	0.3	5.4	0.0	83.3	0.8	3.2	4.4	0.1	6.5	1.7	16.7	28,357
Mosiro	33.3	19.0	2.3	26.6	3.1	0.9	-	7.1	0.0	92.4	0.6	1.7	1.9	-	2.5	0.8	7.6	10,179
Idamat	3.8	8.2	-	69.1	4.4	3.4	0.3	5.1	0.0	94.2	2.7	0.4	1.6	-	0.1	0.9	5.8	4,795
Keekonyokie	28.4	6.8	-	6.5	1.3	27.7	0.9	5.1	-	76.8	0.2	5.8	11.8	0.1	0.3	4.9	23.2	6,841
Suswa	33.2	21.2	0.0	7.6	0.4	2.3	-	3.1	-	67.9	0.3	5.0	2.6	0.1	23.9	0.3	32.1	6,542
Narok South Constituency	3.1	2.0	0.1	58.3	10.9	5.0	0.1	1.4	1.0	81.8	6.7	2.3	6.4	0.4	2.1	0.3	18.2	59,836
Maji Moto/Naroosura	8.3	2.1	0.1	54.6	9.9	5.6	0.0	0.1	0.0	80.8	5.6	1.7	4.1	0.8	7.0	0.0	19.2	17,420

OlulungaA	0.3	3.3	0.1	59.4	7.4	1.6	0.2	6.0	5.3	83.5	5.0	1.2	8.5	1.0	0.1	0.7	16.5	9,777
Melelo	0.3	-	-	79.7	4.9	1.4	-	0.9	0.8	87.9	3.2	1.8	6.4	-	-	0.7	12.1	9,299
Loita	2.8	4.3	0.2	51.6	7.2	12.5	-	0.5	-	79.0	6.4	4.3	9.8	0.1	0.3	0.1	21.0	10,750
Sogoo	0.1	0.1	-	50.8	30.9	1.5	-	0.8	-	84.2	11.8	2.9	0.5	-	-	0.6	15.8	7,150
Sagamian	0.7	1.0	0.0	54.2	11.3	5.3	0.2	0.6	-	73.3	13.0	2.2	11.1	-	-	0.4	26.7	5,440
Narok West Constituency	8.3	2.8	0.1	40.8	17.0	3.1	0.1	0.6	1.3	74.2	12.4	2.3	5.7	0.1	4.6	0.7	25.8	51,732
Ilmotiok	7.5	3.5	0.1	31.9	20.9	3.0	0.1	1.3	2.7	71.0	22.0	1.5	3.7	0.0	0.2	1.6	29.0	13,776
Mara	4.1	2.5	0.0	45.6	27.2	1.4	0.1	0.2	1.1	82.1	9.0	1.0	2.8	0.1	4.3	0.6	17.9	12,849
Siana	13.4	3.3	0.3	48.8	3.8	2.1	-	0.8	-	72.5	4.6	1.7	10.5	0.2	10.2	0.3	27.5	14,820
Naikarra	7.4	1.5	0.0	35.4	18.0	7.0	0.2	-	1.5	71.0	15.3	5.8	5.1	0.0	2.7	0.0	29.0	10,287

Table 33.26: Human Waste Disposal by County, Constituency and Ward

County/ Constituency	Main Sewer	Septic Tank	Cess Pool	VIP Latrine	Pit Latrine	Improved Sani- tation	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	11,844,452
Narok County	0.25	0.58	0.06	2.19	31.96	35.04	14.56	0.02	50.25	0.13	64.96	839,659
Kilgoris Constituency	0.37	0.25	0.13	2.85	26.36	29.95	8.08	0.04	61.77	0.16	70.05	177,547
Kilgoris Central	0.08	0.27	0.15	3.19	35.89	39.58	13.02	0.00	47.04	0.37	60.42	41,630
Keyian	0.09	0.03	0.11	4.67	19.23	24.13	6.08	0.05	69.27	0.47	75.87	26,562
Angata Barikoi	0.02	0.00	0.31	1.22	34.76	36.31	7.03	0.06	56.61	0.00	63.69	24,803
Shankoe	0.76	0.74	0.04	3.08	38.42	43.04	11.92	0.05	44.98	0.00	56.96	27,981
Kimentet	1.56	0.32	0.00	3.16	9.28	14.32	4.92	0.00	80.75	0.02	85.68	22,436

