

Exploring Kenya's Inequality

Pulling Apart or Pooling Together?

Meru County



Published by



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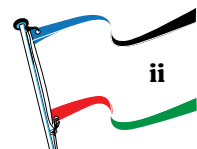
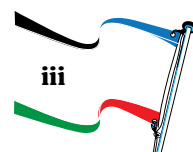


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Foreword

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.

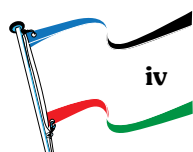
KNBS and SID in this publication go further to present monetary measures of inequality such as expenditure patterns of groups and non-money metric measures of inequality in important livelihood parameters like employment, education, energy, housing, water and sanitation to show the levels of vulnerability 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)
Regional Director

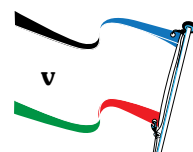


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Stefano Prato
Managing Director,
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Striking Features on Intra-County Inequality in Kenya

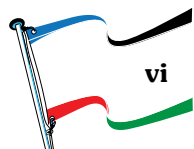
Inequalities within counties in all the variables are extreme. In many cases, Kenyans living within a single county have completely different lifestyles and access to services.

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

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

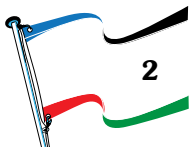
According to the 2005 report on the World Social Situation, sustained poverty reduction cannot be achieved unless equality of opportunity and access to basic services is ensured. Reducing inequality must therefore be explicitly incorporated in policies and programmes aimed at poverty reduction. In addition, 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

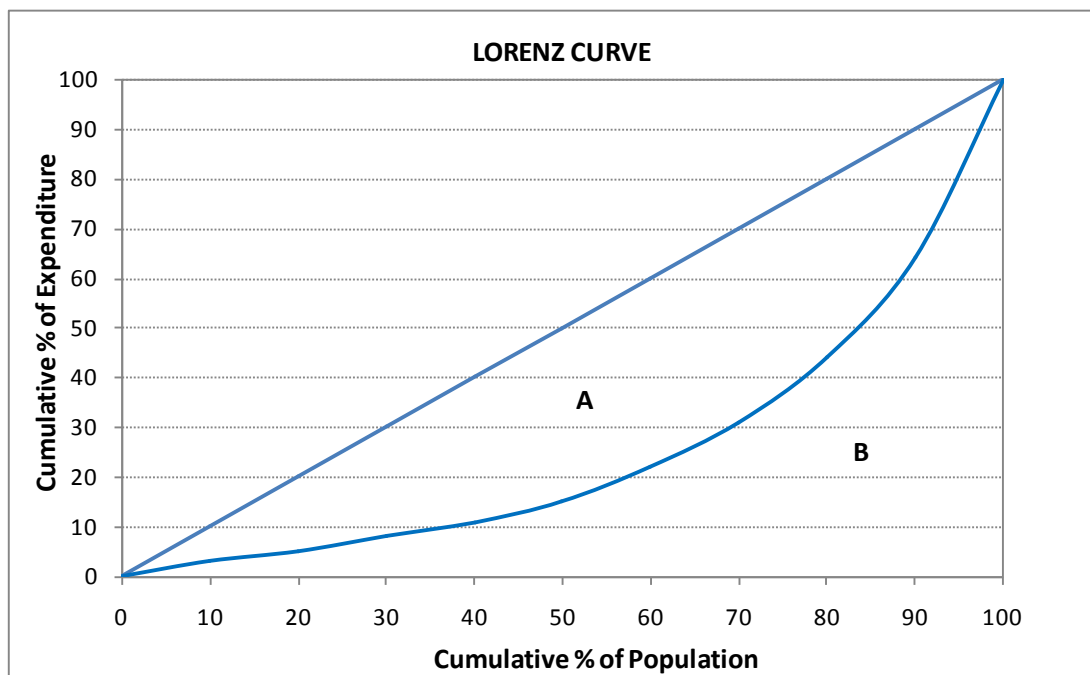
This is the most commonly used measure of inequality. The coefficient varies between '0', which reflects complete equality and '1' which indicates complete inequality. Graphically, the Gini coefficient can be



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:

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

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.

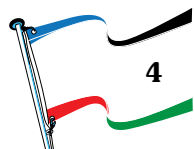
The sample in the 2005/06 KIHBS, which was a representative subset of the population, collected detailed information regarding consumption expenditures. The survey gives poverty estimate of urban and rural poverty at the national level, the provincial level and, albeit with less precision, at the district 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 equivalent¹ 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.

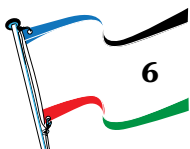
Spatial Dimensions

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

¹This 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



their families, or to accumulate savings to protect their households from the vicissitudes of the economy. 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)

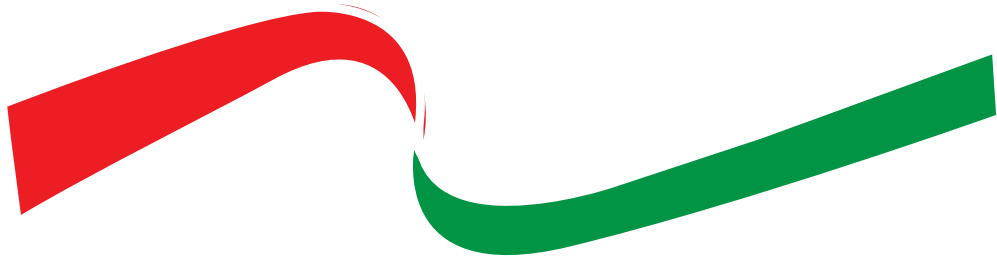
Housing conditions are an indicator of the degree to which people live in humane conditions. Materials used in the construction of the floor, roof and wall materials of a dwelling unit are also indicative of the extent to which they protect occupants from the elements and other environmental hazards. 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.

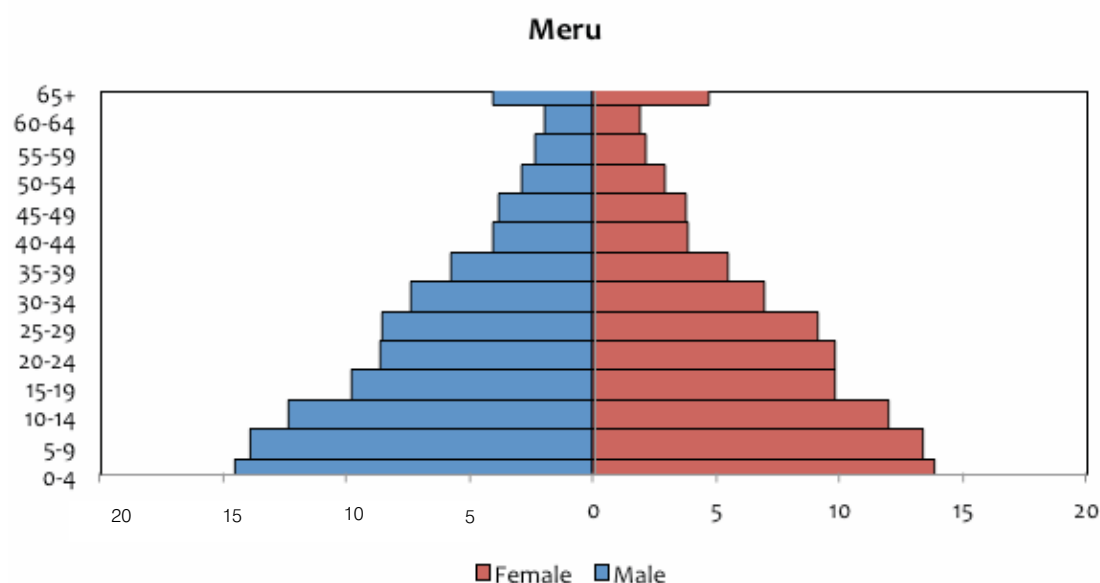


Meru County



MERU COUNTY

Figure 26.1: Meru Population Pyramid



Population

Meru County is at the beginning of a transition from a child rich population structure where those aged between 0-14 at 40% are at the onset of a decline while those aged between 15-34 years old, who constitute 35% of the total population are beginning to increase. This is also evidenced by the fact that the percentage household size of 0-3 members is 41.5% and 4-6 household size members is 42.2%

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 26.3 up to ward level.

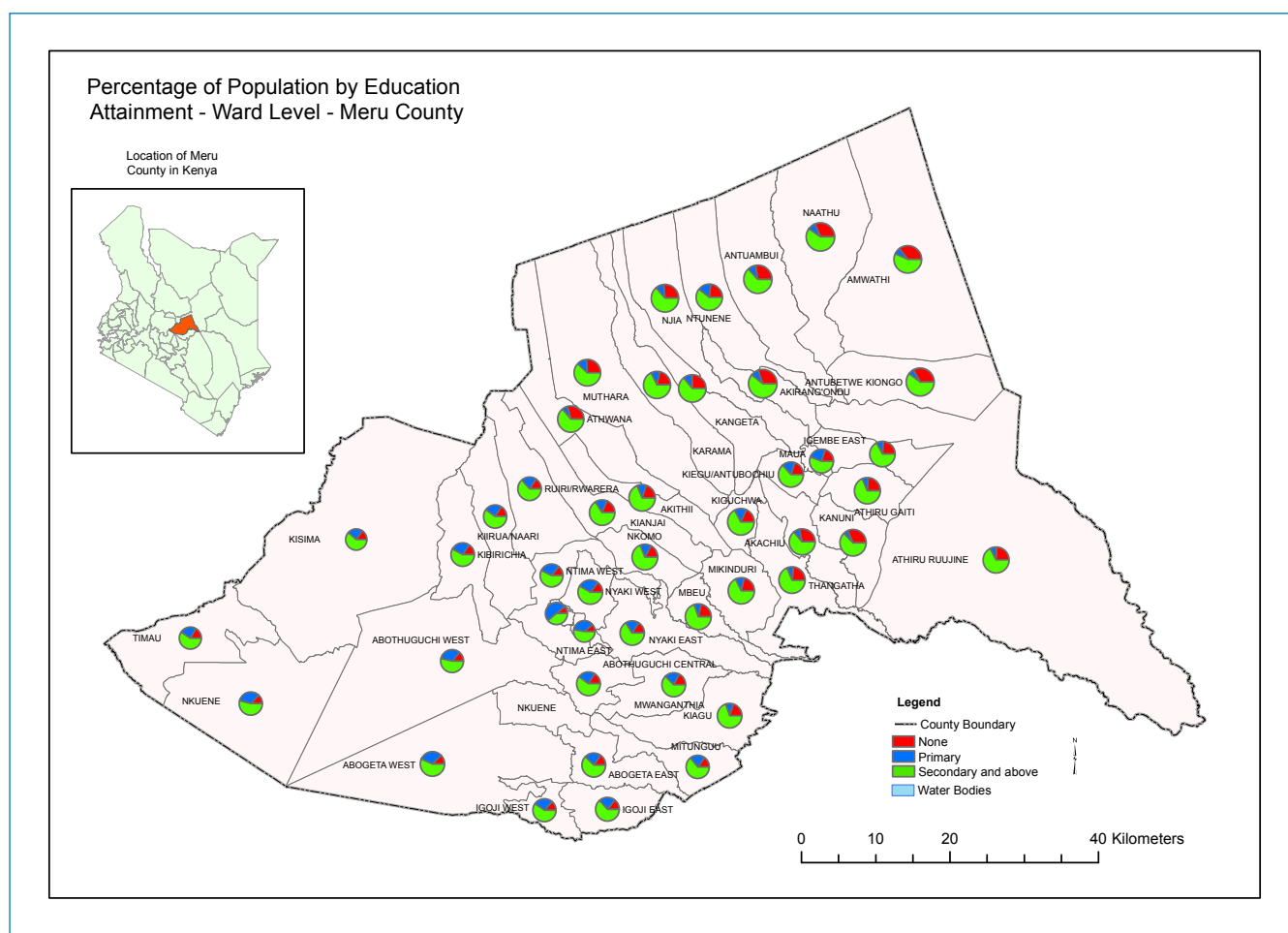
Table 26.3: Overall Employment by Education Levels in Meru County

Education Level	Work for pay	Family Business	Family Agricultural Holding	Intern/ Volunteer	Retired/ Home-maker	Fulltime Student	Incapacitated	No work	Number of Individuals
Total	19.7	15.0	41.5	1.0	7.8	10.2	0.4	4.6	743,359
None	14.9	15.6	48.6	1.8	12.1	0.2	1.3	5.5	91,913
Primary	17.5	15.3	45.8	0.8	8.1	8.0	0.3	4.2	446,438
Secondary+	26.5	13.9	29.0	1.0	5.0	19.4	0.2	5.0	205,008

In Meru County, 15% of the residents with no formal education, 18% of those with a primary education and 27% for 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 Meru for those with a secondary level of education or above.

Education

Figure 26.3: Meru County-Percentage of Population by Education Attainment by Ward



Only 18% of Meru County residents have secondary level of education or above. North Imenti constituency has the highest share of residents with a secondary level of education or above at 31%. This is three times Igembe North constituency, which has the lowest share of residents with a secondary level of education or above. North Imenti constituency is 13 percentage points above the county average. Municipality ward has the highest share of residents with a secondary level of education or above at 50% each. This is eight times Kanuni ward, which has the lowest share of residents with a secondary level of education or above. Municipality ward is 32 percentage points above the county average.

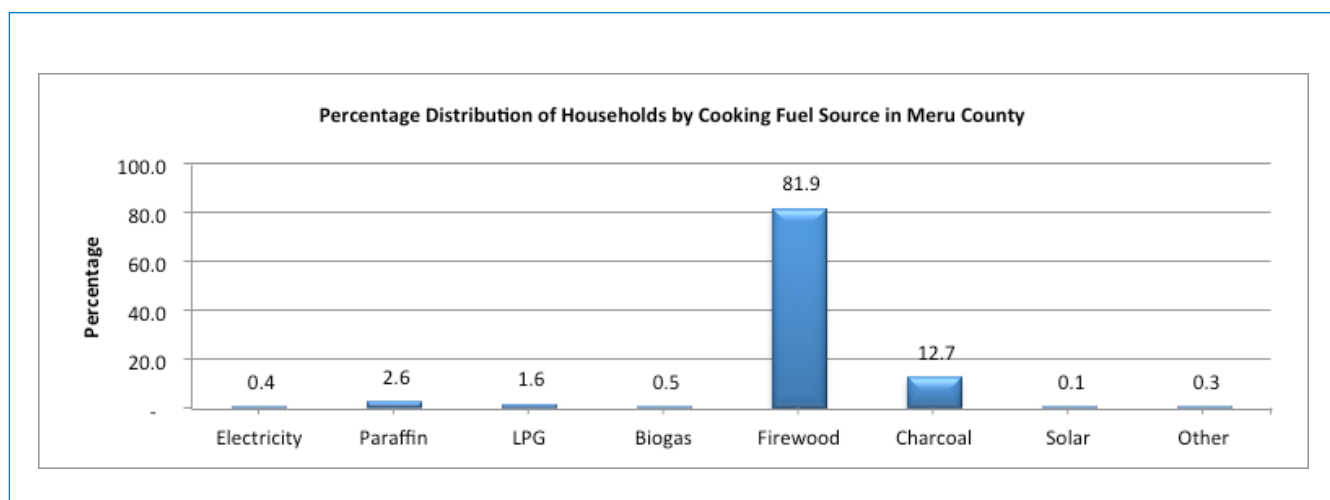
A total of 62% of Meru County residents have a primary level of education only. Tigania West constituency has the highest share of residents with a primary level of education only at 68%. This is 13 percentage points above North Imenti constituency, which has the lowest share of residents with a primary level of education only. Tigania West constituency is 6 percentage points above the county average. Two wards, Mbeu and Kiagu, have the highest share of residents with a primary level of education only at 70% each. This is almost twice Municipality ward, which has the lowest share of residents with a primary level of education only. Mbeu and Kiagu wards are 8 percentage points above the county average.

A total of 21% of Meru County residents have no formal education. Igembe North constituency has the highest share of residents with no formal education at 31%. This is twice North Imenti constituency, which has the lowest share of residents with no formal education. Igembe North constituency is 10 percentage points above the county average. Amwathi ward has the highest percentage of residents with no formal education at 36%. This is three times Municipality ward, which has the lowest percentage of residents with no formal education. Amwathi ward is 15 percentage points above the county average.

Energy

Cooking Fuel

Figure 26.4: Percentage Distribution of Households by Source of Cooking Fuel in Meru County



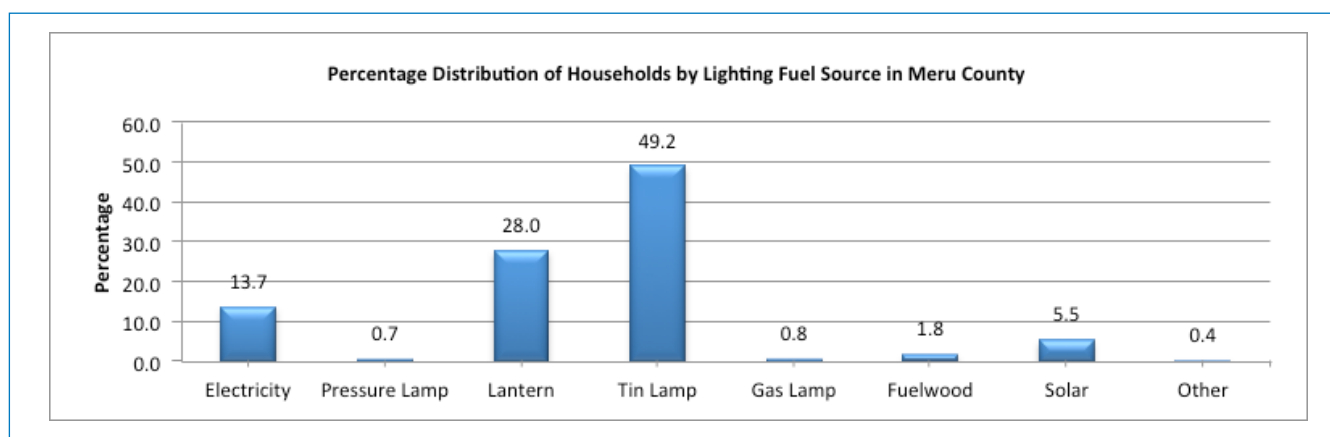
Only 2% of residents in Meru County use liquefied petroleum gas (LPG), and 3% use paraffin. 82% use firewood and 13% use charcoal. Firewood is the most common cooking fuel by gender with 83% of male headed households and 80% in female headed households use it.

Tigania West constituency has the highest level of firewood use in Meru County at 94%. This is 34 percentage points above North Imenti constituency, which has the lowest share at 60%. Tigania West constituency is about 12 percentage points above the county average. Two wards, Kiagu and Thangatha, have the highest level of firewood use in Meru County at 97% each. This is five times Municipality ward, which has the lowest share at 19%. Kiagu and Thangatha are 15 percentage points above the county average.

North Imenti constituency has the highest level of charcoal use in Meru County at 24%. This is six times Tigania West constituency, which has the lowest share at 4%. North Imenti is about 11 percentage points above the county average. Ntima East ward has the highest level of charcoal use in Meru County at 47%. This is 24 times Kiagu ward, which has the lowest share at 2%. Ntima East is 34 percentage points above the county average.

Lighting

Figure 26.5: Percentage Distribution of Households by Source of Lighting Fuel in Meru County



Only 14% of residents in Meru County use electricity as their main source of lighting. A further 28% use lanterns, and 49% use tin lamps. 2% use fuel wood. Electricity use is insignificantly higher in female headed households at 14% as compared with male headed households at 13%.

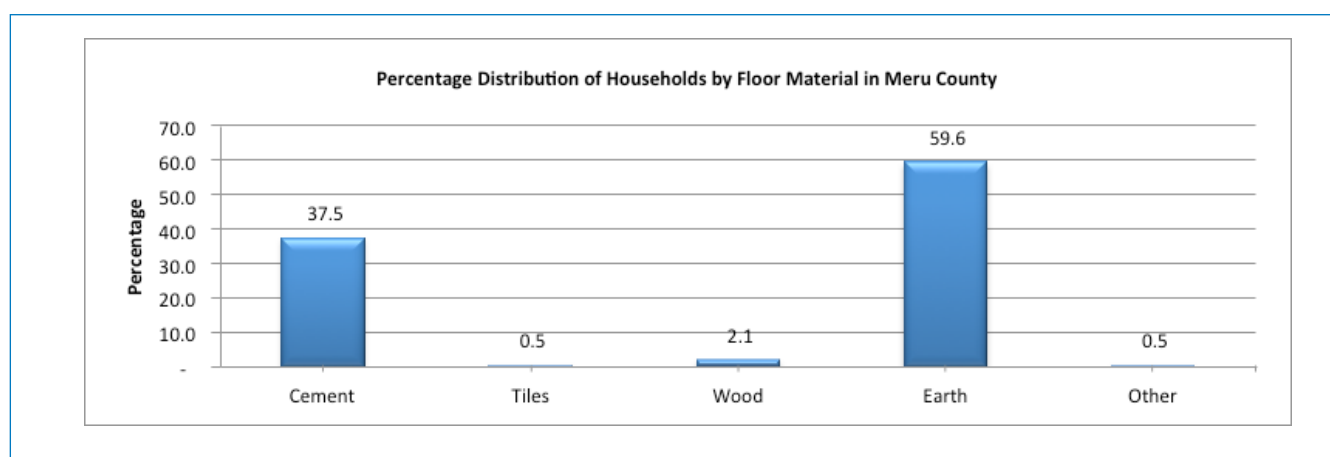
North Imenti constituency has the highest level of electricity use at 39%. That is almost 10 times above Tigania East and Tigania West constituencies that have the lowest level of electricity use. North Imenti constituency is 25 percentage points above the county average. Municipality ward has the highest level of electricity use at 79%. That is 78 percentage points above Thangatha ward, which has the lowest level of electricity use. Municipality ward is 65 percentage points above the county average.

Housing

Flooring

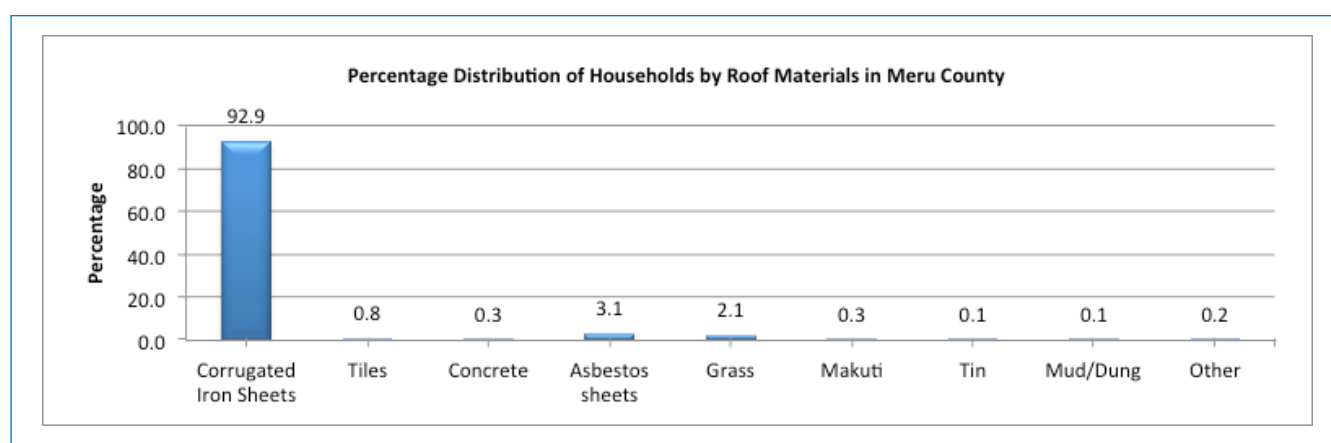
In Meru County, 38% of residents have homes with cement floors, while 60% have earth floors. 2% have wood and just 1% has tile floors. North Imenti constituency has the highest share of cement floors at 63%. That is three times Tigania East and Tigania West constituencies, which have the lowest share of cement floors. North Imenti constituency at 25 percentage points above the county average. Municipality ward has the highest share of cement floors at 87%. That is almost 11 times Athwana ward, which has the lowest share of cement floors. Municipality ward 49 percentage points above the county average.

Figure 26.6: Percentage Distribution of Households by Floor Material in Meru County



Roofing

Figure 26.7: Percentage Distribution of Households by Roof Material in Meru County



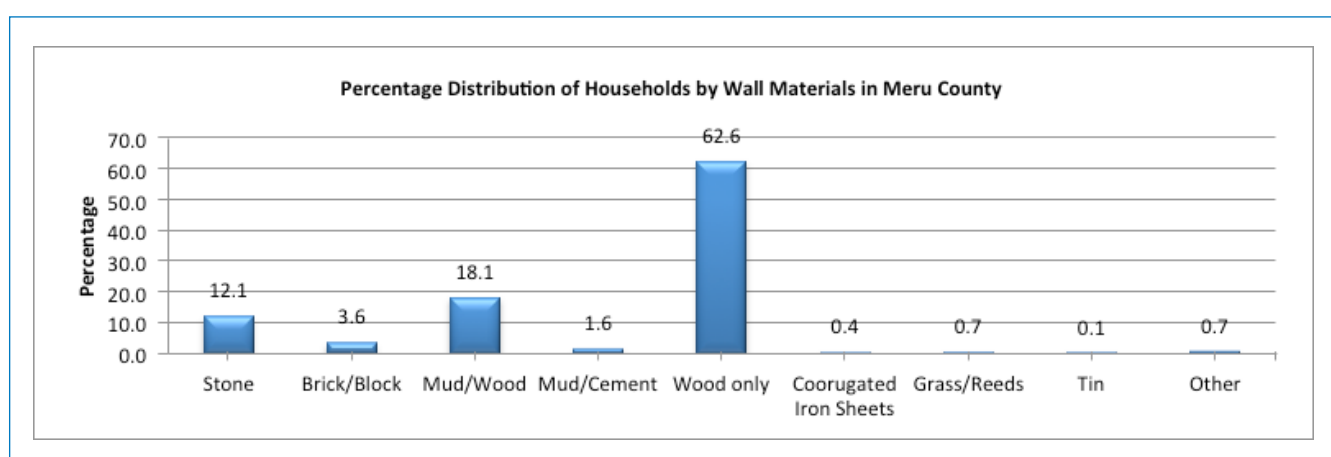
In Meru County, less than 1% of residents have homes with concrete roofs, while 93% have corrugated iron roofs. Grass and makuti roofs constitute 2% of homes, and less than 1% has mud/dung roofs.

Central Imenti constituency has the highest share of corrugated iron sheet roofs at 97%. That is 8 percentage points above Tigania East constituency that has the lowest share of corrugated iron sheet roofs. Central Imenti constituency is 4 percentage points above the county average. Two wards, Abothuguchi Central and Abogeta West, have the highest share of corrugated iron sheet roofs at 99% each. That is 15 percentage points above Antubetwe Kiongo ward, which has the lowest share of corrugated iron sheet roofs. Abothuguchi Central and Abogeta West are 6 percentage points above the county average.

Tigania East constituency has the highest share of grass/makuti roofs at 7%. That is 7 percentage points above North Imenti constituency, which has the lowest share of grass/makuti roofs. Tigania East is 5 percentage points above the county average. Thangatha ward has the highest share of grass/makuti roofs at 10%. This is 9 percentage points above Ntima West ward, which has the lowest share. Thangatha ward is 8 percentage points above the county average.

Walls

Figure 26.8: Percentage Distribution of Households by Wall Material in Meru County



In Meru County, 16% of homes have either brick or stone walls. 20% of homes have mud/wood or mud/cement walls. 63% have wood walls. Less than 1% has corrugated iron walls. 1% has grass/thatched walls. 1% has tin or other walls.

North Imenti constituency has the highest share of brick/stone walls at 32%. That is four times Igembe Central constituency, which has the lowest share of brick/stone walls. North Imenti constituency is 16 percentage points above the county average. Municipality ward has the highest share of brick/stone walls at 53%. That is 18 times Akachiu ward, which has the lowest share of brick/stone walls. Municipality ward is 37 percentage points above the county average.

Tigania East constituency has the highest share of mud with wood/cement walls at 35%. That is five times North Imenti constituency, which has the lowest share of mud with wood/cement. Tigania East constituency is 15 percentage points above the county average. Athwana ward has the highest share of mud with wood/cement walls at 57%. That is 19 times Abothuguchi West ward, which has the lowest share of mud with wood/cement walls. Athwana ward is 37 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 Meru County, 59% of residents use improved sources of water, with the rest relying on unimproved sources. There is no gender differential in use of improved sources between both male and female headed households at 59% each.

South Imenti constituency has the highest share of residents using improved sources of water at 82%. That is almost twice Tigania East constituency, which has the lowest share using improved sources of water. South Imenti constituency is 23 percentage points above the county average. Abothuguchi West ward has the highest share of residents using improved sources of water at 98%. That is almost 10 times Antubetwe Kiongo ward, which has the lowest share using improved sources of water. Abothuguchi West ward is 39 percentage points above the county average.

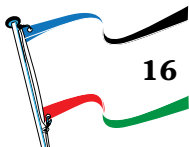
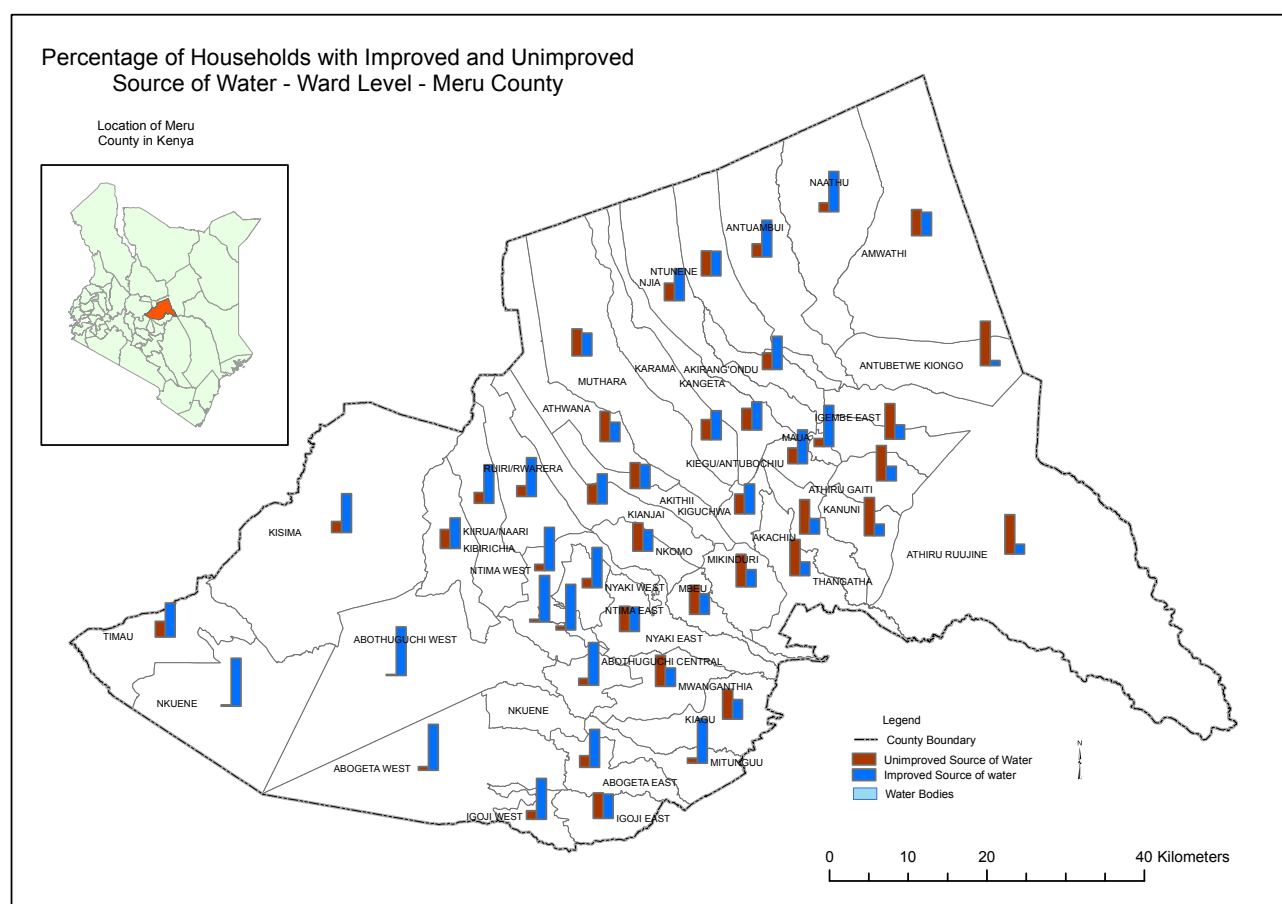


Figure 26.9: Meru County-Percentage of Households with Improved and Unimproved Sources of Water by Ward

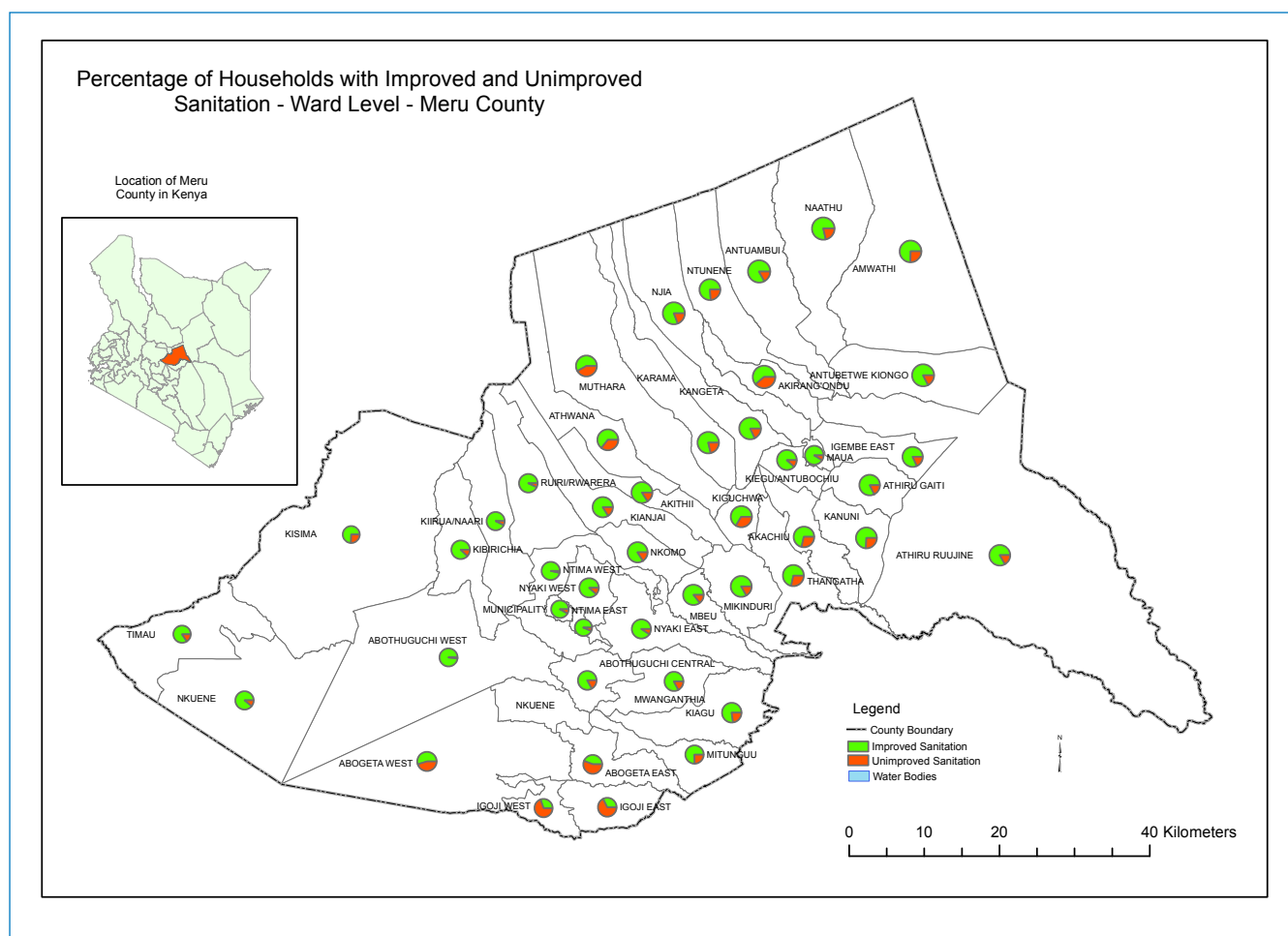


Sanitation

A total of 78% of residents in Meru County use improved sanitation, while the rest use unimproved sanitation. Use of improved sanitation is slightly higher in male headed households at 79% compared with female headed households at 77%.

