

4. Expenditure and poverty

3.1 Consumption expenditure

Household welfare is highly correlated with income. Household incomes are not easy to measure, because they are not always a true reflection of actual incomes, but household consumption expenditure is usually a reliable indicator. Individual expenditures have historically been shown to be correlated with income level. Household surveys have therefore traditionally captured data on expenditures as a proxy for estimating incomes. Consumption expenditure on a determined food basket is used to estimate the poverty line.

Household consumption expenditure in table 3.1 reveals inequalities both nationally and across rural and urban areas. For purposes of analyzing inequality, we divide the population into quintiles, each representing 20 percent of all the households in Kenya, from the lowest to highest expenditures. The consumption expenditure share of the fifth quintile with the highest expenditures of KSh7,200 or above is 3.6 times more than that of the first quintile with expenditures of KSh 1,440 or below.

The disparities in consumption expenditure are more pronounced in urban areas with expenditures in the fifth quintile being 121 times more than the first quintile. Rural areas have minimal differences. However, when we look at the population that is in each decile across areas, there are big disparities between rural and urban areas; 44.6 percent of the total rural population is in the first quintile, while only 2.6 percent of urban population is in the first quintile. This is in comparison to the fifth decile with populations of 1.5 percent and 34.1 percent in rural and urban areas, respectively. This shows that there are large income differentials between urban and rural areas.

When we separate the rural and urban areas and look at inequality within each, we see that it is not all that different as illustrated in table 3.2. In rural areas, the ratio of the top quintile to the bottom quintile is 6.4 while that of urban areas is 6.6.

Inequalities in consumption expenditure are pronounced across counties (see table 3.1). Nairobi, Mombasa and Kiambu counties display significant differences with the 5th quintile spending more than the first by 691 times in Nairobi, 75 in Mombasa and 20 Kiambu. These three counties show a skewed distribution of expenditures compared to the other seven top ranked counties. In eight of the bottom 10 counties at least 50 percent of their population is in the bottom 1st quintile with expenditures of KSh 1,440 or below compared to only 0.6 percent of the population in Nairobi County.

Table 3.1: National and county monthly expenditure deciles distribution* by share, proportion of households, and population

	CONSUMPTION EXPENDITURE SHARE PER QUINTILE					NUMBER OF INDIVIDUALS PER QUINTILE					NUMBER OF HOUSEHOLDS PER QUINTILE					
	1st	2nd	3rd	4th	5th	1st	2nd	3rd	4th	5th	1st	2nd	3rd	4th	5th	
Name	Ksh. Below 1,440	Ksh. 1,441-2,840	Ksh. 2,841-3,880	Ksh. 3,881-7,200	Ksh. Above 7,200	Ksh. Below 1,440	Ksh. 1,441-2,840	Ksh. 2,841-3,880	Ksh. Above 3,881-7,200	Ksh. Above 7,200	Ksh. Below 1,440	Ksh. 1,441-2,840	Ksh. 2,841-3,880	Ksh. Above 3,881-7,200	Total	
Kenya	9.8	13.6	17.8	23.1	35.7	31.5	23.5	18.9	14.4	11.7	37,565,589	20.0	20.0	20.0	8,469,875	
Rural	21.1	17.0	29.5	26.2	6.2	44.6	21.1	20.5	12.2	1.5	25,843,775	31.6	20.3	24.3	20.4	3.5
Urban	0.5	10.8	8.0	20.5	60.3	2.6	28.7	15.3	19.3	34.1	11,721,814	1.3	19.5	19.4	46.8	3,230,559
Top 10 counties																
Nairobi	0.1	6.2	6.6	17.9	69.1	0.6	19.2	15.3	20.2	44.7	3,068,835	0.3	15.5	13.1	19.6	51.5
Mombasa	0.8	10.8	8.0	20.1	60.3	5.0	27.8	14.8	17.9	34.4	918,681	3.6	22.8	13.4	18.4	41.8
Kiambu	2.2	7.6	11.1	35.2	44.0	9.6	17.9	17.2	31.4	23.8	1,601,101	4.7	11.5	14.6	32.0	37.2
Kisumu	4.9	14.3	12.1	16.9	51.9	17.7	30.9	16.6	12.7	22.1	951,587	11.0	26.9	18.7	15.3	28.1
Lamu	5.0	7.9	14.0	27.6	45.6	28.1	15.1	17.7	21.9	17.2	98,646	24.4	11.5	15.3	23.9	24.9
Nakuru	5.0	14.1	20.0	27.5	33.5	16.1	26.5	24.6	19.3	13.5	1,562,625	8.5	18.2	21.8	25.3	26.2
Machakos	6.0	15.6	15.9	26.7	35.7	20.0	28.9	19.2	18.1	13.8	1,084,129	13.0	21.8	18.5	21.3	25.5
UasinGishu	5.6	15.1	23.4	26.0	29.9	17.0	27.2	26.9	17.6	11.3	867,712	9.4	19.3	24.3	23.0	24.1
Nyeri	5.6	9.6	20.8	36.2	27.9	18.5	19.2	24.3	27.1	10.9	678,735	10.3	14.3	22.9	34.1	18.2
Kajiado	7.0	14.3	17.6	26.9	34.2	22.0	26.6	20.7	17.9	12.8	675,955	13.0	20.2	19.1	21.9	25.8
Median county																
Kisii	15.0	18.7	21.7	16.2	28.4	36.7	27.9	19.3	8.8	7.3	1,139,552	27.9	27.1	22.4	11.9	10.7
Bottom 10 counties																
Narok	15.5	21.9	34.3	19.6	8.7	31.4	29.6	26.6	10.0	2.3	838,624	20.5	25.4	29.8	17.9	6.5
																163,721



Kitui	24.0	17.2	23.3	22.8	12.6	50.2	20.5	16.3	10.0	3.0	979,563	38.1	19.6	19.3	15.7	7.3	198,933
Bomet	19.7	21.4	29.0	20.0	10.0	39.4	27.0	21.6	9.4	2.6	721,873	27.9	24.3	24.6	17.3	5.8	141,164
Makueni	24.9	18.5	24.7	20.5	11.4	50.0	21.8	16.8	8.9	2.5	873,416	36.9	20.5	19.7	15.3	7.5	186,047
Marsabit	32.9	30.0	11.8	11.4	13.8	58.1	28.8	7.0	3.6	2.5	288,272	50.2	30.0	9.3	5.1	5.4	56,536
Samburu	33.3	26.2	18.5	10.9	11.1	56.1	26.6	11.3	3.8	2.3	220,978	43.2	27.9	16.4	7.1	5.5	45,353
West Pokot	33.0	24.0	23.8	13.0	6.2	55.0	24.8	14.1	4.9	1.3	485,464	39.3	26.6	20.2	10.1	3.8	78,428
Mandera	48.3	28.7	11.0	6.9	5.1	72.1	20.5	4.9	1.7	0.8	927,605	67.3	21.8	6.4	2.6	1.8	109,602
Turkana	57.0	25.5	5.9	5.7	5.9	77.6	17.6	2.6	1.3	0.9	801,346	67.3	21.8	4.8	3.0	3.0	106,004
Wajir	52.4	24.9	13.9	5.7	3.1	74.9	17.5	5.7	1.5	0.4	522,830	65.6	20.9	9.2	3.0	1.4	60,602

*The total may not add up to 100 for some due to aggregation

NB: Counties have been ranked by proportion with highest ratio between 1st and 5th quintile

Table 3.2: Average rural and urban consumption expenditure deciles

RURAL HOUSEHOLDS			
Quintile	Expenditure share	% of Households	% of Population
Ksh. 0-1245	6.5	20	30.5
Ksh. 1246-1583	9.8	20	23.4
Ksh. 1584-3133	17.0	20	19.3
Ksh. 3134-4199	24.9	20	15.6
Ksh. 4200 +	41.7	20	11.1
Total/Number	100	5,239,316	25,843,775
URBAN HOUSEHOLDS			
Quintile	Expenditure share	% Households	% of Population
Ksh. 0-2433	5.9	20	30.2
Ksh. 3434-3163	10.7	20	22.7
Ksh. 3164-6848	19.0	20	19.3
Ksh. 6849-9521	25.0	20	15.8
Ksh. 9252-11683	39.2	20	12.0
Total/Number	100	3,230,559	11,721,814

3.2 Poverty line

Poverty in this report is measured using estimated consumption expenditures. The poverty line is a threshold below which people are deemed poor. In 2005/06, the poverty line was estimated at KSh 1,562 and KSh 2,913 per adult equivalent 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.

At county level, there are significant inequalities in poverty. The proportion of individuals below the poverty line in Turkana (87.5 percent), Mandera (85.8 percent) and Wajir (84.2 percent) is four times that of Nairobi, which has the lowest poverty at 21.8 percent (see table 3.3), and almost double that of Laikipia (47.9 percent), the median county. The national inequalities in poverty across counties are depicted in figure 3.1, where the incidence of poverty is higher in the northern and coastal parts of the country and significantly lower in others especially in Nairobi and the central parts of the country.

These differences are more pronounced at constituency level (see table 3.3) whereby the proportion of the population below the poverty line in the poorest constituency (Turkana East) with 93.1 percent of its population living below the poverty line is nine times greater than the least poor constituency (Embakasi West) where only 10.3 percent of the population live below the poverty line. In total, 25 counties and 148 constituencies have more than 45.2% of their populations below the national poverty line.