Lolgorian	0.08	0.11	0.12	1.81	15.51	17.64	3.32	0.11	78.93	0.00	82.36	34,135
Emurua Dikirr Constituency	0.13	0.04	0.02	1.06	53.87	55.11	22.07	0.01	22.79	0.02	44.89	93,858
Ilkerin	0.03	0.02	0.01	0.31	36.72	37.08	23.41	0.00	39.47	0.04	62.92	26,351
Ololmasani	0.06	0.00	0.04	0.48	70.37	70.95	24.93	0.00	4.08	0.04	29.05	26,527
Mogondo	0.09	0.03	0.00	0.47	50.99	51.58	23.34	0.00	25.09	0.00	48.42	17,578
Kapsasian	0.33	0.11	0.02	3.00	56.67	60.13	16.35	0.03	23.50	0.00	39.87	23,402
Narok North Constituency	0.31	1.97	0.04	2.78	32.15	37.24	21.41	0.03	41.22	0.09	62.76	171,728
Oposimoru	0.00	0.00	0.04	0.26	12.74	13.03	43.31	0.00	43.58	0.08	86.97	19,878
Olokuro	0.03	0.06	0.05	0.29	17.55	18.00	14.45	0.03	67.52	0.00	82.00	21,033
Narok Town	1.09	7.46	0.07	5.11	44.04	57.76	23.95	0.06	18.22	0.00	42.24	44,573
Nkarela	0.00	0.23	0.00	2.01	26.95	29.20	7.88	0.03	62.80	0.09	70.80	20,175
Oloropil	0.05	0.00	0.05	4.07	30.18	34.36	31.39	0.02	34.20	0.02	65.64	29,384
Melili	0.06	0.00	0.01	2.11	41.02	43.21	9.88	0.02	46.56	0.33	56.79	36,685
Narok East Constituency	0.01	0.19	0.05	2.97	33.52	36.73	12.74	0.02	50.27	0.23	63.27	82,388
Mosiro	0.01	0.02	0.04	3.37	21.45	24.89	7.57	0.04	67.21	0.29	75.11	27,064
Ildamat	0.00	0.03	0.00	2.51	37.97	40.50	16.10	0.00	43.37	0.03	59.50	15,609
Keekonyokie	0.00	0.70	0.09	3.78	38.51	43.07	21.29	0.04	35.54	0.06	56.93	20,514
Suswa	0.03	0.01	0.06	1.92	41.58	43.59	8.17	0.00	47.76	0.48	56.41	19,201
Narok South Constituency	0.12	0.19	0.02	1.61	31.59	33.52	15.05	0.01	51.28	0.13	66.48	180,953
Maji Moto/Naroosura	0.00	0.06	0.01	0.74	7.16	7.97	2.67	0.00	89.28	0.09	92.03	39,385
OlulungA	0.01	0.69	0.02	2.68	33.29	36.69	15.99	0.00	46.99	0.32	63.31	34,621
Melelo	0.58	0.03	0.00	0.64	31.54	32.78	28.33	0.02	38.83	0.04	67.22	35,032
Loita	0.00	0.28	0.01	0.36	5.28	5.94	1.07	0.04	92.87	0.08	94.06	22,601
Sogoo	0.02	0.00	0.01	2.30	59.79	62.11	19.94	0.00	17.76	0.20	37.89	28,397
Sagamian	0.00	0.01	0.11	3.50	65.02	68.64	23.05	0.01	8.29	0.00	31.36	20,917
Narok West Constituency	0.43	0.41	0.09	1.64	23.26	25.82	9.55	0.03	64.48	0.13	74.18	133,185
Ilmotlok	0.11	0.01	0.07	1.72	45.33	47.23	18.75	0.00	33.87	0.14	52.77	46,006
Mara	0.56	0.40	0.03	1.11	22.07	24.17	10.94	0.02	64.84	0.03	75.83	32,741
Siana	1.04	1.27	0.25	2.52	7.46	12.54	0.72	0.02	86.65	0.08	87.46	32,114
Naikarria	0.00	0.00	0.00	0.98	2.25	3.23	1.23	0.09	96.14	0.31	96.77	22,324