North Imenti constituency has the highest share of residents using improved sanitation at 92%. That is 35 percentage points above South Imenti constituency, which has the lowest share using improved sanitation. North Imenti constituency is 14 percentage points above the county average. Abothuguchi West ward has the highest share of residents using improved sanitation at 99%. That is three times Igoji West ward, which has the lowest share using improved sanitation. Abothuguchi West is 21 percentage points above the county average.

Figure 26.10: Meru County –Percentage of Households with Improved and Unimproved Sanitation by Ward



Meru County Annex Tables

26. MERU

Table 26.1: 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 de- pendancy 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		
Meru County	1,337,483	659,836	677,647	229,922	535,170	272,912	469,939	743,359	58,954	0.974	0.799	0.720	0.079	41.5	42.2	16.4	311,265		
Igembe South Constituency	132,215	65,587	66,628	24,427	55,811	27,879	48,932	72,039	4,365	0.984	0.835	0.775	0.061	38.8	42.7	18.5	29729		
Maua	21,138	10,255	10,883	3,570	7,973	4,121	8,923	12,678	487	0.942	0.667	0.629	0.038	50.5	34.8	14.7	5418		
Kiegu/Antubochiu	32,176	15,738	16,438	5,396	12,984	6,953	12,246	18,120	1,072	0.957	0.776	0.717	0.059	39.1	43.8	17.0	7382		
Athiru Gaiti	26,641	13,454	13,187	5,065	11,591	5,732	9,710	14,192	858	1.020	0.877	0.817	0.060	35.0	44.3	20.7	5718		
Akachiu	26,593	13,238	13,355	5,077	11,767	5,746	9,138	13,828	998	0.991	0.923	0.851	0.072	34.4	46.2	19.4	5725		
Kanuni	25,667	12,902	12,765	5,319	11,496	5,327	8,915	13,221	950	1.011	0.941	0.870	0.072	35.2	43.7	21.1	5486		
Igembe Central Constituency	191,762	94,870	96,892	37,342	85,478	42,575	67,770	99,775	6,509	0.979	0.922	0.857	0.065	31.5	42.9	25.6	38395		
Akirangodu	31,300	15,269	16,031	6,016	14,512	7,513	10,790	15,719	1,069	0.952	0.991	0.923	0.068	22.6	43.7	33.8	5530		
Athiru Ruujine	44,048	22,053	21,995	8,711	19,558	9,414	15,823	23,202	1,288	1.003	0.898	0.843	0.056	33.4	42.8	23.8	9008		
Igembe East	44,256	22,552	21,704	8,940	19,026	8,782	16,681	23,857	1,373	1.039	0.855	0.798	0.058	39.7	40.1	20.1	9845		
Njia	42,607	20,744	21,863	8,028	19,195	10,089	14,456	21,782	1,630	0.949	0.956	0.881	0.075	26.9	44.6	28.5	8102		
Kangeta	29,551	14,252	15,299	5,647	13,187	6,777	10,020	15,215	1,149	0.932	0.942	0.867	0.076	29.6	44.7	25.7	5910		
Igembe North Constituency	153,984	75,309	78,675	30,716	71,944	36,658	52,339	76,987	5,053	0.957	1.000	0.934	0.066	27.7	42.5	29.7	29148		

Antuambui	29,063	14,351	14,712	5,468	13,454	7,143	9,961	14,575	1,034	0.975	0.994	0.923	0.071	24.8	43.3	31.9	5318
Ntunene	19,390	9,479	9,911	3,550	8,319	4,335	7,345	10,533	538	0.956	0.841	0.790	0.051	37.8	38.4	23.9	4125
Antubetwe Kiongo	32,176	15,917	16,259	6,804	15,210	7,294	10,952	15,943	1,023	0.979	1.018	0.954	0.064	25.6	42.8	31.7	5843
Naathu	29,542	14,375	15,167	5,752	13,965	7,349	9,871	14,567	1,010	0.948	1.028	0.959	0.069	24.2	42.4	33.3	5328
Amwathi	43,813	21,187	22,626	9,142	20,996	10,537	14,210	21,369	1,448	0.936	1.050	0.983	0.068	28.4	44.0	27.6	8534
Tigania West Constituency	134,059	63,858	70,201	25,163	58,921	29,516	42,400	68,663	6,475	0.910	0.952	0.858	0.094	32.9	46.7	20.4	28132
Athwana	17,662	8,053	9,609	4,083	9,115	4,154	4,795	7,764	783	0.838	1.275	1.174	0.101	30.3	42.8	26.8	3290
Akithii	35,350	16,478	18,872	6,802	16,204	8,254	10,863	17,406	1,740	0.873	1.031	0.931	0.100	29.6	48.5	22.0	7248
Kianjai	36,381	17,414	18,967	6,265	15,111	7,909	11,650	19,346	1,924	0.918	0.881	0.781	0.099	34.6	48.4	17.0	8072
Nkomo	23,795	11,633	12,162	4,083	9,722	4,989	7,980	12,958	1,115	0.957	0.836	0.750	0.086	35.3	46.5	18.1	5191
Mbeu	20,871	10,280	10,591	3,930	8,769	4,210	7,112	11,189	913	0.971	0.865	0.784	0.082	34.4	43.8	21.8	4331
Tigania East Constituency	156,762	75,798	80,964	30,493	71,235	35,488	50,418	78,834	6,693	0.936	0.989	0.904	0.085	30.2	44.7	25.1	30892
Thangatha	40,141	19,821	20,320	7,930	18,247	8,801	13,209	20,391	1,503	0.975	0.969	0.895	0.074	29.8	45.3	24.9	7926
Mikinduri	33,685	16,556	17,129	6,196	14,523	7,294	11,366	17,689	1,473	0.967	0.904	0.821	0.083	34.3	44.0	21.8	7050
Kiguchwa	19,162	9,278	9,884	3,638	8,670	4,421	6,334	9,749	743	0.939	0.966	0.889	0.076	30.2	47.0	22.8	3904
Muthara	38,938	18,068	20,870	7,852	18,347	9,126	11,645	18,655	1,936	0.866	1.087	0.983	0.104	29.9	44.2	25.9	7528
Karama	24,836	12,075	12,761	4,877	11,448	5,846	7,864	12,350	1,038	0.946	1.011	0.927	0.084	25.0	43.7	31.3	4484
North Imenti Constituency	144,275	71,920	72,355	20,037	46,736	25,026	56,778	91,058	6,481	0.994	0.584	0.513	0.071	53.1	38.4	8.5	40314
Municipality	25,070	12,195	12,875	3,251	7,295	4,094	11,564	17,238	537	0.947	0.454	0.423	0.031	65.2	28.8	5.9	8296
Ntima East	20,767	10,204	10,563	2,952	6,491	3,384	9,067	13,511	765	0.966	0.537	0.480	0.057	62.5	32.2	5.3	6588
Ntima West	33,265	16,478	16,787	4,393	10,495	5,640	12,908	21,074	1,696	0.982	0.578	0.498	0.080	52.0	40.4	7.6	9245

Nyaki West	34,849	17,632	17,217	4,910	11,725	6,528	12,829	21,348	1,776	1,024	0.632	0.549	0.083	42.7	44.9	12.4	8532
Nyaki East	30,324	15,411	14,913	4,531	10,730	5,380	10,410	17,887	1,707	1,033	0.695	0.600	0.095	44.7	44.5	10.7	7653
Buuri Constituency	133,420	67,124	66,296	20,102	46,911	23,721	48,639	80,513	5,996	1,012	0.657	0.583	0.074	55.2	37.6	7.2	38826
Timau	34,223	17,299	16,924	5,516	12,431	5,818	13,190	20,681	1,111	1,022	0.655	0.601	0.054	58.7	34.1	7.2	10344
Kisima	29,551	15,355	14,196	4,462	10,235	4,893	11,689	18,362	954	1,082	0.609	0.557	0.052	61.8	31.5	6.6	9390
Kiirua/Naari	27,031	13,420	13,611	3,859	9,231	4,963	9,353	16,339	1,461	0.986	0.654	0.565	0.089	51.4	41.5	7.2	7503
Ruri/Rwarera	18,206	9,052	9,154	2,828	6,733	3,515	6,081	10,482	991	0.989	0.737	0.642	0.095	48.2	44.0	7.8	4882
Kibindhia	24,409	11,998	12,411	3,437	8,281	4,532	8,326	14,649	1,479	0.967	0.666	0.565	0.101	49.8	42.8	7.4	6707
Central Imenti Constituency	115,222	57,332	57,890	16,644	38,962	20,183	39,761	68,961	7,299	0.990	0.671	0.565	0.106	46.6	44.2	9.2	29562
Mwanganthia	24,309	12,082	12,227	3,821	8,452	4,136	8,297	14,286	1,571	0.988	0.702	0.592	0.110	45.6	44.6	9.8	6188
Abothuguchi Central	33,412	16,664	16,748	4,674	10,985	5,766	11,807	20,313	2,114	0.995	0.645	0.541	0.104	46.7	45.6	7.7	8813
Abothuguchi West	35,485	17,591	17,894	4,278	10,861	6,184	12,179	22,258	2,366	0.983	0.594	0.488	0.106	49.9	43.7	6.4	9880
Kiagu	22,016	10,995	11,021	3,871	8,664	4,097	7,478	12,104	1,248	0.998	0.819	0.716	0.103	40.6	42.2	17.2	4681
South Imenti Constituency	175,784	88,038	87,746	24,998	59,172	31,866	62,902	106,529	10,083	1,003	0.650	0.555	0.095	48.0	42.3	9.7	46267
Mitunguu	20,579	10,686	9,893	3,167	7,138	3,703	7,804	12,530	911	1,080	0.642	0.570	0.073	52.8	37.5	9.7	5650
Igoji East	28,636	14,417	14,219	4,391	10,228	5,288	9,547	16,612	1,796	1,014	0.724	0.616	0.108	46.7	42.9	10.3	7434
Igoji West	20,179	10,013	10,166	2,831	6,796	3,570	7,090	12,216	1,167	0.985	0.652	0.556	0.096	49.9	42.4	7.7	5510
Abogeta East	33,171	16,705	16,466	4,906	11,520	6,124	11,322	19,573	2,078	1,015	0.695	0.589	0.106	45.9	44.7	9.4	8615
Abogeta West	30,193	14,966	15,227	4,125	10,303	5,836	10,721	18,097	1,793	0.983	0.668	0.569	0.099	39.9	46.9	13.2	7209
Nkuene	43,026	21,251	21,775	5,578	13,187	7,345	16,418	27,501	2,338	0.976	0.565	0.480	0.085	51.9	39.6	8.5	11849

Table 26.2: Employment by County, Constituency and Wards

County/Constituency/ Wards	Work for pay	Family Business	Family Agricultural Holding	Intern/Vol- unteer	Retired/ Homemaker	Fulltime Student	Incapaci- tated	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
Meru County	19.7	15.0	41.5	1.0	7.8	10.2	0.4	4.6	743,359
Igembe South Constituency	17.6	19.9	37.0	0.8	13.4	7.9	0.4	3.1	72,039
Maua	24.5	37.8	12.3	0.8	9.9	9.7	0.2	4.9	12,678
Kiegu/Antubochiu	22.1	19.6	28.3	1.1	13.7	10.6	0.5	4.2	18,120
Athiru Gaiti	11.7	19.9	46.4	0.5	15.0	4.7	0.2	1.6	14,192
Akachiu	15.1	12.6	54.9	0.8	8.8	5.4	0.5	1.9	13,828
Kanuni	13.6	10.7	44.1	0.5	19.5	8.7	0.4	2.5	13,221
Igembe Central Constituency	14.5	19.9	36.4	1.4	11.0	10.8	0.3	5.8	99,775
Akirangondu	10.0	15.8	43.0	1.9	8.9	12.7	0.4	7.3	15,719
Athiru Ruujine	16.8	18.3	39.9	1.1	11.7	7.1	0.2	4.9	23,202
Igembe East	12.2	21.6	37.3	0.9	13.9	9.3	0.4	4.4	23,857
Njia	13.7	24.6	28.9	1.6	11.7	13.2	0.2	6.1	21,782
Kangeta	20.5	16.9	33.5	1.8	6.4	13.2	0.5	7.4	15,215
Igembe North Constituency	13.1	21.1	34.3	1.1	13.0	10.4	0.3	6.6	76,987
Antuambui	17.0	20.8	40.0	1.7	7.1	8.5	0.3	4.7	14,575
Ntunene	21.4	21.8	28.3	1.4	9.7	12.5	0.8	4.1	10,533
Antubetwe Kiongo	16.0	20.2	25.2	0.6	21.2	10.9	0.3	5.7	15,943
Naathu	9.8	23.5	34.7	1.3	9.0	13.9	0.3	7.4	14,567
Amwathi	6.6	20.1	39.7	0.9	15.4	7.9	0.2	9.4	21,369
Tigania West Constituency	13.5	11.7	44.8	0.9	13.8	10.0	0.5	4.8	68,663
Athwana	5.9	11.0	45.2	0.5	18.4	9.7	0.4	8.8	7,764
Akithii	11.0	10.6	41.9	1.5	15.1	14.5	0.5	4.9	17,406
Kianjai	16.2	13.3	41.9	0.7	14.0	8.9	0.8	4.3	19,346
Nkomo	18.5	13.1	42.3	0.7	9.6	9.0	0.5	6.4	12,958
Mbeu	12.4	9.3	56.9	0.6	13.3	6.1	0.4	1.0	11,189
Tigania East Constituency	13.9	13.4	52.1	1.1	5.0	10.3	0.4	3.8	78,834
Thangatha	12.2	10.5	67.8	0.5	1.6	5.9	0.3	1.1	20,391
Mikinduri	16.9	14.5	48.6	1.1	5.9	9.3	0.8	3.0	17,689
Kiguchwa	21.6	15.8	45.6	2.1	2.7	8.3	0.3	3.6	9,749
Muthara	11.1	15.2	41.6	1.2	10.4	15.2	0.5	4.8	18,655
Karama	10.5	11.8	51.9	1.5	2.9	13.3	0.3	8.0	12,350
North Imenti Constituency	32.0	15.6	28.4	1.1	5.7	9.9	0.4	6.8	91,058
Municipality	48.8	16.0	7.1	1.8	6.0	10.7	0.3	9.5	17,238
Ntima East	31.5	31.6	13.5	0.8	5.1	9.8	0.2	7.6	13,511
Ntima West	30.6	13.9	31.4	1.0	6.2	8.8	0.5	7.5	21,074
Nyaki West	32.4	11.3	27.5	1.2	8.8	11.8	0.5	6.7	21,348
Nyaki East	17.4	10.5	58.0	0.6	1.6	8.5	0.4	3.0	17,887
Buuri Constituency	27.4	10.4	43.1	0.6	5.0	8.4	0.4	4.7	80,513
Timau	32.5	10.1	39.2	0.7	2.9	8.2	0.3	6.2	20,681
Kisima	36.7	9.6	39.7	0.6	1.8	6.2	0.2	5.2	18,362
Kiirua/Naari	21.4	13.1	48.6	0.7	3.4	9.6	0.4	2.9	16,339
Ruiriri/Rwarera	17.5	10.7	50.1	0.5	4.4	10.9	0.7	5.3	10,482
Kibirichia	22.1	8.9	41.9	0.5	14.2	8.6	0.6	3.3	14,649

Central Imenti Constituency	20.0	10.5	50.9	0.8	4.2	10.5	0.5	2.7	68,961
Mwanganchia	17.7	13.6	52.1	0.6	3.5	9.6	0.6	2.4	14,286
Abothuguchi Central	26.0	9.6	43.5	0.4	5.3	11.2	0.5	3.4	20,313
Abothuguchi West	20.7	9.0	51.6	0.6	3.7	11.7	0.4	2.4	22,258
Kiagu	11.5	11.2	60.7	2.0	3.9	8.1	0.4	2.3	12,104
South Imenti Constituency	22.3	11.7	48.5	0.7	1.3	12.2	0.5	2.8	106,529
Mitunguu	24.7	14.9	44.2	0.7	1.1	10.6	0.4	3.5	12,530
Igoji East	20.1	9.8	53.3	0.8	0.8	11.4	0.6	3.2	16,612
Igoji West	16.7	9.6	57.6	0.7	0.9	11.4	0.4	2.7	12,216
Abogeta East	18.7	11.8	49.8	0.6	3.1	12.7	0.5	2.8	19,573
Abogeta West	17.9	9.9	52.5	0.7	0.9	15.4	0.5	2.3	18,097
Nkuene	30.6	13.3	40.1	0.8	1.0	11.2	0.4	2.6	27,501

Table 26.3: Employment and Education Levels by County, Constituency and Wards

County /constituency/ Wards	Education Total level	Work for pay	Family Business	Family Agricultural Holding	Intern/Volunteer	Retired/ Homemaker	Fulltime 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
Meru	Total	19.7	15.0	41.5	1.0	7.8	10.2	0.4	4.6	743,359
Meru	None	14.9	15.6	48.6	1.8	12.1	0.2	1.3	5.5	91,913
Meru	Primary	17.5	15.3	45.8	0.8	8.1	8.0	0.3	4.2	446,438
Meru	Secondary+	26.5	13.9	29.0	1.0	5.0	19.4	0.2	5.0	205,008
Igembe South Constituency	Total	17.6	19.9	37.0	0.8	13.4	7.9	0.4	3.1	72,039
Igembe South Constituency	None	13.6	16.7	47.9	1.4	16.1	0.1	0.9	3.4	12,709
Igembe South Constituency	Primary	15.0	20.4	40.4	0.5	13.5	7.1	0.3	2.8	45,295

Igembe South Constituency	Secondary+	29.5	21.1	16.4	1.0	10.6	17.6	0.1	3.7	14,035
Maua Wards	Total	24.5	37.8	12.3	0.8	9.9	9.7	0.2	4.9	12,678
Maua Wards	None	14.9	38.4	19.5	1.8	16.3	0.1	0.9	8.0	1,627
Maua Wards	Primary	18.6	41.2	15.2	0.6	11.5	8.6	0.1	4.3	6,446
Maua Wards	Secondary+	36.3	32.9	5.5	0.8	5.4	14.6	0.0	4.5	4,605
Kiegu/Antubochiu Wards	Total	22.1	19.6	28.3	1.1	13.7	10.6	0.5	4.2	18,120
Kiegu/Antubochiu Wards	None	16.8	17.1	41.0	2.4	19.3	0.1	0.7	2.7	2,696
Kiegu/Antubochiu Wards	Primary	19.0	21.4	31.4	0.6	13.5	9.1	0.5	4.5	10,790
Kiegu/Antubochiu Wards	Secondary+	32.4	16.9	13.6	1.4	10.8	20.4	0.3	4.2	4,634
Athiru Gaiti Wards	Total	11.7	19.9	46.4	0.5	15.0	4.7	0.2	1.6	14,192
Athiru Gaiti Wards	None	11.8	17.7	52.2	1.0	14.5	0.2	0.4	2.2	2,276
Athiru Gaiti Wards	Primary	11.1	20.3	48.2	0.4	14.4	4.0	0.1	1.5	10,244
Athiru Gaiti Wards	Secondary+	15.4	20.0	27.5	0.6	19.9	15.1	0.1	1.5	1,672
Akachiu Wards	Total	15.1	12.6	54.9	0.8	8.8	5.4	0.5	1.9	13,828
Akachiu Wards	None	12.7	12.1	63.9	1.0	6.3	0.1	1.4	2.6	2,913
Akachiu Wards	Primary	14.2	13.5	55.7	0.6	8.5	5.5	0.3	1.7	9,093
Akachiu Wards	Secondary+	23.4	9.2	36.8	1.2	14.2	13.3	0.1	1.7	1,822
Kanuni Wards	Total	13.6	10.7	44.1	0.5	19.5	8.7	0.4	2.5	13,221
Kanuni Wards	None	12.5	8.6	50.6	0.8	23.4	0.2	0.9	3.1	3,197
Kanuni Wards	Primary	12.9	11.2	44.9	0.3	19.3	9.1	0.3	2.1	8,722
Kanuni Wards	Secondary+	21.4	12.7	22.4	0.8	11.4	27.0	0.2	4.2	1,302
Igembe Central Constituency	Total	14.5	19.9	36.4	1.4	11.0	10.8	0.3	5.8	99,775
Igembe Central Constituency	None	14.6	17.2	44.3	2.2	14.0	0.2	0.8	6.8	20,247
Igembe Central Constituency	Primary	13.2	21.2	37.3	1.1	11.1	10.5	0.2	5.4	64,500
Igembe Central Constituency	Secondary+	20.2	17.7	22.0	1.5	6.2	26.3	0.1	5.9	15,028
Akirangonde Wards	Total	10.0	15.8	43.0	1.9	8.9	12.7	0.4	7.3	15,719
Akirangonde Wards	None	9.2	16.3	47.9	2.3	14.7	-	0.9	8.8	4,512
Akirangonde Wards	Primary	9.3	16.8	43.3	1.6	7.7	14.7	0.3	6.3	8,823
Akirangonde Wards	Secondary+	14.0	11.2	32.4	2.0	2.8	29.3	0.1	8.2	2,384
Athiru Ruujine Wards	Total	16.8	18.3	39.9	1.1	11.7	7.1	0.2	4.9	23,202
Athiru Ruujine Wards	None	15.4	15.3	50.1	2.0	12.4	0.2	0.6	4.0	4,196

Athiru Ruujine Wards	Primary	15.9	19.3	40.4	0.8	12.0	6.6	0.1	5.1	15,863
Athiru Ruujine Wards	Secondary+	23.6	17.6	24.2	1.3	9.0	19.2	0.1	4.9	3,143
Igembe East Wards	Total	12.2	21.6	37.3	0.9	13.9	9.3	0.4	4.4	23,857
Igembe East Wards	None	11.8	18.8	42.2	1.4	19.1	0.2	1.1	5.4	3,966
Igembe East Wards	Primary	10.7	22.2	39.2	0.7	14.2	8.7	0.3	4.0	16,559
Igembe East Wards	Secondary+	20.3	22.3	21.9	0.9	6.5	22.9	0.1	5.2	3,332
Njia Wards	Total	13.7	24.6	28.9	1.6	11.7	13.2	0.2	6.1	21,782
Njia Wards	None	18.0	20.7	38.2	2.7	13.2	0.3	0.5	6.4	4,615
Njia Wards	Primary	11.4	27.0	29.0	1.2	12.1	13.0	0.2	6.0	13,675
Njia Wards	Secondary+	17.4	20.5	16.3	1.2	7.9	31.1	0.1	5.7	3,492
Kangeta Wards	Total	20.5	16.9	33.5	1.8	6.4	13.2	0.5	7.4	15,215
Kangeta Wards	None	20.2	13.5	42.6	2.6	9.7	0.2	1.2	10.0	2,958
Kangeta Wards	Primary	19.1	18.7	35.1	1.3	6.2	12.4	0.3	6.9	9,580
Kangeta Wards	Secondary+	25.4	14.3	17.5	2.5	3.6	30.0	0.3	6.2	2,677
Igembe North Constituency	Total	13.1	21.1	34.3	1.1	13.0	10.4	0.3	6.6	76,987
Igembe North Constituency	None	11.6	22.1	41.8	1.4	15.2	0.1	0.6	7.3	20,231
Igembe North Constituency	Primary	11.9	21.5	34.7	0.9	13.3	11.3	0.2	6.2	44,764
Igembe North Constituency	Secondary+	20.2	18.2	19.8	1.4	8.5	24.4	0.2	7.2	11,992
Antuambui Wards	Total	17.0	20.8	40.0	1.7	7.1	8.5	0.3	4.7	14,575
Antuambui Wards	None	20.0	20.6	40.1	2.4	9.9	0.1	0.5	6.4	3,672
Antuambui Wards	Primary	15.4	21.9	42.2	1.4	6.6	8.6	0.2	3.7	8,560
Antuambui Wards	Secondary+	18.0	17.5	31.5	1.5	4.5	21.3	0.0	5.7	2,343
Ntunene Wards	Total	21.4	21.8	28.3	1.4	9.7	12.5	0.8	4.1	10,533
Ntunene Wards	None	20.3	21.3	36.9	1.8	12.8	0.2	1.7	4.9	1,865
Ntunene Wards	Primary	17.9	22.0	32.6	1.0	9.8	12.6	0.6	3.5	5,910
Ntunene Wards	Secondary+	29.7	21.8	13.4	1.9	7.4	20.5	0.6	4.8	2,758
Antubetwe Kiongo Wards	Total	16.0	20.2	25.2	0.6	21.2	10.9	0.3	5.7	15,943
Antubetwe Kiongo Wards	None	13.7	18.7	35.6	0.6	24.3	0.2	0.8	6.1	4,176
Antubetwe Kiongo Wards	Primary	16.1	21.0	23.2	0.6	22.1	11.5	0.2	5.4	9,946
Antubetwe Kiongo Wards	Secondary+	20.5	19.1	11.9	0.9	9.5	31.9	0.1	6.3	1,821
Naathu Wards	Total	9.8	23.5	34.7	1.3	9.0	13.9	0.3	7.4	14,567

Naathu Wards	None	8.4	26.6	43.8	1.6	11.6	0.1	0.5	7.5	3,982
Naathu Wards	Primary	9.0	23.8	34.8	1.1	8.6	15.2	0.3	7.2	8,372
Naathu Wards	Secondary+	15.6	17.1	17.9	1.6	5.7	33.7	0.4	8.1	2,213
Amwathi Wards	Total	6.6	20.1	39.7	0.9	15.4	7.9	0.2	9.4	21,369
Amwathi Wards	None	5.0	22.4	46.8	1.1	15.1	0.0	0.3	9.2	6,536
Amwathi Wards	Primary	5.2	19.8	39.9	0.7	15.7	9.5	0.1	9.1	11,976
Amwathi Wards	Secondary+	16.1	15.8	23.0	1.0	14.4	18.9	0.1	10.7	2,857
Tigania West Constituency	Total	13.5	11.7	44.8	0.9	13.8	10.0	0.5	4.8	68,663
Tigania West Constituency	None	11.8	11.6	51.2	1.4	17.0	0.2	2.2	4.7	7,343
Tigania West Constituency	Primary	11.6	12.0	48.2	0.7	14.1	8.3	0.4	4.7	47,242
Tigania West Constituency	Secondary+	20.9	10.6	29.9	1.0	11.3	20.9	0.3	5.2	14,078
Athwana Wards	Total	5.9	11.0	45.2	0.5	18.4	9.7	0.4	8.8	7,764
Athwana Wards	None	6.4	20.3	47.6	0.6	17.8	-	0.7	6.6	1,506
Athwana Wards	Primary	4.5	9.0	47.4	0.4	18.9	9.6	0.4	9.8	5,180
Athwana Wards	Secondary+	12.2	7.7	31.5	1.0	16.8	23.2	0.2	7.4	1,078
Akithii Wards	Total	11.0	10.6	41.9	1.5	15.1	14.5	0.5	4.9	17,406
Akithii Wards	None	8.8	8.0	51.8	2.8	20.2	0.3	2.1	6.0	1,741
Akithii Wards	Primary	9.2	11.2	44.6	1.5	16.1	12.3	0.3	4.8	12,218
Akithii Wards	Secondary+	18.7	9.9	27.3	0.9	9.1	29.5	0.2	4.5	3,447
Kianjai Wards	Total	16.2	13.3	41.9	0.7	14.0	8.9	0.8	4.3	19,346
Kianjai Wards	None	13.1	10.9	50.2	1.3	16.9	0.2	3.8	3.7	1,747
Kianjai Wards	Primary	14.2	14.4	46.1	0.4	14.4	6.1	0.5	3.9	12,670
Kianjai Wards	Secondary+	22.5	11.1	28.2	1.1	12.1	19.2	0.4	5.5	4,929
Nkomo Wards	Total	18.5	13.1	42.3	0.7	9.6	9.0	0.5	6.4	12,958
Nkomo Wards	None	18.7	11.3	49.1	0.8	10.8	0.5	2.6	6.1	1,026
Nkomo Wards	Primary	16.5	13.3	46.3	0.7	9.3	7.1	0.4	6.5	8,985
Nkomo Wards	Secondary+	24.4	12.8	27.6	1.0	10.0	17.9	0.2	6.1	2,947
Mbeu Wards	Total	12.4	9.3	56.9	0.6	13.3	6.1	0.4	1.0	11,189
Mbeu Wards	None	14.7	7.6	57.5	1.2	16.6	0.2	1.4	0.9	1,323
Mbeu Wards	Primary	10.4	9.7	59.7	0.4	13.0	6.0	0.2	0.6	8,189
Mbeu Wards	Secondary+	20.3	8.5	42.9	1.1	12.2	11.8	0.2	3.0	1,677

Tigania East Constituency	Total	13.9	13.4	52.1	1.1	5.0	10.3	0.4	3.8	78,834
Tigania East Constituency	None	11.7	13.5	59.5	1.8	7.6	0.2	1.3	4.5	11,084
Tigania East Constituency	Primary	12.4	13.7	55.3	1.0	4.8	9.1	0.3	3.4	52,867
Tigania East Constituency	Secondary+	20.8	12.2	34.9	1.3	3.8	22.2	0.2	4.6	14,883
Thangatha Wards	Total	12.2	10.5	67.8	0.5	1.6	5.9	0.3	1.1	20,391
Thangatha Wards	None	11.7	9.1	73.3	1.1	2.5	0.2	0.9	1.2	2,992
Thangatha Wards	Primary	10.8	10.5	69.7	0.4	1.6	5.8	0.2	1.0	14,576
Thangatha Wards	Secondary+	19.7	12.0	52.5	0.5	1.0	12.7	0.1	1.5	2,823
Mikinduri Wards	Total	16.9	14.5	48.6	1.1	5.9	9.3	0.8	3.0	17,689
Mikinduri Wards	None	16.6	13.3	56.5	1.5	6.3	0.5	2.3	3.2	2,225
Mikinduri Wards	Primary	15.7	15.1	51.1	1.0	5.8	8.1	0.6	2.7	12,225
Mikinduri Wards	Secondary+	22.0	13.0	33.9	1.0	5.8	19.9	0.3	4.1	3,239
Kiguchwa Wards	Total	21.6	15.8	45.6	2.1	2.7	8.3	0.3	3.6	9,749
Kiguchwa Wards	None	22.2	15.7	48.5	4.0	5.4	0.3	1.0	3.0	1,077
Kiguchwa Wards	Primary	21.2	16.9	47.9	1.8	2.5	6.2	0.2	3.3	6,229
Kiguchwa Wards	Secondary+	22.2	13.2	38.3	2.2	2.0	17.3	0.0	4.9	2,443
Muthara Wards	Total	11.1	15.2	41.6	1.2	10.4	15.2	0.5	4.8	18,655
Muthara Wards	None	7.3	17.6	52.3	1.7	14.9	0.1	1.2	5.0	3,178
Muthara Wards	Primary	8.9	15.8	45.0	1.0	10.5	13.8	0.4	4.6	11,372
Muthara Wards	Secondary+	20.2	11.6	24.0	1.3	6.7	30.7	0.1	5.4	4,105
Karama Wards	Total	10.5	11.8	51.9	1.5	2.9	13.3	0.3	8.0	12,350
Karama Wards	None	6.6	12.5	59.7	2.4	5.7	0.1	0.7	12.3	1,612
Karama Wards	Primary	8.6	11.7	56.1	1.2	2.8	12.0	0.2	7.4	8,465
Karama Wards	Secondary+	20.1	11.4	30.5	1.7	1.4	27.4	0.2	7.4	2,273
North Imenti Constituency	Total	32.0	15.6	28.4	1.1	5.7	9.9	0.4	6.8	91,058
North Imenti Constituency	None	24.6	12.1	43.1	2.8	7.9	0.8	2.4	6.4	5,013
North Imenti Constituency	Primary	28.1	15.6	36.7	0.8	6.5	5.6	0.4	6.4	46,003
North Imenti Constituency	Secondary+	37.4	16.1	17.1	1.3	4.5	16.1	0.2	7.3	40,042
Municipality Wards	Total	48.8	16.0	7.1	1.8	6.0	10.7	0.3	9.5	17,238
Municipality Wards	None	35.6	19.2	13.5	5.9	9.1	1.5	0.8	14.7	751
Municipality Wards	Primary	44.4	16.9	9.9	1.5	9.5	6.9	0.4	10.6	5,116

Municipality Wards	Secondary+	51.6	15.4	5.4	1.7	4.2	13.0	0.2	8.6	11,371
Ntima East Wards	Total	31.5	31.6	13.5	0.8	5.1	9.8	0.2	7.6	13,511
Ntima East Wards	None	21.7	26.8	25.9	2.2	10.5	1.5	2.4	9.0	456
Ntima East Wards	Primary	29.2	34.2	16.7	0.6	6.0	4.7	0.2	8.4	6,352
Ntima East Wards	Secondary+	34.3	29.5	9.6	1.0	3.8	15.1	0.1	6.7	6,703
Ntima West Wards	Total	30.6	13.9	31.4	1.0	6.2	8.8	0.5	7.5	21,074
Ntima West Wards	None	22.9	8.9	48.2	2.6	8.0	0.7	2.9	5.9	1,140
Ntima West Wards	Primary	28.8	13.9	36.6	0.9	7.2	5.0	0.5	7.3	11,378
Ntima West Wards	Secondary+	34.1	14.5	22.3	1.0	4.7	15.0	0.3	8.1	8,556
Nyaki West Wards	Total	32.4	11.3	27.5	1.2	8.8	11.8	0.5	6.7	21,348
Nyaki West Wards	None	27.2	9.6	38.1	2.6	13.5	0.7	3.5	4.8	1,298
Nyaki West Wards	Primary	31.5	11.4	33.2	0.9	9.7	6.4	0.5	6.5	11,569
Nyaki West Wards	Secondary+	34.4	11.3	18.0	1.4	6.7	21.0	0.1	7.2	8,481
Nyaki East Wards	Total	17.4	10.5	58.0	0.6	1.6	8.5	0.4	3.0	17,887
Nyaki East Wards	None	18.4	8.3	65.5	1.5	1.2	0.3	1.8	3.0	1,368
Nyaki East Wards	Primary	16.2	10.7	63.1	0.4	1.5	5.2	0.4	2.5	11,588
Nyaki East Wards	Secondary+	20.1	10.7	43.9	0.8	1.8	18.3	0.2	4.2	4,931
Buuri Constituency	Total	27.4	10.4	43.1	0.6	5.0	8.4	0.4	4.7	80,513
Buuri Constituency	None	27.0	8.0	48.8	1.4	6.2	0.4	1.8	6.4	5,532
Buuri Constituency	Primary	26.7	10.3	47.4	0.5	5.2	5.4	0.3	4.3	46,437
Buuri Constituency	Secondary+	28.5	11.2	35.1	0.7	4.5	15.0	0.2	4.8	28,544
Timau Wards	Total	32.5	10.1	39.2	0.7	2.9	8.2	0.3	6.2	20,681
Timau Wards	None	28.0	6.4	49.3	1.4	3.8	0.4	1.5	9.2	1,482
Timau Wards	Primary	30.5	9.8	45.0	0.6	2.7	5.4	0.2	5.8	11,755
Timau Wards	Secondary+	36.4	11.2	28.0	0.8	2.9	14.2	0.2	6.4	7,444
Kisima Wards	Total	36.7	9.6	39.7	0.6	1.8	6.2	0.2	5.2	18,362
Kisima Wards	None	33.1	8.7	45.7	1.6	1.7	0.4	0.9	8.0	1,419
Kisima Wards	Primary	36.2	9.2	42.1	0.4	1.9	4.8	0.2	5.3	10,811
Kisima Wards	Secondary+	38.4	10.6	33.9	0.6	1.8	10.0	0.2	4.5	6,132
Kiirua/Naari Wards	Total	21.4	13.1	48.6	0.7	3.4	9.6	0.4	2.9	16,339
Kiirua/Naari Wards	None	23.4	12.3	53.5	1.8	4.1	0.3	1.8	2.8	1,048