Figure 3.1: Proportion of population below poverty line (headcount index) by county

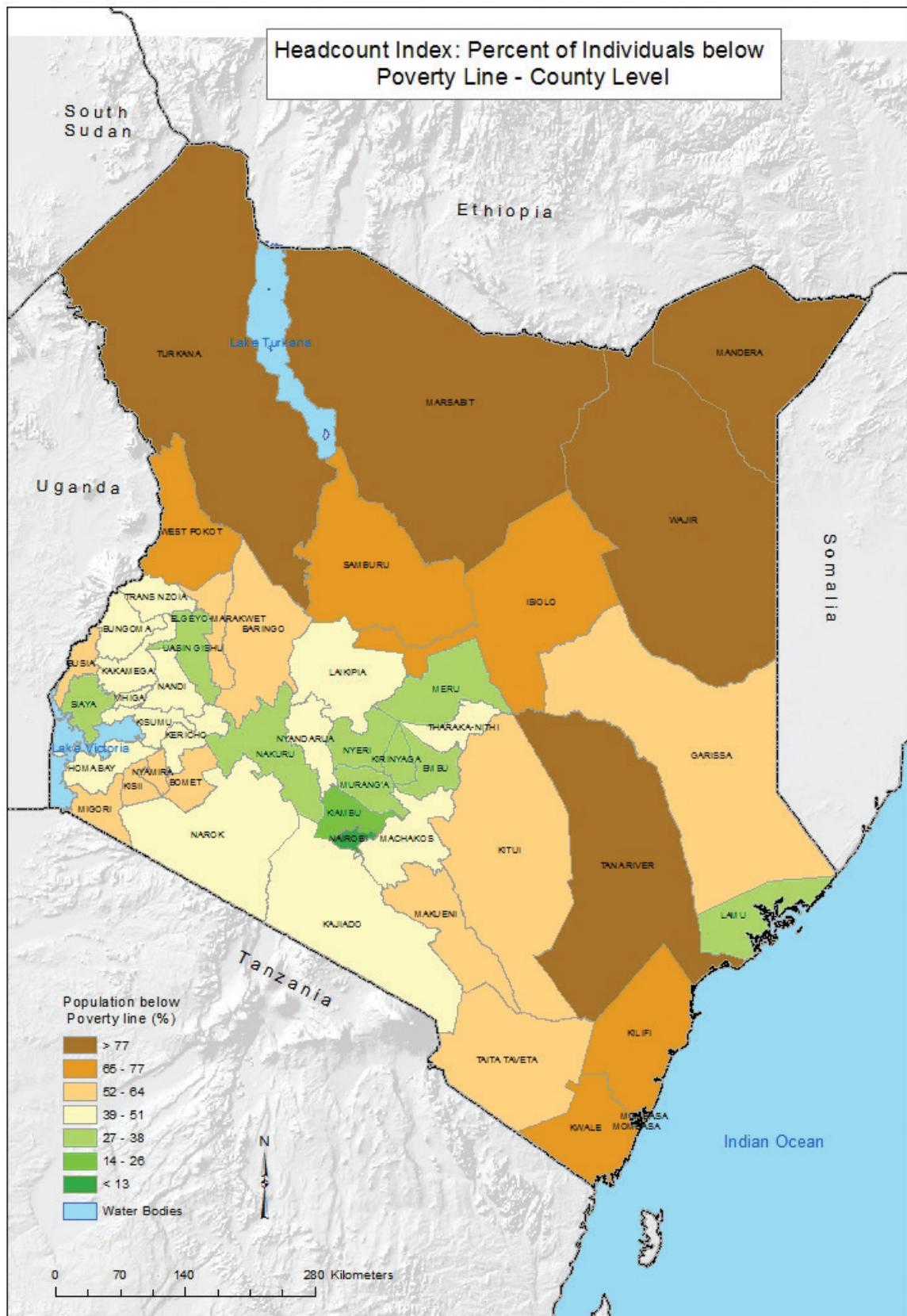


Table 3.3: Counties ranking by poverty indicators

Name	Headcount index: percentage of individuals below poverty line	Standard error of headcount index	County	Poverty gap as percent of poverty line	Standard error of poverty gap	County	Severity of poverty as percent of poverty line	Standard error of severity of poverty
Kenya	45.2	0.081		12.2	0.040		4.9	0.025
Rural	50.5	0.098		14.1	0.052		5.8	0.033
Urban	33.5	0.137		8.1	0.056		3.0	0.034
Top 10 counties								
Turkana	87.5	0.404	Tana River	46.1	0.993	Tana River	30.8	0.798
Mandera	85.8	0.581	Kwale	41.8	0.632	Kwale	28.8	0.505
Wajir	84.2	0.797	Mandera	32.4	0.456	Kilifi	20.8	0.396
Marsabit	75.8	0.934	Wajir	31.9	0.676	Wajir	15.3	0.467
Tana River	75.6	1.245	Kilifi	31.4	0.513	Mandera	15.2	0.296
Samburu	71.4	0.868	Turkana	29.0	0.421	Turkana	11.4	0.255
Kwale	70.7	0.754	Marsabit	22.9	0.593	Lamu	9.6	1.072
West Pokot	66.3	0.741	Isiolo	19.0	0.636	Marsabit	8.8	0.308
Isiolo	65.3	1.421	Garissa	18.7	0.621	Garissa	8.0	0.395
Makueni	60.6	0.457	Samburu	17.4	0.431	Taita-Taveta	7.2	0.347
Median county								
Laikipia	47.9	0.823	Laikipia	10.5	0.279	Baringo	3.3	0.097
Bottom 10 counties								
Mombasa	34.8	0.363	Siaya	7.6	0.122	Kiambu	2.1	0.076
Uasin-Gishu	33.8	0.354	Nandi	7.5	0.116	Nyeri	2.0	0.043
Nakuru	33.5	0.312	Narok	7.1	0.188	Trans-Nzoia	2.0	0.039
Murang'a	33.2	0.299	Nyeri	6.2	0.095	Nandi	2.0	0.040
Lamu	32.3	2.005	Nakuru	6.1	0.093	Kirinyaga	1.8	0.115
Meru	31.0	0.377	Meru	6.0	0.098	Narok	1.7	0.067
Nyeri	27.6	0.311	Uasin-Gishu	6.0	0.095	Meru	1.6	0.033
Kirinyaga	25.9	0.566	Kiambu	5.9	0.128	Nakuru	1.6	0.039
Kiambu	24.2	0.288	Kirinyaga	5.7	0.233	Uasin-Gishu	1.5	0.033
Nairobi	21.8	0.203	Nairobi	4.1	0.059	Nairobi	1.2	0.026

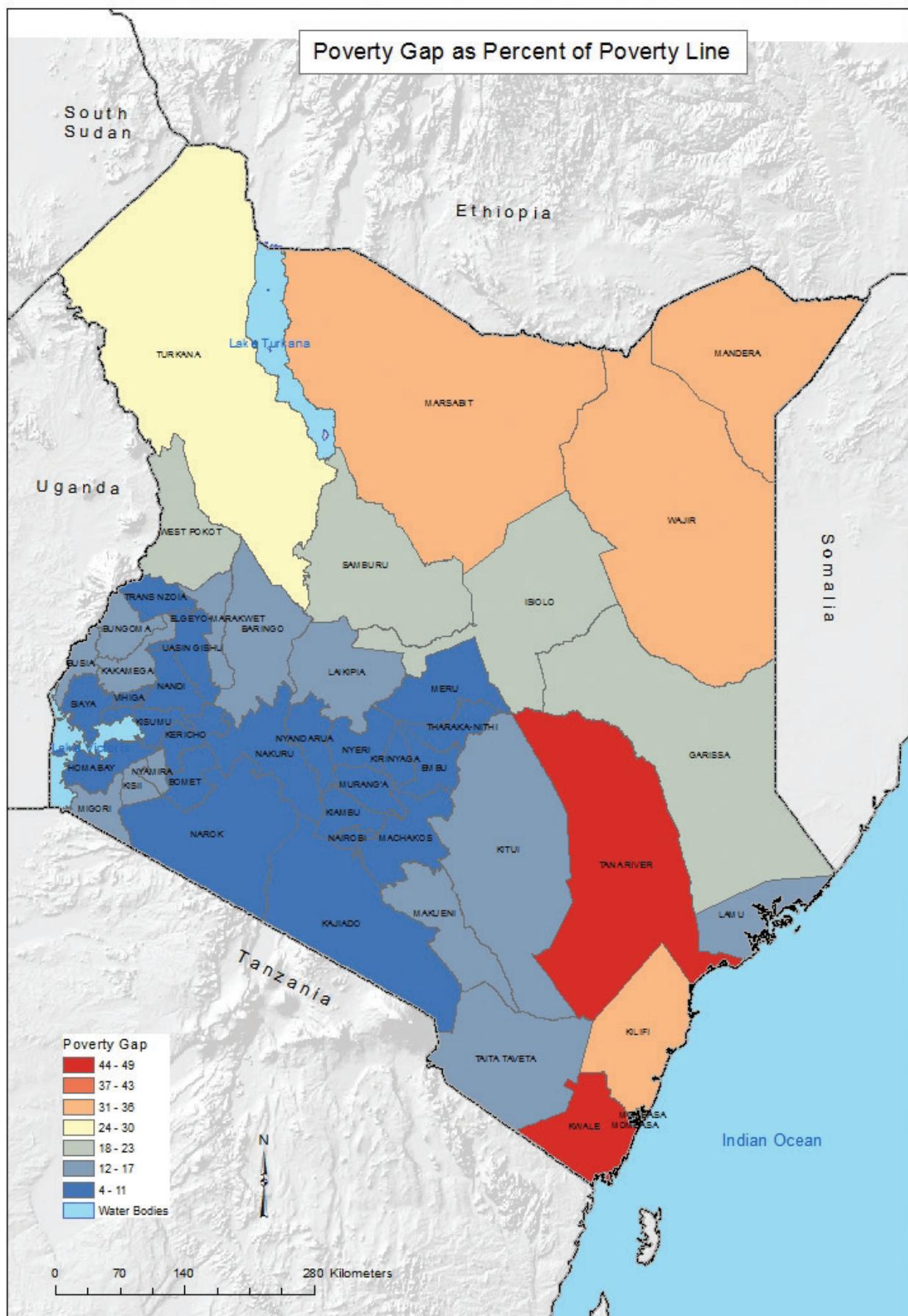
Table 3.4: Constituencies ranking by poverty indicators