**Table 33.27: Human Waste Disposal in Male Headed household by County, Constituency and Ward**

County/ Constituency/ wards	Main Sewer	Septic Tank	Cess Pool	VIP Latrine	Pit Latrine	Improved Sanitation	Pit Latrine Uncovered	Bucket	Bush	Other	Unimproved Sanitation	Number of HH Memmbers
<b>Kenya</b>	<b>6.30</b>	<b>2.98</b>	<b>0.29</b>	<b>4.60</b>	<b>47.65</b>	<b>61.81</b>	<b>20.65</b>	<b>0.28</b>	<b>17.12</b>	<b>0.14</b>	<b>38.19</b>	<b>26,755,066</b>
<b>Rural</b>	<b>0.15</b>	<b>0.40</b>	<b>0.08</b>	<b>3.97</b>	<b>49.08</b>	<b>53.68</b>	<b>22.22</b>	<b>0.07</b>	<b>23.91</b>	<b>0.12</b>	<b>46.32</b>	<b>18,016,471</b>
<b>Urban</b>	<b>18.98</b>	<b>8.29</b>	<b>0.73</b>	<b>5.89</b>	<b>44.69</b>	<b>78.58</b>	<b>17.41</b>	<b>0.70</b>	<b>3.13</b>	<b>0.18</b>	<b>21.42</b>	<b>8,738,595</b>
Narok County	0.27	0.63	0.06	2.27	33.96	37.20	15.59	0.03	47.05	0.12	62.80	567,077
Kilgoris Constituency	0.39	0.28	0.10	2.85	26.42	30.04	8.25	0.05	61.49	0.16	69.96	122,646
Kilgoris Central	0.12	0.30	0.14	3.09	35.06	38.72	13.16	0.00	47.66	0.46	61.28	26,746
Keyian	0.07	0.00	0.05	4.33	19.23	23.68	6.41	0.03	69.50	0.38	76.32	18,879
Angata Barikoi	0.02	0.00	0.23	1.10	35.11	36.47	7.34	0.08	56.12	0.00	63.53	18,206
Shankoe	0.46	0.79	0.03	3.14	38.54	42.97	11.65	0.08	45.30	0.01	57.03	19,882
Kimentet	1.99	0.39	0.00	3.51	10.36	16.24	5.89	0.00	77.86	0.01	83.76	15,509
Lolgorian	0.12	0.17	0.14	2.06	15.92	18.41	3.53	0.13	77.93	0.00	81.59	23,424
Emurua Dikirr Constituency	0.15	0.04	0.01	0.96	54.09	55.25	22.37	0.01	22.35	0.02	44.75	68,907
Ilkerin	0.04	0.00	0.01	0.25	36.95	37.25	23.38	0.00	39.36	0.02	62.75	19,967
Ololmasani	0.09	0.00	0.00	0.49	70.06	70.64	25.74	0.00	3.56	0.06	29.36	18,803
Mogondo	0.06	0.04	0.00	0.52	52.98	53.60	23.49	0.00	22.91	0.00	46.40	12,969
Kapsasian	0.42	0.13	0.02	2.62	57.38	60.57	16.66	0.03	22.73	0.00	39.43	17,168
Narok North Constituency	0.29	1.98	0.05	2.87	33.35	38.55	22.20	0.04	39.13	0.09	61.45	118,923
Olposimoru	0.00	0.00	0.05	0.29	12.91	13.25	45.49	0.00	41.23	0.03	86.75	13,700
Olokurto	0.05	0.03	0.08	0.36	17.92	18.44	15.31	0.04	66.21	0.00	81.56	13,529
Narok Town	0.96	7.04	0.08	4.86	44.46	57.39	24.83	0.05	17.72	0.00	42.61	32,960
Nkareta	0.00	0.25	0.01	2.00	29.12	31.38	8.26	0.04	60.18	0.14	68.62	13,788
Oloropil	0.05	0.00	0.05	4.46	31.04	35.60	30.33	0.03	34.00	0.03	64.40	20,854
Melili	0.04	0.00	0.02	2.15	42.87	45.08	10.19	0.02	44.39	0.32	54.92	24,092
Narok East Constituency	0.02	0.25	0.05	3.19	35.20	38.72	13.68	0.02	47.37	0.22	61.28	54,031
Mosiro	0.02	0.03	0.04	3.93	23.46	27.49	8.66	0.05	63.62	0.17	72.51	16,885
Ildamat	0.00	0.00	0.00	2.77	40.14	42.92	17.82	0.00	39.25	0.02	57.08	10,814
Keekonyokie	0.00	0.94	0.07	4.03	39.55	44.60	20.93	0.00	34.37	0.10	55.40	13,673
Suswa	0.05	0.00	0.09	1.67	41.95	43.75	8.99	0.00	46.67	0.59	56.25	12,659
Narok South Constituency	0.10	0.20	0.03	1.67	34.79	36.78	16.79	0.01	46.27	0.14	63.22	121,117
Maji Moto/Naroosura	0.00	0.07	0.01	0.79	8.35	9.22	3.09	0.00	87.60	0.10	90.78	21,965
OlolulungA	0.00	0.67	0.03	2.53	34.93	38.16	16.79	0.00	44.68	0.37	61.84	24,844
Melelo	0.44	0.04	0.00	0.65	31.21	32.33	29.21	0.02	38.41	0.03	67.67	25,733
Loita	0.00	0.43	0.00	0.36	6.80	7.59	1.11	0.03	91.16	0.11	92.41	11,851
Sogoo	0.02	0.00	0.00	2.28	60.06	62.36	19.88	0.00	17.61	0.16	37.64	21,247
Sagamian	0.00	0.02	0.14	3.41	64.77	68.34	23.39	0.02	8.25	0.00	31.66	15,477
Narok West Constituency	0.59	0.60	0.11	1.93	27.16	30.39	10.75	0.04	58.71	0.12	69.61	81,453
Ilmotiok	0.13	0.00	0.05	1.87	46.17	48.22	18.52	0.00	33.15	0.11	51.78	32,230
Mara	0.80	0.58	0.01	1.11	26.03	28.52	12.31	0.04	59.08	0.05	71.48	19,892
Siana	1.63	2.14	0.40	3.63	9.59	17.39	0.65	0.02	81.79	0.15	82.61	17,294
Naikarra	0.00	0.00	0.00	1.04	3.36	4.40	1.86	0.17	93.34	0.22	95.60	12,037