Kiirua/Naari Wards	Primary	21.0	12.8	54.4	0.5	3.4	5.5	0.2	2.3	9,522
Kiirua/Naari Wards	Secondary+	21.8	13.8	38.2	0.8	3.3	17.9	0.3	3.9	5,769
Ruiri/Rwarera Wards	Total	17.5	10.7	50.1	0.5	4.4	10.9	0.7	5.3	10,482
Ruiri/Rwarera Wards	None	22.1	5.1	57.2	0.8	5.9	0.1	3.2	5.5	759
Ruiri/Rwarera Wards	Primary	14.8	11.4	56.0	0.5	5.2	6.9	0.6	4.6	6,362
Ruiri/Rwarera Wards	Secondary+	21.6	10.5	37.4	0.5	2.4	20.8	0.3	6.4	3,361
Kibirichia Wards	Total	22.1	8.9	41.9	0.5	14.2	8.6	0.6	3.3	14,649
Kibirichia Wards	None	24.0	7.2	39.6	1.0	20.9	0.7	3.0	3.6	824
Kibirichia Wards	Primary	24.6	8.4	42.9	0.2	15.3	4.8	0.6	3.2	7,987
Kibirichia Wards	Secondary+	18.4	9.8	40.9	0.8	11.8	14.8	0.3	3.3	5,838
Central Imenti Constituency	Total	20.0	10.5	50.9	0.8	4.2	10.5	0.5	2.7	68,961
Central Imenti Constituency	None	15.5	8.6	63.1	1.6	5.6	0.4	3.0	2.4	4,262
Central Imenti Constituency	Primary	19.1	10.8	56.9	0.8	4.0	5.8	0.4	2.3	40,642
Central Imenti Constituency	Secondary+	22.5	10.3	38.7	0.7	4.2	20.2	0.2	3.3	24,057
Mwanganthia Wards	Total	17.7	13.6	52.1	0.6	3.5	9.6	0.6	2.4	14,286
Mwanganthia Wards	None	16.4	11.2	60.0	1.4	4.2	0.7	3.7	2.4	913
Mwanganthia Wards	Primary	16.8	13.9	57.0	0.5	3.3	5.7	0.4	2.4	9,029
Mwanganthia Wards	Secondary+	19.7	13.4	40.0	0.6	3.9	19.5	0.3	2.5	4,344
Abothuguchi Central Wards	Total	26.0	9.6	43.5	0.4	5.3	11.2	0.5	3.4	20,313
Abothuguchi Central Wards	None	14.8	5.7	65.4	0.9	7.3	0.4	3.4	2.2	1,244
Abothuguchi Central Wards	Primary	26.7	10.1	48.1	0.4	5.3	5.8	0.4	3.2	11,916
Abothuguchi Central Wards	Secondary+	26.9	9.6	32.1	0.5	4.8	22.0	0.3	3.9	7,153
Abothuguchi West Wards	Total	20.7	9.0	51.6	0.6	3.7	11.7	0.4	2.4	22,258
Abothuguchi West Wards	None	19.0	6.5	64.3	1.7	2.9	0.5	2.9	2.1	935
Abothuguchi West Wards	Primary	20.2	8.9	60.6	0.3	3.3	4.7	0.5	1.5	10,681
Abothuguchi West Wards	Secondary+	21.4	9.3	41.4	0.7	4.2	19.6	0.1	3.3	10,642
Kiagu Wards	Total	11.5	11.2	60.7	2.0	3.9	8.1	0.4	2.3	12,104
Kiagu Wards	None	12.7	11.3	62.0	2.2	6.9	0.1	2.1	2.7	1,170
Kiagu Wards	Primary	9.9	11.1	63.9	2.0	3.8	7.1	0.3	2.0	9,016
Kiagu Wards	Secondary+	18.4	11.5	45.1	1.5	2.6	17.6	0.1	3.2	1,918
South Imenti Constituency	Total	22.3	11.7	48.5	0.7	1.3	12.2	0.5	2.8	106,529

South Imenti Constituency	None	20.6	10.1	58.9	2.3	1.6	0.6	3.0	3.1	5,492
South Imenti Constituency	Primary	21.2	11.5	55.4	0.5	1.4	7.5	0.4	2.2	58,688
South Imenti Constituency	Secondary+	24.2	12.1	37.7	0.9	1.3	20.2	0.2	3.5	42,349
Mitunguu Wards	Total	24.7	14.9	44.2	0.7	1.1	10.6	0.4	3.5	12,530
Mitunguu Wards	None	23.1	10.6	57.6	2.3	0.5	0.4	2.2	3.3	735
Mitunguu Wards	Primary	25.4	14.1	48.1	0.4	1.0	7.7	0.4	2.9	7,973
Mitunguu Wards	Secondary+	23.7	17.3	33.4	0.9	1.4	18.5	0.1	4.7	3,822
Igoji East Wards	Total	20.1	9.8	53.3	0.8	0.8	11.4	0.6	3.2	16,612
Igoji East Wards	None	21.7	9.2	59.5	2.4	0.5	0.5	3.5	2.8	888
Igoji East Wards	Primary	17.9	9.3	60.6	0.6	0.7	7.3	0.5	2.9	10,012
Igoji East Wards	Secondary+	23.5	10.8	39.5	0.8	1.1	20.2	0.3	3.8	5,712
Igoji West Wards	Total	16.7	9.6	57.6	0.7	0.9	11.4	0.4	2.7	12,216
Igoji West Wards	None	12.3	7.1	70.8	1.9	0.8	0.5	3.1	3.4	617
Igoji West Wards	Primary	15.3	9.4	65.3	0.5	0.9	6.4	0.3	1.9	6,660
Igoji West Wards	Secondary+	19.1	10.1	45.5	0.8	1.0	19.6	0.2	3.8	4,939
Abogeta East Wards	Total	18.7	11.8	49.8	0.6	3.1	12.7	0.5	2.8	19,573
Abogeta East Wards	None	16.0	13.8	59.7	1.4	3.6	0.4	2.9	2.3	1,147
Abogeta East Wards	Primary	16.2	12.0	57.8	0.4	3.1	7.8	0.4	2.5	11,834
Abogeta East Wards	Secondary+	23.7	11.2	33.7	0.9	3.0	23.8	0.2	3.6	6,592
Abogeta West Wards	Total	17.9	9.9	52.5	0.7	0.9	15.4	0.5	2.3	18,097
Abogeta West Wards	None	21.4	8.8	58.3	2.9	1.6	0.9	3.1	3.0	894
Abogeta West Wards	Primary	17.5	10.0	59.0	0.4	1.1	9.9	0.5	1.7	8,892
Abogeta West Wards	Secondary+	17.9	9.9	45.0	0.8	0.7	22.8	0.1	2.8	8,311
Nkuene Wards	Total	30.6	13.3	40.1	0.8	1.0	11.2	0.4	2.6	27,501
Nkuene Wards	None	26.1	9.2	52.8	2.6	1.7	0.8	3.1	3.7	1,211
Nkuene Wards	Primary	30.8	13.0	46.5	0.6	0.9	6.2	0.4	1.7	13,317
Nkuene Wards	Secondary+	30.7	13.9	32.4	0.9	1.0	17.4	0.2	3.4	12,973

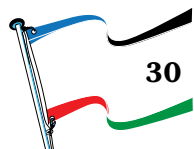


Table 26.4: Employment and Education Levels in Male Headed Household by County, Constituency and Wards

County, Constituency and Wards	Education Level reached	Work for Pay	Family Business	Family Agricultural holding	Internal/ Volunteer	Retired/ Home-maker	Fulltime Student	Incapacitated	No work	Population (15-64)
Kenya National	Total	25.5	13.5	31.6	1.1	9.0	11.4	0.4	7.5	14,757,992
Kenya National	None	11.4	14.3	44.2	1.6	13.9	0.9	1.0	12.6	2,183,284
Kenya National	Primary	22.2	12.9	37.3	0.8	9.4	10.6	0.4	6.4	6,939,667
Kenya National	Secondary+	35.0	13.8	19.8	1.1	6.5	16.5	0.2	7.0	5,635,041
Rural Rural	Total	16.8	11.6	43.9	1.0	8.3	11.7	0.5	6.3	9,262,744
Rural Rural	None	8.6	14.1	49.8	1.4	13.0	0.8	1.0	11.4	1,823,487
Rural Rural	Primary	16.5	11.2	46.7	0.8	8.0	11.6	0.4	4.9	4,862,291
Rural Rural	Secondary+	23.1	10.6	34.7	1.0	5.5	19.6	0.2	5.3	2,576,966
Urban Urban	Total	40.2	16.6	10.9	1.3	10.1	10.9	0.3	9.7	5,495,248
Urban Urban	None	25.8	15.5	16.1	3.0	18.2	1.4	1.3	18.7	359,797
Urban Urban	Primary	35.6	16.9	15.4	1.0	12.8	8.1	0.3	9.9	2,077,376
Urban Urban	Secondary+	45.1	16.6	7.3	1.2	7.4	13.8	0.1	8.5	3,058,075
Meru	Total	19.8	15.4	41.9	0.9	7.5	9.6	0.4	4.4	575,827
Meru	None	15.3	16.3	47.9	1.7	11.7	0.4	1.2	5.5	66,175
Meru	Primary	17.5	15.8	46.4	0.7	8.0	7.3	0.3	4.0	350,787
Meru	Secondary+	26.9	14.0	29.6	1.0	4.9	18.6	0.2	4.8	158,865
Igembe South Constituency	Total	17.4	19.9	37.7	0.7	13.1	7.9	0.3	2.9	58,362
Igembe South Constituency	None	14.1	16.6	47.7	1.4	15.7	0.1	0.8	3.4	9,656
Igembe South Constituency	Primary	14.9	20.5	41.3	0.5	13.4	6.6	0.3	2.6	37,389
Igembe South Constituency	Secondary+	28.4	20.7	17.0	0.9	10.2	19.1	0.2	3.6	11,317
Maua Ward	Total	23.2	37.4	12.6	0.8	9.7	11.4	0.1	4.9	10,103
Maua Ward	None	15.5	38.4	18.4	1.9	15.9	0.1	0.9	8.9	1,242
Maua Ward	Primary	18.1	41.7	16.1	0.6	11.7	7.6	0.1	4.2	5,074
Maua Ward	Secondary+	32.4	31.3	5.9	0.7	5.0	20.3	0.0	4.4	3,787
Kiegu/Antubochiu Ward	Total	22.2	20.0	28.9	1.0	13.3	10.0	0.5	4.0	14,404
Kiegu/Antubochiu Ward	None	17.1	17.8	40.9	2.6	18.0	0.1	0.6	2.9	2,016
Kiegu/Antubochiu Ward	Primary	19.3	21.7	32.1	0.6	13.3	8.3	0.5	4.2	8,801
Kiegu/Antubochiu Ward	Secondary+	32.4	17.0	14.3	1.4	10.8	19.7	0.3	4.2	3,587

Athiru Gaiti Ward	Total	12.0	19.9	46.6	0.5	14.7	4.6	0.2	1.5	11,551
Athiru Gaiti Ward	None	13.5	17.3	50.0	0.8	15.4	0.3	0.5	2.2	1,697
Athiru Gaiti Ward	Primary	11.1	20.4	48.8	0.4	14.0	3.8	0.1	1.4	8,474
Athiru Gaiti Ward	Secondary+	15.9	20.1	28.8	0.7	18.1	14.9	0.1	1.4	1,380
Akachiu Ward	Total	14.9	12.7	55.6	0.8	8.5	5.2	0.5	1.9	11,417
Akachiu Ward	None	12.3	11.4	65.6	1.0	5.8	0.0	1.3	2.6	2,234
Akachiu Ward	Primary	13.7	13.7	56.4	0.6	8.4	5.1	0.3	1.7	7,688
Akachiu Ward	Secondary+	24.7	9.3	36.3	1.1	13.4	13.2	0.1	1.8	1,495
Kanuni Ward	Total	13.8	11.2	44.3	0.5	19.3	8.3	0.4	2.4	10,887
Kanuni Ward	None	12.9	9.1	50.4	0.9	22.9	0.2	0.8	2.7	2,467
Kanuni Ward	Primary	12.9	11.7	45.3	0.3	19.1	8.4	0.2	2.0	7,352
Kanuni Ward	Secondary+	21.7	12.5	23.0	0.5	11.6	26.4	0.2	4.0	1,068
Igembe Central Constituency	Total	14.5	20.7	36.6	1.3	10.9	10.2	0.3	5.5	79,655
Igembe Central Constituency	None	14.6	18.1	43.9	2.1	13.6	0.2	0.8	6.8	15,330
Igembe Central Constituency	Primary	13.0	22.0	37.7	1.0	11.1	9.8	0.2	5.1	52,352
Igembe Central Constituency	Secondary+	20.6	18.3	22.7	1.5	6.2	24.9	0.1	5.6	11,973
Akirangonde Ward	Total	9.7	16.5	42.6	1.8	9.3	12.4	0.4	7.2	12,666
Akirangonde Ward	None	8.9	17.0	47.2	2.2	15.0	-	0.9	8.9	3,577
Akirangonde Ward	Primary	8.8	17.7	43.1	1.6	8.2	14.2	0.2	6.2	7,207
Akirangonde Ward	Secondary+	14.5	11.2	32.3	2.1	2.4	29.2	0.2	8.2	1,882
Athiru Ruujine Ward	Total	17.0	18.8	40.2	1.1	11.4	6.8	0.1	4.6	18,878
Athiru Ruujine Ward	None	15.6	15.8	50.0	2.1	11.7	0.3	0.5	4.0	3,236
Athiru Ruujine Ward	Primary	15.9	19.8	40.7	0.8	11.8	6.3	0.0	4.7	13,074
Athiru Ruujine Ward	Secondary+	24.3	17.8	25.3	1.3	8.6	17.9	0.1	4.7	2,568
Igembe East Ward	Total	12.2	22.6	37.9	0.8	13.6	8.6	0.4	4.0	19,205
Igembe East Ward	None	12.9	20.1	41.8	1.0	17.4	0.2	1.3	5.4	2,957
Igembe East Ward	Primary	10.6	23.0	40.0	0.7	14.1	7.9	0.2	3.4	13,577
Igembe East Ward	Secondary+	19.8	23.1	22.8	1.0	6.9	21.5	0.1	4.9	2,671
Njia Ward	Total	13.8	25.9	28.7	1.5	11.5	12.6	0.2	5.8	17,127
Njia Ward	None	18.2	22.1	37.2	2.8	12.9	0.2	0.3	6.3	3,376
Njia Ward	Primary	11.4	28.2	29.1	1.2	12.0	12.1	0.2	5.8	10,983

Njia Ward	Secondary+	17.6	21.9	17.1	1.3	7.8	29.4	0.0	5.0	2,768
Kangeta Ward	Total	20.3	17.4	33.9	1.7	6.4	12.5	0.5	7.4	11,779
Kangeta Ward	None	19.5	14.2	42.6	2.6	9.8	0.2	1.1	10.0	2,184
Kangeta Ward	Primary	18.8	19.0	35.7	1.3	6.2	11.7	0.3	6.9	7,511
Kangeta Ward	Secondary+	26.4	14.7	18.0	2.4	3.6	28.2	0.4	6.2	2,084
Igembe North Constituency	Total	13.3	22.1	34.3	1.1	12.6	9.8	0.3	6.5	61,208
Igembe North Constituency	None	12.2	22.9	41.3	1.5	14.2	0.1	0.5	7.4	15,563
Igembe North Constituency	Primary	11.8	22.5	34.9	0.9	13.0	10.6	0.2	6.0	36,251
Igembe North Constituency	Secondary+	20.7	19.0	20.1	1.5	8.2	23.3	0.3	7.0	9,394
Antuambui Ward	Total	17.3	21.4	39.2	1.9	6.9	8.3	0.2	4.7	11,766
Antuambui Ward	None	21.3	20.9	37.5	3.4	9.8	0.1	0.4	6.6	2,955
Antuambui Ward	Primary	15.5	22.5	42.2	1.3	6.3	8.3	0.2	3.7	6,940
Antuambui Ward	Secondary+	17.7	18.1	30.8	1.5	4.6	21.3	0.1	5.8	1,871
Ntunene Ward	Total	21.4	22.9	28.9	1.4	9.4	11.4	0.7	4.0	8,316
Ntunene Ward	None	20.5	22.8	36.6	1.8	11.4	0.2	1.5	5.1	1,400
Ntunene Ward	Primary	17.8	23.2	33.2	0.9	9.6	11.3	0.5	3.5	4,799
Ntunene Ward	Secondary+	30.2	22.2	14.2	2.0	7.4	18.9	0.7	4.3	2,117
Antubetwe Kiongo Ward	Total	15.9	21.1	25.6	0.7	20.4	10.4	0.2	5.7	12,488
Antubetwe Kiongo Ward	None	14.3	19.8	36.2	0.6	21.8	0.1	0.7	6.5	3,108
Antubetwe Kiongo Ward	Primary	15.4	22.1	24.0	0.6	21.9	10.7	0.1	5.3	7,914
Antubetwe Kiongo Ward	Secondary+	21.4	19.1	11.7	1.1	9.5	30.8	0.1	6.3	1,466
Naathu Ward	Total	9.6	24.8	34.9	1.3	8.6	13.2	0.4	7.3	11,972
Naathu Ward	None	8.2	28.3	43.4	1.2	10.9	0.1	0.4	7.5	3,203
Naathu Ward	Primary	8.6	24.8	35.2	1.2	8.5	14.3	0.3	7.1	7,012
Naathu Ward	Secondary+	15.9	18.6	18.0	1.7	5.0	32.5	0.5	7.9	1,757
Amwathi Ward	Total	7.1	20.9	39.6	0.8	15.2	7.4	0.2	8.9	16,666
Amwathi Ward	None	5.5	22.6	46.8	0.9	14.9	0.0	0.2	8.9	4,897
Amwathi Ward	Primary	5.5	21.0	39.4	0.7	15.6	9.0	0.1	8.7	9,586
Amwathi Ward	Secondary+	17.4	16.8	24.0	1.1	13.8	16.7	0.1	10.1	2,183
Tigania West Constituency	Total	14.3	12.2	45.0	0.9	13.4	9.0	0.5	4.8	49,222
Tigania West Constituency	None	12.2	11.4	51.4	1.3	16.7	0.1	1.8	5.0	4,580

Tigania West Constituency	Primary	12.1	12.6	48.6	0.8	13.6	7.3	0.3	4.6	34,487
Tigania West Constituency	Secondary+	22.8	10.8	29.7	1.1	11.1	18.8	0.2	5.4	10,155
Athwana Ward	Total	6.9	10.7	46.2	0.5	17.0	8.4	0.5	9.8	4,777
Athwana Ward	None	6.2	17.4	50.7	0.7	16.1	-	0.7	8.2	834
Athwana Ward	Primary	5.3	9.7	48.3	0.3	17.4	8.2	0.5	10.4	3,272
Athwana Ward	Secondary+	15.5	7.7	30.7	1.2	16.2	19.7	0.3	8.6	671
Akithii Ward	Total	12.4	11.0	41.7	1.6	15.0	13.1	0.4	4.9	12,183
Akithii Ward	None	9.5	8.1	51.1	2.5	20.5	0.3	1.4	6.6	1,103
Akithii Ward	Primary	10.2	11.6	44.5	1.7	15.9	10.9	0.3	4.8	8,648
Akithii Ward	Secondary+	21.5	10.0	27.2	0.9	9.2	26.7	0.2	4.4	2,432
Kianjai Ward	Total	16.7	14.1	41.6	0.7	13.6	8.3	0.7	4.3	13,987
Kianjai Ward	None	13.9	11.3	50.5	1.3	16.0	0.1	3.3	3.7	1,097
Kianjai Ward	Primary	14.4	15.5	46.1	0.4	13.9	5.4	0.5	3.9	9,329
Kianjai Ward	Secondary+	23.7	11.5	27.2	1.2	12.0	18.3	0.4	5.6	3,561
Nkomo Ward	Total	18.6	13.7	42.5	0.7	9.6	8.1	0.4	6.3	9,642
Nkomo Ward	None	19.2	12.8	46.8	0.3	12.8	0.1	2.2	5.7	671
Nkomo Ward	Primary	16.4	14.0	46.7	0.7	9.1	6.4	0.4	6.3	6,783
Nkomo Ward	Secondary+	25.3	13.0	28.4	0.9	10.0	15.7	0.1	6.6	2,188
Mbeu Ward	Total	12.5	9.7	57.0	0.6	13.1	5.8	0.3	1.0	8,633
Mbeu Ward	None	14.1	9.1	57.0	1.1	16.3	0.1	1.1	1.0	875
Mbeu Ward	Primary	10.4	10.0	59.8	0.4	13.0	5.7	0.2	0.6	6,455
Mbeu Ward	Secondary+	22.1	8.5	43.2	1.2	11.4	10.3	0.1	3.2	1,303
Tigania East Constituency	Total	14.2	13.6	53.2	1.1	4.5	9.4	0.4	3.5	58,933
Tigania East Constituency	None	11.8	13.2	61.0	1.8	6.6	0.1	1.1	4.3	7,354
Tigania East Constituency	Primary	12.4	13.9	56.6	0.9	4.4	8.3	0.3	3.2	40,337
Tigania East Constituency	Secondary+	22.1	13.0	36.1	1.2	3.6	19.6	0.1	4.3	11,242
Thangatha Ward	Total	11.8	10.6	68.5	0.5	1.6	5.8	0.3	1.0	16,396
Thangatha Ward	None	11.3	9.6	73.1	1.3	2.4	0.2	1.0	1.1	2,142
Thangatha Ward	Primary	10.3	10.4	70.7	0.4	1.5	5.6	0.2	0.9	11,899
Thangatha Ward	Secondary+	19.6	12.5	53.0	0.5	1.0	11.7	0.1	1.6	2,355
Mikinduri Ward	Total	17.5	14.7	49.3	1.0	5.8	8.3	0.7	2.7	13,325

Mikinduri Ward	None	16.2	13.6	57.6	1.4	5.5	0.3	1.9	3.4	1,500
Mikinduri Ward	Primary	15.9	15.3	51.8	0.9	5.9	7.2	0.6	2.3	9,409
Mikinduri Ward	Secondary+	24.4	13.0	34.5	1.0	5.4	17.5	0.2	4.0	2,416
Kiguchwa Ward	Total	20.5	16.7	46.6	2.0	2.4	8.2	0.3	3.4	7,637
Kiguchwa Ward	None	21.4	16.2	51.1	3.5	4.3	-	0.8	2.8	752
Kiguchwa Ward	Primary	19.7	17.8	49.4	1.7	2.3	5.9	0.3	3.0	4,915
Kiguchwa Ward	Secondary+	22.2	14.1	38.1	2.0	1.8	17.0	0.1	4.7	1,970
Muthara Ward	Total	12.2	16.1	41.3	1.3	9.7	14.1	0.4	4.9	12,417
Muthara Ward	None	7.5	16.9	53.2	1.9	13.8	-	1.0	5.6	1,915
Muthara Ward	Primary	9.8	17.0	44.6	1.1	9.7	12.9	0.3	4.5	7,699
Muthara Ward	Secondary+	22.3	13.0	24.2	1.4	6.7	26.9	0.1	5.4	2,803
Karama Ward	Total	11.1	11.6	53.4	1.3	2.8	12.2	0.2	7.3	9,158
Karama Ward	None	7.8	10.8	62.4	2.5	4.9	0.2	0.7	10.8	1,045
Karama Ward	Primary	9.0	11.6	57.4	1.1	2.7	10.9	0.2	7.1	6,415
Karama Ward	Secondary+	21.5	12.1	32.6	1.4	1.6	24.5	0.1	6.2	1,698
North Imenti Constituency	Total	32.2	15.7	28.5	1.1	5.8	10.0	0.3	6.4	70,149
North Imenti Constituency	None	25.1	11.8	41.3	2.7	7.4	3.5	2.2	6.0	3,437
North Imenti Constituency	Primary	28.5	15.6	37.1	0.7	6.6	5.1	0.3	6.0	35,682
North Imenti Constituency	Secondary+	37.3	16.3	17.1	1.2	4.6	16.3	0.2	6.9	31,030
Municipality Ward	Total	48.8	16.2	7.1	1.8	6.0	11.3	0.2	8.5	13,036
Municipality Ward	None	36.6	20.7	14.1	6.4	8.5	1.2	0.8	11.6	516
Municipality Ward	Primary	45.4	16.9	9.8	1.5	9.5	6.9	0.3	9.7	3,860
Municipality Ward	Secondary+	51.0	15.7	5.5	1.7	4.3	13.8	0.1	7.8	8,660
Ntima East Ward	Total	31.8	32.1	13.2	0.7	5.3	9.5	0.2	7.1	10,291
Ntima East Ward	None	18.8	19.3	19.0	1.1	8.2	25.9	0.8	6.9	378
Ntima East Ward	Primary	30.0	34.5	16.5	0.4	6.3	4.1	0.2	7.9	4,847
Ntima East Ward	Secondary+	34.6	30.7	9.7	1.0	4.2	13.4	0.1	6.3	5,066
Ntima West Ward	Total	30.6	13.9	31.1	0.9	6.4	9.6	0.4	7.0	16,475
Ntima West Ward	None	24.4	8.3	47.2	2.3	7.6	1.0	2.7	6.4	733
Ntima West Ward	Primary	29.0	14.0	36.8	0.8	7.6	4.6	0.4	6.7	8,866
Ntima West Ward	Secondary+	33.4	14.4	21.9	0.9	4.7	17.1	0.2	7.3	6,876

Nyaki West Ward	Total	33.2	11.6	27.4	1.2	8.9	10.8	0.5	6.5	16,316
Nyaki West Ward	None	29.0	10.3	35.8	2.6	13.3	0.8	3.3	4.9	875
Nyaki West Ward	Primary	32.2	11.6	33.3	0.8	9.6	5.8	0.4	6.3	9,007
Nyaki West Ward	Secondary+	35.2	11.8	17.9	1.5	7.2	19.2	0.1	7.0	6,434
Nyaki East Ward	Total	17.9	10.2	57.7	0.6	1.5	8.5	0.4	3.2	14,031
Nyaki East Ward	None	18.2	8.1	65.8	1.7	0.9	0.2	2.0	3.1	935
Nyaki East Ward	Primary	16.5	10.6	63.6	0.4	1.5	4.6	0.3	2.5	9,102
Nyaki East Ward	Secondary+	21.1	9.9	42.3	0.9	1.6	19.3	0.2	4.7	3,994
Buuri Constituency	Total	27.7	10.6	44.1	0.6	4.7	7.7	0.3	4.4	60,327
Buuri Constituency	None	29.2	8.5	47.9	1.5	5.2	0.4	1.3	6.0	3,561
Buuri Constituency	Primary	26.6	10.4	48.8	0.5	4.8	4.6	0.3	4.0	35,242
Buuri Constituency	Secondary+	29.2	11.3	35.7	0.6	4.4	14.0	0.2	4.6	21,524
Timau Ward	Total	32.6	10.2	40.6	0.7	2.7	7.3	0.2	5.6	15,465
Timau Ward	None	30.6	5.7	48.8	1.6	3.2	0.5	0.8	8.8	959
Timau Ward	Primary	29.8	10.0	47.2	0.7	2.5	4.5	0.2	5.1	8,867
Timau Ward	Secondary+	37.3	11.3	29.0	0.6	2.9	12.8	0.1	6.0	5,639
Kisima Ward	Total	36.9	9.8	40.5	0.5	1.9	5.4	0.2	4.8	13,879
Kisima Ward	None	34.7	9.9	44.1	1.6	1.8	0.4	0.7	6.7	939
Kisima Ward	Primary	36.2	9.3	43.2	0.4	1.8	4.0	0.1	5.0	8,310
Kisima Ward	Secondary+	38.5	10.7	35.1	0.6	2.0	8.9	0.1	4.1	4,630
Kiirua/Nuari Ward	Total	22.2	13.1	49.1	0.8	3.3	8.6	0.3	2.6	12,194
Kiirua/Nuari Ward	None	25.1	13.3	50.9	2.4	3.4	0.3	1.6	3.0	676
Kiirua/Nuari Ward	Primary	21.2	12.8	55.3	0.5	3.3	4.8	0.1	2.0	7,238
Kiirua/Nuari Ward	Secondary+	23.4	13.7	38.5	0.9	3.3	16.4	0.3	3.5	4,280
Ruirir/Rwarera Ward	Total	17.9	10.6	50.4	0.5	4.2	10.8	0.5	5.1	8,013
Ruirir/Rwarera Ward	None	24.5	5.4	56.8	0.4	6.2	-	1.6	5.0	498
Ruirir/Rwarera Ward	Primary	14.8	11.4	57.2	0.5	4.9	6.1	0.6	4.5	4,892
Ruirir/Rwarera Ward	Secondary+	22.3	10.1	36.6	0.6	2.4	21.5	0.3	6.2	2,623
Kibirichia Ward	Total	22.1	9.4	43.2	0.4	13.0	8.1	0.5	3.4	10,776
Kibirichia Ward	None	26.4	8.0	40.5	0.8	17.0	0.6	2.5	4.3	489
Kibirichia Ward	Primary	24.4	8.8	44.5	0.2	14.2	4.1	0.6	3.2	5,935

Kibirichia Ward	Secondary+	18.5	10.3	41.6	0.5	11.0	14.3	0.2	3.5	4,352
Central Imenti Constituency	Total	20.5	10.7	51.0	0.8	4.0	9.9	0.5	2.6	53,738
Central Imenti Constituency	None	16.7	8.7	60.3	1.3	5.6	0.4	4.6	2.4	2,922
Central Imenti Constituency	Primary	19.4	11.0	57.1	0.8	3.9	5.3	0.4	2.2	32,063
Central Imenti Constituency	Secondary+	23.2	10.3	39.2	0.7	3.9	19.1	0.2	3.3	18,753
Mwanganthia Ward	Total	18.4	13.7	51.8	0.6	3.3	8.8	0.9	2.4	11,027
Mwanganthia Ward	None	18.1	9.4	54.5	1.2	4.3	0.4	10.0	1.9	668
Mwanganthia Ward	Primary	17.3	14.2	57.0	0.5	3.1	5.2	0.4	2.4	7,037
Mwanganthia Ward	Secondary+	20.8	13.5	40.2	0.8	3.6	18.2	0.3	2.6	3,322
Abothuguchi Central Ward	Total	27.1	9.7	43.5	0.4	5.0	10.5	0.5	3.2	15,853
Abothuguchi Central Ward	None	16.9	5.8	61.4	0.6	8.2	0.5	4.2	2.4	830
Abothuguchi Central Ward	Primary	27.6	10.1	48.3	0.3	5.1	5.4	0.4	2.9	9,455
Abothuguchi Central Ward	Secondary+	27.8	9.7	32.8	0.4	4.4	20.7	0.3	3.8	5,568
Abothuguchi West Ward	Total	20.8	9.0	52.1	0.6	3.6	11.2	0.4	2.4	17,378
Abothuguchi West Ward	None	19.6	6.0	64.5	1.6	2.1	0.6	2.8	2.8	617
Abothuguchi West Ward	Primary	19.8	9.0	61.3	0.3	3.3	4.4	0.5	1.5	8,430
Abothuguchi West Ward	Secondary+	21.8	9.3	41.9	0.7	4.0	18.9	0.1	3.2	8,331
Kiagu Ward	Total	11.7	11.7	60.8	2.0	3.7	7.6	0.4	2.2	9,480
Kiagu Ward	None	13.0	13.1	60.6	2.0	6.7	0.1	2.0	2.5	807
Kiagu Ward	Primary	9.9	11.6	64.1	2.1	3.7	6.4	0.2	2.0	7,141
Kiagu Ward	Secondary+	19.0	11.4	45.4	1.6	2.5	17.0	0.1	3.0	1,532
South Imenti Constituency	Total	22.1	11.5	49.6	0.7	1.4	11.5	0.4	2.7	84,233
South Imenti Constituency	None	20.7	9.8	59.1	2.2	1.7	0.6	2.7	3.0	3,772
South Imenti Constituency	Primary	20.7	11.4	56.6	0.5	1.4	7.0	0.3	2.1	46,984
South Imenti Constituency	Secondary+	24.3	11.9	38.8	0.8	1.3	19.2	0.2	3.4	33,477
Mitunguu Ward	Total	25.0	14.5	45.2	0.6	1.2	10.1	0.3	3.1	9,972
Mitunguu Ward	None	23.2	11.3	57.1	1.8	0.6	0.4	2.1	3.5	487
Mitunguu Ward	Primary	25.4	13.6	49.4	0.4	1.1	7.4	0.2	2.6	6,430
Mitunguu Ward	Secondary+	24.5	16.9	34.4	0.7	1.4	17.5	0.1	4.3	3,055
Igoji East Ward	Total	20.7	9.8	54.1	0.8	0.8	10.4	0.5	3.0	13,000
Igoji East Ward	None	22.9	8.7	60.5	2.5	0.7	0.7	2.0	2.1	608

Igoji East Ward	Primary	18.2	9.5	61.3	0.6	0.7	6.5	0.5	2.7	7,929
Igoji East Ward	Secondary+	24.8	10.5	40.4	0.9	1.1	18.6	0.3	3.5	4,463
Igoji West Ward	Total	16.4	9.1	59.1	0.7	0.9	10.8	0.4	2.6	10,034
Igoji West Ward	None	12.5	7.2	71.1	1.8	1.1	0.4	3.5	2.4	457
Igoji West Ward	Primary	14.5	9.2	67.1	0.5	0.9	5.7	0.2	1.8	5,500
Igoji West Ward	Secondary+	19.3	9.2	47.1	0.8	0.9	18.9	0.2	3.7	4,077
Abogeta East Ward	Total	19.1	11.8	50.2	0.6	3.1	12.1	0.4	2.8	15,704
Abogeta East Ward	None	16.0	14.0	59.3	1.8	3.4	0.5	2.5	2.5	798
Abogeta East Ward	Primary	16.2	12.1	58.3	0.4	3.1	7.2	0.3	2.5	9,601
Abogeta East Ward	Secondary+	24.8	11.1	34.4	0.8	2.9	22.6	0.1	3.3	5,305
Abogeta West Ward	Total	17.1	10.1	53.6	0.7	1.0	14.7	0.4	2.4	14,416
Abogeta West Ward	None	20.5	8.6	57.8	2.9	1.8	1.3	3.4	3.8	625
Abogeta West Ward	Primary	16.5	10.3	60.0	0.4	1.1	9.4	0.4	1.8	7,148
Abogeta West Ward	Secondary+	17.4	10.0	46.2	0.8	0.8	21.8	0.1	3.0	6,643
Nkuene Ward	Total	30.1	13.1	41.4	0.8	1.0	10.7	0.3	2.5	21,107
Nkuene Ward	None	27.2	8.0	53.5	2.5	1.9	0.4	3.0	3.5	797
Nkuene Ward	Primary	30.1	12.8	47.9	0.5	1.0	5.9	0.3	1.5	10,376
Nkuene Ward	Secondary+	30.4	13.9	33.6	0.9	1.1	16.5	0.1	3.4	9,934