Constituency	Headcount index: percentage of individuals below poverty line	Standard error of headcount index	Constituency	Poverty gap as percent of poverty line	Standard error of poverty gap	Constituency	Severity of poverty as percent of poverty line	Standard error of severity of poverty
Top 10 constituencies								
Turkana East	93.1	0.814	Magarini	54.4	1.000	Kinango	38.4	0.907
Turkana North	91.7	0.685	Kinango	54.4	1.085	Magarini	37.9	0.837
Mandera South	91.6	0.661	Ganze	49.4	1.245	Lunga Lunga	33.8	0.964
Loima	91.4	0.758	Lunga Lunga	48.7	1.153	Ganze	33.6	1.018
Eldas	88.4	2.208	Garsen	46.8	1.678	Bura	31.1	1.401
Turkana South	87.7	1.103	Bura	46.3	1.770	Garsen	31.0	1.318
Mandera North	87.5	0.906	Galoile	44.7	1.801	Galoile	30.0	1.489
Wajir North	86.9	1.350	Mandera South	36.0	0.756	Matuga	19.8	0.933
Banissa	86.5	1.781	Wajir North	35.7	1.345	Malindi	18.9	0.986
Mandera West	85.9	2.003	Tarbaj	34.5	2.119	Kilifi North	18.8	0.759
Median constituency								
Kisumu West	45.9	1.550	Kitui Central	10.2	0.309	Kitui Rural	3.2	0.126
Bottom 10 constituencies								
Kisumu Central	18.6	0.617	Kapseret	3.5	0.120	Kapseret	0.8	0.036
Githunguri	18.3	0.433	Nakuru Town East	3.1	0.133	Starehe	0.8	0.057
Kajiado North	18.3	0.472	Nakuru Town West	3.1	0.136	Kamukunji	0.7	0.056
Langata	17.0	0.882	Starehe	2.8	0.182	Nakuru Town East	0.7	0.039
Starehe	16.4	0.859	Embakasi East	2.7	0.153	Nakuru Town West	0.7	0.043
Embakasi East	15.9	0.799	Kamukunji	2.6	0.159	Embakasi East	0.7	0.045
Kamukunji	15.1	0.654	Kajiado North	2.6	0.095	Kajiado North	0.6	0.027
Makadara	11.3	0.555	Makadara	1.8	0.114	Makadara	0.5	0.036
Embakasi Central	10.9	0.497	Embakasi Central	1.6	0.096	Embakasi Central	0.4	0.029
Embakasi West	10.3	0.505	Embakasi West	1.6	0.109	Embakasi West	0.4	0.035

3.3 Poverty gap

The poverty gap provides an indicator of the depth of poverty. It is therefore an important indicator for fiscal decentralisation because it can be used to estimate the resources required in order to bring the population above the poverty line. The poverty gap is expressed as the mean of the ratio of expenditure shortfalls to the poverty over all the households in a given area expressed as a percentage. Poverty gap as a percentage of the poverty line in Kenya is at 12.2 percent. The poverty gap is lowest in counties around the centre of the country and parts of the southeast (see figure 3.2). It is highest in Tana River, Kwale and Mandera Counties at 46.1 percent, 41.8 percent and 32.4 percent, respectively (see table 3.3). These huge disparities in the poverty gap illustrate the variation in the extent of county requirements to pull the population out of poverty.

Figure 3.2: Poverty gap as a percentage of poverty line



3.4 Gini coefficient

The Gini coefficient is a commonly used measure of inequality in incomes among populations. It varies between '0' reflecting complete equality and '1' indicating complete inequality. The Gini coefficient is based on the Lorenz curve which compares income across the entire population of an area. It is a useful measure because it incorporates all of the information available from a particular area.

The Gini coefficient of inequality, using consumption expenditures per capita, is presented in table 3.5. The national Gini coefficient is estimated at 0.445. This reflects a high level of inequality. When we look at the Gini coefficient within rural areas, it is 0.361. In urban areas, it is 0.368. Thus while inequality in urban areas appear similar to that of rural areas, rural areas have a disproportionately higher population at 68.8 percent (compared to 31.2 percent in urban areas) but control only 45.4 percent of the consumption expenditure. Once we bring them together, however, the inequality levels jump. The leap in national Gini coefficient is due to income gaps between rural and urban areas. A decrease in the income gap between urban and rural areas is therefore a necessary condition to reduce the national Gini coefficient. This is highlighted in the consumption expenditure patterns of rural and urban areas that reflect the prevailing income gaps between the populations in the two areas. As illustrated in table 3.5, household expenditure in Kenya averages KSh 3,440 per adult equivalent¹. In rural areas, household expenditure per adult equivalent per month is KSh 2,270 and in urban areas it is KSh 6,010.

The Lorenz curve in figure 3.3 compares inequality between rural and urban areas. Rural areas show slightly higher levels of inequality than urban areas in counties. This can be explained by the weight of counties with high differences in inequality between their urban and rural areas.

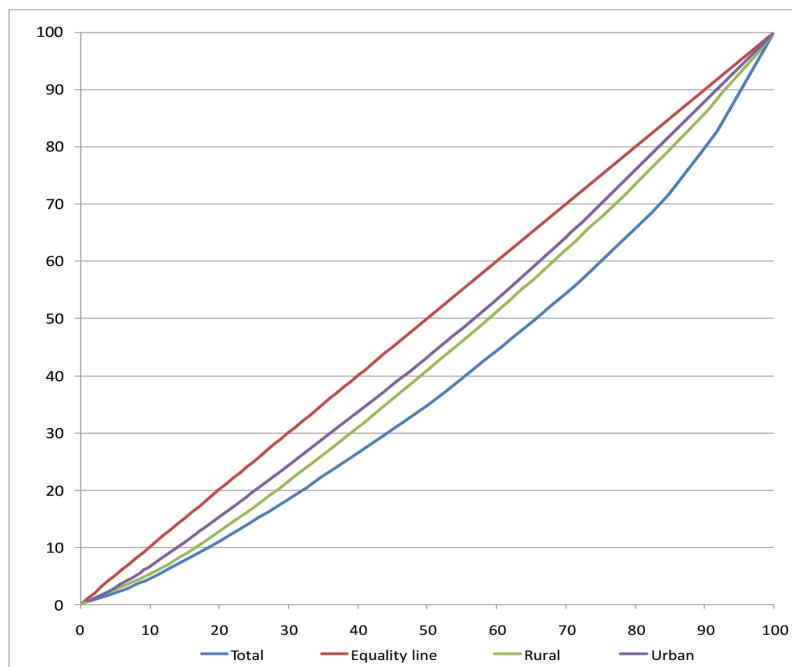


Figure 3.3: The Lorenz Curve

Counties with the highest income inequalities are Tana River, Kwale and Kilifi with Gini coefficients of 0.617, 0.597 and 0.565 respectively (Table 3.5). These are situated along the coastal area of the country as seen in figure 3.4. The most equal counties are Turkana, Narok, and West Pokot with Gini coefficients of 0.283, 0.315, and 0.318, respectively. This data shows that high poverty is not equivalent to high inequality, as the most equal counties, such as Turkana, are also among the poorest.

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

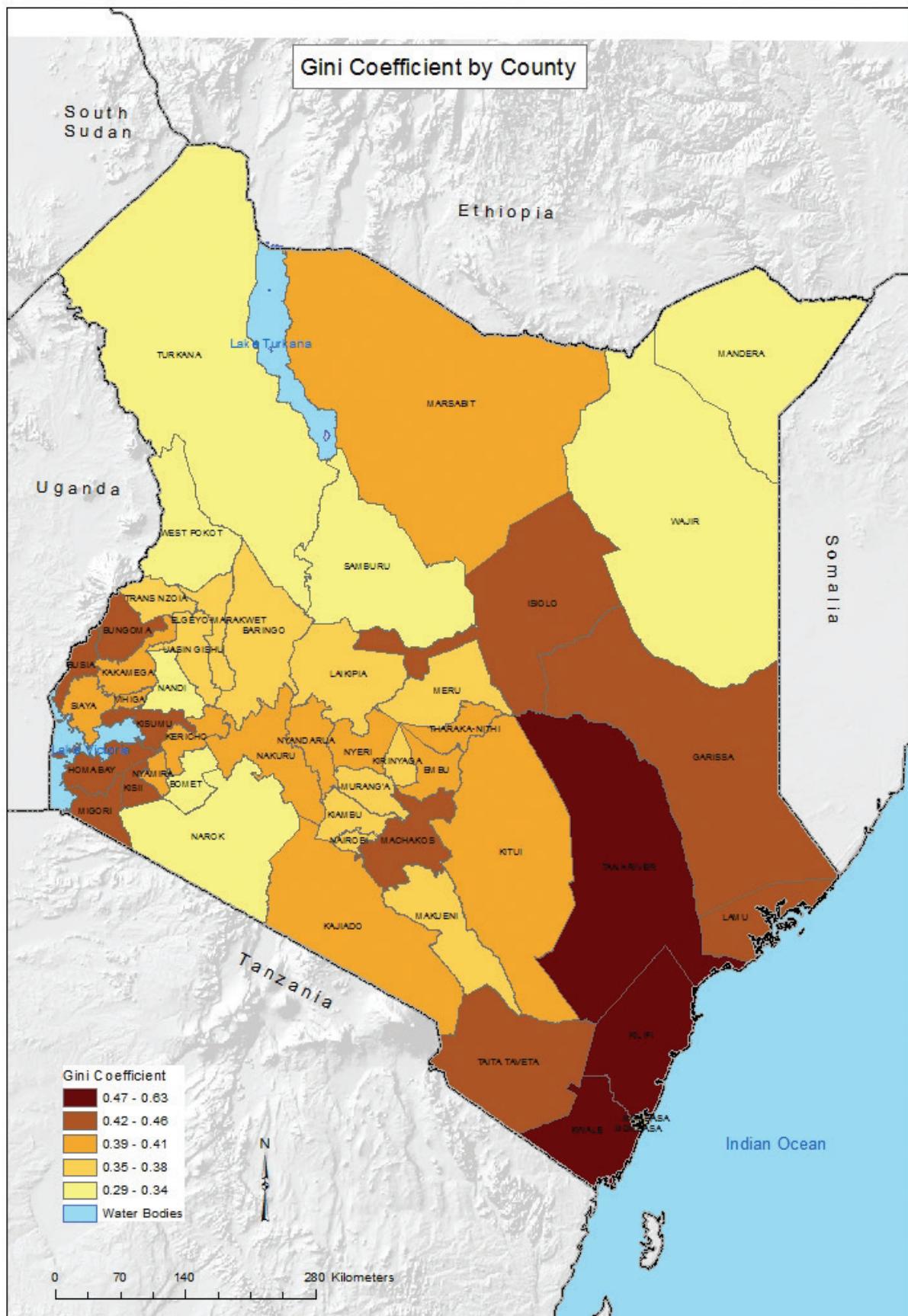
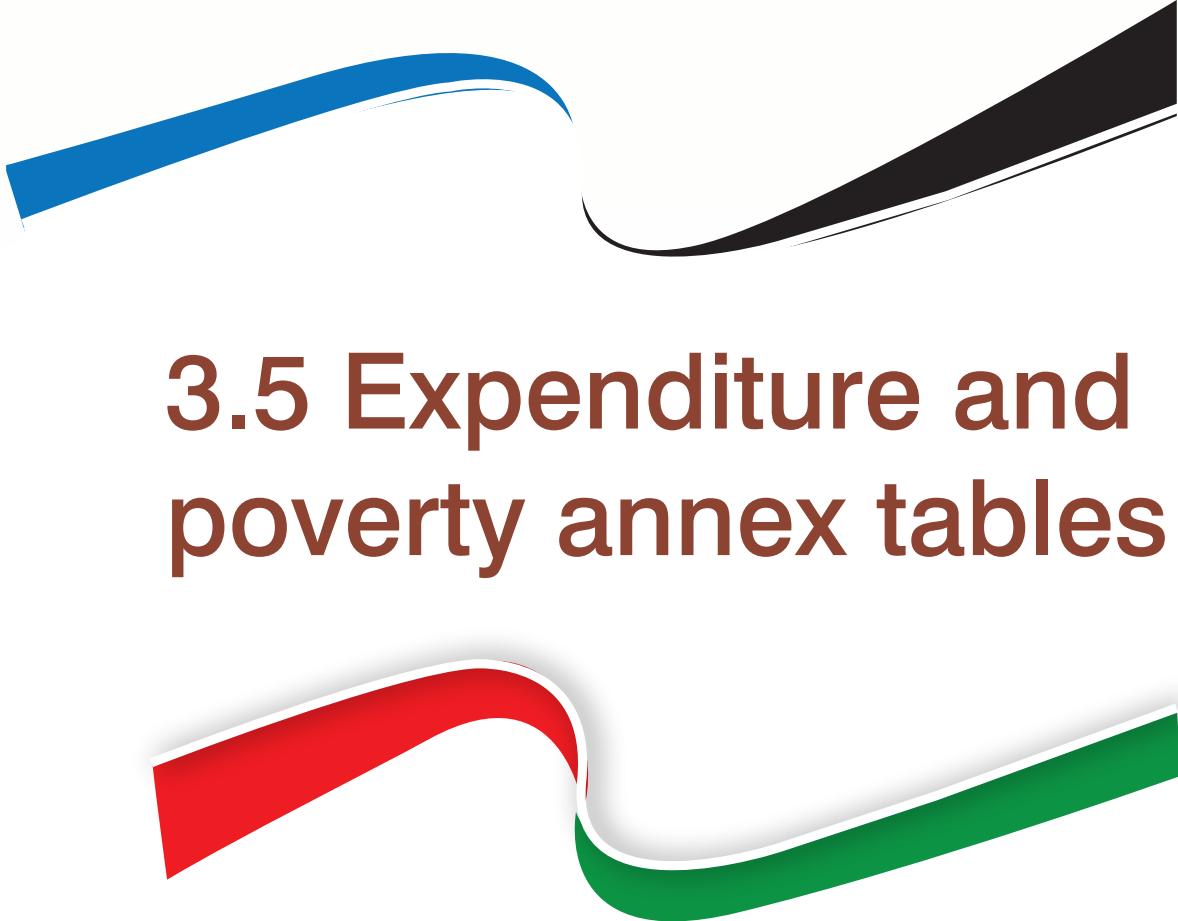
Figure 3.4: Gini coefficient by county