Table 33.28: Human Waste Disposal in Female Headed Household by County, Constituency and Ward

County/ Constituency	Main Sewer	Septic Tank	Cess Pool	VIP Latrine	Pit Latrine	Im-proved Sanita-tion	Pit Latrine Uncov-ered	Bucket	Bush	Other	Unim-proved Sanita-tion	Number of HH Memmbers
<b>Kenya</b>	<b>5.0</b>	<b>2.2</b>	<b>0.2</b>	<b>4.5</b>	<b>47.6</b>	<b>59.5</b>	<b>21.4</b>	<b>0.3</b>	<b>18.7</b>	<b>0.2</b>	<b>40.5</b>	<b>11,164,581.0</b>
<b>Rural</b>	<b>0.1</b>	<b>0.3</b>	<b>0.1</b>	<b>4.0</b>	<b>48.5</b>	<b>53.0</b>	<b>22.6</b>	<b>0.1</b>	<b>24.2</b>	<b>0.1</b>	<b>47.0</b>	<b>8,058,724.0</b>
<b>Urban</b>	<b>17.6</b>	<b>7.2</b>	<b>0.6</b>	<b>5.9</b>	<b>45.1</b>	<b>76.4</b>	<b>18.4</b>	<b>0.7</b>	<b>4.3</b>	<b>0.2</b>	<b>23.6</b>	<b>3,105,857.0</b>
Narok	0.2	0.5	0.1	2.0	27.8	30.5	12.4	0.0	56.9	0.1	69.5	272,582.0
Kilgoris	0.3	0.2	0.2	2.8	26.2	29.7	7.7	0.0	62.4	0.2	70.3	54,901.0
Kilgoris Central	0.0	0.2	0.2	3.4	37.4	41.1	12.8	0.0	45.9	0.2	58.9	14,884.0
Keyian	0.1	0.1	0.3	5.5	19.2	25.2	5.3	0.1	68.7	0.7	74.8	7,683.0
Angata Barikoi	0.0	0.0	0.5	1.5	33.8	35.9	6.2	0.0	58.0	0.0	64.1	6,597.0
Shankoe	1.5	0.6	0.1	2.9	38.1	43.2	12.6	0.0	44.2	0.0	56.8	8,099.0
Kimentet	0.6	0.2	0.0	2.4	6.9	10.0	2.7	0.0	87.2	0.0	90.0	6,927.0
Lolgorian	0.0	0.0	0.1	1.3	14.6	16.0	2.8	0.1	81.1	0.0	84.0	10,711.0
Emurua Dikirr	0.1	0.0	0.0	1.3	53.3	54.7	21.2	0.0	24.0	0.0	45.3	24,951.0
Ilkerin	0.0	0.1	0.0	0.5	36.0	36.6	23.5	0.0	39.8	0.1	63.4	6,384.0
Ololmasani	0.0	0.0	0.1	0.4	71.1	71.7	23.0	0.0	5.3	0.0	28.3	7,724.0
Mogondo	0.2	0.0	0.0	0.3	45.4	45.9	22.9	0.0	31.2	0.0	54.1	4,609.0
Kapsasian	0.1	0.0	0.0	4.1	54.7	58.9	15.5	0.0	25.6	0.0	41.1	6,234.0