Table 26.5: 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 Agri-cultural 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
Meru	Total	19.0	13.4	39.6	1.0	8.3	12.7	.6	5.2	169397
Meru	None	14.0	13.8	49.6	1.9	13.0	.7	1.7	5.3	26056
Meru	Primary	17.6	13.6	43.5	.8	8.6	10.4	.5	5.0	95780
Meru	Secondary+	24.7	12.8	26.4	1.1	5.2	23.8	.3	5.6	47561
Igembe South Constituency	Total	18.1	19.5	33.6	.8	14.2	10.0	.4	3.4	13954
Igembe South Constituency	None	12.2	16.8	48.1	1.2	17.3	.1	1.0	3.2	3041
Igembe South Constituency	Primary	15.6	20.1	35.9	.6	14.0	10.0	.3	3.4	7912
Igembe South Constituency	Secondary+	30.8	20.6	12.8	1.0	11.3	19.9	.1	3.6	3001
Maua Ward	Total	26.8	35.7	9.9	.8	9.6	12.7	.2	4.4	2861
Maua Ward	None	13.0	38.6	22.8	1.8	17.4	.3	1.0	5.2	386
Maua Ward	Primary	20.0	39.7	12.0	.7	10.7	11.9	.1	4.9	1366
Maua Ward	Secondary+	39.9	29.7	2.8	.7	5.5	17.9	0.0	3.5	1109
Kiegu/Antubochiu Ward	Total	21.6	18.3	25.9	1.1	14.9	12.9	.5	4.7	3709
Kiegu/Antubochiu Ward	None	15.7	15.3	41.2	1.8	23.1	0.0	.7	2.2	680
Kiegu/Antubochiu Ward	Primary	17.9	20.4	28.3	.9	14.2	12.2	.5	5.7	1989
Kiegu/Antubochiu Ward	Secondary+	32.6	16.3	11.3	1.2	10.9	22.9	.3	4.5	1040
Athiru Gaiti Ward	Total	10.3	19.7	45.8	.8	16.3	5.1	.2	1.7	2635
Athiru Gaiti Ward	None	6.9	19.0	58.7	1.7	11.6	0.0	.2	1.9	579
Athiru Gaiti Ward	Primary	11.1	20.0	45.7	.6	15.9	4.9	.2	1.6	1764
Athiru Gaiti Ward	Secondary+	12.7	19.9	20.9	.3	28.1	16.1	0.0	2.1	292
Akachiu Ward	Total	16.1	12.3	51.9	.8	9.8	6.4	.7	2.0	2409
Akachiu Ward	None	14.0	14.1	58.3	.9	7.8	.1	1.9	2.8	679
Akachiu Ward	Primary	16.8	12.3	51.7	.6	9.0	7.6	.2	1.9	1403
Akachiu Ward	Secondary+	17.4	8.9	39.4	1.5	17.7	13.8	0.0	1.2	327
Kanuni Ward	Total	12.9	8.5	42.1	.5	20.6	11.3	.7	3.3	2340
Kanuni Ward	None	11.2	7.3	50.2	.4	25.4	.1	1.1	4.3	717
Kanuni Ward	Primary	12.6	8.4	41.8	.2	19.8	14.0	.6	2.6	1390
Kanuni Ward	Secondary+	20.2	13.3	19.3	2.1	10.7	29.6	0.0	4.7	233
Igembe Central Constituency	Total	14.7	16.7	35.5	1.5	11.5	13.0	.4	6.8	20094
Igembe Central Constituency	None	14.4	14.5	45.5	2.4	15.5	.2	.8	6.7	4914
Igembe Central Constituency	Primary	13.9	18.0	35.5	1.1	11.2	13.4	.3	6.7	12129
Igembe Central Constituency	Secondary+	18.7	15.2	19.2	1.5	6.4	31.9	.1	6.9	3051
Akirangundu Ward	Total	11.4	12.8	44.5	2.0	7.6	13.8	.6	7.3	3050
Akirangundu Ward	None	10.2	13.6	50.6	2.8	13.6	0.0	1.0	8.2	934
Akirangundu Ward	Primary	11.9	12.8	44.6	1.6	5.3	16.7	.5	6.6	1615
Akirangundu Ward	Secondary+	12.2	11.4	32.9	1.6	4.0	29.9	0.0	8.0	501
Athiru Ruujine Ward	Total	16.1	16.2	38.8	1.0	13.1	8.4	.2	6.2	4318
Athiru Ruujine Ward	None	14.9	13.6	50.4	1.5	14.8	0.0	.6	4.2	960
Athiru Ruujine Ward	Primary	15.7	16.9	38.8	.8	12.9	7.9	.1	7.0	2784
Athiru Ruujine Ward	Secondary+	20.2	16.9	19.3	1.4	11.0	25.3	.2	5.7	574
Igembe East Ward	Total	12.2	17.7	34.8	1.1	15.4	12.2	.3	6.3	4656
Igembe East Ward	None	8.6	15.2	43.5	2.6	24.1	.1	.6	5.4	1009
Igembe East Ward	Primary	11.2	18.2	35.5	.7	14.9	12.7	.3	6.6	2985
Igembe East Ward	Secondary+	22.4	19.2	18.3	.5	4.8	28.5	0.0	6.3	662

Njia Ward	Total	13.6	19.8	29.6	1.6	12.2	15.6	.4	7.1	4649
Njia Ward	None	17.3	17.0	41.1	2.5	14.2	.3	.9	6.7	1239
Njia Ward	Primary	11.2	22.4	28.7	1.3	12.4	16.8	.3	6.9	2687
Njia Ward	Secondary+	16.3	15.1	13.3	1.1	8.2	37.6	.1	8.3	723
Kangeta Ward	Total	20.9	15.3	32.2	1.9	6.5	15.6	.5	7.2	3421
Kangeta Ward	None	22.0	11.5	42.9	2.7	9.3	.4	1.2	10.0	772
Kangeta Ward	Primary	20.3	17.4	32.8	1.2	6.3	15.2	.3	6.5	2058
Kangeta Ward	Secondary+	21.8	12.7	15.9	3.2	3.6	36.5	.2	6.1	591
Igembe North Constituency	Total	12.7	17.4	34.0	1.3	14.6	12.4	.5	7.1	15894
Igembe North Constituency	None	10.3	19.1	42.6	2.0	18.0	.2	.9	7.0	4789
Igembe North Constituency	Primary	12.4	17.0	33.8	1.0	14.2	14.2	.3	6.9	8507
Igembe North Constituency	Secondary+	18.2	15.6	18.7	1.0	9.5	28.8	.1	8.1	2598
Antuambui Ward	Total	16.3	18.4	42.0	2.3	7.4	8.9	.3	4.4	2934
Antuambui Ward	None	17.8	18.9	45.7	3.2	8.8	0.0	.7	4.9	838
Antuambui Ward	Primary	14.9	19.3	42.3	2.0	7.7	9.6	.2	3.9	1618
Antuambui Ward	Secondary+	18.6	14.6	34.1	1.5	4.0	22.2	0.0	5.0	478
Ntunene Ward	Total	21.4	17.8	26.0	1.4	11.1	16.6	1.2	4.5	2215
Ntunene Ward	None	19.7	17.0	37.8	1.9	17.0	.2	2.4	4.1	466
Ntunene Ward	Primary	18.1	16.5	30.1	1.3	10.7	18.3	1.2	3.8	1112
Ntunene Ward	Secondary+	28.3	20.7	10.4	1.3	7.4	25.6	.3	6.1	637
Antubetwe Kiongo Ward	Total	16.4	16.7	23.8	.6	24.0	12.7	.6	5.3	3452
Antubetwe Kiongo Ward	None	11.9	15.7	33.8	.6	31.7	.5	1.2	4.7	1067
Antubetwe Kiongo Ward	Primary	18.6	16.8	20.4	.6	22.6	15.0	.4	5.5	2030
Antubetwe Kiongo Ward	Secondary+	17.2	18.9	12.4	.3	9.0	36.1	0.0	6.2	355
Naathu Ward	Total	10.8	17.6	33.8	1.5	10.7	17.3	.3	8.0	2594
Naathu Ward	None	9.0	19.8	45.2	3.2	14.5	.1	.6	7.6	779
Naathu Ward	Primary	10.7	18.4	32.9	.7	9.2	20.1	.1	7.9	1359
Naathu Ward	Secondary+	14.5	11.4	17.1	1.3	8.8	38.2	0.0	8.8	456
Amwathi Ward	Total	4.8	16.9	40.4	1.1	16.0	9.6	.2	10.9	4699
Amwathi Ward	None	3.4	21.8	46.9	1.7	15.7	.1	.4	10.1	1639
Amwathi Ward	Primary	3.9	14.9	41.7	.8	16.1	11.6	.0	11.0	2388
Amwathi Ward	Secondary+	11.6	12.5	19.9	.7	16.2	26.2	.1	12.6	672
Tigania West Constituency	Total	11.5	10.3	44.2	.8	14.9	12.7	.8	4.8	19475
Tigania West Constituency	None	10.9	11.9	50.9	1.6	17.5	.3	2.8	4.1	2760
Tigania West Constituency	Primary	10.2	10.2	47.3	.6	15.4	10.9	.4	5.0	12735
Tigania West Constituency	Secondary+	15.8	9.8	29.7	.9	11.6	27.2	.3	4.7	3980
Athwana Ward	Total	4.4	11.5	43.5	.5	20.6	11.7	.4	7.3	2977
Athwana Ward	None	6.5	24.0	43.8	.4	19.9	0.0	.7	4.6	672
Athwana Ward	Primary	3.3	7.9	45.7	.5	21.5	12.2	.3	8.6	1900
Athwana Ward	Secondary+	6.4	7.7	32.8	.7	17.8	29.1	0.0	5.4	405
Akithii Ward	Total	7.8	9.8	42.4	1.3	15.3	17.8	.7	4.9	5216
Akithii Ward	None	7.5	8.0	53.0	3.1	19.7	.3	3.4	4.9	638
Akithii Ward	Primary	6.7	10.2	44.8	1.0	16.4	15.7	.3	4.9	3563
Akithii Ward	Secondary+	11.9	9.7	27.6	1.0	8.8	36.2	.2	4.7	1015
Kianjai Ward	Total	14.6	10.8	42.1	.6	15.1	11.6	1.1	4.1	5411
Kianjai Ward	None	11.7	10.2	49.5	1.4	18.5	.3	4.8	3.5	648
Kianjai Ward	Primary	13.5	11.5	46.0	.4	15.8	8.3	.6	3.8	3338
Kianjai Ward	Secondary+	18.5	9.5	29.8	.6	11.9	24.4	.4	5.0	1425

Nkomo Ward	Total	18.0	11.2	41.4	.8	9.6	11.7	.8	6.5	3318
Nkomo Ward	None	17.7	8.5	53.5	1.7	7.0	1.1	3.4	7.0	355
Nkomo Ward	Primary	16.7	11.3	45.1	.5	9.9	9.0	.5	7.0	2202
Nkomo Ward	Secondary+	21.8	12.2	25.0	1.2	10.1	24.4	.4	4.9	761
Mbeu Ward	Total	12.0	7.9	56.7	.6	14.0	7.2	.6	.9	2553
Mbeu Ward	None	15.7	4.7	58.4	1.3	17.2	.2	1.8	.7	447
Mbeu Ward	Primary	10.7	8.6	59.5	.3	13.0	6.9	.3	.8	1732
Mbeu Ward	Secondary+	13.9	8.6	42.0	1.1	15.0	16.8	.5	2.1	374
Tigania East Constituency	Total	13.0	12.4	48.6	1.2	6.4	13.1	.6	4.6	19792
Tigania East Constituency	None	11.5	13.7	56.8	1.8	9.6	.3	1.5	4.8	3700
Tigania East Constituency	Primary	12.3	12.7	51.3	1.0	6.1	11.8	.4	4.3	12459
Tigania East Constituency	Secondary+	17.0	9.8	31.1	1.4	4.5	30.5	.2	5.6	3633
Thangatha Ward	Total	14.1	10.3	64.9	.4	2.0	6.6	.3	1.5	3958
Thangatha Ward	None	12.8	8.0	73.7	.8	2.7	.1	.5	1.4	847
Thangatha Ward	Primary	13.4	11.1	64.7	.3	1.9	6.7	.3	1.6	2645
Thangatha Ward	Secondary+	20.4	9.9	50.0	.2	.9	17.8	0.0	.9	466
Mikinduri Ward	Total	15.2	13.8	46.5	1.3	6.2	12.3	1.0	3.7	4364
Mikinduri Ward	None	17.4	12.6	54.0	1.7	7.7	.8	3.0	2.8	724
Mikinduri Ward	Primary	14.7	14.4	48.9	1.2	5.5	10.9	.7	3.7	2815
Mikinduri Ward	Secondary+	14.9	13.0	32.0	1.1	7.2	27.2	.2	4.5	825
Kiguchwa Ward	Total	25.5	12.6	41.8	2.7	3.7	8.9	.3	4.5	2112
Kiguchwa Ward	None	24.0	14.5	42.5	5.2	8.0	.9	1.5	3.4	325
Kiguchwa Ward	Primary	27.1	13.4	42.6	2.0	3.1	7.3	.2	4.3	1314
Kiguchwa Ward	Secondary+	22.0	9.3	39.1	2.7	2.5	18.6	0.0	5.7	473
Muthara Ward	Total	8.9	13.4	42.2	1.0	11.9	17.3	.6	4.7	6236
Muthara Ward	None	6.9	18.6	50.8	1.5	16.6	.2	1.4	4.0	1263
Muthara Ward	Primary	7.1	13.3	45.8	.8	12.2	15.6	.5	4.6	3671
Muthara Ward	Secondary+	15.8	8.5	23.7	1.0	6.5	38.9	.1	5.5	1302
Karama Ward	Total	8.6	10.9	48.4	1.8	3.2	16.7	.4	10.1	3122
Karama Ward	None	4.8	12.2	56.9	2.2	7.4	0.0	.9	15.5	541
Karama Ward	Primary	7.5	11.1	52.8	1.5	2.9	15.6	.1	8.3	2014
Karama Ward	Secondary+	15.9	8.6	24.5	2.5	.5	36.3	.7	10.9	567
North Imenti Constituency	Total	30.0	14.5	27.1	1.3	5.0	13.5	.6	8.0	22187
North Imenti Constituency	None	20.8	11.2	42.0	2.6	8.0	6.4	2.5	6.6	1777
North Imenti Constituency	Primary	26.4	15.3	35.3	1.0	6.0	7.7	.6	7.7	10487
North Imenti Constituency	Secondary+	35.5	14.2	15.8	1.4	3.4	20.9	.3	8.5	9923
Municipality Ward	Total	45.6	13.9	6.4	2.2	5.2	14.8	.5	11.4	4583
Municipality Ward	None	32.8	15.5	13.0	4.6	10.1	2.1	.8	21.0	238
Municipality Ward	Primary	40.4	16.0	9.7	1.6	9.1	9.7	.6	12.8	1303
Municipality Ward	Secondary+	48.8	12.9	4.5	2.3	3.2	17.9	.4	10.0	3042
Ntima East Ward	Total	28.6	28.4	13.5	1.1	3.9	15.5	.4	8.5	3418
Ntima East Ward	None	10.3	18.1	17.7	2.2	6.3	36.9	3.0	5.5	271
Ntima East Ward	Primary	26.8	33.4	17.4	.9	5.0	6.4	.3	9.7	1505
Ntima East Ward	Secondary+	33.3	25.5	9.2	1.2	2.4	20.3	.1	7.9	1642
Ntima West Ward	Total	29.3	12.8	30.8	1.2	5.2	10.9	.8	9.0	4900
Ntima West Ward	None	20.0	9.8	49.5	3.2	8.5	1.0	3.2	4.9	410
Ntima West Ward	Primary	27.9	13.3	36.1	1.0	5.6	6.5	.7	9.0	2509
Ntima West Ward	Secondary+	33.2	12.8	20.1	1.2	4.0	18.4	.5	9.8	1981

Nyaki West Ward	Total	29.5	10.1	27.5	1.2	8.2	15.8	.7	7.0	5096
Nyaki West Ward	None	23.4	8.3	43.0	2.6	13.9	.5	3.8	4.5	423
Nyaki West Ward	Primary	28.9	10.5	32.7	1.2	10.0	9.0	.6	7.2	2588
Nyaki West Ward	Secondary+	31.5	9.9	17.9	1.0	4.8	27.2	.2	7.4	2085
Nyaki East Ward	Total	15.3	11.0	56.0	.6	1.7	10.9	.6	3.7	4190
Nyaki East Ward	None	18.9	8.7	64.8	1.1	1.8	.5	1.1	3.0	435
Nyaki East Ward	Primary	15.1	11.1	60.4	.5	1.6	7.4	.8	3.2	2582
Nyaki East Ward	Secondary+	14.7	11.8	43.1	.9	2.0	22.3	.1	5.2	1173
Buuri Constituency	Total	26.3	9.8	40.0	.7	5.9	11.1	.7	5.5	20307
Buuri Constituency	None	23.1	7.2	50.4	1.2	7.9	.4	2.8	7.1	1971
Buuri Constituency	Primary	27.1	9.7	42.7	.4	6.2	8.1	.5	5.3	11228
Buuri Constituency	Secondary+	25.9	10.8	32.8	.9	5.0	18.8	.4	5.4	7108
Timau Ward	Total	32.1	9.5	34.8	.9	3.4	10.9	.5	8.0	5219
Timau Ward	None	23.3	7.6	50.1	1.1	4.8	.2	2.7	10.1	523
Timau Ward	Primary	32.8	9.1	38.1	.6	3.3	7.9	.3	7.8	2889
Timau Ward	Secondary+	33.5	10.7	24.9	1.3	3.1	18.7	.2	7.6	1807
Kisima Ward	Total	36.0	9.1	36.9	.6	1.7	9.1	.3	6.4	4493
Kisima Ward	None	29.8	6.3	49.0	1.5	1.5	.4	1.0	10.6	480
Kisima Ward	Primary	36.0	8.8	38.5	.4	2.0	8.0	.2	6.1	2511
Kisima Ward	Secondary+	38.1	10.4	30.4	.7	1.2	13.5	.2	5.5	1502
Kiirua/Nuari Ward	Total	19.2	12.9	47.0	.4	3.6	12.6	.6	3.7	4159
Kiirua/Nuari Ward	None	20.2	10.5	58.3	.8	5.4	.3	2.2	2.4	372
Kiirua/Nuari Ward	Primary	20.2	12.6	51.5	.3	3.4	8.3	.5	3.1	2293
Kiirua/Nuari Ward	Secondary+	17.5	13.9	37.2	.5	3.3	22.2	.5	5.0	1494
Ruiri/Rwarera Ward	Total	15.5	10.3	47.4	.5	4.8	14.6	1.3	5.6	2564
Ruiri/Rwarera Ward	None	17.6	4.6	57.9	1.5	5.4	.4	6.1	6.5	261
Ruiri/Rwarera Ward	Primary	14.6	11.2	51.7	.4	6.1	10.2	.9	4.9	1483
Ruiri/Rwarera Ward	Secondary+	16.5	10.4	36.5	.4	2.3	27.1	.5	6.5	820
Kibirichia Ward	Total	21.9	7.6	38.3	.8	17.5	9.9	1.0	2.9	3872
Kibirichia Ward	None	20.6	6.0	38.2	1.2	26.6	.9	3.9	2.7	335
Kibirichia Ward	Primary	24.9	7.4	38.2	.2	18.4	6.8	.8	3.3	2052
Kibirichia Ward	Secondary+	18.0	8.4	38.6	1.5	14.2	16.3	.5	2.4	1485
Central Imenti Constituency	Total	18.0	10.0	50.0	.9	4.8	12.7	.6	2.9	15369
Central Imenti Constituency	None	12.6	8.0	66.8	1.9	5.3	.4	2.9	2.2	1385
Central Imenti Constituency	Primary	17.9	10.1	55.7	.8	4.5	7.7	.5	2.7	8615
Central Imenti Constituency	Secondary+	19.6	10.2	36.5	1.0	5.1	24.0	.2	3.4	5369
Mwanganthia Ward	Total	14.9	13.0	51.5	1.1	4.1	12.2	.7	2.4	3345
Mwanganthia Ward	None	9.9	13.4	63.0	1.7	3.1	1.0	4.8	3.1	292
Mwanganthia Ward	Primary	15.2	13.0	56.6	.6	3.9	7.9	.4	2.3	2008
Mwanganthia Ward	Secondary+	15.8	12.8	38.5	1.9	4.9	23.6	.2	2.3	1045
Abothuguchi Central Ward	Total	21.9	9.5	43.2	.6	6.1	14.1	.6	4.0	4528
Abothuguchi Central Ward	None	10.6	5.6	73.2	1.4	5.6	.2	1.7	1.7	414
Abothuguchi Central Ward	Primary	23.1	10.2	47.5	.4	6.3	7.5	.5	4.4	2486
Abothuguchi Central Ward	Secondary+	22.9	9.4	29.1	.7	5.8	27.8	.3	4.1	1628
Abothuguchi West Ward	Total	20.3	8.8	49.5	.7	4.2	13.3	.7	2.4	4880
Abothuguchi West Ward	None	17.9	7.5	63.8	1.9	4.4	.3	3.1	.9	318
Abothuguchi West Ward	Primary	21.5	8.4	57.7	.5	3.3	6.1	.8	1.7	2251
Abothuguchi West Ward	Secondary+	19.6	9.3	39.6	.7	5.0	22.2	.2	3.4	2311

Kiagu Ward	Total	11.0	9.1	60.6	1.8	4.4	9.9	.6	2.6	2616
Kiagu Ward	None	12.2	6.9	65.1	2.8	7.5	0.0	2.5	3.0	361
Kiagu Ward	Primary	9.7	9.0	63.3	1.7	4.1	9.6	.3	2.2	1870
Kiagu Ward	Secondary+	16.1	11.7	43.6	1.0	3.1	20.3	0.0	4.2	385
South Imenti Constituency	Total	23.0	12.1	44.3	.8	1.2	14.7	.8	3.1	22325
South Imenti Constituency	None	20.2	10.5	58.2	2.3	1.3	.6	3.6	3.2	1719
South Imenti Constituency	Primary	22.9	11.7	50.7	.5	1.2	9.6	.7	2.6	11708
South Imenti Constituency	Secondary+	23.8	12.9	33.1	1.0	1.3	24.0	.4	3.7	8898
Mitunguu Ward	Total	23.7	16.3	40.1	1.0	.8	12.4	.9	4.7	2556
Mitunguu Ward	None	23.0	9.3	58.5	3.2	.4	.4	2.4	2.8	248
Mitunguu Ward	Primary	25.6	16.2	42.4	.3	.7	9.3	1.0	4.3	1543
Mitunguu Ward	Secondary+	20.3	18.8	29.4	1.6	1.2	22.5	.1	6.1	765
Igoji East Ward	Total	17.9	9.8	50.5	.8	1.0	15.0	1.1	3.9	3610
Igoji East Ward	None	19.3	10.4	57.1	2.1	0.0	0.0	6.8	4.3	280
Igoji East Ward	Primary	17.1	8.5	58.0	.8	.9	10.5	.8	3.5	2081
Igoji East Ward	Secondary+	19.0	11.8	36.4	.6	1.4	25.9	.2	4.6	1249
Igoji West Ward	Total	18.0	11.8	50.3	.7	1.1	14.1	.5	3.4	2188
Igoji West Ward	None	11.9	6.9	70.0	2.5	0.0	.6	1.9	6.3	160
Igoji West Ward	Primary	18.8	10.5	56.7	.4	.9	9.7	.5	2.5	1166
Igoji West Ward	Secondary+	18.0	14.6	38.1	.7	1.6	22.6	.2	4.2	862
Abogeta East Ward	Total	17.3	11.6	47.6	.5	3.3	15.9	.8	2.9	3903
Abogeta East Ward	None	15.8	13.2	60.7	.6	4.0	.3	3.7	1.7	349
Abogeta East Ward	Primary	16.0	11.5	55.6	.3	3.2	10.6	.5	2.3	2242
Abogeta East Ward	Secondary+	20.0	11.4	30.4	1.0	3.2	29.1	.5	4.3	1312
Abogeta West Ward	Total	21.1	9.2	48.4	.8	.7	17.7	.5	1.7	3666
Abogeta West Ward	None	23.5	9.3	59.3	3.0	1.1	0.0	2.6	1.1	268
Abogeta West Ward	Primary	21.6	8.9	54.5	.3	.9	11.8	.6	1.4	1735
Abogeta West Ward	Secondary+	20.1	9.5	40.2	.8	.4	26.7	.2	2.0	1663
Nkuene Ward	Total	31.9	13.7	36.0	1.0	.7	13.1	.8	2.8	6402
Nkuene Ward	None	23.9	11.4	51.4	2.9	1.2	1.7	3.4	4.1	414
Nkuene Ward	Primary	33.1	14.0	41.6	.6	.6	7.2	.6	2.2	2941
Nkuene Ward	Secondary+	31.8	13.8	28.4	1.1	.8	20.3	.5	3.3	3047

Table 26.6: 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
Meru County	0.036	3,070	0.032	0.348
Igembe South Constituency	0.004	3,080	0.0032	0.373
Maua	0.001	4,960	0.0008	0.376
Kiegu/Antubochiu	0.001	3,790	0.0010	0.324
Athiru Gaiti	0.001	2,290	0.0005	0.310
Akachiu	0.001	2,440	0.0005	0.319
Kanuni	0.001	2,140	0.0004	0.319
Igembe Central Constituency	0.005	2,760	0.0041	0.308
Akirangondu	0.001	2,580	0.0006	0.300

Athiru Ruujine	0.001	2,680	0.0009	0.300
Igembe East	0.001	2,610	0.0009	0.321
Njia	0.001	2,960	0.0010	0.299
Kangeta	0.001	3,040	0.0007	0.308
Igembe North Constituency	0.004	2,320	0.0028	0.337
Antuambui	0.001	2,390	0.0005	0.301
Ntunene	0.001	3,430	0.0005	0.410
Antubetwe Kiongo	0.001	2,180	0.0005	0.303
Naathu	0.001	2,170	0.0005	0.315
Amwathi	0.001	2,000	0.0007	0.312
Tigania West Constituency	0.004	2,980	0.0031	0.289
Athwana	0.000	2,600	0.0004	0.281
Akithii	0.001	2,970	0.0008	0.277
Kianjai	0.001	3,290	0.0009	0.279
Nkomo	0.001	3,180	0.0006	0.291
Mbeu	0.001	2,530	0.0004	0.299
Tigania East Constituency	0.004	2,600	0.0032	0.322
Thangatha	0.001	2,020	0.0006	0.309
Mikinduri	0.001	2,580	0.0007	0.335
Kiguchwa	0.001	3,090	0.0005	0.300
Muthara	0.001	2,850	0.0009	0.309
Karama	0.001	2,770	0.0005	0.297
North Imenti Constituency	0.004	4,760	0.0053	0.384
Municipality	0.001	7,740	0.0015	0.308
Ntima East	0.001	6,530	0.0011	0.359
Ntima West	0.001	3,720	0.0010	0.388
Nyaki West	0.001	3,900	0.0011	0.313
Nyaki East	0.001	3,200	0.0008	0.264
Buuri Constituency	0.004	3,340	0.0035	0.345
Timau	0.001	4,050	0.0011	0.377
Kisima	0.001	3,490	0.0008	0.353
Kiirua/Naari	0.001	3,100	0.0007	0.290
Ruiri/Rwarera	0.000	2,240	0.0003	0.319
Kibirichia	0.001	3,260	0.0006	0.286
Central Imenti Constituency	0.003	2,730	0.0024	0.278
Mwanganthia	0.001	3,250	0.0006	0.273
Abothuguchi Central	0.001	2,980	0.0008	0.274
Abothuguchi West	0.001	2,220	0.0006	0.204
Kiagu	0.001	2,590	0.0004	0.304
South Imenti Constituency	0.005	3,160	0.0043	0.320
Mitunguu	0.001	3,930	0.0006	0.321
Igoji East	0.001	3,500	0.0008	0.309
Igoji West	0.001	2,770	0.0004	0.278
Abogeta East	0.001	3,310	0.0009	0.284
Abogeta West	0.001	2,510	0.0006	0.249
Nkuene	0.001	3,090	0.0010	0.361

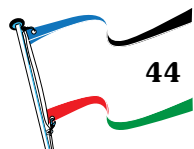


Table 26.7: Education by County, Constituency and Wards

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
Meru County	20.7	61.9	17.5	1,205,470
Igembe South Constituency	24.7	63.2	12.1	117,986
Maua	19.9	55.6	24.5	19,106
Kiegu/Antubochiu	20.1	63.5	16.4	28,936
Athiru Gaiti	24.1	68.7	7.3	23,618
Akachiu	28.4	63.8	7.8	23,661
Kanuni	31.4	62.8	5.8	22,665
Igembe Central Constituency	26.0	64.9	9.1	169,283
Akirangondu	30.3	60.8	8.9	27,384
Athiru Ruujine	24.4	67.3	8.3	38,681
Igembe East	24.4	66.9	8.7	39,082
Njia	26.8	63.8	9.4	37,924
Kangeta	25.4	64.1	10.5	26,212
Igembe North Constituency	31.2	59.7	9.1	135,384
Antuambui	27.6	62.8	9.5	25,366
Ntunene	23.2	60.5	16.3	17,315
Antubetwe Kiongo	33.2	60.3	6.6	28,314
Naathu	31.6	59.7	8.7	25,991
Amwathi	35.5	56.9	7.6	38,398
Tigania West Constituency	20.4	67.5	12.1	120,396
Athwana	29.0	63.9	7.1	15,470
Akithii	19.9	68.8	11.3	31,539
Kianjai	18.6	65.9	15.4	33,078
Nkomo	16.9	68.9	14.1	21,637
Mbeu	21.3	69.6	9.1	18,672
Tigania East Constituency	22.7	66.4	10.9	139,479
Thangatha	23.2	68.7	8.1	35,587
Mikinduri	21.6	67.4	11.0	30,112
Kiguchwa	18.2	67.2	14.6	17,083
Muthara	26.1	61.8	12.2	34,576
Karama	21.8	67.6	10.6	22,121
North Imenti Constituency	13.6	55.4	31.0	132,583
Municipality	10.9	38.7	50.4	23,092
Ntima East	11.4	52.8	35.9	19,079
Ntima West	14.1	57.3	28.6	30,749
Nyaki West	14.4	58.2	27.3	31,975
Nyaki East	15.9	65.8	18.3	27,688
Buuri Constituency	15.9	60.2	24.0	122,410
Timau	16.6	59.1	24.4	31,187
Kisima	15.5	61.4	23.1	27,140
Kiirua/Naari	16.1	60.2	23.8	24,959
Ruiri/Rwarera	15.7	63.3	21.0	16,538
Kibirichia	15.5	57.8	26.7	22,586

Central Imenti Constituency	16.3	60.4	23.3	105,967
Mwanganthia	17.3	62.6	20.1	22,159
Abothuguchi Central	16.1	60.2	23.7	30,849
Abothuguchi West	13.5	53.5	33.1	33,141
Kiagu	20.3	69.8	9.9	19,818
South Imenti Constituency	13.9	59.2	26.9	161,982
Mitunguu	15.2	64.1	20.7	18,879
Igoji East	14.5	63.1	22.4	26,327
Igoji West	13.6	59.2	27.2	18,657
Abogeta East	15.6	62.2	22.2	30,542
Abogeta West	12.3	56.7	31.0	27,668
Nkuene	12.8	53.9	33.4	39,909

Table 26.8: 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
Meru County	18.7	63.3	18.1	592,697	22.6	60.5	16.9	612,773
Igembe South Constituency	23.0	64.4	12.7	58,327	26.4	62.0	11.6	59,659
Maua	19.0	55.4	25.7	9,260	20.8	55.8	23.4	9,846
Kiegu/Antubochiu	18.7	65.1	16.3	14,101	21.5	62.0	16.5	14,835
Athiru Gaiti	22.7	69.5	7.8	11,886	25.5	67.8	6.7	11,732
Akachiu	25.7	65.4	8.9	11,789	31.1	62.3	6.7	11,872
Kanuni	29.1	64.4	6.4	11,291	33.7	61.1	5.2	11,374
Igembe Central Constituency	24.3	66.0	9.7	83,265	27.8	63.8	8.5	86,018
Akirangondu	28.5	62.1	9.4	13,289	31.9	59.6	8.4	14,095
Athiru Ruujine	23.2	67.5	9.3	19,255	25.7	67.1	7.3	19,426
Igembe East	22.7	67.6	9.7	19,833	26.2	66.1	7.7	19,249
Njia	24.5	65.8	9.7	18,323	28.9	61.9	9.2	19,601
Kangeta	23.6	65.6	10.8	12,565	27.0	62.8	10.2	13,647
Igembe North Constituency	29.3	60.8	9.9	65,888	33.1	58.7	8.3	69,496
Antuambui	25.5	64.1	10.5	12,462	29.7	61.7	8.6	12,904
Ntunene	21.4	62.0	16.6	8,424	25.0	59.1	15.9	8,891
Antubetwe Kiongo	31.5	60.9	7.6	13,900	34.8	59.6	5.6	14,414
Naathu	29.7	61.0	9.3	12,597	33.3	58.5	8.2	13,394
Amwathi	33.6	57.8	8.7	18,505	37.3	56.0	6.7	19,893
Tigania West Constituency	18.1	68.7	13.2	56,989	22.5	66.5	11.1	63,407
Athwana	27.5	64.1	8.3	6,927	30.2	63.7	6.1	8,543
Akithii	17.7	69.7	12.6	14,551	21.8	68.0	10.1	16,988
Kianjai	16.2	67.4	16.4	15,758	20.8	64.6	14.6	17,320
Nkomo	14.3	70.6	15.2	10,558	19.5	67.4	13.1	11,079
Mbeu	19.4	70.7	9.9	9,195	23.1	68.5	8.4	9,477
Tigania East Constituency	20.6	67.3	12.1	67,084	24.7	65.5	9.9	72,395
Thangatha	20.7	69.7	9.5	17,543	25.6	67.8	6.7	18,044
Mikinduri	19.6	68.5	11.9	14,697	23.5	66.3	10.2	15,415
Kiguchwa	16.9	67.6	15.5	8,219	19.4	66.8	13.8	8,864