Table 3.5: Gini coefficient: national, counties and constituencies

NATIONAL						CONSTITUENCIES					
Name	Pop. Share	Mean	Consump. Share	Gini		Constituency	Pop. Share	Mean	Consump. Share	Gini	
Kenya	1	3,440		1	0.445	Teso South	0.004	4,300	0.0045	0.638	
Rural	0.688	2,270	0.454		0.361	Gakole	0.002	2,280	0.0011	0.622	
Urban	0.312	6,010	0.546		0.368	Bura	0.002	2,040	0.0013	0.616	
COUNTIES											
County	Pop. Share	Mean	Consump. Share	Gini		Constituency	Pop. Share	Mean	Consump. Share	Gini	
Top 10 counties											
Tana River	0.006	2,010	0.004	0.617		Teso South	0.004	4,300	0.0045	0.638	
Kwale	0.017	2,060	0.010	0.597		Gakole	0.002	2,280	0.0011	0.622	
Kilifi	0.029	2,870	0.024	0.565		Bura	0.002	2,040	0.0013	0.616	
Lamu	0.003	4,190	0.003	0.471		Garsen	0.003	1,810	0.0014	0.608	
Migori	0.024	3,450	0.024	0.464		Magarini	0.005	1,450	0.0019	0.608	
Busia	0.020	2,560	0.015	0.459		Kinango	0.006	1,210	0.0019	0.575	
Taita-Taveta	0.007	2,850	0.006	0.437		Kilifi North	0.005	3,250	0.0051	0.550	
Ganissa	0.011	2,640	0.009	0.436		Lunga Lunga	0.004	1,270	0.0015	0.544	
Isiolo	0.005	3,030	0.004	0.431		Malindi	0.004	4,510	0.0056	0.540	
Bungoma	0.036	3,020	0.032	0.430		Kaloleni	0.004	2,750	0.0033	0.539	
Median County											
Kericho	0.020	3,300	0.019	0.378		Samburu West	0.002	2,010	0.0013	0.344	
Bottom 10 counties											
Nandi	0.020	2,820	0.016	0.343		Emurua Dikirr	0.003	2,040	0.0015	0.263	
Nairobi	0.082	7,230	0.172	0.341		Laisamis	0.002	1,430	0.0007	0.252	

Bomet	0.019	2,390	0.013	0.338	Kacheiba	0.004	1,410	0.0014	0.246
Kiambu	0.043	5,050	0.063	0.335	Banissa	0.004	1,140	0.0014	0.241
Samburu	0.006	1,920	0.003	0.332	Tiay	0.004	1,610	0.0017	0.234
Mandera	0.025	1,400	0.010	0.332	North Horr	0.002	1,330	0.0008	0.214
Wajir	0.014	1,320	0.005	0.321	Turkana South	0.004	1,210	0.0013	0.211
West Pokot	0.013	1,900	0.007	0.318	Loima	0.003	1,110	0.0010	0.185
Narok	0.022	2,510	0.016	0.315	Turkana North	0.004	1,150	0.0013	0.173
Turkana	0.021	1,380	0.009	0.283	Turkana East	0.002	1,150	0.0008	0.169

The analysis from this chapter indicates that income inequality is somewhat higher among rural households than urban households. The reduction in national income inequality can be achieved through addressing the significant income differentials between urban and rural areas. At county level, the most unequal counties are not the poorest, but they do tend to be unequal in both rural and urban areas. This supports the notion of a set of transfers from national government that are redistributive and that target inequalities across and within counties.



3.5 Expenditure and poverty annex tables

Annex Table 2: Consumption expenditure quintiles by number of households and number of individuals at county level

Consumption expenditure quintiles by county and number of households										Consumption expenditure quintiles by county and number of individuals									
County	Quintiles					Number of Households	Quintiles					Number of Individuals							
	1st Ksh. Below 1,440	2nd Ksh. 1,441- 2,840	3rd Ksh. 2,841- 3,880	4th Ksh. 3,881- 7,200	5th Ksh. Above 7,200		1st Ksh. Below 1,440	2nd Ksh. 1,441- 2,840	3rd Ksh. 2,841- 3,880	4th Ksh. 3,881- 7,200	5th Ksh. Above 7,200								
Kenya	20.0	20.0	20.0	20.0	100	8,469.875	Kenya	31.5	23.5	18.9	14.4	11.7	100	37,565,589					
Rural	31.6	20.3	24.3	20.4	3.5	100	5,239,316	Rural	44.6	21.1	20.5	12.2	1.5	100	25,843,775				
Urban	1.3	19.5	13.1	19.4	46.8	100	3,230,559	Urban	2.6	28.7	15.3	19.3	34.1	100	11,721,814				
Nairobi	0.3	15.5	13.1	19.6	51.5	100	968,202	Nairobi	0.6	19.2	15.3	20.2	44.7	100	3,038,835				
Nyandarua	17.4	16.7	23.5	27.9	14.4	100	140,685	Nyandarua	29.1	20.9	23.0	19.0	8.0	100	582,436				
Nyeri	10.3	14.3	22.9	34.1	18.2	100	199,439	Nyeri	18.5	19.2	24.3	27.1	10.9	100	678,735				
Kirinyaga	11.2	14.4	22.8	36.5	15.1	100	152,601	Kirinyaga	19.1	17.8	25.2	28.5	9.3	100	520,585				
Muranga	14.4	15.3	24.3	34.6	11.4	100	252,171	Muranga	24.6	20.1	24.9	24.1	6.3	100	935,286				
Kiamulu	4.7	11.5	14.6	32.0	37.2	100	456,106	Kiamulu	9.6	17.9	17.2	31.4	23.8	100	1,601,101				
Mombasa	3.6	22.8	13.4	18.4	41.8	100	265,912	Mombasa	5.0	27.8	14.8	17.9	34.4	100	918,681				
Kwale	56.1	9.9	9.8	11.1	13.1	100	119,288	Kwale	63.9	11.3	9.7	8.6	6.5	100	641,118				
Kilifi	39.6	12.4	12.4	14.2	21.4	100	190,439	Kilifi	49.7	14.3	13.0	11.6	11.3	100	1,039,085				
Tana River	69.8	5.4	5.5	8.9	10.4	100	45,201	Tana River	71.8	5.9	6.2	8.6	7.6	100	238,372				
Lamu	24.4	11.5	15.3	23.9	24.9	100	21,026	Lamu	28.1	15.1	17.7	21.9	17.2	100	98,646				
Taita-Taveta	29.4	18.3	19.3	20.3	12.7	100	70,274	Taita-Taveta	40.2	20.6	17.4	14.5	7.2	100	274,662				
Marsabit	50.2	30.0	9.3	5.1	5.4	100	56,536	Marsabit	58.1	28.8	7.0	3.6	2.5	100	288,272				
Isiolo	30.1	29.9	14.2	10.1	15.7	100	31,167	Isiolo	30.6	38.7	12.5	8.6	9.5	100	190,418				
Meru	15.2	23.1	27.1	23.9	10.6	100	318,776	Meru	24.4	26.9	26.3	17.5	4.9	100	1,337,045				