Narok North	0.4	1.9	0.0	2.6	29.4	34.3	19.6	0.0	45.9	0.1	65.7	52,805.0
Olposimoru	0.0	0.0	0.0	0.2	12.4	12.5	38.5	0.0	48.8	0.2	87.5	6,178.0
Olokurto	0.0	0.1	0.0	0.2	16.9	17.2	12.9	0.0	69.9	0.0	82.8	7,504.0
Narok Town	1.5	8.6	0.1	5.8	42.8	58.8	21.5	0.1	19.7	0.0	41.2	11,613.0
Nkareta	0.0	0.2	0.0	2.0	22.3	24.5	7.1	0.0	68.5	0.0	75.5	6,387.0
Oloropil	0.0	0.0	0.1	3.1	28.1	31.3	34.0	0.0	34.7	0.0	68.7	8,530.0
Melili	0.1	0.0	0.0	2.0	37.5	39.6	9.3	0.0	50.7	0.3	60.4	12,593.0
Narok East	0.0	0.1	0.0	2.5	30.3	33.0	11.0	0.0	55.8	0.2	67.0	28,357.0
Mosiro	0.0	0.0	0.0	2.4	18.1	20.6	5.7	0.0	73.2	0.5	79.4	10,179.0
Ildamat	0.0	0.1	0.0	1.9	33.1	35.1	12.2	0.0	52.7	0.0	64.9	4,795.0
Keekonyokie	0.0	0.2	0.1	3.3	36.4	40.0	22.0	0.1	37.9	0.0	60.0	6,841.0
Suswa	0.0	0.0	0.0	2.4	40.9	43.3	6.6	0.0	49.9	0.3	56.7	6,542.0
Narok South	0.2	0.2	0.0	1.5	25.1	26.9	11.5	0.0	61.4	0.1	73.1	59,836.0
Maji Moto/Naroosura	0.0	0.1	0.0	0.7	5.6	6.4	2.1	0.0	91.4	0.1	93.6	17,420.0
OlolulungA	0.0	0.7	0.0	3.1	29.1	33.0	14.0	0.0	52.9	0.2	67.0	9,777.0
Melelo	1.0	0.0	0.0	0.6	32.5	34.0	25.9	0.0	40.0	0.1	66.0	9,299.0
Loita	0.0	0.1	0.0	0.4	3.6	4.1	1.0	0.1	94.8	0.0	95.9	10,750.0
Sogoo	0.0	0.0	0.0	2.3	59.0	61.4	20.1	0.0	18.2	0.3	38.6	7,150.0
Sagamian	0.0	0.0	0.0	3.8	65.7	69.5	22.1	0.0	8.4	0.0	30.5	5,440.0
Narok West	0.2	0.1	0.1	1.2	17.1	18.6	7.7	0.0	73.6	0.1	81.4	51,732.0
Ilmotiok	0.1	0.0	0.1	1.4	43.4	44.9	19.3	0.0	35.6	0.2	55.1	13,776.0
Mara	0.2	0.1	0.1	1.1	16.0	17.4	8.8	0.0	73.8	0.0	82.6	12,849.0
Siana	0.4	0.2	0.1	1.2	5.0	6.9	0.8	0.0	92.3	0.0	93.1	14,820.0
Naikarra	0.0	0.0	0.0	0.9	0.9	1.9	0.5	0.0	97.2	0.4	98.1	10,287.0



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