Muthara	24.0	62.3	13.7	15,906	27.8	61.3	10.9	18,670
Karama	19.7	68.6	11.7	10,719	23.8	66.7	9.5	11,402
North Imenti Constituency	11.9	57.2	30.9	66,036	15.3	53.6	31.1	66,547
Municipality	10.3	38.5	51.2	11,211	11.5	38.8	49.7	11,881
Ntima East	9.5	54.6	35.9	9,315	13.2	51.0	35.9	9,764
Ntima West	12.2	59.7	28.1	15,242	16.0	55.0	29.1	15,507
Nyaki West	12.5	60.2	27.3	16,173	16.4	56.2	27.4	15,802
Nyaki East	13.8	67.8	18.4	14,095	18.1	63.7	18.2	13,593
Buuri Constituency	14.2	61.9	23.9	61,519	17.6	58.3	24.0	60,891
Timau	15.2	60.4	24.4	15,726	18.0	57.7	24.4	15,461
Kisima	13.7	62.7	23.6	14,105	17.3	60.1	22.6	13,035
Kiirua/Naari	14.3	62.4	23.3	12,404	17.8	58.0	24.3	12,555
Ruiri/Rwarera	13.7	65.0	21.4	8,206	17.6	61.6	20.7	8,332
Kibirichia	13.5	60.4	26.1	11,078	17.5	55.3	27.3	11,508
Central Imenti Constituency	13.3	63.1	23.6	52,546	19.2	57.8	23.0	53,421
Mwanganthia	14.2	65.6	20.2	11,007	20.4	59.6	20.0	11,152
Abothuguchi Central	12.8	63.0	24.2	15,338	19.3	57.4	23.3	15,511
Abothuguchi West	10.8	56.3	32.9	16,374	16.1	50.7	33.3	16,767
Kiagu	17.4	71.7	10.9	9,827	23.1	68.0	8.9	9,991
South Imenti Constituency	12.3	60.7	27.1	81,043	15.5	57.8	26.7	80,939
Mitunguu	13.4	65.3	21.3	9,778	17.1	62.8	20.1	9,101
Igoji East	13.3	64.5	22.2	13,247	15.7	61.7	22.6	13,080
Igoji West	12.5	60.6	26.8	9,256	14.6	57.7	27.7	9,401
Abogeta East	13.6	63.3	23.2	15,370	17.7	61.1	21.2	15,172
Abogeta West	10.8	57.8	31.4	13,712	13.7	55.7	30.6	13,956
Nkuene	11.0	55.7	33.3	19,680	14.5	52.0	33.4	20,229

Table 26.9: 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
Meru County	0.4	2.6	1.6	0.5	81.9	12.7	0.1	0.3	311,265
Igembe South Constituency	0.4	3.6	1.7	0.7	76.9	16.1	0.1	0.5	29,729
Maua	0.7	12.0	6.2	0.6	35.6	43.2	0.0	1.8	5,418
Kiegu/Antubochiu	0.8	4.2	2.1	1.6	72.5	18.3	0.2	0.4	7,382
Athiru Gaiti	0.1	0.8	0.0	0.2	90.1	8.6	0.1	0.1	5,718
Akachiu	0.1	0.3	0.1	0.6	94.5	4.4	0.0	0.0	5,725
Kanuni	0.1	0.7	0.1	0.5	91.7	6.7	0.1	0.2	5,486
Igembe Central Constituency	0.2	1.9	0.6	0.4	85.7	10.7	0.1	0.4	38,395
Akirangondu	0.3	1.9	0.4	0.4	89.6	7.3	0.0	0.2	5,530
Athiru Ruujine	0.1	1.4	0.9	0.4	87.8	9.0	0.1	0.3	9,008
Igembe East	0.1	2.1	0.3	0.3	83.8	12.2	0.2	1.0	9,845
Njia	0.3	0.7	0.6	0.3	84.0	13.9	0.1	0.1	8,102
Kangeta	0.3	3.9	0.7	0.7	84.4	9.6	0.3	0.1	5,910
Igembe North Constituency	0.3	2.4	0.4	0.4	88.7	7.4	0.1	0.3	29,148

Antuambui	0.2	0.5	0.3	0.5	92.4	5.9	0.2	0.1	5,318
Ntunene	0.6	7.2	1.7	1.3	64.2	23.6	0.1	1.3	4,125
Antubetwe Kiongo	0.2	0.8	0.1	0.2	93.4	5.2	0.1	0.1	5,843
Naathu	0.1	2.3	0.2	0.3	91.8	5.0	0.1	0.3	5,328
Amwathi	0.3	2.4	0.2	0.2	93.2	3.5	0.1	0.1	8,534
Tigania West Constituency	0.2	0.5	0.5	0.3	94.1	4.0	0.2	0.1	28,132
Athwana	0.0	0.2	0.2	0.3	95.9	3.1	0.3	0.0	3,290
Akithii	0.1	0.3	0.4	0.6	94.5	3.8	0.2	0.1	7,248
Kianjai	0.3	0.9	0.7	0.2	92.1	5.4	0.1	0.2	8,072
Nkomo	0.2	0.9	0.6	0.3	93.8	4.0	0.1	0.1	5,191
Mbeu	0.1	0.2	0.0	0.3	96.4	2.7	0.2	0.1	4,331
Tigania East Constituency	0.1	0.9	0.2	0.4	92.8	5.3	0.1	0.1	30,892
Thangatha	0.0	0.2	0.0	0.2	96.7	2.7	0.1	0.0	7,926
Mikinduri	0.1	1.0	0.2	0.7	91.2	6.5	0.1	0.1	7,050
Kiguchwa	0.1	0.5	0.2	0.5	94.8	3.8	0.1	0.0	3,904
Muthara	0.3	1.7	0.4	0.3	90.0	7.2	0.1	0.1	7,528
Karama	0.2	1.3	0.4	0.4	91.2	6.0	0.3	0.2	4,484
North Imenti Constituency	1.1	7.4	6.3	1.1	59.6	24.0	0.1	0.4	40,314
Municipality	2.5	16.4	17.8	2.0	18.6	41.5	0.1	1.0	8,296
Ntima East	1.4	11.7	4.5	2.0	32.5	47.1	0.1	0.7	6,588
Ntima West	0.6	5.3	2.8	0.9	66.6	23.5	0.0	0.2	9,245
Nyaki West	0.9	2.9	5.6	0.6	81.4	8.3	0.0	0.1	8,532
Nyaki East	0.1	1.3	0.4	0.3	94.4	3.2	0.3	0.1	7,653
Buuri Constituency	0.4	2.2	1.3	0.3	73.5	21.8	0.2	0.3	38,826
Timau	0.5	2.3	1.7	0.3	62.4	32.6	0.1	0.2	10,344
Kisima	0.7	3.6	1.8	0.4	60.2	32.8	0.2	0.4	9,390
Kiirua/Naari	0.2	1.5	0.7	0.4	83.7	13.0	0.3	0.2	7,503
Ruiri/Rwarera	0.1	1.3	0.9	0.3	90.9	5.9	0.2	0.5	4,882
Kibirichia	0.2	1.8	0.9	0.2	85.1	11.4	0.2	0.2	6,707
Central Imenti Constituency	0.2	1.1	0.6	0.3	91.9	5.6	0.1	0.1	29,562
Mwanganthia	0.0	0.5	0.3	0.2	93.4	5.3	0.2	0.0	6,188
Abothuguchi Central	0.2	1.2	0.7	0.3	91.7	5.7	0.1	0.1	8,813
Abothuguchi West	0.4	1.7	0.9	0.4	88.9	7.4	0.1	0.2	9,880
Kiagu	0.1	0.3	0.3	0.2	96.9	2.0	0.1	0.1	4,681
South Imenti Constituency	0.4	2.1	1.2	0.4	83.0	12.5	0.1	0.2	46,267
Mitunguu	0.2	2.0	0.8	0.1	72.7	23.4	0.1	0.6	5,650
Igoji East	0.2	1.8	0.8	0.3	88.1	8.5	0.1	0.2	7,434
Igoji West	0.5	1.8	0.3	0.2	87.0	9.7	0.2	0.2	5,510
Abogeta East	0.2	0.9	0.7	0.3	90.6	7.0	0.1	0.3	8,615
Abogeta West	0.4	1.0	0.4	0.2	91.5	6.2	0.1	0.0	7,209
Nkuene	0.8	4.0	3.1	0.8	72.0	19.0	0.0	0.3	11,849

Table 26.10: 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
Meru County	0.4	2.7	1.4	0.5	82.6	11.9	0.1	0.4	221,998
Igembe South Constituency	0.4	3.4	1.5	0.7	78.5	14.9	0.1	0.6	22,483
Maua	0.6	11.6	5.8	0.6	37.5	41.5	0.0	2.4	3,925
Kiegu/Antubochiu	0.8	3.9	1.7	1.5	74.7	16.8	0.2	0.5	5,462
Athiru Gaiti	0.1	0.9	0.0	0.2	90.5	8.1	0.1	0.1	4,431
Akachiu	0.1	0.3	0.1	0.6	94.8	4.0	0.0	0.0	4,421
Kanuni	0.1	0.7	0.1	0.4	91.8	6.6	0.1	0.2	4,244
Igembe Central Constituency	0.2	2.0	0.6	0.4	85.7	10.5	0.2	0.5	28,816
Akirangodu	0.3	1.8	0.3	0.4	89.8	7.2	0.0	0.2	4,248
Athiru Ruujine	0.1	1.5	0.9	0.4	88.3	8.2	0.1	0.4	6,940
Igembe East	0.1	2.2	0.3	0.3	83.9	11.7	0.3	1.3	7,493
Njia	0.3	0.8	0.6	0.3	83.1	14.6	0.1	0.2	5,915
Kangeta	0.3	4.2	0.6	0.7	84.3	9.4	0.3	0.2	4,220
Igembe North Constituency	0.3	2.4	0.4	0.4	88.9	7.1	0.1	0.4	21,681
Antuambui	0.2	0.6	0.2	0.5	92.3	5.9	0.3	0.1	4,007
Ntunene	0.6	6.9	1.4	1.1	65.6	22.7	0.1	1.6	3,050
Antubetwe Kiongo	0.2	0.8	0.1	0.2	93.8	4.7	0.1	0.2	4,346
Naathu	0.0	2.4	0.2	0.3	91.9	4.7	0.2	0.3	4,115
Amwathi	0.3	2.6	0.2	0.2	92.9	3.5	0.1	0.1	6,163
Tigania West Constituency	0.2	0.6	0.5	0.3	94.1	3.9	0.2	0.2	18,221
Athwana	0.1	0.2	0.3	0.2	96.2	2.7	0.3	0.1	1,768
Akithii	0.1	0.4	0.6	0.6	94.2	3.8	0.2	0.2	4,537
Kianjai	0.4	0.9	0.8	0.2	92.2	5.2	0.1	0.3	5,235
Nkomo	0.1	1.0	0.6	0.2	93.7	3.9	0.2	0.2	3,573
Mbeu	0.1	0.2	0.0	0.3	96.6	2.5	0.1	0.2	3,108
Tigania East Constituency	0.2	1.0	0.3	0.4	93.0	4.9	0.1	0.1	21,181
Thangatha	0.1	0.2	0.1	0.3	96.6	2.6	0.1	0.0	5,934
Mikinduri	0.1	1.2	0.2	0.6	91.5	6.1	0.1	0.1	4,927
Kiguchwa	0.1	0.6	0.3	0.5	94.7	3.6	0.1	0.0	2,777
Muthara	0.3	1.8	0.4	0.2	89.7	7.3	0.2	0.1	4,413
Karama	0.2	1.3	0.4	0.4	91.8	5.3	0.3	0.3	3,130
North Imenti Constituency	1.1	7.8	6.1	1.0	60.2	23.1	0.1	0.5	28,252
Municipality	2.6	17.7	17.8	1.8	18.8	40.1	0.1	1.1	5,684
Ntima East	1.6	12.5	4.3	1.9	32.4	46.4	0.1	0.9	4,539
Ntima West	0.5	5.7	2.4	0.8	67.3	22.9	0.0	0.3	6,510
Nyaki West	0.9	3.0	5.4	0.6	81.6	8.2	0.0	0.1	6,045
Nyaki East	0.1	1.6	0.3	0.3	94.4	3.0	0.3	0.1	5,474
Buuri Constituency	0.4	2.5	1.2	0.3	74.1	20.9	0.2	0.4	26,604
Timau	0.5	2.5	1.6	0.3	62.9	31.8	0.1	0.2	7,126
Kisima	0.7	4.2	1.7	0.4	61.8	30.6	0.2	0.5	6,578
Kiirua/Naari	0.2	1.5	0.5	0.5	85.4	11.4	0.2	0.3	5,128
Ruiri/Rwarera	0.1	1.6	0.7	0.3	90.6	5.8	0.3	0.8	3,353
Kibirichia	0.2	2.1	0.8	0.3	84.9	11.3	0.2	0.2	4,419
Central Imenti Constituency	0.2	1.1	0.5	0.4	92.8	4.7	0.1	0.1	21,125
Mwanganthia	0.1	0.6	0.3	0.3	94.2	4.4	0.2	0.0	4,338
Abothuguchi Central	0.2	1.2	0.6	0.3	92.5	4.9	0.1	0.1	6,328
Abothuguchi West	0.4	1.6	0.8	0.5	90.0	6.4	0.1	0.2	7,020

Kiagu	0.1	0.4	0.2	0.3	97.3	1.5	0.1	0.1	3,439
South Imenti Constituency	0.4	2.0	1.1	0.4	84.7	10.9	0.1	0.3	33,635
Mitunguu	0.1	2.1	0.7	0.1	74.3	21.7	0.1	0.7	4,180
Igoji East	0.2	1.7	0.7	0.3	89.6	7.1	0.1	0.2	5,362
Igoji West	0.6	1.7	0.4	0.2	89.1	7.6	0.2	0.3	4,142
Abogeta East	0.2	1.0	0.6	0.2	91.5	6.0	0.1	0.3	6,340
Abogeta West	0.4	0.9	0.3	0.3	93.1	4.9	0.1	0.0	5,341
Nkuene	0.8	4.0	2.8	0.8	74.0	17.3	0.1	0.3	8,270

Table 26.11: 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
Meru County	0.4	2.4	1.8	0.6	80.2	14.5	0.1	0.1	89,267
Igembe South Constituency	0.4	4.2	2.4	0.9	72.1	19.9	0.1	0.1	7,246
Maua	0.8	12.9	7.2	0.6	30.7	47.6	0.1	0.1	1,493
Kiegu/Antubochiu	0.8	5.2	3.1	1.8	66.2	22.6	0.1	0.3	1,920
Athiru Gaiti	-	0.4	0.1	0.2	88.7	10.6	-	-	1,287
Akachiu	-	0.2	0.1	0.6	93.3	5.8	-	0.1	1,304
Kanuni	-	0.6	0.2	0.8	91.3	7.0	0.1	-	1,242
Igembe Central Constituency	0.2	1.6	0.6	0.4	85.7	11.4	0.1	0.1	9,579
Akirangondu	0.1	2.3	0.6	0.4	88.8	7.7	-	-	1,282
Athiru Ruujine	0.1	1.1	0.6	0.2	86.2	11.6	0.0	0.0	2,068
Igembe East	0.1	1.8	0.3	0.2	83.5	13.8	-	0.3	2,352
Njia	0.3	0.4	0.5	0.3	86.3	12.0	0.1	-	2,187
Kangeta	0.4	3.1	0.8	0.9	84.7	9.9	0.2	-	1,690
Igembe North Constituency	0.3	2.3	0.5	0.5	88.2	8.2	0.0	0.1	7,467
Antuambui	0.2	0.2	0.3	0.7	92.7	5.9	0.1	-	1,311
Ntunene	0.7	8.2	2.6	1.7	60.2	26.4	0.1	0.2	1,075
Antubetwe Kiongo	0.3	0.7	0.1	0.1	92.2	6.5	0.1	-	1,497
Naathu	0.1	2.0	0.2	0.2	91.4	5.9	-	0.2	1,213
Amwathi	0.2	1.9	0.1	0.2	94.2	3.4	-	0.1	2,371
Tigania West Constituency	0.2	0.4	0.4	0.4	94.2	4.3	0.1	0.1	9,911
Athwana	-	0.1	0.1	0.3	95.6	3.5	0.3	-	1,522
Akithii	0.1	0.2	0.2	0.6	95.1	3.7	0.1	0.1	2,711
Kianjai	0.2	0.8	0.7	0.3	92.0	5.9	0.1	0.0	2,837
Nkomo	0.3	0.6	0.6	0.4	93.9	4.2	-	0.1	1,618
Mbeu	0.3	0.1	-	0.2	96.0	3.1	0.2	-	1,223
Tigania East Constituency	0.1	0.9	0.2	0.5	92.2	6.1	0.1	0.0	9,711
Thangatha	-	0.1	-	0.2	96.8	3.0	-	-	1,992
Mikinduri	0.1	0.7	0.1	0.8	90.7	7.4	0.1	-	2,123
Kiguchwa	-	0.2	-	0.7	94.9	4.1	0.2	-	1,127
Muthara	0.3	1.5	0.4	0.3	90.4	7.1	0.0	-	3,115
Karama	0.1	1.5	0.3	0.4	89.7	7.7	0.3	0.1	1,354
North Imenti Constituency	1.0	6.3	6.9	1.4	58.0	26.0	0.1	0.2	12,062
Municipality	2.3	13.7	17.8	2.4	18.3	44.6	0.0	0.7	2,612

Ntima East	1.0	10.0	5.0	2.4	32.8	48.6	0.0	0.2	2,049
Ntima West	0.7	4.4	3.8	1.1	65.1	25.0	-	0.0	2,735
Nyaki West	1.0	2.8	6.1	0.6	80.8	8.6	0.1	0.1	2,487
Nyaki East	0.1	0.6	0.6	0.6	94.3	3.6	0.2	0.1	2,179
Buuri Constituency	0.3	1.6	1.5	0.3	72.1	23.9	0.1	0.1	12,222
Timau	0.2	1.7	1.8	0.3	61.4	34.5	-	0.1	3,218
Kisima	0.6	2.3	2.0	0.5	56.5	37.9	0.2	0.1	2,812
Kiirua/Naari	0.2	1.5	1.2	0.3	79.9	16.5	0.3	0.1	2,375
Ruiri/Rwarera	0.1	0.7	1.3	0.3	91.5	6.1	0.1	-	1,529
Kibirichia	0.2	1.3	1.0	0.2	85.5	11.6	0.2	0.0	2,288
Central Imenti Constituency	0.2	1.1	0.8	0.3	89.8	7.7	0.1	0.1	8,437
Mwanganthia	-	0.3	0.5	0.2	91.4	7.4	0.2	0.1	1,850
Abothuguchi Central	0.1	1.0	0.9	0.4	89.6	7.8	0.0	0.1	2,485
Abothuguchi West	0.4	2.1	1.1	0.2	86.3	9.7	0.1	0.1	2,860
Kiagu	0.1	0.2	0.5	0.2	95.8	3.2	0.1	-	1,242
South Imenti Constituency	0.4	2.3	1.6	0.5	78.3	16.7	0.1	0.1	12,632
Mitunguu	0.4	1.6	1.2	-	68.2	28.3	0.1	0.3	1,470
Igoji East	0.0	2.0	1.1	0.5	84.1	12.2	0.0	0.0	2,072
Igoji West	0.2	2.3	0.2	0.1	80.6	16.3	0.3	-	1,368
Abogeta East	0.2	0.7	0.7	0.5	88.1	9.6	0.1	0.0	2,275
Abogeta West	0.6	1.6	0.6	0.2	87.0	10.0	0.1	-	1,868
Nkuene	0.9	4.2	3.8	0.9	67.3	22.9	-	0.1	3,579

Table 26.12: Lighting Fuel by County, Constituency and Wards

County/Constituency/Wards	Electricity	Pressure Lamp	Lantern	Tin Lamp	Gas Lamp	Fuelwood	Solar	Other	Households
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
Meru County	13.7	0.7	28.0	49.2	0.8	1.8	5.5	0.4	221,998
Igembe South Constituency	12.5	0.7	25.3	53.3	1.2	2.6	3.6	0.8	22,483
Maua	41.3	1.8	29.6	23.7	1.0	0.2	1.7	0.6	3,925
Kiegu/Antubochiu	16.4	1.2	34.8	39.6	1.5	1.8	4.5	0.2	5,462
Athiru Gaiti	0.5	0.3	34.6	55.6	1.7	1.9	4.4	1.0	4,431
Akachiu	0.6	0.1	13.0	77.1	0.9	3.9	4.3	0.1	4,421
Kanuni	3.9	0.1	11.2	73.8	1.0	5.3	2.5	2.1	4,244
Igembe Central Constituency	4.5	0.6	24.8	63.6	1.0	2.1	3.0	0.6	28,816
Akirangondu	3.0	1.0	19.3	70.3	0.8	2.6	2.9	0.2	4,248
Athiru Ruujine	4.5	0.2	26.1	63.0	0.6	2.4	2.2	0.9	6,940
Igembe East	4.3	0.4	23.8	65.3	0.6	0.9	4.0	0.9	7,493
Njia	4.1	0.5	29.2	60.3	1.8	1.5	2.3	0.2	5,915
Kangeta	6.8	1.1	23.6	60.0	1.0	3.9	3.5	0.2	4,220
Igembe North Constituency	5.6	0.7	20.9	64.1	0.8	5.5	1.9	0.3	21,681
Antuambui	1.8	1.1	25.7	65.6	0.6	2.9	2.1	0.1	4,007
Ntunene	20.9	0.4	24.7	41.5	0.5	8.3	2.8	0.9	3,050

Antubetwe Kiongo	2.4	0.9	21.4	63.4	1.0	10.0	0.8	0.2	4,346
Naathu	3.6	0.8	19.8	68.1	1.4	2.7	3.2	0.5	4,115
Amwathi	4.2	0.4	16.6	72.1	0.7	4.5	1.3	0.1	6,163
Tigania West Constituency	4.1	0.4	15.9	70.8	0.7	1.3	6.5	0.3	18,221
Athwana	0.6	0.1	8.8	78.7	0.8	3.9	6.9	0.2	1,768
Akithii	3.0	0.2	14.8	73.5	0.7	0.7	6.6	0.3	4,537
Kianjai	7.8	0.7	19.7	64.4	0.5	0.7	6.0	0.2	5,235
Nkomo	4.4	0.4	18.4	67.6	0.9	1.4	6.5	0.4	3,573
Mbeu	1.2	0.6	12.8	76.2	0.7	1.0	7.3	0.2	3,108
Tigania East Constituency	4.1	0.4	17.3	71.3	0.7	2.3	3.5	0.3	21,181
Thangatha	0.5	0.3	11.5	79.7	1.1	2.4	3.8	0.8	5,934
Mikinduri	5.8	0.4	20.0	67.3	0.8	2.2	3.3	0.2	4,927
Kiguchwa	5.8	0.6	17.5	69.2	0.7	1.8	4.3	0.1	2,777
Muthara	5.4	0.4	21.1	66.5	0.5	3.3	2.5	0.2	4,413
Karama	4.2	0.5	16.9	72.5	0.5	1.3	4.0	0.1	3,130
North Imenti Constituency	38.8	0.7	28.7	25.6	0.8	0.3	4.8	0.3	28,252
Municipality	78.6	1.1	9.7	9.2	0.3	0.2	0.6	0.3	5,684
Ntima East	55.2	1.0	23.4	17.5	0.3	0.3	2.0	0.3	4,539
Ntima West	30.8	0.4	41.9	20.7	0.7	0.2	5.0	0.2	6,510
Nyaki West	27.1	0.7	31.0	34.8	1.7	0.3	4.1	0.2	6,045
Nyaki East	4.1	0.4	35.2	46.2	0.9	0.7	12.3	0.2	5,474
Buuri Constituency	14.1	0.9	44.2	28.7	1.0	1.3	9.5	0.4	26,604
Timau	12.7	0.5	47.2	29.4	0.6	1.8	7.5	0.3	7,126
Kisima	20.4	0.4	39.0	29.7	0.7	1.6	7.5	0.7	6,578
Kiirua/Naari	12.5	1.9	44.1	27.3	2.1	0.8	11.1	0.2	5,128
Ruiri/Rwarera	5.5	0.3	42.1	39.0	0.8	1.5	10.5	0.2	3,353
Kibirichia	15.2	1.2	48.5	20.2	0.7	0.7	13.1	0.3	4,419
Central Imenti Constituency	14.6	0.5	35.7	38.4	0.6	0.9	9.1	0.2	21,125
Mwanganthia	4.3	0.0	29.5	50.0	0.3	1.2	14.3	0.2	4,338
Abothuguchi Central	9.3	0.2	39.9	38.3	0.6	0.3	11.2	0.1	6,328
Abothuguchi West	32.3	1.2	42.0	17.4	0.7	0.5	5.6	0.1	7,020
Kiagu	0.8	0.1	22.7	67.4	0.7	2.3	5.6	0.5	3,439
South Imenti Constituency	16.5	0.8	32.1	42.1	0.6	0.8	6.7	0.4	33,635
Mitunguu	15.9	0.5	32.5	39.9	0.9	0.9	8.1	1.3	4,180
Igoji East	9.3	0.3	27.9	56.3	0.3	1.0	4.7	0.1	5,362
Igoji West	8.0	1.7	40.5	36.7	0.4	0.9	11.6	0.2	4,142
Abogeta East	12.5	0.2	21.5	58.6	0.4	0.9	5.6	0.3	6,340
Abogeta West	14.3	2.0	34.3	39.6	0.8	0.9	7.9	0.2	5,341
Nkuene	29.3	0.7	36.9	26.3	0.6	0.5	5.2	0.5	8,270

Table 26.13: 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
Kenya	24.6	0.6	30.4	36.8	0.9	4.2	1.7	0.7	5,762,320
Rural	5.6	0.5	35.3	47.5	1.1	6.8	2.4	0.7	3,413,616
Urban	52.4	0.9	23.3	21.2	0.6	0.4	0.7	0.7	2,348,704
Meru County	13.4	0.7	28.5	48.3	0.8	1.7	6.2	0.4	221,998

Igembe South Constituency	11.6	0.7	25.7	53.3	1.3	2.4	4.1	0.8	22,483
Maua	40.3	2.0	29.4	24.4	1.1	0.2	2.0	0.7	3,925
Kiegu/Antubochiu	14.9	1.1	36.0	39.4	1.5	1.8	5.1	0.3	5,462
Athiru Gaiti	0.5	0.4	35.5	53.7	1.8	1.9	5.1	1.1	4,431
Akachiu	0.7	0.1	13.2	76.8	0.9	3.3	4.9	0.0	4,421
Kanuni	3.8	0.1	11.9	72.9	1.0	5.0	3.0	2.3	4,244
Igembe Central Constituency	4.6	0.6	25.8	62.2	1.0	1.9	3.3	0.7	28,816
Akirangonde	3.0	1.0	19.3	70.5	0.9	2.1	3.0	0.2	4,248
Athiru Ruujine	4.4	0.3	27.5	61.4	0.7	2.2	2.4	1.1	6,940
Igembe East	4.4	0.5	24.4	63.8	0.5	0.8	4.5	1.0	7,493
Njia	4.4	0.6	30.9	57.6	2.0	1.5	2.7	0.3	5,915
Kangeta	7.1	1.2	24.4	58.5	0.9	3.9	3.8	0.2	4,220
Igembe North Constituency	5.5	0.8	21.8	63.2	1.0	5.3	2.1	0.3	21,681
Antuambui	1.7	1.2	26.9	64.5	0.6	2.8	2.2	0.1	4,007
Ntunene	19.8	0.5	25.1	42.0	0.6	7.9	3.1	1.1	3,050
Antubetwe Kiongo	2.1	1.1	22.2	62.7	1.0	9.8	0.9	0.3	4,346
Naathu	3.6	0.8	20.9	66.5	1.7	2.6	3.5	0.5	4,115
Amwathi	4.6	0.4	17.4	71.1	0.8	4.2	1.4	0.1	6,163
Tigania West Constituency	4.2	0.5	16.2	69.8	0.7	1.1	7.1	0.3	18,221
Athwana	0.6	0.2	8.7	78.6	1.0	3.3	7.6	0.2	1,768
Akithii	3.3	0.3	14.5	73.0	0.8	0.7	7.1	0.4	4,537
Kianjai	7.7	0.7	20.0	63.6	0.5	0.8	6.6	0.2	5,235
Nkomo	4.5	0.3	18.9	67.0	0.8	1.3	6.6	0.5	3,573
Mbeu	1.3	0.7	13.5	74.0	0.9	1.0	8.4	0.3	3,108
Tigania East Constituency	4.0	0.4	17.6	70.7	0.8	2.2	4.1	0.4	21,181
Thangatha	0.5	0.2	11.7	79.2	1.1	2.0	4.6	0.7	5,934
Mikinduri	5.8	0.4	20.4	66.6	0.8	2.1	3.7	0.3	4,927
Kiguchwa	4.9	0.6	18.8	68.1	0.8	1.7	4.8	0.2	2,777
Muthara	6.0	0.5	21.5	64.9	0.5	3.4	2.9	0.3	4,413
Karama	4.1	0.5	17.6	71.3	0.5	1.3	4.5	0.2	3,130
North Imenti Constituency	38.5	0.7	29.3	24.6	0.8	0.3	5.5	0.3	28,252
Municipality	79.2	1.1	9.7	8.6	0.2	0.2	0.7	0.4	5,684
Ntima East	56.1	1.2	22.8	16.7	0.2	0.3	2.4	0.3	4,539
Ntima West	30.5	0.4	42.8	19.1	0.8	0.2	6.0	0.3	6,510
Nyaki West	27.1	0.8	32.1	33.3	1.7	0.3	4.6	0.2	6,045
Nyaki East	4.0	0.3	35.7	44.6	0.9	0.7	13.5	0.2	5,474
Buuri Constituency	14.3	0.9	44.5	27.3	0.9	1.2	10.5	0.4	26,604
Timau	13.0	0.5	47.7	27.8	0.5	1.8	8.5	0.3	7,126
Kisima	20.5	0.4	38.8	29.0	0.7	1.5	8.3	0.8	6,578
Kiirua/Naari	12.1	2.0	44.5	26.3	2.0	0.8	11.9	0.2	5,128
Ruiri/Rwarera	5.8	0.4	43.1	36.9	0.8	1.2	11.6	0.3	3,353
Kibirichia	16.0	1.3	49.2	17.6	0.4	0.5	14.6	0.4	4,419
Central Imenti Constituency	14.6	0.5	36.1	37.0	0.6	0.7	10.3	0.2	21,125
Mwanganthia	4.2	0.0	30.0	48.2	0.4	1.1	15.9	0.2	4,338
Abothuguchi Central	9.0	0.2	40.4	36.4	0.6	0.2	12.9	0.2	6,328
Abothuguchi West	33.0	1.2	42.0	16.2	0.7	0.3	6.4	0.1	7,020
Kiagu	0.8	0.1	23.5	66.2	0.8	1.7	6.5	0.5	3,439
South Imenti Constituency	15.6	0.9	32.5	41.4	0.6	0.7	7.9	0.4	33,635

Mitunguu	15.1	0.4	33.3	38.7	0.9	0.8	9.3	1.4	4,180
Igoji East	8.3	0.2	27.7	57.2	0.4	0.9	5.2	0.2	5,362
Igoji West	7.5	1.6	41.0	35.1	0.3	0.7	13.5	0.2	4,142
Abogeta East	12.1	0.2	22.7	57.1	0.4	0.7	6.5	0.3	6,340
Abogeta West	14.2	2.1	33.8	38.8	0.8	0.8	9.2	0.2	5,341
Nkuene	28.3	0.8	37.7	25.5	0.7	0.3	6.3	0.5	8,270

Table 26.14: 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
Meru County	14.3	0.6	26.6	51.5	0.8	2.0	3.9	0.3	89,267
Igembe South Constituency	15.3	0.8	23.8	53.5	1.2	3.0	1.9	0.5	7,246
Maua	43.7	1.5	30.1	21.8	0.9	0.4	1.1	0.5	1,493
Kiegu/Antubochiu	20.7	1.5	31.4	40.4	1.4	1.8	2.8	0.1	1,920
Athiru Gaiti	0.5	0.1	31.3	62.2	1.7	1.8	1.9	0.5	1,287
Akachiu	0.3	0.2	12.2	78.0	0.9	5.9	2.4	0.1	1,304
Kanuni	4.1	0.1	8.8	77.0	1.0	6.4	1.0	1.6	1,242
Igembe Central Constituency	4.2	0.4	21.9	67.8	0.9	2.4	2.1	0.2	9,579
Akirangodu	3.0	0.9	19.2	69.4	0.7	4.1	2.6	0.2	1,282
Athiru Ruujine	4.6	0.2	21.5	68.4	0.3	2.9	1.7	0.3	2,068
Igembe East	4.0	0.3	21.6	69.8	0.7	0.9	2.3	0.3	2,352
Njia	3.4	0.2	24.6	67.4	1.4	1.4	1.5	0.1	2,187
Kangeta	6.1	0.8	21.4	63.6	1.2	3.8	2.8	0.2	1,690
Igembe North Constituency	6.0	0.5	18.3	66.8	0.5	6.2	1.4	0.2	7,467
Antuambui	2.0	0.8	22.2	69.2	0.6	3.4	1.8	-	1,311
Ntunene	24.0	0.3	23.5	40.2	0.2	9.5	2.0	0.4	1,075
Antubetwe Kiongo	3.1	0.3	19.2	65.5	0.9	10.4	0.5	0.1	1,497
Naathu	3.3	0.7	16.1	73.8	0.5	2.8	2.2	0.7	1,213
Amwathi	3.4	0.3	14.5	74.8	0.4	5.3	1.1	0.2	2,371
Tigania West Constituency	3.9	0.4	15.2	72.7	0.7	1.5	5.4	0.2	9,911

Athwana	0.6	0.1	8.9	78.8	0.7	4.6	6.1	0.3	1,522
Akithii	2.5	0.2	15.5	74.5	0.6	0.7	5.7	0.2	2,711
Kianjai	7.9	0.8	19.0	66.0	0.5	0.6	4.9	0.3	2,837
Nkomo	4.3	0.5	17.2	69.0	1.2	1.5	6.1	0.1	1,618
Mbeu	1.1	0.3	11.2	81.6	0.4	1.0	4.3	0.1	1,223
Tigania East Constituency	4.4	0.4	16.8	72.6	0.7	2.7	2.2	0.3	9,711
Thangatha	0.5	0.4	10.7	81.3	1.1	3.6	1.5	1.0	1,992
Mikinduri	5.8	0.3	19.0	69.1	0.8	2.4	2.5	0.0	2,123
Kiguchwa	8.1	0.4	14.3	72.0	0.3	2.0	2.9	-	1,127
Muthara	4.5	0.4	20.6	68.7	0.6	3.1	2.0	0.1	3,115
Karama	4.4	0.6	15.3	75.1	0.5	1.3	2.8	0.1	1,354
North Imenti Constituency	39.3	0.6	27.3	28.2	0.8	0.3	3.2	0.2	12,062
Municipality	77.3	1.1	9.7	10.6	0.4	0.2	0.5	0.1	2,612
Ntima East	53.2	0.7	24.7	19.2	0.3	0.1	1.4	0.3	2,049
Ntima West	31.6	0.3	39.9	24.6	0.5	0.2	2.7	0.1	2,735
Nyaki West	27.1	0.5	28.3	38.7	1.7	0.5	3.0	0.2	2,487
Nyaki East	4.3	0.6	33.8	50.3	1.1	0.6	9.1	0.2	2,179
Buuri Constituency	13.6	0.8	43.5	31.8	1.1	1.5	7.4	0.2	12,222
Timau	12.2	0.7	46.2	33.1	0.7	1.7	5.2	0.2	3,218
Kisima	20.1	0.4	39.5	31.3	0.7	1.7	5.8	0.5	2,812
Kiirua/Naari	13.3	1.9	43.3	29.2	2.2	0.7	9.3	0.1	2,375
Ruri/Rwarera	5.0	0.1	40.0	43.6	0.9	2.1	8.3	-	1,529
Kibirichia	13.8	1.1	47.2	25.3	1.2	1.2	10.1	0.2	2,288
Central Imenti Constituency	14.6	0.5	34.8	41.9	0.5	1.5	6.1	0.2	8,437
Mwanganthia	4.7	0.2	28.2	54.4	0.2	1.7	10.5	0.2	1,850
Abothuguchi Central	10.2	0.2	38.6	43.0	0.4	0.6	7.0	0.1	2,485
Abothuguchi West	30.7	1.3	42.1	20.4	0.8	1.0	3.7	0.1	2,860
Kiagu	0.8	0.1	20.4	71.0	0.4	3.9	3.0	0.5	1,242
South Imenti Constituency	18.7	0.7	31.0	43.9	0.5	1.2	3.6	0.4	12,632
Mitunguu	18.0	1.0	30.1	43.5	0.7	1.2	4.5	1.0	1,470
Igoji East	12.1	0.3	28.5	54.0	0.3	1.3	3.5	0.1	2,072