Tharaka Nithi	19.9	20.6	23.1	21.8	14.7	100	88,404	Tharaka Nithi	30.2	24.0	21.2	16.5	8.2	100	359,717
Embu	17.1	17.7	25.2	25.8	14.2	100	129,629	Embu	26.7	21.6	24.5	19.8	7.5	100	508,047
Kitui	38.1	19.6	19.3	15.7	7.3	100	198,933	Kitui	50.2	20.5	16.3	10.0	3.0	100	979,563
Machakos	13.0	21.8	18.5	21.3	25.5	100	261,791	Machakos	20.0	28.9	19.2	18.1	13.8	100	1,084,129
Makueni	36.9	20.5	19.7	15.3	7.5	100	186,047	Makueni	50.0	21.8	16.8	8.9	2.5	100	873,416
Ganissa	31.6	22.0	19.7	12.8	13.9	100	62,773	Ganissa	42.7	24.4	17.2	9.1	6.6	100	421,868
Wajir	65.6	20.9	9.2	3.0	1.4	100	60,602	Wajir	74.9	17.5	5.7	1.5	0.4	100	522,830
Mandera	67.3	21.8	6.4	2.6	1.8	100	109,602	Mandera	72.1	20.5	4.9	1.7	0.8	100	927,605
Siaya	17.5	25.5	27.9	16.4	12.6	100	195,367	Siaya	27.9	27.8	23.6	11.3	9.4	100	833,230
Kisumu	11.0	26.9	18.7	15.3	28.1	100	221,792	Kisumu	17.7	30.9	16.6	12.7	22.1	100	951,587
Homa Bay	24.3	28.6	23.4	12.7	10.9	100	203,139	Homa Bay	35.3	29.2	19.0	8.8	7.7	100	954,315
Migori	22.0	25.9	21.8	12.6	17.7	100	166,410	Migori	32.4	27.6	18.1	9.5	12.3	100	905,745
Kisii	27.9	27.1	22.4	11.9	10.7	100	236,416	Kisii	36.7	27.9	19.3	8.8	7.3	100	1,139,552
Nyamira	29.9	26.2	24.0	12.6	7.4	100	127,704	Nyamira	38.6	26.8	20.7	8.9	5.0	100	591,491
Turkana	67.3	21.8	4.8	3.0	3.0	100	106,004	Turkana	77.6	17.6	2.6	1.3	0.9	100	801,346
West Pokot	39.3	26.6	20.2	10.1	3.8	100	78,428	West Pokot	55.0	24.8	14.1	4.9	1.3	100	485,464
Samburu	43.2	27.9	16.4	7.1	5.5	100	45,353	Samburu	56.1	26.6	11.3	3.8	2.3	100	220,978
Trans-Nzoia	17.7	22.5	26.5	20.9	12.3	100	166,549	Trans-Nzoia	28.4	27.5	25.5	13.0	5.6	100	808,257
Baringo	28.6	21.4	23.5	18.4	8.1	100	107,094	Baringo	41.9	23.7	20.8	10.6	3.1	100	548,107
Uasin-Gishu	9.4	19.3	24.3	23.0	24.1	100	197,981	Uasin-Gishu	17.0	27.2	26.9	17.6	11.3	100	867,712
Egeyo-Marakwet	29.4	22.3	24.3	17.9	6.0	100	75,717	Egeyo-Marakwet	41.0	25.3	20.7	10.1	3.0	100	366,115
Nandi	19.1	21.3	27.4	23.1	9.1	100	150,418	Nandi	29.3	25.5	26.5	14.6	4.0	100	740,556
Laikipia	20.7	21.7	24.1	22.3	11.3	100	96,996	Laikipia	34.3	26.8	21.7	12.6	4.6	100	385,382

Nakuru	8.5	18.2	21.8	25.3	26.2	100	401,448	Nakuru	16.1	26.5	24.6	19.3	13.5	100	1,562,625
Narok	20.5	25.4	29.8	17.9	6.5	100	163,721	Narok	31.4	29.6	26.6	10.0	2.3	100	838,624
Kajiado	13.0	20.2	19.1	21.9	25.8	100	170,063	Kajiado	22.0	26.6	20.7	17.9	12.8	100	675,955
Kericho	16.0	21.7	25.1	21.5	15.7	100	154,087	Kericho	24.2	27.1	25.0	15.4	8.3	100	737,942
Bomet	27.9	24.3	24.6	17.3	5.8	100	141,164	Bomet	39.4	27.0	21.6	9.4	2.6	100	721,873
Kakamega	27.8	21.7	24.0	19.4	7.0	100	349,619	Kakamega	38.2	23.6	21.0	13.0	4.3	100	1,644,328
Vihiga	17.6	19.8	23.5	23.9	15.2	100	120,398	Vihiga	24.5	23.8	22.7	18.4	10.6	100	548,676
Bungoma	28.1	21.7	23.3	18.8	8.1	100	260,546	Bungoma	36.7	22.4	20.3	14.2	6.5	100	1,359,983
Busia	39.4	21.7	20.6	13.6	4.7	100	147,857	Busia	50.3	21.0	15.8	9.0	3.9	100	735,294

Annex Table 3: Consumption expenditure shares by quintiles at county level

Consumption Expenditure Shares by Quintiles								
County		Quintiles						Number of Households
		1st Ksh. Below 1,440	2nd Ksh. 1,441- 2,840	3rd Ksh. 2,841- 3,880	4th Ksh. 3,881- 7,200	5th Ksh. Above 7,200	Total	
	Kenya	9.8	13.6	17.8	23.1	35.7	100	8,469,875
	Rural	21.1	17.0	29.5	26.2	6.2	100	5,239,316
	Urban	0.5	10.8	8.0	20.5	60.3	100	3,230,559
101	Nairobi	0.1	6.2	6.6	17.9	69.1	100	968,202
201	Nyandarua	10.1	12.4	23.1	29.8	24.6	100	140,685
202	Nyeri	5.6	9.6	20.8	36.2	27.9	100	199,439
203	Kirinyaga	5.9	9.0	22.2	38.7	24.1	100	152,601
204	Muranga	8.6	11.5	24.6	36.8	18.6	100	252,171
205	Kiambu	2.2	7.6	11.1	35.2	44.0	100	456,106
301	Mombasa	0.8	10.8	8.0	20.1	60.3	100	265,912
302	Kwale	18.1	10.9	15.3	22.3	33.4	100	119,288
303	Kilifi	11.1	9.9	14.7	22.2	42.1	100	190,439
304	Tana River	21.2	5.8	10.1	23.5	39.4	100	45,201
305	Lamu	5.0	7.9	14.0	27.6	45.6	100	21,026
306	Taita-Taveta	14.5	13.8	19.9	27.1	24.8	100	70,274
401	Marsabit	32.9	30.0	11.8	11.4	13.8	100	56,536
402	Isiolo	11.0	26.3	13.0	17.3	32.4	100	31,167
403	Meru	9.6	17.3	28.1	28.6	16.4	100	318,776
404	Tharaka Nithi	10.8	15.1	21.3	27.3	25.4	100	88,404
405	Embu	9.4	12.8	24.1	30.8	22.9	100	129,629
406	Kitui	24.0	17.2	23.3	22.8	12.6	100	198,933
407	Machakos	6.0	15.6	15.9	26.7	35.7	100	261,791
408	Makueni	24.9	18.5	24.7	20.5	11.4	100	186,047
501	Garissa	16.4	18.5	21.0	19.0	25.1	100	62,773
502	Wajir	52.4	24.9	13.9	5.7	3.1	100	60,602
503	Mandera	48.3	28.7	11.0	6.9	5.1	100	109,602
601	Siaya	10.7	16.2	24.1	18.2	30.9	100	195,367
602	Kisumu	4.9	14.3	12.1	16.9	51.9	100	221,792

603	Homa Bay	14.6	18.9	21.3	15.9	29.2	100	203,139
604	Migori	10.8	15.8	16.7	15.6	41.1	100	166,410
605	Kisii	15.0	18.7	21.7	16.2	28.4	100	236,416
606	Nyamira	17.1	19.1	25.3	17.1	21.3	100	127,704
701	Turkana	57.0	25.5	5.9	5.7	5.9	100	106,004
702	West Pokot	33.0	24.0	23.8	13.0	6.2	100	78,428
703	Samburu	33.3	26.2	18.5	10.9	11.1	100	45,353
704	Trans-Nzoia	11.9	18.1	28.3	23.0	18.7	100	166,549
705	Baringo	20.3	18.1	27.6	21.9	12.0	100	107,094
706	Uasin-Gishu	5.6	15.1	23.4	26.0	29.9	100	197,981
707	Elgeyo-Marakwet	19.4	20.0	27.5	21.3	11.7	100	75,717
708	Nandi	12.6	17.1	30.6	26.1	13.5	100	150,418
709	Laikipia	14.7	19.2	25.8	24.0	16.2	100	96,996
710	Nakuru	5.0	14.1	20.0	27.5	33.5	100	401,448
711	Narok	15.5	21.9	34.3	19.6	8.7	100	163,721
712	Kajiado	7.0	14.3	17.6	26.9	34.2	100	170,063
713	Kericho	8.8	16.6	24.5	25.5	24.7	100	154,087
714	Bomet	19.7	21.4	29.0	20.0	10.0	100	141,164
801	Kakamega	16.0	16.5	25.2	24.6	17.8	100	349,619
802	Vihiga	7.9	13.5	20.5	28.1	30.0	100	120,398
803	Bungoma	13.7	14.1	21.8	24.4	26.0	100	260,546
804	Busia	21.5	15.3	20.0	17.9	25.4	100	147,857