Igoji West	9.4	1.7	39.1	41.6	0.4	1.6	6.0	0.2	1,368
Abogeta East	13.8	0.1	18.3	62.7	0.4	1.5	3.0	0.3	2,275
Abogeta West	14.6	1.6	35.7	41.9	0.7	1.3	4.1	0.1	1,868
Nkuene	31.8	0.4	35.2	28.1	0.6	0.9	2.6	0.5	3,579

Table 26.15: Main material of the Floor by County, Constituency and Wards

County/Constituency/ wards	Cement	Tiles	Wood	Earth	Other	Households
Kenya	41.2	1.6	0.7	56.0	0.5	8,493,380
Rural	22.1	0.3	0.7	76.5	0.4	5,239,879
Urban	71.8	3.5	0.9	23.0	0.8	3,253,501
Meru County	37.5	0.5	2.1	59.6	0.5	311,265
Igembe South Constituency	37.7	0.2	1.8	60.0	0.3	29,729
Maua	74.4	0.4	0.9	24.0	0.2	5,418
Kiegu/Antubochiu	49.7	0.5	1.9	47.8	0.2	7,382
Athiru Gaiti	22.4	0.1	2.1	75.0	0.5	5,718
Akachiu	18.3	0.0	2.2	79.2	0.3	5,725
Kanuni	21.4	0.1	1.8	76.6	0.2	5,486
Igembe Central Constituency	22.5	0.2	5.6	71.4	0.4	38,395
Akirangodu	21.0	0.1	3.4	75.2	0.3	5,530
Athiru Ruujine	20.8	0.2	14.5	63.6	0.8	9,008
Igembe East	22.5	0.2	5.1	71.9	0.4	9,845
Njia	24.7	0.2	1.1	73.7	0.2	8,102
Kangeta	23.1	0.3	0.8	75.6	0.2	5,910
Igembe North Constituency	23.8	0.2	2.5	73.1	0.4	29,148
Antuambui	23.4	0.3	2.3	73.4	0.6	5,318
Ntunene	43.7	0.3	3.2	52.7	0.2	4,125
Antubetwe Kiongo	15.9	0.1	3.6	80.0	0.4	5,843
Naathu	24.9	0.2	1.9	72.2	0.8	5,328
Amwathi	19.1	0.1	1.8	78.7	0.3	8,534
Tigania West Constituency	19.7	0.2	3.4	75.8	0.9	28,132
Athwana	8.1	0.2	0.4	89.6	1.8	3,290
Akithii	17.5	0.2	1.0	79.5	1.7	7,248
Kianjai	25.9	0.2	1.8	71.8	0.3	8,072
Nkomo	22.3	0.3	12.5	64.5	0.4	5,191
Mbeu	17.7	0.1	1.6	80.4	0.2	4,331
Tigania East Constituency	19.7	0.2	1.1	78.8	0.2	30,892
Thangatha	13.4	0.1	1.5	84.8	0.2	7,926
Mikinduri	27.3	0.1	1.4	71.0	0.2	7,050
Kiguchwa	28.7	0.1	1.1	69.7	0.4	3,904
Muthara	17.4	0.2	0.3	81.9	0.2	7,528
Karama	14.8	0.2	1.3	83.4	0.3	4,484
North Imenti Constituency	63.4	1.6	1.4	33.4	0.2	40,314
Municipality	86.9	3.7	0.6	8.7	0.1	8,296
Ntima East	81.7	0.6	0.3	16.9	0.4	6,588

Ntima West	65.8	0.7	0.8	32.5	0.2	9,245
Nyaki West	49.9	2.2	1.2	46.4	0.3	8,532
Nyaki East	34.2	0.4	4.0	61.2	0.3	7,653
Buuri Constituency	41.5	0.4	1.0	56.2	0.9	38,826
Timau	36.3	0.5	0.8	61.4	1.0	10,344
Kisima	40.1	0.3	1.2	57.7	0.8	9,390
Kiirua/Naari	53.0	0.3	1.3	45.2	0.2	7,503
Ruiru/Rwarera	34.4	0.4	0.9	64.3	0.1	4,882
Kibirichia	43.7	0.4	0.8	52.8	2.3	6,707
Central Imenti Constituency	45.8	0.3	0.9	52.8	0.2	29,562
Mwanganthia	40.7	0.3	1.1	57.9	0.1	6,188
Abothuguchi Central	49.0	0.3	0.8	49.6	0.3	8,813
Abothuguchi West	58.7	0.4	0.8	40.0	0.2	9,880
Kiagu	19.4	0.1	0.9	79.5	0.1	4,681
South Imenti Constituency	49.9	0.5	1.1	47.9	0.5	46,267
Mitunguu	52.6	0.4	1.0	44.0	2.0	5,650
Igoji East	39.7	0.3	1.1	58.5	0.3	7,434
Igoji West	54.9	0.4	1.4	43.1	0.1	5,510
Abogeta East	37.0	0.4	1.1	61.2	0.3	8,615
Abogeta West	43.6	0.4	1.2	54.5	0.3	7,209
Nkuene	66.0	1.0	1.0	31.6	0.4	11,849

Table 26.16: 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
Meru County	37.6	0.5	2.2	59.2	0.5	221,998	37.1	0.4	1.7	60.3	0.5	89,267
Igembe South Constituency	37.4	0.2	1.9	60.2	0.3	22,483	38.5	0.2	1.5	59.5	0.3	7,246
Maua	73.6	0.4	1.0	24.6	0.3	3,925	76.4	0.5	0.7	22.4	0.1	1,493
Kiegu/Antubochiu	49.4	0.6	1.7	48.1	0.2	5,462	50.3	0.3	2.4	46.8	0.2	1,920
Athiru Gaiti	23.0	0.0	2.3	74.2	0.5	4,431	20.2	0.2	1.6	77.5	0.6	1,287
Akachiu	19.3	0.0	2.4	77.9	0.2	4,421	14.7	-	1.3	83.5	0.5	1,304
Kanuni	22.2	-	2.0	75.5	0.2	4,244	18.4	0.2	1.2	80.0	0.1	1,242
Igembe Central Constituency	23.1	0.2	6.0	70.3	0.4	28,816	20.7	0.2	4.1	74.6	0.4	9,579
Akirangondu	21.2	0.1	3.7	74.7	0.3	4,248	20.1	0.2	2.5	76.8	0.3	1,282
Athiru Ruujine	21.1	0.3	15.8	62.0	0.8	6,940	20.0	0.1	10.2	69.0	0.7	2,068
Igembe East	23.0	0.1	5.0	71.5	0.3	7,493	21.0	0.3	5.4	72.8	0.5	2,352

Njia	26.3	0.3	1.2	72.0	0.2	5,915	20.5	0.0	0.8	78.5	0.2	2,187
Kangeta	23.8	0.3	0.9	74.9	0.1	4,220	21.5	0.3	0.6	77.3	0.2	1,690
Igembe North Constituency	24.3	0.2	2.5	72.5	0.5	21,681	22.2	0.1	2.4	75.0	0.3	7,467
Antuambui	24.6	0.3	2.2	72.2	0.6	4,007	19.8	0.1	2.4	77.2	0.5	1,311
Ntunene	42.2	0.3	3.3	54.0	0.2	3,050	48.1	0.3	2.8	48.7	0.1	1,075
Antubetwe Kiongo	16.1	0.1	3.5	79.9	0.4	4,346	15.2	0.1	3.7	80.5	0.4	1,497
Naathu	25.8	0.2	2.2	70.9	0.9	4,115	21.8	0.1	1.1	76.5	0.6	1,213
Amwathi	20.1	0.1	1.7	77.7	0.4	6,163	16.5	0.0	2.0	81.3	0.2	2,371
Tigania West Constituency	19.9	0.2	3.8	75.3	0.9	18,221	19.5	0.2	2.7	76.9	0.8	9,911
Athwana	7.9	0.1	0.3	89.8	1.9	1,768	8.3	0.2	0.5	89.4	1.6	1,522
Akithii	18.3	0.2	1.3	78.3	2.0	4,537	16.3	0.2	0.6	81.5	1.4	2,711
Kianjai	25.8	0.2	1.9	71.7	0.3	5,235	26.1	0.2	1.4	72.1	0.2	2,837
Nkomo	21.6	0.2	13.1	64.6	0.4	3,573	23.7	0.4	11.2	64.3	0.4	1,618
Mbeu	16.9	0.1	1.7	81.0	0.2	3,108	19.7	0.2	1.4	78.7	0.1	1,223
Tigania East Constituency	20.2	0.2	1.1	78.2	0.2	21,181	18.5	0.1	1.0	80.1	0.3	9,711
Thangatha	14.0	0.2	1.6	84.1	0.2	5,934	11.5	0.1	1.3	86.8	0.3	1,992
Mikinduri	27.8	0.2	1.2	70.6	0.2	4,927	26.0	0.0	1.7	72.0	0.2	2,123
Kiguchwa	29.6	0.1	1.1	68.9	0.3	2,777	26.3	-	1.2	72.0	0.6	1,127
Muthara	18.3	0.2	0.2	81.0	0.2	4,413	16.1	0.2	0.4	83.1	0.2	3,115
Karama	14.4	0.3	1.3	83.7	0.3	3,130	15.7	0.2	1.2	82.7	0.1	1,354
North Imenti Constituency	63.4	1.6	1.4	33.3	0.3	28,252	63.5	1.4	1.2	33.7	0.2	12,062
Municipality	86.7	3.9	0.6	8.6	0.2	5,684	87.2	3.2	0.4	9.1	0.1	2,612
Ntima East	82.6	0.6	0.3	16.1	0.4	4,539	79.7	0.6	0.4	18.9	0.3	2,049
Ntima West	66.6	0.8	0.8	31.6	0.2	6,510	63.9	0.4	0.8	34.7	0.1	2,735
Nyaki West	50.1	2.2	1.1	46.3	0.3	6,045	49.5	2.1	1.4	46.6	0.4	2,487
Nyaki East	33.9	0.3	4.2	61.2	0.3	5,474	35.0	0.5	3.3	60.9	0.3	2,179
Buuri Constituency	41.5	0.5	1.0	56.2	0.9	26,604	41.5	0.2	1.0	56.3	0.9	12,222
Timau	35.5	0.6	0.9	62.0	1.1	7,126	38.0	0.2	0.7	60.1	0.9	3,218
Kisima	40.6	0.3	1.1	57.1	0.9	6,578	39.0	0.2	1.4	58.9	0.5	2,812
Kiirua/Naari	52.3	0.3	1.2	46.0	0.1	5,128	54.6	0.3	1.3	43.5	0.3	2,375
Ruiri/Rwarera	35.0	0.4	0.8	63.8	0.1	3,353	33.1	0.3	1.1	65.5	0.1	1,529

Kibirichia	44.7	0.6	0.9	51.8	2.1	4,419	41.7	0.1	0.7	54.8	2.6	2,288
Central Imenti Constituency	45.9	0.3	0.9	52.7	0.2	21,125	45.4	0.3	0.9	53.3	0.2	8,437
Mwanganthia	40.8	0.3	1.0	57.8	0.1	4,338	40.5	0.2	1.2	58.0	0.1	1,850
Abothuguchi Central	50.0	0.3	0.8	48.5	0.3	6,328	46.3	0.4	0.7	52.4	0.2	2,485
Abothuguchi West	58.5	0.4	0.7	40.2	0.2	7,020	59.1	0.3	0.9	39.4	0.2	2,860
Kiagu	19.4	0.1	1.0	79.4	0.2	3,439	19.5	-	0.6	79.9	-	1,242
South Imenti Constituency	49.7	0.6	1.1	48.1	0.5	33,635	50.6	0.4	1.2	47.3	0.6	12,632
Mitunguu	53.1	0.5	1.1	43.5	1.9	4,180	51.2	0.4	0.7	45.4	2.3	1,470
Igoji East	37.7	0.3	1.1	60.5	0.3	5,362	44.9	0.3	1.1	53.3	0.4	2,072
Igoji West	54.9	0.5	1.2	43.3	0.1	4,142	55.0	0.1	2.3	42.6	-	1,368
Abogeta East	37.0	0.5	1.2	61.1	0.3	6,340	36.9	0.2	1.1	61.5	0.3	2,275
Abogeta West	43.8	0.3	1.3	54.3	0.3	5,341	43.1	0.4	1.0	55.2	0.2	1,868
Nkuene	66.6	1.1	1.0	30.9	0.4	8,270	64.7	0.7	1.1	33.0	0.5	3,579

Table 26.17: 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
Meru County	92.9	0.8	0.3	3.1	2.1	0.3	0.1	0.1	0.2	311,265
Igembe South Constituency	93.3	0.7	0.1	2.9	2.2	0.4	0.1	0.3	0.1	29,729
Maua	95.9	0.3	0.0	3.3	0.3	0.0	0.0	0.0	0.1	5,418
Kiegu/Antubochiu	95.4	1.0	0.1	2.6	0.3	0.1	0.0	0.5	0.0	7,382
Athiru Gaiti	96.7	0.5	0.0	0.2	2.2	0.1	0.1	0.1	0.1	5,718
Akachiu	92.6	0.8	0.0	3.0	2.7	0.7	0.2	0.0	0.0	5,725
Kanuni	85.0	0.6	0.5	5.7	6.2	0.9	0.1	0.7	0.3	5,486
Igembe Central Constituency	92.8	0.7	0.0	2.8	2.8	0.2	0.2	0.1	0.2	38,395
Akirangondu	94.6	0.5	0.1	3.4	1.1	0.1	0.1	0.1	0.0	5,530
Athiru Ruujine	89.4	0.6	0.0	3.5	5.6	0.2	0.1	0.1	0.6	9,008
Igembe East	93.4	0.8	0.0	4.0	1.4	0.3	0.0	0.1	0.1	9,845
Njia	95.1	0.8	0.0	1.4	1.5	0.1	0.8	0.2	0.0	8,102
Kangeta	92.5	0.6	0.1	1.4	4.5	0.3	0.1	0.3	0.1	5,910
Igembe North Constituency	88.8	0.6	0.1	6.9	2.7	0.4	0.3	0.3	0.1	29,148
Antuambui	89.8	0.7	0.1	8.2	0.8	0.1	0.2	0.1	0.0	5,318
Ntunene	95.0	0.7	0.3	2.0	1.4	0.3	0.2	0.1	0.0	4,125
Antubetwe Kiongo	83.6	0.7	0.0	8.3	6.8	0.3	0.3	0.1	0.0	5,843
Naathu	85.4	0.5	0.0	12.4	0.7	0.1	0.2	0.6	0.1	5,328
Amwathi	90.7	0.6	0.1	3.9	3.0	0.9	0.4	0.3	0.2	8,534
Tigania West Constituency	91.2	0.7	0.0	3.6	3.6	0.3	0.3	0.1	0.1	28,132

Athwana	89.1	0.7	0.1	1.6	8.2	0.3	0.1	0.0	0.0	3,290
Akithii	90.4	0.5	0.0	4.0	4.7	0.2	0.1	0.1	0.1	7,248
Kianjai	95.8	0.9	0.0	1.4	1.5	0.1	0.1	0.1	0.1	8,072
Nkomo	92.4	1.2	0.0	3.3	1.5	0.2	1.3	0.0	0.1	5,191
Mbeu	84.5	0.4	0.0	8.9	4.9	0.9	0.0	0.0	0.2	4,331
Tigania East Constituency	88.7	0.8	0.1	3.2	5.8	0.8	0.2	0.1	0.2	30,892
Thangatha	87.0	0.8	0.0	1.6	8.6	1.3	0.6	0.0	0.1	7,926
Mikinduri	90.3	0.8	0.2	4.1	3.3	1.1	0.0	0.0	0.1	7,050
Kiguchwa	92.5	0.5	0.0	4.6	1.5	0.7	0.1	0.1	0.1	3,904
Muthara	85.7	1.1	0.0	4.0	7.9	0.7	0.0	0.0	0.5	7,528
Karama	90.8	0.8	0.1	2.5	5.2	0.1	0.2	0.1	0.2	4,484
North Imenti Constituency	92.9	1.5	1.5	3.7	0.2	0.0	0.1	0.0	0.1	40,314
Municipality	84.5	3.6	3.9	7.7	0.1	0.0	0.1	0.0	0.1	8,296
Ntima East	93.8	0.6	2.2	2.9	0.0	0.0	0.0	0.0	0.3	6,588
Ntima West	96.5	0.6	0.7	2.0	0.1	0.0	0.1	0.0	0.0	9,245
Nyaki West	95.7	1.8	0.8	1.3	0.1	0.1	0.1	0.0	0.1	8,532
Nyaki East	93.6	0.8	0.0	4.7	0.6	0.1	0.0	0.1	0.1	7,653
Buuri Constituency	93.2	0.5	0.1	3.1	1.5	0.8	0.1	0.1	0.7	38,826
Timau	91.9	0.4	0.1	2.9	3.0	0.6	0.1	0.1	1.0	10,344
Kisima	90.8	0.7	0.1	3.4	2.3	2.5	0.1	0.0	0.2	9,390
Kiirua/Naari	96.3	0.5	0.1	2.4	0.4	0.1	0.1	0.0	0.0	7,503
Ruiri/Rwarera	93.4	0.6	0.1	5.5	0.3	0.0	0.1	0.0	0.0	4,882
Kibirichia	94.7	0.5	0.0	2.3	0.1	0.0	0.0	0.0	2.2	6,707
Central Imenti Constituency	97.2	0.6	0.0	0.8	1.1	0.1	0.0	0.0	0.1	29,562
Mwanganthia	98.0	0.7	0.0	0.2	0.9	0.1	0.0	0.0	0.1	6,188
Abothuguchi Central	98.8	0.6	0.0	0.2	0.2	0.0	0.0	0.0	0.1	8,813
Abothuguchi West	98.3	0.5	0.1	0.9	0.1	0.0	0.0	0.0	0.1	9,880
Kiagu	91.0	0.6	0.0	2.5	5.3	0.1	0.0	0.2	0.1	4,681
South Imenti Constituency	96.1	0.7	0.2	1.8	0.7	0.1	0.0	0.1	0.4	46,267
Mitunguu	95.1	0.5	0.1	0.9	1.4	0.1	0.1	0.1	1.9	5,650
Igoji East	94.3	0.4	0.1	3.5	1.4	0.0	0.0	0.1	0.2	7,434
Igoji West	95.8	1.5	0.0	2.0	0.2	0.2	0.1	0.3	0.0	5,510
Abogeta East	96.0	0.7	0.2	1.8	0.8	0.2	0.0	0.1	0.2	8,615
Abogeta West	98.8	0.4	0.0	0.2	0.5	0.0	0.0	0.0	0.0	7,209
Nkuene	96.2	0.7	0.6	1.9	0.2	0.1	0.0	0.0	0.3	11,849

Table 26.18: 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
Meru County	93.0	0.8	0.3	3.1	2.0	0.3	0.1	0.1	0.2	221,998
Igembe South Constituency	93.3	0.7	0.1	2.9	2.2	0.3	0.1	0.3	0.1	22,483

Maua	96.3	0.3	0.0	3.0	0.3	-	-	-	0.2	3,925
Kiegu/Antubochiu	95.6	0.9	0.1	2.6	0.3	0.1	0.0	0.4	0.0	5,462
Athiru Gaiti	96.6	0.5	0.0	0.2	2.3	0.2	0.1	0.1	0.0	4,431
Akachiu	92.9	0.9	0.0	2.8	2.5	0.6	0.2	0.0	-	4,421
Kanuni	84.7	0.6	0.6	6.0	6.1	0.9	0.1	0.7	0.4	4,244
Igembe Central Constituency	92.8	0.7	0.0	2.9	2.8	0.2	0.2	0.1	0.2	28,816
Akirangodu	94.6	0.6	0.0	3.5	1.0	0.2	0.0	0.1	0.0	4,248
Athiru Ruujine	89.0	0.6	0.0	3.6	5.8	0.2	0.1	0.1	0.6	6,940
Igembe East	93.4	0.8	0.0	4.0	1.3	0.3	0.0	0.1	0.1	7,493
Njia	95.2	0.8	0.0	1.5	1.3	0.1	0.9	0.3	0.0	5,915
Kangeta	92.7	0.7	0.1	1.4	4.3	0.3	0.2	0.2	0.2	4,220
Igembe North Constituency	89.1	0.6	0.1	6.7	2.6	0.3	0.3	0.3	0.1	21,681
Antuambui	90.5	0.6	0.1	7.8	0.7	0.0	0.1	0.1	0.0	4,007
Ntunene	95.1	0.6	0.4	1.8	1.4	0.3	0.2	0.1	-	3,050
Antubetwe Kiongo	84.1	0.6	0.0	7.8	6.8	0.2	0.3	0.1	-	4,346
Naathu	85.7	0.4	0.0	12.1	0.7	0.1	0.1	0.8	0.1	4,115
Amwathi	90.9	0.6	0.1	4.1	2.6	0.7	0.5	0.2	0.3	6,163
Tigania West Constituency	91.3	0.8	0.0	3.8	3.3	0.3	0.3	0.1	0.1	18,221
Athwana	88.6	1.1	0.2	2.1	7.5	0.3	0.1	-	0.1	1,768
Akithii	90.3	0.4	-	4.5	4.3	0.2	0.1	0.1	0.1	4,537
Kianjai	96.1	0.9	0.0	1.4	1.2	0.1	0.1	0.1	0.1	5,235
Nkomo	92.4	1.2	-	3.4	1.6	0.3	1.0	0.0	0.1	3,573
Mbeu	85.1	0.4	-	8.4	4.7	1.0	0.0	0.0	0.3	3,108
Tigania East Constituency	89.0	0.8	0.1	3.2	5.6	0.8	0.2	0.1	0.2	21,181
Thangatha	87.6	0.8	-	1.7	8.2	1.1	0.5	0.0	0.1	5,934
Mikinduri	90.6	0.8	0.1	4.0	3.1	1.1	0.0	0.0	0.1	4,927
Kiguchwa	93.1	0.5	0.0	4.4	1.2	0.6	0.1	0.1	0.1	2,777
Muthara	85.7	1.1	0.0	4.1	7.8	0.7	-	0.0	0.5	4,413
Karama	90.0	0.9	0.1	2.8	5.6	0.1	0.2	0.1	0.3	3,130
North Imenti Constituency	92.8	1.5	1.5	3.7	0.2	0.0	0.1	0.0	0.1	28,252
Municipality	84.3	3.6	4.1	7.8	0.1	0.0	0.1	-	0.1	5,684

Ntima East	93.4	0.7	2.5	3.0	0.0	0.0	0.0	-	0.4	4,539
Ntima West	96.6	0.7	0.6	2.0	0.1	-	0.1	0.0	-	6,510
Nyaki West	95.7	1.8	0.6	1.5	0.2	0.1	0.1	0.0	0.1	6,045
Nyaki East	93.7	0.9	0.0	4.5	0.6	0.1	0.0	0.0	0.1	5,474
Buuri Constituency	93.1	0.5	0.1	3.0	1.6	0.9	0.1	0.1	0.7	26,604
Timau	91.8	0.3	0.1	2.6	3.2	0.7	0.1	0.2	1.1	7,126
Kisima	90.6	0.8	0.1	3.3	2.1	2.8	0.1	0.0	0.2	6,578
Kiirua/Naari	96.1	0.6	0.1	2.5	0.5	0.1	0.1	0.0	-	5,128
Ruiru/Rwarera	93.7	0.6	0.1	5.1	0.4	0.0	0.1	0.1	0.1	3,353
Kibirichia	95.0	0.5	0.0	2.3	0.2	0.0	0.0	0.0	2.0	4,419
Central Imenti Constituency	97.3	0.6	0.0	0.8	1.0	0.1	0.0	0.0	0.1	21,125
Mwanganthia	98.1	0.7	-	0.2	0.7	0.1	0.0	0.0	0.1	4,338
Abothuguchi Central	98.8	0.6	0.0	0.2	0.1	0.0	0.0	-	0.1	6,328
Abothuguchi West	98.5	0.5	0.1	0.9	0.0	0.0	0.0	-	0.0	7,020
Kiagu	91.2	0.7	0.0	2.6	4.9	0.1	0.0	0.2	0.2	3,439
South Imenti Constituency	96.2	0.7	0.2	1.7	0.6	0.1	0.0	0.1	0.4	33,635
Mitunguu	95.2	0.5	0.1	0.9	1.3	0.0	0.1	0.1	1.8	4,180
Igoji East	94.4	0.4	0.1	3.4	1.4	0.0	0.0	0.1	0.2	5,362
Igoji West	95.8	1.6	-	1.8	0.2	0.2	0.0	0.3	-	4,142
Abogeta East	96.1	0.8	0.1	1.9	0.8	0.2	-	0.0	0.2	6,340
Abogeta West	99.0	0.3	-	0.2	0.3	0.1	0.0	-	0.0	5,341
Nkuene	96.4	0.8	0.5	1.8	0.1	0.1	0.0	-	0.2	8,270

Table 26.19: 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	House-holds
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
Meru County	92.6	0.7	0.3	3.2	2.4	0.3	0.1	0.1	0.2	89,267
Igembe South Constituency	93.1	0.7	0.1	3.0	2.2	0.4	0.0	0.4	0.1	7,246
Maua	95.0	0.4	-	4.2	0.3	-	-	0.1	0.1	1,493
Kiegu/Antubochiu	94.8	1.3	0.1	2.7	0.3	0.1	-	0.8	-	1,920
Athiru Gaiti	96.9	0.5	0.1	0.4	1.7	0.1	-	0.2	0.2	1,287

Akachiu	91.3	0.7	0.1	3.4	3.4	1.1	-	-	0.1	1,304
Kanuni	86.0	0.5	0.2	4.5	6.8	1.1	0.2	0.7	-	1,242
Igembe Central Constituency	93.1	0.6	0.1	2.6	3.0	0.2	0.2	0.1	0.1	9,579
Akirangondu	94.5	0.3	0.1	3.3	1.4	0.1	0.2	0.1	0.1	1,282
Athiru Ruujine	90.7	0.4	-	3.1	4.6	0.3	0.1	0.2	0.5	2,068
Igembe East	93.3	0.8	0.1	4.0	1.5	0.2	-	0.1	0.0	2,352
Njia	95.0	0.7	-	1.3	2.1	0.0	0.7	0.0	-	2,187
Kangeta	92.2	0.5	0.1	1.5	5.2	0.2	-	0.3	-	1,690
Igembe North Constituency	87.8	0.7	0.1	7.2	3.1	0.6	0.2	0.3	0.0	7,467
Antuambui	87.7	1.0	0.1	9.5	1.2	0.2	0.2	0.1	-	1,311
Ntunene	94.5	0.8	0.2	2.3	1.3	0.3	0.4	0.2	-	1,075
Antubetwe Kiongo	81.9	0.8	0.1	9.6	6.8	0.4	0.3	0.1	-	1,497
Naathu	84.3	0.9	-	13.7	0.7	-	0.2	0.2	-	1,213
Amwathi	90.2	0.5	0.1	3.4	3.9	1.3	0.1	0.5	0.0	2,371
Tigania West Constituency	91.1	0.6	0.0	3.2	4.3	0.3	0.4	0.1	0.0	9,911
Athwana	89.6	0.2	-	1.0	8.9	0.3	-	-	-	1,522
Akithii	90.6	0.6	-	3.2	5.3	0.3	-	0.1	-	2,711
Kianjai	95.2	0.8	-	1.5	2.0	0.1	0.1	0.1	0.1	2,837
Nkomo	92.3	1.1	-	3.2	1.3	0.1	1.9	-	0.1	1,618
Mbeu	82.9	0.3	0.1	10.3	5.6	0.7	0.1	-	-	1,223
Tigania East Constituency	88.0	0.8	0.1	3.2	6.4	0.9	0.2	0.1	0.2	9,711
Thangatha	85.1	0.8	-	1.3	9.8	1.8	1.0	0.1	0.2	1,992
Mikinduri	89.5	0.8	0.3	4.1	3.9	1.1	0.0	0.0	0.0	2,123
Kiguchwa	90.9	0.4	-	5.2	2.5	0.9	-	-	0.1	1,127
Muthara	85.8	1.1	0.0	3.8	8.1	0.6	-	0.0	0.5	3,115
Karama	92.7	0.6	0.1	1.8	4.2	0.1	0.2	0.1	0.1	1,354
North Imenti Constituency	92.9	1.5	1.5	3.8	0.1	0.0	0.1	0.0	0.1	12,062
Municipality	85.0	3.6	3.6	7.6	-	0.0	0.2	-	0.1	2,612
Ntima East	94.8	0.4	1.7	2.6	0.1	0.0	-	-	0.3	2,049
Ntima West	96.3	0.5	0.7	2.2	0.0	-	0.1	0.0	-	2,735
Nyaki West	95.6	1.9	1.1	1.0	0.0	0.0	0.1	0.0	0.2	2,487
Nyaki East	93.4	0.5	-	5.3	0.5	-	0.0	0.1	0.1	2,179
Buuri Constituency	93.3	0.5	0.0	3.4	1.4	0.5	0.1	0.0	0.8	12,222
Timau	91.9	0.4	0.0	3.6	2.6	0.3	0.1	0.1	1.0	3,218
Kisima	91.3	0.4	-	3.5	2.8	1.7	0.1	0.0	0.1	2,812
Kiirua/Naari	96.8	0.5	0.0	2.3	0.3	-	0.1	-	-	2,375
Ruiri/Rwarera	92.8	0.5	0.1	6.3	0.3	-	0.1	-	-	1,529
Kibirichia	94.2	0.7	0.1	2.3	0.1	0.1	0.1	-	2.5	2,288
Central Imenti Constituency	97.0	0.6	0.0	0.8	1.4	0.1	0.0	0.1	0.1	8,437
Mwanganthia	97.7	0.5	-	0.2	1.2	0.2	-	0.1	-	1,850
Abothuguchi Central	98.7	0.6	0.0	0.1	0.4	0.0	0.0	-	0.2	2,485
Abothuguchi West	97.9	0.7	0.0	1.1	0.1	-	0.0	-	0.1	2,860
Kiagu	90.3	0.4	-	2.3	6.4	0.2	-	0.3	-	1,242
South Imenti Constituency	95.7	0.6	0.3	2.0	0.8	0.1	0.1	0.1	0.5	12,632

Mitunguu	94.8	0.3	-	0.7	1.6	0.1	0.1	0.1	2.3	1,470
Igoji East	94.1	0.4	0.0	3.8	1.3	-	0.0	0.0	0.3	2,072
Igoji West	95.8	1.1	0.1	2.5	0.1	0.1	0.1	0.2	-	1,368
Abogeta East	95.6	0.7	0.5	1.6	1.1	0.1	-	0.2	0.2	2,275
Abogeta West	98.2	0.5	-	0.3	0.9	-	-	0.1	-	1,868
Nkuene	95.6	0.6	0.6	2.3	0.3	0.1	0.1	0.1	0.4	3,579

Table 26.20: 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
Meru County	12.1	3.6	18.1	1.6	62.6	0.4	0.7	0.1	0.7	311,265
Igembe South Constituency	10.0	3.8	16.4	1.3	66.0	0.4	1.9	0.1	0.2	29,729
Maua	30.6	6.0	8.0	0.4	53.2	0.7	0.6	0.0	0.4	5,418
Kiegu/Antubochiu	13.0	7.1	11.8	1.0	66.3	0.3	0.3	0.1	0.1	7,382
Athiru Gaiti	2.1	2.7	13.9	0.9	78.9	0.3	1.0	0.1	0.1	5,718
Akachiu	1.7	1.2	26.7	2.1	65.0	0.2	2.9	0.1	0.0	5,725
Kanuni	2.3	1.1	23.1	1.9	65.9	0.4	5.0	0.1	0.2	5,486
Igembe Central Constituency	4.2	3.5	24.1	2.0	64.5	0.4	1.1	0.1	0.1	38,395
Akirangondu	3.4	3.2	26.0	2.6	63.9	0.4	0.4	0.0	0.1	5,530
Athiru Ruujine	3.9	2.8	17.0	0.8	72.1	0.4	2.4	0.4	0.3	9,008
Igembe East	3.5	3.4	18.8	2.1	70.8	0.3	1.1	0.1	0.1	9,845
Njia	4.5	4.2	27.5	2.2	60.8	0.2	0.6	0.0	0.0	8,102
Kangeta	6.2	4.1	37.1	2.8	48.1	0.7	0.9	0.1	0.1	5,910
Igembe North Constituency	6.2	3.6	31.7	2.3	54.2	0.4	1.3	0.1	0.3	29,148
Antuambui	3.0	2.9	24.1	3.4	65.6	0.3	0.2	0.1	0.3	5,318
Ntunene	20.3	7.7	21.0	1.9	46.4	0.8	1.4	0.3	0.1	4,125
Antubetwe Kiongo	2.5	2.4	26.0	1.5	65.4	0.3	1.9	0.1	0.0	5,843
Naathu	5.6	2.2	38.6	1.7	50.7	0.4	0.3	0.1	0.4	5,328
Amwathi	4.2	3.8	41.1	2.7	45.4	0.4	2.1	0.0	0.4	8,534
Tigania West Constituency	6.1	4.4	26.4	2.5	57.9	0.4	0.5	0.1	1.7	28,132
Athwana	2.1	5.0	53.8	3.6	33.4	0.3	0.8	0.0	0.9	3,290
Akithii	5.1	2.5	29.9	2.0	57.8	0.2	0.4	0.1	1.9	7,248
Kianjai	9.3	2.7	20.1	2.0	63.1	0.5	0.3	0.0	1.8	8,072
Nkomo	6.6	2.9	13.1	1.4	73.6	0.5	0.6	0.1	1.3	5,191
Mbeu	4.4	12.4	27.1	4.8	48.0	0.2	0.9	0.1	2.3	4,331
Tigania East Constituency	4.9	6.8	32.6	2.4	50.2	0.2	0.8	0.1	2.0	30,892
Thangatha	1.4	11.0	35.1	2.0	47.6	0.2	1.4	0.1	1.3	7,926
Mikinduri	5.5	9.9	22.0	2.4	57.1	0.2	1.2	0.1	1.6	7,050
Kiguchwa	6.8	1.2	14.2	0.6	76.3	0.2	0.3	0.1	0.3	3,904
Muthara	5.9	5.2	46.4	2.9	34.6	0.3	0.5	0.1	4.1	7,528
Karama	6.7	1.7	37.5	3.7	47.9	0.1	0.3	0.0	2.1	4,484
North Imenti Constituency	27.5	4.2	5.7	0.8	61.0	0.5	0.1	0.0	0.3	40,314
Municipality	47.3	5.9	3.3	0.3	42.4	0.7	0.1	0.0	0.0	8,296