Annex Table 4: Poverty index by county and constituency

County/constituency	Headcount index: percent of individuals below poverty line	Standard error of headcount index	Poverty gap as percent of poverty line	Standard error of poverty gap	Severity of poverty as percent of poverty line	Standard error of severity of poverty	Total population
Kenya	45.2	0.081	12.2	0.040	4.9	0.025	37,565,589
Rural	50.5	0.098	14.1	0.052	5.8	0.033	25,843,775
Urban	33.5	0.137	8.1	0.056	3.0	0.034	11,721,814
Nairobi	21.8	0.203	4.1	0.059	1.2	0.026	3,068,835
Westlands	25.5	0.774	5.0	0.186	1.4	0.064	172,913
Dagoreti North	24.5	0.784	4.7	0.166	1.3	0.052	177,588
Dagoreti South	21.2	0.511	3.5	0.107	0.9	0.033	179,066
Langata	17.0	0.882	3.6	0.246	1.1	0.095	176,323
Kibra	32.2	0.894	7.2	0.255	2.3	0.099	201,293
Roysambu	25.2	0.717	4.2	0.162	1.1	0.059	178,409
Kasarani	21.8	0.594	3.6	0.136	1.0	0.048	169,019
Ruaraka	33.1	0.961	6.9	0.276	2.1	0.106	193,089
Embakasi South	25.3	0.626	4.0	0.118	1.0	0.034	200,641
Embakasi North	23.3	0.603	3.7	0.153	1.0	0.053	180,773
Embakasi Central	10.9	0.497	1.6	0.096	0.4	0.029	190,289
Embakasi East	15.9	0.799	2.7	0.153	0.7	0.045	159,751
Embakasi West	10.3	0.505	1.6	0.109	0.4	0.035	157,232
Makadara	11.3	0.555	1.8	0.114	0.5	0.036	182,295
Kamukunji	15.1	0.654	2.6	0.159	0.7	0.056	199,039
Shariehe	16.4	0.859	2.8	0.182	0.8	0.057	159,214
Mathare	36.5	1.191	8.9	0.560	3.2	0.315	191,901
Nyandarua	38.8	0.409	9.4	0.147	3.3	0.072	582,436
Kinangop	39.0	0.719	9.7	0.243	3.4	0.110	189,714
Kipini	46.1	0.956	11.6	0.453	4.1	0.254	94,665
Ol Kalou	40.5	1.006	10.0	0.380	3.5	0.191	112,214
Ol Jorok	34.6	0.847	8.1	0.249	2.7	0.101	94,415
Ndaragua	33.2	1.028	7.4	0.286	2.4	0.111	91,428
Nyeri	27.6	0.311	6.2	0.095	2.0	0.043	678,735
Tetu	26.5	0.637	5.7	0.214	1.8	0.102	77,992

Kieni	27.2	0.668	6.0	0.205	2.0	0.089	172,965
Mathira	25.3	0.581	5.7	0.215	1.9	0.115	147,094
Othaya	28.1	0.605	6.0	0.176	1.9	0.072	85,621
Mukunwe-Ini	34.4	0.687	7.4	0.183	2.3	0.071	83,501
Nyeri Town	26.6	1.073	6.5	0.301	2.3	0.124	111,562
Kirinyaga	25.9	0.566	5.7	0.233	1.8	0.115	520,585
Mwea	29.1	1.352	6.6	0.600	2.2	0.302	187,230
Gichugu	23.1	0.477	4.8	0.131	1.5	0.056	123,696
Ndia	25.7	0.708	5.6	0.195	1.8	0.080	98,727
Kirinyaga Central	23.9	0.742	5.2	0.198	1.7	0.074	110,932
Muranga	33.2	0.299	7.7	0.099	2.5	0.044	935,286
Kangema	26.0	0.658	5.3	0.179	1.6	0.068	76,333
Mathioya	27.1	0.709	5.7	0.232	1.7	0.099	87,877
Kiharu	33.0	0.579	7.4	0.179	2.4	0.076	178,234
Kigumo	33.9	0.658	7.6	0.181	2.4	0.071	123,311
Maragwa	39.4	0.919	9.6	0.274	3.2	0.108	150,619
Kandara	34.2	0.579	7.9	0.201	2.6	0.092	156,048
Gatangi	33.1	0.942	8.1	0.351	2.8	0.169	162,864
Kiambu	24.2	0.288	5.9	0.128	2.1	0.076	1,601,101
Gatundu South	26.4	0.609	6.1	0.177	2.0	0.074	113,830
Gatundu North	31.4	1.286	8.2	0.814	3.2	0.570	99,936
Juja	20.5	0.856	4.4	0.243	1.4	0.094	117,138
Thika Town	25.4	1.055	6.1	0.377	2.2	0.178	159,775
Ruiru	20.3	0.584	4.7	0.162	1.5	0.065	198,242
Githunguri	18.3	0.433	4.1	0.133	1.3	0.058	145,987
Kiambu	22.1	0.886	4.9	0.281	1.7	0.123	107,153
Kiamdaa	19.6	0.691	4.3	0.208	1.5	0.091	144,386
Kabeto	20.9	0.643	4.9	0.205	1.7	0.086	139,303
Kikuyu	26.9	0.979	6.8	0.340	2.5	0.156	123,562
Limuru	34.0	1.764	10.0	1.036	4.3	0.675	129,408
Lari	29.9	0.963	7.4	0.358	2.6	0.172	122,381
Mombasa	34.8	0.363	10.0	0.226	4.4	0.171	918,681
Changamwe	35.2	0.719	8.8	0.280	3.3	0.164	131,199

Jomvu	33.0	0.960	10.4	0.663	5.2	0.523
Kisauni	39.3	1.073	13.4	0.796	7.0	0.632
Nyali	34.5	0.631	8.9	0.279	3.5	0.175
Likoni	34.1	0.835	9.8	0.457	4.3	0.335
Mvita	31.4	0.816	7.5	0.367	2.8	0.232
Kwale	70.7	0.754	41.8	0.632	28.8	0.505
Msabweni	53.3	1.581	27.5	1.231	18.1	0.927
Lunga Lunga	80.7	1.199	48.7	1.153	33.8	0.964
Matuga	57.1	1.611	29.9	1.226	19.8	0.933
Kinango	84.2	1.236	54.4	1.085	38.4	0.907
Kilifi	58.4	0.622	31.4	0.513	20.8	0.396
Kilifi North	54.3	1.334	28.9	1.004	18.8	0.759
Kilifi South	39.2	1.044	12.8	0.575	6.5	0.405
Kaloleni	55.1	1.808	27.7	1.523	18.0	1.165
Rabai	39.1	1.800	14.9	1.133	8.6	0.815
Ganze	82.5	1.230	49.4	1.245	33.6	1.018
Malindi	50.0	1.587	27.9	1.265	18.9	0.986
Magarini	84.5	1.183	54.4	1.000	37.9	0.837
Tana River	75.6	1.245	46.1	0.993	30.8	0.798
Garsen	76.3	2.175	46.8	1.678	31.0	1.318
Galole	74.5	2.059	44.7	1.801	30.0	1.489
Bura	75.6	2.264	46.3	1.770	31.1	1.401
Lamu	32.3	2.005	15.6	1.454	9.6	1.072
Lamu East	24.6	2.860	8.2	1.792	4.2	1.239
Lamu West	34.0	2.340	17.3	1.692	10.9	1.252
Taita-Taveta	50.4	0.762	15.6	0.455	7.2	0.347
Taveta	58.2	1.628	19.8	1.042	9.6	0.819
Wundanyi	52.4	1.248	13.4	0.454	4.7	0.222
Mwatate	50.1	1.220	13.5	0.461	5.3	0.261
Voi	43.0	1.658	15.5	1.118	8.5	0.870
Marsabit	75.8	0.934	22.9	0.593	8.8	0.308
Moyale	78.1	1.499	24.6	0.941	9.7	0.499
North Horr	77.9	2.357	23.2	1.555	8.8	0.777

Saku	58.7	1,990	14.6	0.717	4.8	0.287	45,854
Laisamis	81.6	1,322	25.8	0.971	10.1	0.543	64,938
Isiolo	65.3	1,421	19.0	0.636	7.1	0.309	190,418
Isiolo North	61.0	1,726	16.9	0.722	6.1	0.344	147,724
Isiolo South	80.0	2,191	26.0	1.315	10.4	0.675	42,694
Meru	31.0	0.377	6.0	0.098	1.6	0.033	1,337,045
Igembe South	37.6	1,248	7.9	0.355	2.3	0.126	132,204
Igembe Central	33.2	0.768	5.8	0.186	1.5	0.058	191,752
Igembe North	49.8	0.911	10.5	0.270	3.0	0.096	153,984
Tigania West	26.0	0.855	4.0	0.211	0.9	0.065	134,059
Tigania East	39.3	1,290	7.7	0.403	2.1	0.145	156,439
North Imenti	19.5	0.616	3.8	0.146	1.1	0.056	144,250
Buuri	27.5	0.858	5.3	0.213	1.4	0.072	133,356
Central Imenti	23.5	0.891	4.3	0.193	1.1	0.062	115,222
South Imenti	21.0	0.528	4.2	0.131	1.2	0.056	175,749
Tharaka Nithi	41.0	0.775	9.5	0.247	3.0	0.099	359,717
Maara	23.3	0.806	4.3	0.186	1.2	0.067	104,662
Chukai/gambangombe	31.1	0.950	6.2	0.224	1.7	0.076	126,473
Tharaka	65.1	1,008	16.9	0.422	5.7	0.194	128,582
Embu	35.3	0.633	7.7	0.197	2.3	0.076	508,047
Manyatta	22.7	0.784	4.5	0.214	1.3	0.081	150,380
Runyonges	25.6	0.747	4.7	0.212	1.2	0.084	141,327
Mbeere South	47.3	1,338	10.8	0.430	3.3	0.169	128,486
Mbeere North	55.0	1,504	13.7	0.562	4.4	0.235	87,854
Kitui	60.4	0.456	16.8	0.203	6.1	0.098	979,563
Mwingi North	81.3	0.769	28.1	0.525	11.8	0.310	138,852
Mwingi West	41.0	1,145	8.7	0.363	2.6	0.136	109,556
Mwingi Central	73.3	1,031	22.3	0.570	8.5	0.301	115,960
Kitui West	26.5	0.724	4.8	0.184	1.2	0.060	100,196
Kitui Rural	50.4	0.973	10.9	0.316	3.2	0.126	103,183
Kitui Central	46.8	0.991	10.2	0.309	3.1	0.120	125,077
Kitui East	73.4	1,002	21.7	0.510	8.1	0.258	122,304
Kitui South	74.2	0.712	21.1	0.351	7.5	0.173	164,435

Machakos	42.6	0.390	9.7	0.121	3.0	0.047	1,084,129
Masinga	61.3	0.981	15.8	0.358	5.3	0.152	125,222
Yatta	54.0	0.952	13.2	0.301	4.3	0.120	145,039
Kangundo	48.4	1.007	10.4	0.311	3.1	0.121	93,770
Matungulu	49.8	1.301	11.9	0.424	3.9	0.169	123,588
Kathiani	30.7	0.741	5.6	0.172	1.4	0.054	103,868
Mavoko	22.8	1.204	5.1	0.373	1.6	0.152	136,112
Machakos Town	34.5	0.757	7.1	0.189	2.1	0.067	194,848
Mwala	43.3	0.735	9.2	0.224	2.7	0.084	161,682
Makueni	60.6	0.457	16.8	0.202	6.0	0.095	873,416
Mbooni	52.8	0.878	12.5	0.321	3.9	0.132	183,383
Kilome	42.9	1.044	9.1	0.287	2.6	0.101	86,432
Kaiti	48.0	1.043	10.7	0.332	3.2	0.125	119,478
Makueni	70.7	0.846	21.9	0.426	8.6	0.219	190,129
Kibwezi West	64.3	0.932	18.3	0.394	6.6	0.177	163,580
Kibwezi East	75.4	0.852	23.9	0.438	9.4	0.229	130,414
Garissa	58.9	0.969	18.7	0.621	8.0	0.395	421,888
Garissa Township	42.5	1.187	10.5	0.496	3.8	0.264	104,383
Balambala	70.8	2.407	24.7	1.413	11.0	0.865	60,996
Lagdera	68.2	2.262	23.4	1.795	10.5	1.239	82,629
Dadaab	60.5	2.508	18.7	1.310	7.9	0.803	52,837
Fafi	59.6	3.013	18.0	1.758	7.4	1.128	30,430
Ijara	60.2	2.371	20.0	1.588	8.8	0.991	90,593
Wajir	84.2	0.797	31.9	0.676	15.3	0.467	522,830
Wajir North	86.9	1.350	35.7	1.345	18.2	0.998	126,447
Wajir East	78.2	1.751	25.6	1.316	11.1	0.904	40,338
Tarbai	84.9	2.777	34.5	2.119	17.2	1.403	101,395
Wajir West	85.4	1.272	30.8	1.078	14.1	0.721	85,427
Eldas	88.4	2.208	33.4	1.996	15.8	1.358	73,905
Wajir South	78.4	1.358	26.7	1.086	12.1	0.734	95,318
Mandera	85.8	0.581	32.4	0.456	15.2	0.296	927,605
Mandera West	85.9	2.003	33.0	1.488	15.7	0.941	154,711
Banissa	86.5	1.781	32.5	1.226	15.2	0.747	154,609

Mandera North	87.5	0.906	32.9	0.927	15.5	0.652	158,635
Mandera South	91.6	0.661	36.0	0.756	17.2	0.534	226,536
Mandera East	68.3	1.524	22.1	1.024	9.7	0.642	98,555
Lafey	85.9	1.481	32.1	1.161	15.0	0.757	134,559
Siaya	38.2	0.389	7.6	0.122	2.2	0.050	833,230
Ugema	40.8	0.728	7.6	0.187	2.0	0.068	107,980
Ugunja	39.0	0.948	7.5	0.270	2.1	0.104	92,306
Alego Usonga	39.8	0.806	8.0	0.261	2.4	0.112	185,211
Gem	44.0	0.734	8.7	0.217	2.4	0.083	159,204
Bondo	33.8	1.220	7.7	0.439	2.5	0.190	155,268
Rarieida	31.4	0.791	5.5	0.227	1.4	0.085	133,261
Kisumu	39.9	0.535	9.0	0.166	2.9	0.065	951,587
Kisumu East	39.5	1.753	10.6	0.541	3.7	0.205	149,363
Kisumu West	45.9	1.550	10.1	0.461	3.1	0.177	125,811
Kisumu Central	18.6	0.617	4.2	0.210	1.5	0.091	163,499
Seme	43.6	0.879	8.4	0.265	2.3	0.103	98,239
Nyando	47.3	1.399	10.6	0.448	3.3	0.173	139,376
Muhoroni	43.4	1.149	9.8	0.426	3.1	0.188	143,565
Nyakach	46.4	1.138	10.0	0.389	3.0	0.158	131,734
Homa Bay	48.4	0.432	10.5	0.140	3.2	0.058	954,315
Kasipul	49.4	1.481	11.9	0.523	3.9	0.219	111,663
Kabondo Kasipul	51.5	0.953	11.0	0.342	3.3	0.153	107,002
Karachuonyo	45.6	0.854	9.5	0.306	2.8	0.131	160,829
Rangwe	47.4	1.141	9.5	0.428	2.7	0.216	97,607
Homa Bay Town	47.9	2.086	11.8	0.598	3.9	0.221	93,356
Ndhiwa	51.0	0.745	10.3	0.250	3.0	0.103	171,599
Suba North	41.7	1.219	8.4	0.313	2.4	0.112	110,190
Suba South	52.8	1.465	12.0	0.475	3.8	0.196	102,069
Migori	49.6	0.552	12.1	0.247	4.1	0.127	905,745
Rongo	38.9	1.493	7.6	0.405	2.2	0.160	98,490
Awendo	39.3	1.672	8.1	0.601	2.5	0.265	107,730
Suna East	54.4	1.723	15.0	0.874	5.7	0.478	95,732
Suna West	53.2	1.884	14.9	0.989	5.7	0.557	92,759

Uribi	53.4	1.585	13.3	0.868	4.7	0.487
Nyatike	43.5	1.243	10.2	0.531	3.4	0.259
Kuria West	55.6	1.291	13.6	0.484	4.6	0.219
Kuria East	59.6	1.448	14.0	0.625	4.5	0.308
Kisii	51.4	0.417	11.7	0.160	3.7	0.073
Boncharai	48.2	1.202	9.6	0.373	2.7	0.147
South Mugirango	52.5	0.876	11.2	0.293	3.3	0.121
Bomachoge Borabu	56.6	1.522	14.3	0.703	4.9	0.355
Bobasi	53.9	0.945	12.4	0.367	3.9	0.167
Bomachoge Chache	51.1	1.809	12.1	0.848	4.0	0.410
Nyaribari Masaba	51.8	1.239	11.7	0.435	3.7	0.189
Nyaribari Chache	48.1	1.200	11.2	0.428	3.6	0.188
Kitutu Chache North	63.3	1.070	15.3	0.458	5.0	0.215
Kitutu Chache South	38.8	1.141	8.1	0.293	2.4	0.108
Nyamira	50.7	0.496	11.3	0.176	3.5	0.075
Kitutu Masaba	50.1	0.796	11.1	0.281	3.4	0.119
West Mugirango	52.1	0.959	11.4	0.293	3.4	0.112
North Mugirango	50.7	1.150	11.2	0.501	3.5	0.235
Borabu	50.1	1.198	11.5	0.381	3.6	0.151
Turkana	87.5	0.404	29.0	0.421	11.4	0.255
Turkana North	91.7	0.685	30.2	0.902	11.6	0.534
Turkana West	85.8	1.053	28.2	1.207	11.6	0.706
Turkana Central	77.5	1.042	23.2	0.766	8.7	0.451
Loima	91.4	0.758	32.5	0.983	13.4	0.648
Turkana South	87.7	1.103	30.2	0.838	11.8	0.503
Turkana East	93.1	0.814	30.7	1.136	11.7	0.763
West Pokot	66.3	0.741	16.2	0.409	5.3	0.204
Kapenguria	57.9	1.296	12.8	0.454	3.8	0.189
Sigor	67.8	1.430	15.8	0.851	4.9	0.422
Kacheliba	77.5	1.452	22.7	1.031	8.5	0.546
Pokot South	62.8	1.045	13.4	0.422	3.8	0.182
Samburu	71.4	0.868	17.4	0.431	5.5	0.195
Samburu West	71.0	1.111	17.6	0.519	5.6	0.237

Samburu North	71.4	1.716	16.6	0.827	5.0	0.359	80,945
Samburu East	71.8	1.806	18.3	0.925	5.9	0.432	58,122
Trans-Nzoia	41.2	0.388	7.7	0.111	2.0	0.039	808,257
Kwanza	46.4	1.025	9.1	0.327	2.5	0.119	164,986
Endebess	46.5	1.311	8.8	0.394	2.3	0.148	90,875
Saboti	32.7	0.740	5.4	0.171	1.3	0.052	170,570
Kiminini	39.9	0.618	7.4	0.154	1.9	0.051	187,823
Cherangany	42.9	0.651	8.2	0.187	2.2	0.065	194,003
Baringo	52.2	0.769	11.4	0.253	3.3	0.097	548,107
Tiaty	72.9	1.432	16.0	0.562	4.4	0.204	131,984
Baringo North	59.5	1.290	14.4	0.516	4.5	0.235	93,213
Baringo Central	47.0	1.213	10.4	0.521	3.2	0.242	78,503
Baringo South	51.7	1.618	11.5	0.627	3.5	0.302	80,214
Mogotto	43.7	1.347	8.5	0.378	2.3	0.141	60,096
Eldama Ravine	29.0	0.804	5.0	0.195	1.3	0.065	104,097
Usini-Gishu	33.8	0.354	6.0	0.095	1.5	0.033	867,712
Soy	43.1	0.785	8.2	0.245	2.2	0.095	161,767
Turbo	30.4	0.565	5.0	0.133	1.2	0.043	203,201
Moiben	33.6	0.837	5.9	0.231	1.5	0.085	150,556
Ainabkoi	36.6	1.097	6.8	0.316	1.8	0.115	100,160
Kapsenet	23.3	0.611	3.5	0.120	0.8	0.036	131,046
Kesses	36.8	0.942	6.7	0.249	1.7	0.084	120,982
Elgeyo Marakwet	52.7	0.719	12.2	0.260	3.8	0.108	366,115
Marakwet East	63.9	1.377	16.3	0.599	5.4	0.271	78,431
Marakwet West	59.2	1.027	13.8	0.423	4.3	0.178	107,694
Keiyo North	33.7	1.392	6.3	0.428	1.7	0.185	72,477
Keiyo South	50.9	1.252	11.7	0.439	3.7	0.172	107,513
Nandi	40.0	0.418	7.5	0.116	2.0	0.040	740,566
Tinderet	58.5	1.228	13.0	0.409	3.8	0.159	98,951
Aldai	43.3	0.822	8.0	0.205	2.0	0.063	148,407
Nandi Hills	36.0	1.172	6.8	0.293	1.8	0.095	106,377
Chesumei	32.1	0.856	5.6	0.233	1.4	0.081	127,047
Emgwen	30.9	0.666	4.8	0.149	1.1	0.047	127,490