Ntima East	47.5	1.1	5.0	0.3	44.6	0.7	0.0	0.0	0.7	6,588
Ntima West	15.1	7.6	4.0	0.5	72.5	0.2	0.0	0.0	0.1	9,245
Nyaki West	20.3	2.1	6.7	0.9	68.7	0.3	0.1	0.0	0.9	8,532
Nyaki East	11.7	3.1	9.9	1.9	72.7	0.5	0.2	0.1	0.1	7,653
Buuri Constituency	9.9	3.0	9.7	1.1	74.2	0.8	0.5	0.1	0.8	38,826
Timau	6.8	2.4	16.1	1.2	70.4	1.1	0.9	0.0	0.9	10,344
Kisima	8.5	4.1	14.2	2.5	69.0	1.0	0.3	0.1	0.2	9,390
Kiirua/Naari	15.1	2.8	4.4	0.2	75.9	0.5	0.8	0.1	0.3	7,503
Ruiri/Rwarera	13.6	2.3	4.6	0.6	77.9	0.7	0.2	0.0	0.1	4,882
Kibirichia	8.2	2.9	3.3	0.2	82.8	0.2	0.1	0.0	2.4	6,707
Central Imenti Constituency	13.3	2.3	13.0	0.7	68.9	0.3	0.3	0.1	1.2	29,562
Mwanganthia	18.6	3.4	14.5	1.3	60.2	0.2	0.3	0.1	1.5	6,188
Abothuguchi Central	14.1	2.3	6.2	0.5	76.1	0.2	0.1	0.1	0.4	8,813
Abothuguchi West	11.9	1.0	2.5	0.1	84.1	0.3	0.0	0.0	0.1	9,880
Kiagu	7.4	3.7	46.1	1.7	34.9	0.4	1.1	0.0	4.7	4,681
South Imenti Constituency	20.0	2.1	12.2	1.6	63.1	0.3	0.2	0.0	0.5	46,267
Mitunguu	30.1	2.7	20.8	2.5	40.2	0.6	0.2	0.0	2.9	5,650
Igoji East	20.3	1.4	20.2	2.7	54.2	0.6	0.4	0.1	0.2	7,434
Igoji West	21.0	1.8	10.0	1.1	65.7	0.1	0.1	0.1	0.1	5,510
Abogeta East	11.2	1.6	17.4	1.2	67.4	0.3	0.6	0.0	0.2	8,615
Abogeta West	8.3	3.3	3.7	0.6	83.9	0.2	0.1	0.0	0.0	7,209
Nkuene	28.1	1.9	5.3	1.5	62.5	0.2	0.0	0.0	0.4	11,849

Table 26.21: 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
Meru County	11.6	3.8	17.1	1.5	64.0	0.4	0.8	0.1	0.7	221,998
Igembe South Constituency	9.5	3.8	15.3	1.2	67.7	0.4	1.9	0.1	0.1	22,483
Maua	30.5	6.0	7.3	0.3	54.1	0.8	0.6	0.0	0.3	3,925
Kiegu/Antubochiu	12.1	7.2	11.0	1.0	67.9	0.3	0.3	0.1	0.1	5,462
Athiru Gaiti	2.1	2.7	13.0	0.8	79.7	0.3	1.1	0.1	0.1	4,431
Akachiu	1.6	1.2	24.8	2.0	67.3	0.2	2.6	0.2	0.0	4,421
Kanuni	2.5	1.1	20.8	1.9	67.9	0.3	5.2	0.1	0.2	4,244
Igembe Central Constituency	4.3	3.5	22.7	1.9	65.8	0.4	1.2	0.1	0.1	28,816
Akirangondu	3.2	3.0	24.3	2.7	65.9	0.4	0.4	0.0	0.0	4,248
Athiru Ruujine	4.0	2.9	16.4	0.7	72.3	0.4	2.6	0.4	0.3	6,940

Igembe East	3.5	3.5	18.3	2.1	71.1	0.2	1.1	0.1	0.1	7,493
Njia	4.8	4.3	24.9	1.9	63.3	0.2	0.6	0.0	0.1	5,915
Kangeta	6.5	4.0	36.0	2.8	48.8	0.7	0.9	0.0	0.2	4,220
Igembe North Constituency	6.1	3.8	30.0	2.3	55.8	0.5	1.2	0.1	0.3	21,681
Antuambui	2.9	3.2	22.6	3.4	67.0	0.3	0.1	0.1	0.4	4,007
Ntunene	19.2	7.7	21.1	1.8	47.2	1.0	1.6	0.3	0.1	3,050
Antubetwe Kiongo	2.4	2.4	25.0	1.4	66.6	0.3	1.8	0.0	0.0	4,346
Naathu	6.1	2.3	35.7	2.0	52.8	0.4	0.3	0.1	0.3	4,115
Amwathi	4.3	4.2	38.8	2.7	47.2	0.5	1.8	0.0	0.5	6,163
Tigania West Constituency	6.2	4.9	24.4	2.5	59.4	0.4	0.6	0.1	1.6	18,221
Athwana	2.0	5.7	51.3	3.3	35.3	0.3	1.2	-	0.8	1,768
Akithii	5.4	2.5	27.8	2.0	59.7	0.2	0.5	0.1	1.8	4,537
Kianjai	9.2	3.0	19.0	2.1	64.4	0.4	0.3	0.0	1.4	5,235
Nkomo	6.6	3.2	12.6	1.3	73.9	0.6	0.6	0.1	1.1	3,573
Mbeu	4.1	13.3	26.7	4.6	47.3	0.2	1.1	0.1	2.6	3,108
Tigania East Constituency	4.6	7.6	30.5	2.3	51.8	0.2	0.9	0.1	2.0	21,181
Thangatha	1.5	12.3	33.8	2.0	47.6	0.2	1.3	0.1	1.2	5,934
Mikinduri	5.3	11.1	21.1	2.2	57.0	0.2	1.4	0.0	1.8	4,927
Kiguchwa	6.0	1.4	13.0	0.6	78.4	0.1	0.2	0.0	0.3	2,777
Muthara	6.2	5.5	44.8	2.8	35.8	0.3	0.6	0.1	3.9	4,413
Karama	6.2	1.7	34.9	3.8	50.5	0.1	0.4	0.0	2.4	3,130
North Imenti Constituency	27.0	4.3	5.5	0.7	61.5	0.5	0.1	0.0	0.4	28,252
Municipality	46.7	6.4	3.2	0.4	42.4	0.7	0.1	0.0	0.0	5,684
Ntima East	47.9	1.1	4.6	0.3	44.5	0.7	0.0	-	0.7	4,539
Ntima West	14.9	7.4	3.8	0.5	73.1	0.2	0.0	-	0.0	6,510
Nyaki West	19.9	2.2	6.4	0.7	69.2	0.4	0.1	0.0	1.0	6,045
Nyaki East	11.6	3.2	9.5	1.6	73.3	0.5	0.2	0.0	0.1	5,474
Buuri Constituency	10.0	3.2	9.1	1.1	74.4	0.8	0.6	0.1	0.7	26,604
Timau	6.6	2.5	14.6	1.1	71.8	1.2	1.2	0.0	1.0	7,126
Kisima	9.2	4.8	13.1	2.5	68.5	1.2	0.2	0.2	0.2	6,578
Kiirua/Naari	14.6	2.9	4.6	0.2	75.9	0.5	0.9	0.0	0.3	5,128

Ruirir/Rwarera	13.5	2.2	4.5	0.7	77.9	0.7	0.3	0.1	0.2	3,353
Kibirichia	8.4	3.2	2.9	0.1	83.0	0.2	0.1	0.0	2.2	4,419
Central Imenti Constituency	12.3	2.4	12.3	0.6	70.6	0.2	0.3	0.1	1.2	21,125
Mwanganthia	17.0	3.8	13.6	1.0	62.7	0.1	0.3	0.0	1.5	4,338
Abothuguchi Central	13.6	2.3	5.1	0.4	77.9	0.2	0.1	0.1	0.4	6,328
Abothuguchi West	11.2	1.0	2.3	0.1	85.0	0.3	0.0	0.0	0.1	7,020
Kiagu	6.3	4.0	44.1	1.6	37.7	0.4	1.2	0.0	4.8	3,439
South Imenti Constituency	18.3	2.2	11.8	1.5	65.0	0.3	0.3	0.0	0.5	33,635
Mitunguu	28.5	2.9	19.7	2.6	42.8	0.5	0.2	0.0	2.8	4,180
Igoji East	18.4	1.3	20.6	2.6	55.8	0.5	0.5	0.1	0.2	5,362
Igoji West	19.4	1.8	10.1	1.0	67.4	0.1	0.1	-	0.0	4,142
Abogeta East	10.0	1.7	16.0	1.2	70.0	0.3	0.6	0.0	0.2	6,340
Abogeta West	7.3	3.4	3.3	0.5	85.2	0.1	0.1	-	0.0	5,341
Nkuene	26.1	2.2	5.4	1.3	64.4	0.2	0.0	0.0	0.4	8,270

Table 26.22: Main Material of the Wall in Female Headed Households by County, Constituency and Ward

County/ Constituency	Stone	Brick/Block	Mud/Wood	Mud/Ce-ment	Wood only	Corrugat-ed Iron Sheets	Grass/ Reeds	Tin	Other	House-holds
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
Meru County	13.3	3.2	20.7	1.7	59.3	0.4	0.6	0.1	0.8	89,267
Igembe South Constituency	11.5	3.9	19.9	1.5	60.8	0.4	1.8	0.1	0.2	7,246
Maua	30.9	6.0	9.8	0.7	50.8	0.5	0.5	0.1	0.7	1,493
Kiegu/Antubochiu	15.5	6.9	14.0	1.2	61.6	0.4	0.4	-	0.1	1,920
Athiru Gaiti	1.9	2.4	16.6	1.3	76.2	0.4	0.7	0.2	0.2	1,287
Akachiu	1.9	1.0	33.1	2.4	57.5	0.2	3.9	-	0.1	1,304
Kanuni	1.7	1.0	30.8	2.0	59.2	0.5	4.6	0.2	0.2	1,242
Igembe Central Constituency	3.9	3.4	28.4	2.1	60.7	0.3	1.0	0.1	0.1	9,579
Akirangonde	4.0	4.0	31.5	2.2	57.1	0.4	0.7	0.1	0.1	1,282
Athiru Ruujine	3.7	2.1	19.1	1.0	71.6	0.3	1.7	0.1	0.2	2,068
Igembe East	3.3	2.8	20.6	2.0	69.6	0.4	1.1	0.1	0.1	2,352
Njia	3.7	4.0	34.7	2.9	54.1	0.1	0.5	0.1	-	2,187
Kangeta	5.3	4.4	39.8	2.7	46.4	0.5	0.8	0.1	-	1,690
Igembe North Constituency	6.4	3.1	36.7	2.2	49.5	0.3	1.6	0.1	0.2	7,467

Antuambui	3.3	2.1	29.0	3.4	61.2	0.4	0.4	0.2	0.2	1,311
Ntunene	23.5	7.9	20.7	2.0	44.1	0.5	0.8	0.3	0.2	1,075
Antubetwe Kiongo	2.7	2.2	29.1	1.7	61.8	0.2	2.0	0.3	0.1	1,497
Naathu	4.2	1.8	48.2	0.8	43.6	0.4	0.3	-	0.6	1,213
Amwathi	3.7	2.7	47.1	2.5	40.7	0.3	2.9	0.0	0.1	2,371
Tigania West Constituency	6.1	3.5	30.0	2.6	55.2	0.4	0.4	0.1	1.9	9,911
Athwana	2.3	4.3	56.7	4.0	31.3	0.2	0.2	-	1.0	1,522
Akithii	4.6	2.6	33.5	2.0	54.6	0.3	0.3	0.1	1.9	2,711
Kianjai	9.5	2.1	22.2	1.8	60.7	0.8	0.4	0.1	2.5	2,837
Nkomo	6.6	2.1	14.1	1.6	72.8	0.4	0.6	0.1	1.7	1,618
Mbeu	5.2	10.0	28.0	5.2	49.7	-	0.3	-	1.6	1,223
Tigania East Constituency	5.4	4.9	37.0	2.6	46.9	0.2	0.7	0.1	2.2	9,711
Thangatha	1.1	7.2	39.2	1.9	47.4	0.2	1.6	-	1.4	1,992
Mikinduri	6.1	7.0	24.2	2.9	57.2	0.3	0.8	0.2	1.3	2,123
Kiguchwa	8.6	0.9	17.2	0.8	71.1	0.3	0.4	0.2	0.5	1,127
Muthara	5.4	4.8	48.7	3.1	32.9	0.3	0.4	0.0	4.3	3,115
Karama	7.8	1.8	43.6	3.4	41.7	0.1	0.2	-	1.4	1,354
North Imenti Constituency	28.5	3.9	6.2	0.9	59.6	0.4	0.0	0.0	0.3	12,062
Municipality	48.4	4.9	3.5	0.2	42.3	0.6	0.0	-	-	2,612
Ntima East	46.6	1.1	5.7	0.3	44.7	0.9	0.0	-	0.7	2,049
Ntima West	15.7	8.2	4.4	0.4	70.9	0.2	-	0.0	0.1	2,735
Nyaki West	21.3	1.6	7.6	1.2	67.5	0.2	-	0.0	0.7	2,487
Nyaki East	12.1	2.9	10.7	2.4	71.2	0.5	0.1	0.1	-	2,179
Buuri Constituency	9.8	2.4	11.0	1.1	73.8	0.6	0.3	0.0	0.8	12,222
Timau	7.3	2.2	19.4	1.5	67.4	1.0	0.3	0.0	0.9	3,218
Kisima	6.9	2.7	16.6	2.5	70.2	0.5	0.3	0.0	0.2	2,812
Kiirua/Naari	16.1	2.5	3.8	0.3	75.9	0.5	0.5	0.1	0.2	2,375
Ruiri/Rwarera	13.7	2.4	4.9	0.5	77.8	0.7	0.1	-	-	1,529
Kibirichia	7.9	2.3	4.0	0.3	82.4	0.3	0.0	-	2.7	2,288
Central Imenti Constituency	15.6	2.0	14.9	1.0	64.8	0.3	0.3	0.1	1.2	8,437
Mwanganthia	22.5	2.5	16.6	1.9	54.2	0.3	0.4	0.1	1.4	1,850
Abothuguchi Central	15.4	2.3	9.1	0.7	71.5	0.3	0.0	0.0	0.5	2,485
Abothuguchi West	13.5	0.9	2.8	0.2	82.0	0.3	0.1	0.0	0.1	2,860
Kiagu	10.5	2.8	51.6	1.9	27.1	0.5	1.0	0.1	4.5	1,242
South Imenti Constituency	24.5	1.9	13.0	1.7	57.8	0.4	0.1	0.1	0.6	12,632
Mitunguu	34.7	2.2	24.1	2.1	32.9	0.9	0.1	-	3.0	1,470
Igoji East	25.2	1.8	19.0	2.8	50.0	0.6	0.0	0.1	0.3	2,072
Igoji West	25.8	1.9	9.8	1.2	60.4	0.4	-	0.3	0.2	1,368
Abogeta East	14.5	1.5	21.2	1.4	60.4	0.4	0.4	0.0	0.2	2,275
Abogeta West	10.9	3.1	4.8	1.0	79.9	0.3	-	-	0.1	1,868
Nkuene	32.7	1.3	5.2	1.8	58.3	0.2	0.0	0.0	0.5	3,579

Table 26.23: Source of Water by County, Constituency and Ward

County/Constituency/Wards	Pond	Dam	Lake	Stream/ River	Unprotect- ed Spring	Unpro- tected Well	Jabia	Water vendor	Other	Unim- proved Sources	Protected Spring	Protect- ed Well	Bore- hole	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
Meru County	0.2	0.1	0.1	25.7	2.5	2.0	0.3	9.7	0.2	40.8	1.7	1.3	2.9	6.7	45.7	1.0	59.2	1,337,483
Igembe South Constituency	0.1	0.1	0.1	42.8	6.3	3.9	0.0	0.4	0.1	53.9	2.9	1.1	0.8	4.8	36.4	0.1	46.1	132,215
Maua	0.2	0.0	0.0	10.2	0.6	2.7	0.0	1.9	0.6	16.3	1.1	2.5	1.2	13.5	64.7	0.7	83.7	21,138
Kiegu/Antubochiu	0.2	0.0	0.0	30.0	0.4	0.9	0.0	0.1	0.1	31.7	1.7	0.2	0.4	5.5	60.5	0.1	68.3	32,176
Athiru Gaiti	0.1	0.0	0.1	47.1	17.2	6.9	0.0	0.1	0.0	71.5	9.5	1.7	2.3	1.5	13.5	0.0	28.5	26,641
Akachi	0.0	0.1	0.3	56.1	6.9	6.5	0.0	0.0	0.0	69.9	0.9	0.1	0.0	3.4	25.7	0.0	30.1	26,593
Kanuni	0.1	0.3	0.0	67.6	6.7	3.0	0.0	0.1	0.1	77.9	1.1	1.4	0.2	1.7	17.7	0.0	22.1	25,667
Igembe Central Constituency	0.0	0.0	0.1	32.3	3.3	2.4	0.3	16.2	0.1	54.9	1.1	0.6	2.9	5.5	34.8	0.3	45.1	191,762
Akirangodu	0.1	0.0	0.0	13.2	0.3	2.6	1.4	15.7	0.0	33.2	0.4	0.1	3.2	7.7	54.6	0.8	66.8	31,300
Athiru Ruujine	0.0	0.0	0.0	20.7	5.5	5.9	0.1	46.9	0.0	79.2	1.5	0.6	8.8	1.4	8.3	0.3	20.8	44,048
Igembe East	0.1	0.0	0.0	59.1	4.8	2.4	0.0	5.7	0.1	72.2	0.7	0.3	1.1	2.9	22.6	0.1	27.8	44,256
Nija	0.0	0.1	0.0	28.7	1.2	0.0	0.0	4.8	0.0	34.9	2.1	0.1	0.1	8.1	54.7	0.0	65.1	42,607
Kangeta	0.1	0.1	0.9	35.1	4.1	0.4	0.0	3.4	0.4	44.5	0.6	2.0	0.2	9.3	42.9	0.4	55.5	29,551
Igembe North Constituency	0.1	0.0	0.0	0.9	0.4	0.2	1.0	45.4	0.9	48.9	1.0	0.0	3.2	3.9	35.7	7.3	51.1	153,984
Antuambui	0.2	0.0	0.0	1.6	0.0	0.1	3.1	21.2	0.0	26.3	0.4	0.0	0.0	9.9	59.1	4.2	73.7	29,063

Ntunene	0.2	0.0	0.0	1.4	2.7	0.3	1.6	40.4	4.0	50.5	0.9	0.1	1.0	8.9	38.0	0.6	49.5	19,390
Antubetwe Kiongo	0.0	0.0	0.0	1.9	0.0	0.1	0.3	87.6	0.0	90.1	0.1	0.0	5.6	0.3	2.7	1.2	9.9	32,176
Naathu	0.0	0.0	0.0	0.2	0.1	0.3	0.1	17.0	0.6	18.4	3.7	0.1	9.4	2.6	62.1	3.8	81.6	29,542
Amwathi	0.0	0.0	0.0	0.1	0.0	0.2	0.5	51.7	1.0	53.5	0.2	0.0	0.4	1.1	25.5	19.2	46.5	43,813
Tigania West Constituency	0.2	0.0	0.0	35.6	4.4	4.9	0.3	5.8	0.1	51.3	3.0	4.8	11.9	2.7	26.2	0.0	48.7	134,059
Athwana	0.0	0.0	0.0	27.4	0.2	0.8	1.4	27.8	0.3	58.0	0.4	1.3	10.2	0.3	29.7	0.0	42.0	17,662
Akithii	0.1	0.0	0.1	39.4	4.4	3.9	0.0	3.6	0.0	51.4	1.6	1.4	1.1	4.8	39.6	0.0	48.6	35,350
Kianjai	0.1	0.1	0.0	25.3	2.5	7.9	0.2	3.2	0.0	39.3	1.7	8.7	24.7	2.4	23.2	0.0	60.7	36,381
Nkomo	0.9	0.0	0.1	41.7	9.3	4.0	0.1	1.4	0.0	57.5	7.1	7.1	6.5	3.5	18.2	0.0	42.5	23,795
Mbeu	0.0	0.0	0.0	47.2	6.0	5.7	0.0	0.3	0.0	59.2	5.3	4.1	15.8	0.5	15.0	0.0	40.8	20,871
Tigania East Constituency	0.6	0.1	0.2	49.3	3.9	2.7	0.3	1.2	0.0	58.1	1.7	1.3	1.7	4.7	32.4	0.0	41.9	156,762
Thangatha	0.1	0.3	0.0	65.2	5.2	3.0	0.0	0.1	0.0	74.0	1.1	1.5	1.3	1.7	20.4	0.0	26.0	40,141
Mikinduri	2.2	0.0	0.0	55.9	2.5	3.0	0.1	1.7	0.1	65.5	2.5	0.3	0.2	3.8	27.6	0.1	34.5	33,685
Kiguchwa	0.2	0.0	0.0	39.8	1.2	0.1	0.0	0.0	0.0	41.4	1.0	0.1	0.1	6.4	51.0	0.0	58.6	19,162
Muthara	0.1	0.0	0.6	42.3	4.5	3.0	0.8	2.8	0.0	54.2	2.4	2.1	5.4	8.0	27.9	0.0	45.8	38,938
Karama	0.2	0.1	0.0	32.7	4.7	3.3	0.2	0.4	0.1	41.6	1.1	2.2	0.0	3.9	51.1	0.0	58.4	24,836
North Imenti Constituency	0.2	0.0	0.0	17.3	0.6	1.4	0.0	0.6	0.2	20.5	1.8	1.2	1.0	13.3	62.1	0.0	79.5	144,275
Municipality	0.2	0.0	0.0	3.9	0.5	0.2	0.1	0.9	0.2	6.2	2.5	0.5	0.6	28.9	61.3	0.0	93.8	25,070
Ntima East	0.3	0.1	0.0	6.4	0.2	0.4	0.0	0.8	0.1	8.1	0.5	0.8	0.1	15.2	75.1	0.1	91.9	20,767
Ntima West	0.1	0.0	0.0	11.6	0.0	0.1	0.0	1.0	0.1	13.0	1.6	0.1	0.2	9.6	75.5	0.0	87.0	33,265
Nyaki West	0.2	0.0	0.0	13.9	1.3	3.2	0.0	0.1	0.2	18.8	1.9	1.3	0.4	12.0	65.7	0.0	81.2	34,849

Nyaki East	0.1	0.1	0.0	46.2	1.0	2.5	0.0	0.4	0.5	50.9	2.4	3.2	3.7	4.7	35.1	0.0	49.1	30,324
Buuri Constituency	0.1	0.3	0.8	12.8	0.6	0.7	0.3	12.8	0.2	28.6	2.9	1.6	1.1	7.7	57.5	0.5	71.4	133,420
Timau	0.2	0.4	0.0	30.2	0.2	0.8	0.0	0.9	0.2	33.0	1.8	0.4	0.2	8.9	55.4	0.4	67.0	34,223
Kisima	0.1	0.0	0.0	15.6	1.3	0.8	0.2	5.8	0.2	24.0	6.4	1.5	0.5	5.2	62.4	0.0	76.0	29,551
Kirua/Naani	0.1	0.9	3.8	3.1	0.4	0.0	0.3	13.6	0.3	22.4	1.2	0.1	1.0	8.8	64.8	1.8	77.6	27,031
Ruiru/Rwarera	0.0	0.0	0.1	5.2	1.1	1.3	0.1	13.9	0.1	21.8	5.4	0.0	2.2	5.4	65.0	0.1	78.2	18,206
Kibinichia	0.1	0.1	0.0	1.4	0.1	0.9	0.9	36.0	0.2	39.7	0.3	6.5	2.5	9.6	41.1	0.3	60.3	24,409
Central Inmenti Constituency	0.4	0.0	0.0	26.0	1.8	1.5	0.1	0.1	0.1	29.9	1.1	0.7	2.5	8.0	57.8	0.0	70.1	115,222
Mwanganthia	0.1	0.0	0.0	61.4	1.1	0.6	0.1	0.2	0.0	63.4	0.9	1.0	3.5	2.7	28.5	0.0	36.6	24,309
Abothuguchi Central	0.2	0.0	0.0	13.4	0.5	0.2	0.0	0.0	0.0	14.4	0.9	0.6	0.2	10.6	73.2	0.1	85.6	33,412
Abothuguchi West	0.1	0.0	0.0	1.5	0.0	0.1	0.1	0.0	0.1	1.9	1.6	0.4	0.0	13.5	82.6	0.0	98.1	35,485
Kiagu	1.6	0.0	0.0	45.4	7.4	6.8	0.0	0.1	0.0	61.4	0.9	1.0	8.8	1.1	26.9	0.0	38.6	22,016
South Inmenti Constituency	0.5	0.0	0.0	14.9	1.1	0.9	0.0	0.5	0.1	18.0	0.6	0.6	1.3	9.5	70.0	0.0	82.0	175,784
Mitunguu	0.0	0.0	0.0	8.8	0.5	0.6	0.1	0.1	0.2	10.5	0.8	0.3	0.5	11.7	76.1	0.1	89.5	20,579
Igoji East	1.9	0.1	0.0	39.9	3.6	3.5	0.0	1.9	0.0	50.8	1.7	2.4	7.1	4.3	33.6	0.1	49.2	28,636
Igoji West	0.8	0.0	0.0	14.4	1.7	0.4	0.0	0.2	0.0	17.5	0.2	0.2	0.9	10.6	70.5	0.1	82.5	20,179
Abogeta East	0.1	0.0	0.0	22.0	0.6	0.8	0.0	0.5	0.1	24.1	0.6	0.4	0.0	9.1	65.6	0.1	75.9	33,171
Abogeta West	0.1	0.0	0.0	6.5	0.2	0.1	0.0	0.1	0.3	7.4	0.1	0.1	0.0	9.5	82.9	0.0	92.6	30,193
Nkueni	0.1	0.0	0.0	2.0	0.2	0.0	0.0	0.3	0.1	2.7	0.1	0.0	0.1	11.6	85.4	0.0	97.3	43,026

Table 26.24: Source of Water of Male headed Household by County Constituency and Ward

County/Constituency/ Wards	Pond	Dam	Lake	Stream/ River	Unprotect- ed Spring	Unpro- tected Well	Jabia	Water vendor	Other	Unim- proved Sources	Protected Spring	Protect- ed Well	Bore- hole	Piped into Dwelling	Piped	Rain Water Collection	Improved Sources	Number of Individuals
Kenya	2.7	2.3	1.1	22.4	4.8	6.7	0.4	5.6	0.4	46.4	7.4	7.7	11.7	6.2	19.9	0.7	53.6	26,755,066
Rural	3.7	3.1	1.4	29.1	6.3	8.6	0.4	2.4	0.5	55.6	9.2	8.2	12.1	1.9	12.2	0.8	44.4	18,016,471
Urban	0.8	0.6	0.5	8.5	1.8	2.8	0.2	12.1	0.1	27.5	3.8	6.7	10.8	14.9	35.8	0.5	72.5	8,738,595
Meru County	0.2	0.1	0.1	25.4	2.5	2.0	0.2	9.8	0.2	40.6	1.7	1.2	2.8	6.8	45.9	1.0	59.4	1,012,329
Igembe South Constit- uency	0.1	0.1	0.1	42.6	6.6	3.9	0.0	0.3	0.2	53.9	3.0	1.1	0.8	4.9	36.2	0.1	46.1	105,761
Maua	0.2	0.0	-	10.4	0.6	2.7	0.0	1.7	0.7	16.4	1.2	2.7	1.3	13.5	64.3	0.8	83.6	16,380
Kiegu/Antubochiu	0.1	0.0	0.0	29.9	0.4	1.1	-	0.1	0.0	31.7	1.8	0.1	0.3	5.7	60.3	0.1	68.3	25,306
Athiru Gaiti	0.1	0.0	0.1	46.0	17.8	6.7	-	0.1	0.0	70.9	9.6	1.7	2.5	1.6	13.7	-	29.1	21,484
Akachi	0.0	0.1	0.3	55.6	6.8	6.3	0.0	0.0	0.0	69.1	0.9	0.1	-	3.6	26.4	-	30.9	21,681
Kanuni	0.1	0.3	-	66.0	7.3	3.0	0.0	0.1	0.1	77.0	1.1	1.5	0.2	1.8	18.4	-	23.0	20,910
Igembe Central Con- stituency	0.0	0.0	0.1	32.2	3.3	2.4	0.2	16.7	0.1	55.1	1.1	0.6	2.8	5.6	34.5	0.3	44.9	151,039
Akirangodu	0.0	-	-	13.2	0.2	2.2	1.1	16.6	-	33.4	0.4	0.2	3.6	8.1	53.6	0.7	66.6	25,292
Athiru Rujiine	-	-	0.1	21.2	5.4	6.1	0.2	47.1	0.0	80.1	1.5	0.5	8.0	1.3	8.3	0.2	19.9	35,372
Igembe East	0.1	0.0	-	58.8	4.7	2.3	0.0	5.7	0.1	71.7	0.7	0.3	1.1	3.0	23.0	0.1	28.3	34,961
Njia	0.0	0.0	-	29.3	1.2	0.0	0.1	4.7	0.0	35.4	2.1	0.1	0.1	8.4	53.9	0.0	64.6	32,998
Kangeta	0.1	0.1	0.9	33.7	4.5	0.5	-	3.4	0.4	43.5	0.7	2.1	0.3	9.6	43.4	0.4	56.5	22,416
Igembe North Constit- uency	0.1	0.0	0.0	1.0	0.4	0.2	0.9	44.7	0.9	48.2	1.1	0.0	3.4	4.0	36.0	7.3	51.8	121,369
Antuambui	0.2	0.0	0.0	1.6	0.0	0.1	3.0	21.0	0.0	26.0	0.4	-	0.0	10.1	59.2	4.3	74.0	23,047
Ntunene	0.2	-	-	1.5	2.8	0.4	1.3	40.5	3.8	50.5	1.0	0.0	1.2	9.4	37.3	0.5	49.5	15,209

Antubetwe Kiongo	-	0.0	-	2.2	-	0.1	0.3	87.1	0.1	89.9	0.1	0.0	5.8	0.2	2.8	1.2	10.1	25,160
Naathu	0.0	-	0.3	0.1	0.3	0.1	0.1	17.0	0.7	18.5	4.0	0.1	9.3	2.7	61.8	3.6	81.5	24,220
Amwathi	0.0	-	0.0	0.1	0.0	0.1	0.4	50.9	1.1	52.7	0.3	0.0	0.5	1.1	25.7	19.7	47.3	33,733
Tigania West Constituency	0.2	0.1	0.0	35.9	4.6	4.7	0.2	5.7	0.1	51.6	3.3	5.0	11.9	2.9	25.4	0.0	48.4	92,347
Athwana	0.0	0.0	-	25.6	0.1	1.2	1.2	32.3	0.5	60.9	0.3	1.2	8.9	0.3	28.3	-	39.1	10,381
Akithii	0.0	0.0	0.1	39.9	4.4	3.7	-	3.4	0.0	51.6	1.6	1.4	1.1	5.7	38.6	-	48.4	23,501
Kianjai	0.1	0.1	0.0	26.0	2.7	7.1	0.2	3.3	-	39.5	1.7	8.8	24.5	2.5	22.9	0.0	60.5	25,426
Nkomo	0.9	0.0	0.0	41.7	8.8	4.0	0.1	1.4	-	57.0	7.6	7.0	6.2	3.4	18.7	0.0	43.0	17,341
Mbeu	0.0	-	-	46.6	6.3	5.5	-	0.3	-	58.7	5.6	4.3	15.7	0.5	15.2	-	41.3	15,698
Tigania East Constituency	0.7	0.1	0.1	49.2	3.8	2.8	0.3	1.1	0.0	58.0	1.8	1.2	1.6	4.8	32.8	0.0	42.0	114,817
Thangatha	0.1	0.2	0.0	64.6	4.9	3.0	-	0.1	0.0	73.0	1.2	1.6	1.1	1.9	21.3	0.0	27.0	31,827
Mikinduri	2.5	0.0	0.0	55.3	2.5	3.2	0.1	1.8	0.1	65.5	2.5	0.4	0.2	3.9	27.3	0.1	34.5	25,090
Kiguchwa	0.2	-	-	38.4	1.3	0.1	-	0.0	0.0	40.0	1.1	0.0	0.1	6.7	52.1	-	60.0	14,557
Muthara	0.2	0.0	0.2	42.2	4.5	3.4	0.9	2.8	-	54.2	2.6	1.3	5.5	8.8	27.6	-	45.8	24,813
Karama	0.2	0.1	0.0	32.4	4.6	3.2	0.2	0.4	0.1	41.1	1.2	2.3	0.0	3.9	51.6	0.0	58.9	18,530
North Inenti Constituency	0.2	0.0	0.0	17.3	0.6	1.4	0.0	0.5	0.2	20.3	1.8	1.2	1.0	13.3	62.3	0.0	79.7	106,894
Municipality	0.2	0.0	0.0	3.8	0.4	0.2	0.1	0.9	0.1	5.7	2.4	0.4	0.6	29.5	61.3	0.0	94.3	18,159
Ntima East	0.3	0.1	-	6.2	0.1	0.3	0.0	0.8	0.1	7.8	0.5	0.9	0.1	16.2	74.5	0.0	92.2	15,270
Ntima West	0.1	0.0	-	11.2	0.0	0.1	0.0	0.8	0.1	12.5	1.6	0.1	0.2	9.6	76.1	0.0	87.5	24,824
Nyaki West	0.2	0.0	0.0	13.6	1.2	3.2	0.0	0.1	0.2	18.5	1.9	1.3	0.4	11.5	66.3	0.0	81.5	25,874
Nyaki East	0.2	0.1	-	46.5	1.0	2.4	0.0	0.3	0.5	50.9	2.5	3.2	3.3	4.7	35.6	0.0	49.1	22,767

Buuri Constituency	0.1	0.3	0.8	12.1	0.6	0.7	0.3	12.2	0.2	27.2	2.8	1.5	1.1	8.1	58.7	0.6	72.8	96,224
Timau	0.2	0.4	-	28.9	0.2	0.8	0.0	0.9	0.2	31.7	1.4	0.3	0.2	9.2	57.0	0.4	68.3	24,658
Kisima	0.1	0.0	-	14.0	1.3	0.9	0.2	5.1	0.1	21.8	6.7	1.4	0.6	5.5	64.0	0.1	78.2	21,396
Kirua/Naari	0.0	0.8	3.7	3.1	0.4	-	0.3	13.2	0.3	21.8	1.2	0.0	1.2	9.0	64.7	2.0	78.2	19,639
Ruiru/Rwarera	-	-	0.1	5.1	0.9	1.3	0.1	14.0	0.0	21.5	5.3	0.0	2.1	5.9	65.1	0.1	78.5	13,253
Kibichia	0.1	0.1	-	1.3	0.1	0.9	0.9	34.8	0.1	38.2	0.2	6.1	2.3	10.3	42.7	0.2	61.8	17,278
Central Imeni Constituency	0.3	0.0	-	25.3	1.8	1.6	0.1	0.1	0.0	29.2	1.1	0.7	2.4	8.4	58.2	0.0	70.8	87,292
Mwanganthia	0.0	-	-	60.7	1.2	0.6	0.1	0.1	-	62.8	0.9	1.1	3.3	3.0	29.0	-	37.2	18,096
Abothuguchi Central	0.2	0.0	-	12.9	0.4	0.2	-	0.0	0.0	13.8	0.8	0.6	0.2	11.0	73.4	0.1	86.2	25,499
Abothuguchi West	0.1	-	-	1.6	0.0	0.1	0.1	-	0.1	1.9	1.6	0.4	-	13.9	82.2	0.0	98.1	26,986
Kiagu	1.2	0.0	-	44.5	7.5	7.2	0.1	0.1	0.0	60.6	1.1	0.8	8.4	1.2	27.8	-	39.4	16,711
South Imeni Constituency	0.5	0.0	0.0	14.8	1.0	0.9	0.0	0.5	0.1	17.9	0.6	0.6	1.3	9.7	70.0	0.0	82.1	136,586
Mitunguu	0.0	-	0.0	8.3	0.4	0.7	0.1	0.1	0.2	10.0	0.8	0.3	0.5	12.5	75.8	0.1	90.0	16,040
Igoji East	2.0	0.1	0.0	40.3	3.5	3.7	0.0	1.7	0.0	51.3	1.8	2.4	6.9	4.3	33.3	0.0	48.7	21,930
Igoji West	0.9	-	-	14.3	1.6	0.4	-	0.2	0.0	17.4	0.2	0.2	0.8	10.8	70.5	0.1	82.6	16,233
Abogeta East	0.1	0.0	0.0	21.5	0.7	0.8	0.0	0.4	0.0	23.5	0.6	0.4	0.0	9.2	66.2	0.0	76.5	25,987
Abogeta West	0.1	0.0	0.0	6.5	0.2	0.2	0.0	0.1	0.2	7.4	0.2	0.1	-	9.4	82.9	-	92.6	23,995
Nkuene	0.1	0.0	0.0	1.9	0.2	0.0	0.0	0.3	0.1	2.6	0.1	0.1	0.1	12.0	85.2	0.0	97.4	32,401

Table 26.25: Source of Water of Female headed Household by County Constituency and Ward

County/Constituency/ Wards	Pond	Dam	Lake	Stream/ River	Unprotect- ed Spring	Unpro- tected Well	Jabia	Water vendor	Other	Unim- proved Sources	Protected Spring	Protected Well	Borehole	Piped into Dwelling	Piped	Rain Water Collection	Im- proved 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
Meru County	0.2	0.1	0.2	26.5		2.4	0.3	9.5	0.2	41.4	1.7	1.5	3.3	6.1	45.2	0.9	58.6	325,154
Igembe South Constit- uency	0.1	0.0	0.1	43.9		5.1	0.0	0.5	0.1	53.9	2.6	1.1	0.7	4.6	37.0	0.2	46.1	26,454
Maua	0.1	-	-	9.8		0.5	-	2.5	0.2	16.0	0.8	2.0	1.0	13.5	66.1	0.6	84.0	4,758
Kiegu/Antubochiu	0.2	-	0.1	30.4		0.4	-	0.1	0.1	31.8	1.0	0.3	0.8	4.9	61.1	0.2	68.2	6,870
Athiru Gaiti	-	-	0.1	51.3		14.4	-	0.1	0.0	73.7	9.2	2.0	1.5	0.8	12.8	-	26.3	5,157
Akachi	0.2	0.1	0.3	58.3		7.3	0.0	-	-	73.6	1.1	-	-	2.6	22.8	-	26.4	4,912
Kanuni	0.1	0.2	0.1	74.5		4.2	-	0.1	0.0	82.0	1.1	1.3	0.1	1.3	14.2	-	18.0	4,757
Igembe Central Con- stituency	0.1	0.1	0.1	32.9		3.2	0.4	14.7	0.1	53.9	1.1	0.6	3.2	4.8	36.0	0.3	46.1	40,723
Akirangodu	0.1	0.1	-	13.1		0.4	2.7	11.9	-	32.5	0.3	0.1	1.5	5.7	58.8	1.1	67.5	6,008
Athiru Ruujine	-	-	-	18.6		5.7	-	46.1	0.1	75.3	1.3	0.8	12.5	1.7	7.9	0.4	24.7	8,676
Igembe East	0.0	0.0	0.0	60.4		5.2	-	5.5	0.2	73.9	0.7	0.4	1.2	2.3	21.5	0.0	26.1	9,295
Njia	0.2	0.1	-	26.8		1.2	-	5.1	-	33.5	2.1	0.1	0.1	6.9	57.3	-	66.5	9,609
Kangeta	0.1	0.1	0.8	39.4		2.9	0.0	3.7	0.4	47.6	0.6	1.9	0.1	8.3	41.2	0.3	52.4	7,135
Igembe North Constit- uency	0.0	-	-	0.5		0.3	1.2	48.0	0.8	51.4	0.5	0.1	2.8	3.3	34.6	7.3	48.6	32,615
Antuambui	0.0	-	-	1.4		0.1	3.4	22.1	0.1	27.3	0.5	0.1	-	9.3	58.9	4.0	72.7	6,016
Nlunene	0.1	-	-	0.8		2.2	2.5	40.3	4.4	50.6	0.4	0.4	0.4	6.9	40.6	0.6	49.4	4,181

Antubetwe Kiongo	0.1	-	-	0.8	-	0.2	0.2	89.5	-	90.8	0.1	-	5.0	0.4	2.3	1.5	9.2	7,016
Naathu	-	-	-	-	0.2	0.6	-	16.9	0.4	18.1	2.1	0.2	9.5	1.9	63.7	4.5	81.9	5,322
Anwathi	-	-	-	-	-	0.4	0.8	54.3	0.6	56.2	0.0	-	0.3	1.2	24.8	17.6	43.8	10,080
Tigania West Constituency	0.2	0.0	0.0	34.9	4.1	5.3	0.4	5.9	0.0	50.7	2.5	4.5	12.1	2.2	27.9	0.0	49.3	41,712
Athwana	-	-	0.0	30.0	0.3	0.4	1.7	21.4	0.0	53.8	0.7	1.4	12.1	0.3	31.7	0.0	46.2	7,281
Akithii	0.1	0.1	0.0	38.3	4.3	4.3	0.0	4.0	0.1	51.1	1.7	1.5	1.2	3.1	41.5	-	48.9	11,849
Kianjai	0.0	0.0	-	23.6	2.0	9.9	0.2	2.9	-	38.7	1.8	8.4	25.0	2.3	23.8	0.1	61.3	10,955
Nkomo	0.9	-	0.1	41.9	10.8	4.0	0.0	1.3	-	58.9	5.8	7.6	7.3	3.7	16.7	-	41.1	6,454
Mbeu	0.1	-	-	48.9	4.9	6.3	-	0.5	0.1	60.7	4.3	3.7	15.9	0.8	14.6	-	39.3	5,173
Tigania East Constituency	0.4	0.1	0.4	49.5	4.1	2.4	0.2	1.4	0.0	58.6	1.6	1.8	2.2	4.4	31.5	0.0	41.4	41,945
Thangatha	0.0	0.5	-	67.8	6.1	3.1	0.0	0.1	-	77.7	0.8	1.1	2.2	1.0	17.1	0.1	22.3	8,314
Mikinduri	1.6	-	0.1	57.4	2.5	2.3	0.0	1.6	-	65.5	2.2	0.3	0.0	3.5	28.5	-	34.5	8,595
Kiguchwa	0.1	-	-	44.5	1.2	0.2	-	-	-	46.0	1.0	0.2	-	5.4	47.4	-	54.0	4,605
Muthara	0.0	-	1.2	42.5	4.5	2.3	0.6	3.0	0.0	54.1	2.0	3.5	5.1	6.7	28.5	0.0	45.9	14,125
Karama	0.3	-	-	33.7	4.9	3.6	0.1	0.6	0.0	43.2	1.0	2.1	-	4.0	49.7	-	56.8	6,306
North Inenti Constituency	0.1	0.0	0.0	17.4	0.8	1.5	0.1	0.9	0.3	21.0	1.9	1.2	1.2	13.2	61.4	0.1	79.0	37,381
Municipality	0.1	-	0.1	4.4	0.8	0.2	0.2	1.1	0.4	7.3	2.7	0.7	0.6	27.2	61.5	0.0	92.7	6,911
Nluma East	0.2	0.1	-	6.9	0.4	0.6	0.1	0.9	0.0	9.2	0.6	0.6	0.3	12.4	76.8	0.1	90.8	5,497
Nluma West	-	-	0.0	12.7	0.1	0.1	0.1	1.5	0.2	14.7	1.5	0.1	0.1	9.6	73.8	0.1	85.3	8,441
Nyaki West	-	-	-	14.6	1.4	3.1	-	-	0.4	19.6	2.0	1.1	0.2	13.4	63.7	-	80.4	8,975
Nyaki East	0.0	-	-	45.5	1.0	2.8	-	0.9	0.6	50.8	2.3	3.3	5.0	4.8	33.7	0.1	49.2	7,557

Buuri Constituency	0.1	0.4	0.8	14.7	0.6	0.7	0.3	14.1	0.3	32.0	3.2	2.0	1.2	6.7	54.5	0.5	68.0	37,196
Timau	0.3	0.4	-	33.5	0.1	0.8	0.0	1.0	0.3	36.3	3.0	0.6	0.2	8.2	51.2	0.4	63.7	9,565
Kisima	0.0	-	-	19.9	1.4	0.6	0.1	7.7	0.2	29.9	5.9	1.7	0.2	4.3	58.0	-	70.1	8,155
Kirua/Naari	0.1	1.1	3.9	3.2	0.3	0.0	0.4	14.6	0.4	23.9	1.1	0.1	0.6	8.2	64.9	1.1	76.1	7,392
Ruiri/Rwarera	0.1	-	0.1	5.5	1.8	1.3	-	13.7	0.1	22.6	5.8	-	2.6	4.1	64.6	0.3	77.4	4,953
Kibirichia	0.0	0.2	-	1.8	0.1	1.1	0.9	38.9	0.5	43.4	0.5	7.6	3.2	7.8	37.0	0.6	56.6	7,131
Central Imeni Constituency	0.6	0.0	-	28.1	1.7	1.3	0.0	0.1	0.1	32.0	1.1	0.8	2.8	6.9	56.5	0.0	68.0	27,930
Mwanganthia	0.1	-	-	63.6	0.9	0.5	0.0	0.2	-	65.4	0.9	0.9	4.1	1.8	26.8	-	34.6	6,213
Abothuguchi Central	0.2	0.1	-	15.3	0.6	0.2	-	-	0.1	16.4	1.3	0.4	0.1	9.4	72.4	0.0	83.6	7,913
Abothuguchi West	0.1	-	-	1.5	0.0	0.0	0.1	0.1	0.2	2.1	1.6	0.6	-	12.1	83.7	0.0	97.9	8,499
Kiagu	2.7	-	-	48.1	7.1	5.8	-	0.1	0.0	63.9	0.4	1.4	9.8	0.8	23.8	-	36.1	5,305
South Imeni Constituency	0.4	0.0	0.0	15.3	1.2	0.7	0.0	0.8	0.1	18.5	0.6	0.6	1.6	8.7	70.0	0.1	81.5	39,198
Mitunguu	0.0	-	-	10.6	0.6	0.6	-	0.2	0.2	12.1	0.9	0.4	0.5	8.9	77.1	0.1	87.9	4,539
Igoji East	1.5	0.1	-	38.5	4.1	2.5	-	2.5	0.0	49.1	1.4	2.5	7.9	4.1	34.8	0.2	50.9	6,706
Igoji West	0.7	0.1	-	14.4	2.4	0.1	-	0.3	0.1	18.0	0.5	0.2	1.1	9.9	70.2	0.2	82.0	3,946
Abogeta East	0.2	-	0.0	23.6	0.6	0.7	0.1	1.0	0.1	26.4	0.7	0.3	0.1	8.9	63.5	0.2	73.6	7,184
Abogeta West	0.2	-	-	6.3	0.2	0.1	0.1	0.2	0.5	7.6	-	0.1	-	9.5	82.8	-	92.4	6,198
Nkuene	0.1	-	-	2.4	0.2	0.1	-	0.3	0.0	3.1	0.2	-	0.1	10.5	86.1	0.0	96.9	10,625

Table 26.26: Human Waste Disposal by County, Constituency and Ward

County/ Constituency	Main Sewer	Septic Tank	Cess Pool	VIP Latrine	Pit Latrine	Improved Sanitation	Pit Latrine Uncovered	Bucket	Bush	Other	Unimproved Sanitation	Number of HH Memmbers
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
Meru County	0.52	1.30	0.17	7.93	68.41	78.33	19.32	0.08	2.14	0.12	21.67	1,337,483
Igembe South Constituency	0.23	1.15	0.10	9.57	70.20	81.25	15.58	0.04	2.84	0.29	18.75	132,215
Maua	0.59	4.63	0.41	20.65	64.98	91.25	7.88	0.00	0.78	0.09	8.75	21,138
Kiegu/Antubochiu	0.39	1.36	0.00	5.98	80.23	87.96	11.15	0.06	0.79	0.04	12.04	32,176
Athiru Gaiti	0.15	0.09	0.03	8.37	73.40	82.04	15.41	0.03	2.50	0.02	17.96	26,641
Akachiu	0.07	0.13	0.09	7.87	63.21	71.37	23.89	0.06	4.63	0.05	28.63	26,593
Kanuni	0.00	0.15	0.06	7.97	65.85	74.04	19.05	0.04	5.59	1.28	25.96	25,667
Igembe Central Constituency	0.11	0.33	0.10	4.81	73.20	78.56	18.34	0.07	2.88	0.15	21.44	191,762
Akirangodu	0.18	0.12	0.06	1.53	59.64	61.54	34.43	0.05	3.85	0.13	38.46	31,300
Athiru Ruujine	0.02	0.96	0.09	5.91	76.12	83.11	13.69	0.00	3.17	0.03	16.89	44,048
Igembe East	0.05	0.07	0.06	9.53	71.90	81.62	14.82	0.06	3.17	0.33	18.38	44,256
Njia	0.23	0.15	0.07	2.22	78.08	80.75	16.50	0.16	2.45	0.12	19.25	42,607
Kangeta	0.07	0.26	0.28	3.33	78.12	82.05	16.18	0.06	1.60	0.11	17.95	29,551
Igembe North Constituency	0.10	0.08	0.16	4.85	73.62	78.81	14.19	0.07	6.83	0.10	21.19	153,984
Antuambui	0.08	0.11	0.10	13.55	69.05	82.88	13.90	0.16	3.00	0.06	17.12	29,063
Ntunene	0.18	0.24	0.35	2.55	72.85	76.18	22.70	0.03	0.96	0.13	23.82	19,390
Antubetwe Kiongo	0.07	0.01	0.05	3.66	78.73	82.53	9.46	0.06	7.88	0.06	17.47	32,176
Naathu	0.16	0.06	0.11	3.66	74.52	78.52	16.11	0.08	5.06	0.23	21.48	29,542
Amwathi	0.05	0.05	0.22	1.76	72.65	74.72	12.79	0.04	12.38	0.07	25.28	43,813
Tigania West Constituency	0.07	0.16	0.08	3.06	78.21	81.58	16.19	0.24	1.82	0.17	18.42	134,059
Athwana	0.11	0.07	0.06	3.43	60.64	64.31	24.00	0.09	10.87	0.73	35.69	17,662
Akithii	0.07	0.08	0.18	2.32	81.05	83.71	15.53	0.06	0.58	0.13	16.29	35,350
Kianjai	0.09	0.28	0.05	4.34	79.20	83.96	14.81	0.76	0.42	0.05	16.04	36,381
Nkomo	0.08	0.29	0.02	2.55	81.06	84.00	15.66	0.02	0.26	0.06	16.00	23,795
Mbeu	0.00	0.01	0.03	2.36	83.26	85.66	13.71	0.02	0.49	0.11	14.34	20,871

Tigania East Constituency	0.08	0.21	0.07	4.02	66.85	71.22	26.02	0.01	2.64	0.11	28.78	156,762
Thangatha	0.03	0.04	0.06	3.24	68.10	71.47	27.29	0.00	1.16	0.08	28.53	40,141
Mikinduri	0.08	0.22	0.03	9.28	73.39	83.00	15.88	0.03	1.03	0.07	17.00	33,685
Kiguchwa	0.06	0.25	0.00	4.78	61.24	66.33	31.73	0.00	1.88	0.06	33.67	19,162
Muthara	0.07	0.41	0.04	1.64	56.12	58.28	34.82	0.00	6.79	0.12	41.72	38,938
Karama	0.18	0.13	0.24	1.27	77.09	78.91	19.52	0.00	1.32	0.26	21.09	24,836
North Imenti Constituency	3.40	6.48	0.71	11.08	70.48	92.16	7.35	0.20	0.17	0.12	7.84	144,275
Municipality	11.30	19.32	3.68	12.43	45.16	91.88	7.90	0.11	0.09	0.02	8.12	25,070
Ntima East	7.58	5.03	0.10	14.05	66.44	93.21	5.61	1.08	0.07	0.03	6.79	20,767
Ntima West	0.38	1.92	0.10	4.09	90.35	96.83	2.96	0.05	0.05	0.11	3.17	33,265
Nyaki West	0.97	7.92	0.08	10.98	68.39	88.33	11.33	0.04	0.18	0.12	11.67	34,849
Nyaki East	0.12	0.22	0.05	15.73	74.81	90.93	8.35	0.04	0.42	0.26	9.07	30,324
Buuri Constituency	0.14	0.79	0.11	9.49	75.07	85.60	13.64	0.04	0.66	0.07	14.40	133,420
Timau	0.17	1.19	0.08	8.95	74.02	84.41	14.66	0.04	0.85	0.05	15.59	34,223
Kisima	0.13	1.23	0.03	9.58	63.32	74.29	24.41	0.06	1.16	0.07	25.71	29,551
Kiirua/Naari	0.14	0.16	0.12	6.22	85.74	92.38	7.07	0.00	0.53	0.02	7.62	27,031
Ruiri/Rwarera	0.20	0.60	0.28	14.00	77.84	92.93	6.44	0.09	0.49	0.05	7.07	18,206
Kibirichia	0.05	0.54	0.12	10.41	76.89	88.01	11.79	0.01	0.04	0.15	11.99	24,409
Central Imenti Constituency	0.23	0.67	0.09	12.60	73.03	86.62	12.71	0.01	0.62	0.04	13.38	115,222
Mwanganthia	0.02	0.16	0.02	15.10	67.55	82.85	16.55	0.00	0.59	0.00	17.15	24,309
Abothuguchi Central	0.62	0.43	0.06	10.60	71.20	82.92	16.75	0.00	0.27	0.06	17.08	33,412
Abothuguchi West	0.12	1.56	0.22	17.84	78.72	98.46	1.47	0.01	0.03	0.04	1.54	35,485
Kiagu	0.03	0.15	0.02	4.43	72.67	77.30	20.44	0.03	2.17	0.07	22.70	22,016
South Imenti Constituency	0.39	1.96	0.14	13.13	41.41	57.03	42.60	0.03	0.27	0.07	42.97	175,784
Mitunguu	0.20	0.76	0.32	22.22	51.68	75.18	24.20	0.00	0.54	0.07	24.82	20,579
Igoji East	0.74	0.66	0.09	10.53	20.32	32.33	67.04	0.03	0.52	0.07	67.67	28,636
Igoji West	0.44	0.98	0.04	6.71	22.18	30.35	69.56	0.03	0.06	0.00	69.65	20,179
Abogeta East	0.12	0.68	0.26	6.96	36.03	44.04	55.44	0.04	0.41	0.07	55.96	33,171
Abogeta West	0.51	1.10	0.04	13.85	39.35	54.86	45.07	0.02	0.03	0.02	45.14	30,193
Nkuene	0.34	5.46	0.09	17.79	65.14	88.82	10.86	0.04	0.13	0.15	11.18	43,026

Table 26.27: 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
Kenya	6.30	2.98	0.29	4.60	47.65	61.81	20.65	0.28	17.12	0.14	38.19	26,755,066
Rural	0.15	0.40	0.08	3.97	49.08	53.68	22.22	0.07	23.91	0.12	46.32	18,016,471
Urban	18.98	8.29	0.73	5.89	44.69	78.58	17.41	0.70	3.13	0.18	21.42	8,738,595
Meru County	0.52	1.28	0.17	8.11	68.57	78.64	19.18	0.07	1.99	0.12	21.36	1,012,329
Igembe South Constituency	0.21	1.10	0.10	9.83	70.48	81.73	15.27	0.05	2.67	0.28	18.27	105,761
Maua	0.52	4.49	0.37	20.62	65.26	91.25	7.83	0.00	0.82	0.10	8.75	16,380
Kiegu/Antubochiu	0.35	1.34	0.00	6.35	80.52	88.56	10.74	0.07	0.62	0.02	11.44	25,306
Athiru Gaiti	0.17	0.11	0.03	8.48	73.65	82.44	15.22	0.03	2.28	0.02	17.56	21,484
Akachiu	0.06	0.15	0.11	8.27	63.77	72.37	22.95	0.07	4.57	0.04	27.63	21,681
Kanuni	0.00	0.17	0.07	8.61	66.10	74.95	18.68	0.05	5.05	1.27	25.05	20,910
Igembe Central Constituency	0.12	0.32	0.08	4.76	73.76	79.04	18.06	0.08	2.67	0.16	20.96	151,039
Akirangodu	0.20	0.14	0.08	1.53	60.65	62.59	33.92	0.05	3.29	0.15	37.41	25,292
Athiru Ruujine	0.03	0.88	0.08	5.82	77.16	83.98	13.11	0.00	2.87	0.04	16.02	35,372
Igembe East	0.07	0.05	0.06	9.29	72.04	81.50	14.92	0.07	3.16	0.35	18.50	34,961
Njia	0.27	0.18	0.03	2.35	78.72	81.55	15.89	0.19	2.28	0.09	18.45	32,998
Kangeta	0.06	0.24	0.21	3.19	78.55	82.26	16.05	0.08	1.47	0.15	17.74	22,416
Igembe North Constituency	0.11	0.09	0.14	5.05	74.09	79.48	13.93	0.08	6.41	0.10	20.52	121,369
Antuambui	0.07	0.13	0.11	14.04	68.39	82.74	14.14	0.17	2.88	0.07	17.26	23,047
Ntunene	0.23	0.28	0.34	2.47	73.93	77.25	21.64	0.00	1.01	0.10	22.75	15,209
Antubetwe Kiongo	0.08	0.00	0.04	3.70	79.99	83.81	8.81	0.05	7.27	0.05	16.19	25,160
Naathu	0.17	0.05	0.06	3.79	75.02	79.10	15.85	0.10	4.74	0.21	20.90	24,220
Amwathi	0.07	0.06	0.19	1.98	73.01	75.30	12.76	0.05	11.81	0.08	24.70	33,733
Tigania West Constituency	0.08	0.17	0.08	3.14	79.02	82.49	15.66	0.22	1.49	0.14	17.51	92,347
Athwana	0.18	0.11	0.05	4.02	59.81	64.17	25.08	0.09	9.80	0.87	35.83	10,381
Akithii	0.07	0.07	0.20	2.48	82.07	84.89	14.42	0.03	0.60	0.05	15.11	23,501
Kianjai	0.09	0.30	0.07	4.02	79.80	84.28	14.58	0.70	0.39	0.04	15.72	25,426
Nkomo	0.07	0.31	0.00	2.82	81.69	84.89	14.86	0.02	0.22	0.02	15.11	17,341
Mbeu	0.01	0.01	0.03	2.50	82.93	85.47	13.88	0.03	0.51	0.11	14.53	15,698

Tigania East Constituency	0.09	0.22	0.08	4.36	67.19	71.93	25.75	0.01	2.22	0.09	28.07	114,817
Thangatha	0.04	0.04	0.06	3.64	68.76	72.54	26.51	0.00	0.87	0.08	27.46	31,827
Mikinduri	0.05	0.25	0.04	9.69	73.13	83.15	15.68	0.03	1.04	0.10	16.85	25,090
Kiguchwa	0.08	0.21	0.00	5.33	61.70	67.32	30.86	0.00	1.76	0.05	32.68	14,557
Muthara	0.08	0.48	0.07	1.69	54.83	57.16	36.69	0.00	6.11	0.05	42.84	24,813
Karama	0.24	0.14	0.25	1.15	77.34	79.12	19.41	0.00	1.27	0.20	20.88	18,530
North Imenti Constituency	3.49	6.40	0.70	11.17	70.51	92.28	7.27	0.18	0.17	0.10	7.72	106,894
Municipality	11.57	19.68	3.64	12.45	44.47	91.82	7.97	0.09	0.12	0.00	8.18	18,159
Ntima East	8.32	5.24	0.09	13.67	65.88	93.19	5.70	1.02	0.05	0.05	6.81	15,270
Ntima West	0.37	2.07	0.12	4.27	90.17	97.00	2.80	0.03	0.07	0.10	3.00	24,824
Nyaki West	0.93	7.44	0.10	11.40	68.70	88.57	11.04	0.05	0.20	0.14	11.43	25,874
Nyaki East	0.12	0.14	0.07	15.76	75.00	91.10	8.33	0.03	0.38	0.17	8.90	22,767
Buuri Constituency	0.14	0.88	0.12	9.91	74.72	85.77	13.52	0.03	0.60	0.07	14.23	96,224
Timau	0.15	1.21	0.07	9.25	74.18	84.87	14.14	0.02	0.90	0.06	15.13	24,658
Kisima	0.13	1.44	0.04	10.45	62.26	74.33	24.57	0.09	0.99	0.03	25.67	21,396
Kiirua/Naari	0.16	0.17	0.08	6.24	85.80	92.45	7.08	0.00	0.44	0.03	7.55	19,639
Ruiri/Rwarera	0.21	0.66	0.35	14.62	77.31	93.15	6.34	0.06	0.38	0.08	6.85	13,253
Kibirichia	0.06	0.68	0.16	10.72	76.35	87.96	11.80	0.01	0.03	0.20	12.04	17,278
Central Imenti Constituency	0.21	0.65	0.09	12.65	73.53	87.11	12.22	0.01	0.61	0.04	12.89	87,292
Mwanganthia	0.03	0.16	0.03	14.42	68.16	82.80	16.50	0.01	0.70	0.00	17.20	18,096
Abothuguchi Central	0.59	0.40	0.05	10.67	72.30	84.03	15.70	0.00	0.24	0.04	15.97	25,499
Abothuguchi West	0.08	1.56	0.20	18.06	78.54	98.44	1.47	0.02	0.03	0.03	1.56	26,986
Kiagu	0.00	0.07	0.02	4.98	73.11	78.19	19.66	0.04	2.02	0.10	21.81	16,711
South Imenti Constituency	0.36	1.86	0.13	13.12	41.49	56.95	42.70	0.02	0.25	0.08	43.05	136,586
Mitunguu	0.17	0.66	0.31	22.05	52.06	75.24	24.22	0.01	0.52	0.01	24.76	16,040
Igoji East	0.59	0.53	0.06	10.52	20.46	32.17	67.25	0.00	0.53	0.06	67.83	21,930
Igoji West	0.43	1.05	0.05	6.71	22.70	30.94	68.96	0.04	0.07	0.00	69.06	16,233
Abogeta East	0.10	0.59	0.21	6.83	36.60	44.32	55.27	0.01	0.32	0.09	55.68	25,987
Abogeta West	0.46	1.04	0.05	13.97	39.93	55.44	44.47	0.02	0.04	0.03	44.56	23,995
Nkuene	0.38	5.38	0.12	18.11	64.97	88.96	10.70	0.05	0.11	0.18	11.04	32,401

Table 26.28: Human Waste Disposal in Female Headed Household by County, Constituency and Ward

County/ Constituency	Main Sewer	Septic Tank	Cess Pool	VIP Latrine	Pit Latrine	Improved Sanitation	Pit Latrine Uncovered	Bucket	Bush	Other	Unimproved Sanitation	Number of HH Members
Kenya	5.0	2.2	0.2	4.5	47.6	59.5	21.4	0.3	18.7	0.2	40.5	11,164,581.0
Rural	0.1	0.3	0.1	4.0	48.5	53.0	22.6	0.1	24.2	0.1	47.0	8,058,724.0
Urban	17.6	7.2	0.6	5.9	45.1	76.4	18.4	0.7	4.3	0.2	23.6	3,105,857.0
Meru	0.5	1.4	0.2	7.4	67.9	77.4	19.8	0.1	2.6	0.1	22.6	325,154.0
Igembe South	0.3	1.3	0.1	8.5	69.1	79.4	16.8	0.0	3.5	0.3	20.6	26,454.0
Maua	0.8	5.1	0.5	20.7	64.0	91.2	8.0	0.0	0.6	0.1	8.8	4,758.0
Kiegu/Antubochiu	0.5	1.5	0.0	4.6	79.2	85.7	12.7	0.0	1.4	0.1	14.3	6,870.0
Athiru Gaiti	0.1	0.0	0.0	7.9	72.3	80.4	16.2	0.0	3.4	0.0	19.6	5,157.0
Akachiu	0.1	0.0	0.0	6.1	60.7	66.9	28.1	0.0	4.9	0.1	33.1	4,912.0
Kanuni	0.0	0.1	0.0	5.2	64.8	70.0	20.7	0.0	8.0	1.3	30.0	4,757.0
Igembe Central	0.1	0.4	0.2	5.0	71.1	76.8	19.4	0.0	3.7	0.1	23.2	40,723.0
Akirangondu	0.1	0.0	0.0	1.5	55.4	57.1	36.6	0.1	6.2	0.1	42.9	6,008.0
Athiru Ruujine	0.0	1.3	0.1	6.3	71.9	79.6	16.0	0.0	4.4	0.0	20.4	8,676.0
Igembe East	0.0	0.2	0.1	10.4	71.4	82.1	14.4	0.0	3.2	0.3	17.9	9,295.0
Njia	0.1	0.0	0.2	1.8	75.9	78.0	18.6	0.1	3.1	0.2	22.0	9,609.0
Kangeta	0.1	0.3	0.5	3.7	76.7	81.4	16.6	0.0	2.0	0.0	18.6	7,135.0
Igembe North	0.1	0.0	0.2	4.1	71.9	76.3	15.1	0.1	8.4	0.1	23.7	32,615.0
Antuambui	0.1	0.0	0.1	11.7	71.6	83.4	13.0	0.1	3.4	0.0	16.6	6,016.0
Ntunene	0.0	0.1	0.4	2.8	68.9	72.3	26.6	0.1	0.8	0.2	27.7	4,181.0
Antubetwe Kiongo	0.1	0.1	0.1	3.5	74.2	77.9	11.8	0.1	10.1	0.1	22.1	7,016.0
Naathu	0.1	0.1	0.3	3.1	72.3	75.9	17.3	0.0	6.5	0.3	24.1	5,322.0
Amwathi	0.0	0.0	0.3	1.0	71.4	72.8	12.9	0.0	14.3	0.0	27.2	10,080.0
Tigania West	0.1	0.1	0.1	2.9	76.4	79.6	17.4	0.3	2.6	0.2	20.4	41,712.0
Athwana	0.0	0.0	0.1	2.6	61.8	64.5	22.5	0.1	12.4	0.5	35.5	7,281.0
Akithii	0.1	0.1	0.2	2.0	79.0	81.3	17.7	0.1	0.5	0.3	18.7	11,849.0
Kianjai	0.1	0.2	0.0	5.1	77.8	83.2	15.3	0.9	0.5	0.1	16.8	10,955.0
Nkomo	0.1	0.3	0.1	1.8	79.4	81.6	17.8	0.0	0.4	0.2	18.4	6,454.0
Mbeu	0.0	0.0	0.0	2.0	84.3	86.3	13.2	0.0	0.4	0.1	13.7	5,173.0
Tigania East	0.1	0.2	0.1	3.1	65.9	69.3	26.8	0.0	3.8	0.2	30.7	41,945.0
Thangatha	0.0	0.0	0.1	1.7	65.6	67.4	30.3	0.0	2.3	0.1	32.6	8,314.0
Mikinduri	0.2	0.1	0.0	8.1	74.1	82.5	16.4	0.0	1.0	0.0	17.5	8,595.0
Kiguchwa	0.0	0.4	0.0	3.0	59.8	63.2	34.5	0.0	2.3	0.1	36.8	4,605.0
Muthara	0.1	0.3	0.0	1.5	58.4	60.3	31.5	0.0	8.0	0.2	39.7	14,125.0
Karama	0.0	0.1	0.2	1.6	76.3	78.3	19.8	0.0	1.4	0.4	21.7	6,306.0
North Imenti	3.1	6.7	0.7	10.8	70.4	91.8	7.6	0.3	0.2	0.2	8.2	37,381.0
Municipality	10.6	18.4	3.8	12.4	47.0	92.1	7.7	0.2	0.0	0.1	7.9	6,911.0
Ntima East	5.5	4.4	0.1	15.1	68.0	93.3	5.3	1.3	0.1	0.0	6.7	5,497.0
Ntima West	0.4	1.5	0.0	3.6	90.9	96.4	3.4	0.1	0.0	0.1	3.6	8,441.0
Nyaki West	1.1	9.3	0.0	9.8	67.5	87.6	12.2	0.0	0.1	0.1	12.4	8,975.0
Nyaki East	0.1	0.5	0.0	15.6	74.2	90.4	8.4	0.1	0.6	0.5	9.6	7,557.0
Buuri	0.1	0.6	0.1	8.4	76.0	85.2	13.9	0.0	0.8	0.0	14.8	37,196.0
Timau	0.2	1.1	0.1	8.2	73.6	83.2	16.0	0.1	0.7	0.0	16.8	9,565.0
Kisima	0.1	0.7	0.0	7.3	66.1	74.2	24.0	0.0	1.6	0.2	25.8	8,155.0
Kiirua/Naari	0.1	0.1	0.2	6.1	85.6	92.2	7.0	0.0	0.8	0.0	7.8	7,392.0
Ruiri/Rwarera	0.2	0.4	0.1	12.4	79.3	92.3	6.7	0.2	0.8	0.0	7.7	4,953.0

Kibirichia	0.0	0.2	0.0	9.7	78.2	88.1	11.8	0.0	0.0	0.0	11.9	7,131.0
Central Imenti	0.3	0.7	0.1	12.4	71.5	85.1	14.2	0.0	0.7	0.1	14.9	27,930.0
Mwanganthia	0.0	0.2	0.0	17.1	65.8	83.0	16.7	0.0	0.3	0.0	17.0	6,213.0
Abothuguchi Central	0.7	0.5	0.1	10.4	67.7	79.3	20.1	0.0	0.4	0.1	20.7	7,913.0
Abothuguchi West	0.2	1.5	0.3	17.1	79.3	98.5	1.4	0.0	0.0	0.0	1.5	8,499.0
Kiagu	0.1	0.4	0.0	2.7	71.3	74.5	22.9	0.0	2.6	0.0	25.5	5,305.0
South Imenti	0.5	2.3	0.2	13.2	41.1	57.3	42.2	0.1	0.4	0.1	42.7	39,198.0
Mitunguu	0.3	1.1	0.4	22.8	50.3	75.0	24.1	0.0	0.6	0.3	25.0	4,539.0
Igoji East	1.2	1.1	0.2	10.6	19.8	32.9	66.4	0.1	0.5	0.1	67.1	6,706.0
Igoji West	0.5	0.7	0.0	6.7	20.0	27.9	72.0	0.0	0.1	0.0	72.1	3,946.0
Abogeta East	0.2	1.0	0.4	7.5	34.0	43.1	56.1	0.2	0.7	0.0	56.9	7,184.0
Abogeta West	0.7	1.4	0.0	13.4	37.1	52.6	47.4	0.0	0.0	0.0	47.4	6,198.0
Nkuene	0.2	5.7	0.0	16.8	65.6	88.4	11.4	0.0	0.2	0.0	11.6	10,625.0



About KNBS

The Kenya National Bureau of Statistics (KNBS) is a semi-autonomous organization established under Statistics Act 2006 as the principal agency for collecting, compiling, analyzing, publishing and disseminating statistical information needed for planning and policy formulation and is the custodian of official statistical information. More specifically the Bureau is charged with responsibility of: planning, authorizing, co-coordinating and supervising all official statistical programmes undertaken within the National Statistical System (NSS); establishing standards and promoting the use of best practices and methods in the production and dissemination of statistical information across the NSS; collecting, compiling, analyzing, abstracting and disseminating statistical information on matters specified in the First Schedule of the Statistics Act; conducting population and housing census every ten years, and such other censuses and surveys as the board may determine; and maintaining a comprehensive and reliable national socio-economic database.

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