Mosop	41.8	0.721	7.7	0.189	2.0	0.065	132,284
Laikipia	47.9	0.823	10.5	0.279	3.1	0.113	385,382
Laikipia West	47.2	1.042	10.1	0.365	3.0	0.153	198,338
Laikipia East	37.7	1.359	7.3	0.398	2.1	0.149	108,267
Laikipia North	63.8	1.884	15.7	0.712	5.0	0.298	78,777
Nakuru	33.5	0.312	6.1	0.093	1.6	0.039	1,562,625
Molo	26.0	0.816	4.4	0.200	1.2	0.081	121,525
Njoro	38.0	0.760	7.0	0.209	1.8	0.074	182,494
Naivasha	32.1	0.809	5.5	0.183	1.4	0.057	220,795
Gilgil	33.3	1.395	6.3	0.526	1.8	0.246	138,308
Kuresoi South	47.2	1.131	9.8	0.523	2.8	0.281	114,356
Kuresoi North	42.8	1.041	8.1	0.311	2.2	0.113	123,374
Subukia	42.6	1.068	8.4	0.305	2.3	0.107	94,188
Rongai	37.3	1.097	7.2	0.301	2.0	0.103	128,786
Bahati	32.9	0.991	6.4	0.259	1.8	0.091	141,256
Nakuru Town West	20.6	0.603	3.1	0.136	0.7	0.043	147,466
Nakuru Town East	22.6	0.640	3.1	0.133	0.7	0.039	150,077
Narok	41.0	0.618	7.1	0.188	1.7	0.067	838,624
Kilgoris	42.7	1.051	7.6	0.314	1.9	0.111	177,157
Emurua Dikirr	49.7	1.372	8.9	0.504	2.2	0.195	93,730
Narok North	29.2	0.859	4.6	0.177	1.0	0.051	171,556
Narok East	38.4	1.466	6.6	0.344	1.6	0.104	82,333
Narok South	44.2	1.883	7.7	0.635	1.9	0.228	180,764
Narok West	45.3	1.052	7.7	0.335	1.8	0.130	133,084
Kajado	38.0	0.606	7.8	0.197	2.3	0.080	675,955
Kajado North	18.3	0.472	2.6	0.095	0.6	0.027	191,354
Kajado Central	52.0	1.369	12.2	0.596	4.1	0.293	102,631
Kajado East	28.8	0.810	4.8	0.199	1.3	0.084	132,910
Kajado West	54.5	1.887	13.1	0.681	4.2	0.281	114,339
Kajado South	50.5	1.469	10.2	0.395	2.8	0.133	134,721
Kericho	39.3	0.472	7.6	0.163	2.1	0.069	737,942
Kipkelion East	44.3	1.689	11.1	0.758	4.0	0.349	106,708
Kipkelion West	46.2	1.117	8.6	0.308	2.2	0.105	98,028

Ainamoi	26.1	0.718	3.9	0.143	0.9	0.043	137,740
Bureti	43.0	0.794	8.2	0.249	2.2	0.096	164,830
Belqut	34.0	1.059	6.4	0.311	1.7	0.121	126,816
Sigowet/Soin	45.6	1.127	8.5	0.362	2.2	0.147	103,820
Bomet	51.3	0.404	10.4	0.123	2.9	0.047	721,873
Sotik	51.0	0.727	10.2	0.198	2.7	0.069	165,420
Chepalungu	60.6	0.624	12.5	0.247	3.5	0.105	161,714
Bomet East	53.0	0.753	10.5	0.216	2.8	0.073	125,826
Bomet Central	47.0	0.937	9.2	0.287	2.5	0.104	125,120
Konoin	43.5	1.177	9.3	0.376	2.7	0.152	143,793
Kakamega	49.2	0.306	12.0	0.105	4.0	0.044	1,644,328
Lugari	52.5	0.893	13.3	0.337	4.6	0.148	166,233
Likuyani	52.5	0.953	13.8	0.358	4.9	0.156	124,362
Malava	49.4	0.901	11.9	0.310	3.9	0.129	203,902
Lurambi	29.6	0.764	5.9	0.192	1.7	0.068	153,769
Navakholo	51.1	0.991	12.1	0.353	3.9	0.145	136,838
Mumias West	36.6	1.059	7.8	0.289	2.4	0.107	110,838
Mumias East	49.3	0.959	11.2	0.328	3.6	0.138	100,298
Matungu	52.4	0.854	12.3	0.288	3.9	0.120	145,875
Butere	51.7	0.906	12.6	0.327	4.1	0.140	139,066
Khwiserio	59.8	0.938	15.8	0.376	5.5	0.173	102,061
Shinyalu	54.6	0.923	14.0	0.331	4.9	0.143	157,497
Ikolomani	53.5	1.208	13.8	0.408	4.7	0.168	103,589
Vihiga	38.9	0.578	8.8	0.177	2.8	0.070	548,676
Vihiga	30.9	1.034	6.1	0.269	1.8	0.094	90,538
Sabatia	22.4	0.722	4.1	0.165	1.1	0.055	127,430
Hamisi	50.8	1.155	13.0	0.385	4.5	0.161	146,314
Luanda	37.9	1.067	7.9	0.304	2.4	0.112	95,438
Emuhaya	52.0	1.148	12.5	0.399	4.1	0.173	88,956
Bungoma	47.3	0.456	11.7	0.149	3.9	0.061	1,359,983
Mt Elgon	57.9	1.119	15.3	0.451	5.3	0.212	171,087
Sirisia	53.6	1.091	13.4	0.435	4.5	0.194	101,983
Kabuchai	50.3	0.959	12.1	0.351	4.0	0.149	140,090

Bumula	50.5	0.898	11.9	0.292	3.8	0.115	178,307
Kandyij	47.3	1.263	12.2	0.402	4.3	0.164	223,906
Webuye East	43.2	1.744	10.5	0.516	3.5	0.204	100,869
Webuye West	49.1	1.641	12.6	0.524	4.4	0.215	126,710
Kimili	23.7	1.043	4.3	0.225	1.2	0.072	130,879
Tongaren	46.5	1.172	11.5	0.376	3.9	0.152	186,152
Busia	60.4	0.581	16.8	0.213	6.1	0.094	735,294
Teso North	57.2	1.222	14.6	0.430	5.0	0.188	115,963
Teso South	59.0	2.048	16.9	0.665	6.2	0.273	135,790
Nambale	59.3	1.427	16.1	0.566	5.8	0.262	93,959
Matayos	56.6	1.134	15.0	0.449	5.3	0.202	108,867
Butula	65.0	1.266	18.8	0.548	7.1	0.257	120,921
Funyula	62.4	1.494	17.9	0.522	6.6	0.228	93,272
Budalang'i	65.0	1.164	18.6	0.515	6.9	0.248	66,532

Annex Table 5: Gini coefficient by county and constituency

County/constituency/wards	Population share	Mean	Consumption 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
Nairobi County	0.082	7,230	0.172	0.341
Westlands Constituency	0.005	7,600	0.0102	0.387
Dagoreti North Constituency	0.005	7,030	0.0097	0.371
Dagoreti South Constituency	0.005	6,990	0.0097	0.310
Langata Constituency	0.005	9,250	0.0126	0.349
Kibra Constituency	0.005	6,500	0.0101	0.384
Roysambu Constituency	0.005	6,510	0.0090	0.332
Kasarani Constituency	0.005	7,010	0.0092	0.328
Ruaraka Constituency	0.005	5,630	0.0084	0.343
Embakasi South Constituency	0.005	6,580	0.0102	0.329
Embakasi North Constituency	0.005	6,070	0.0085	0.296
Embakasi Central Constituency	0.005	7,860	0.0116	0.278
Embakasi East Constituency	0.004	8,850	0.0110	0.339
Embakasi West Constituency	0.004	8,060	0.0098	0.276
Makadara Constituency	0.005	8,190	0.0116	0.309
Kamukunji Constituency	0.005	7,880	0.0122	0.299
Starehe Constituency	0.004	8,400	0.0104	0.335
Mathare Constituency	0.005	5,310	0.0079	0.355
Nyandarua County	0.016	3,260	0.015	0.394
Kinangop Constituency	0.005	2,950	0.0043	0.377
Kipipiri Constituency	0.003	2,470	0.0018	0.351
Ol Kalou Constituency	0.003	4,140	0.0036	0.414
Ol Jorok Constituency	0.003	3,310	0.0024	0.383
Ndaragwa Constituency	0.002	3,560	0.0025	0.379
Nyeri County	0.018	3,850	0.020	0.365
Tetu Constituency	0.002	3,140	0.0019	0.303
Kieni Constituency	0.005	3,570	0.0048	0.351
Mathira Constituency	0.004	3,420	0.0039	0.314
Othaya Constituency	0.002	3,320	0.0022	0.337
Mukurwe-Ini Constituency	0.002	2,990	0.0019	0.343
Nyeri Town Constituency	0.003	6,410	0.0055	0.325
Kirinyaga County	0.014	3,740	0.015	0.354
Mwea Constituency	0.005	3,760	0.0055	0.375
Gichugu Constituency	0.003	3,330	0.0032	0.294
Ndia Constituency	0.003	3,690	0.0028	0.355
Kirinyaga Central Constituency	0.003	4,210	0.0036	0.361
Muranga County	0.025	3,320	0.024	0.361
Kangema Constituency	0.002	3,300	0.0020	0.320
Mathioya Constituency	0.002	3,220	0.0022	0.319
Kiharu Constituency	0.005	3,400	0.0047	0.370
Kigumo Constituency	0.003	2,990	0.0029	0.346
Maragwa Constituency	0.004	3,860	0.0045	0.393
Kandara Constituency	0.004	3,200	0.0039	0.360

Gatanga Constituency	0.004	3,150	0.0040	0.348
Kiambu County	0.043	5,050	0.063	0.335
Gatundu South Constituency	0.003	3,430	0.0030	0.325
Gatundu North Constituency	0.003	3,050	0.0024	0.327
Juja Constituency	0.003	5,820	0.0053	0.308
Thika Town Constituency	0.004	5,690	0.0070	0.332
Ruiru Constituency	0.005	5,990	0.0092	0.266
Githunguri Constituency	0.004	4,070	0.0046	0.299
Kiambu Constituency	0.003	5,750	0.0048	0.310
Kiambaa Constituency	0.004	6,000	0.0067	0.305
Kabete Constituency	0.004	6,280	0.0068	0.267
Kikuyu Constituency	0.003	5,750	0.0055	0.299
Limuru Constituency	0.003	4,410	0.0044	0.365
Lari Constituency	0.003	3,140	0.0030	0.322
Mombasa County	0.024	5,790	0.041	0.365
Changamwe Constituency	0.003	5,720	0.0058	0.357
Jomvu Constituency	0.003	6,040	0.0054	0.367
Kisauni Constituency	0.005	5,530	0.0081	0.394
Nyali Constituency	0.005	5,770	0.0082	0.356
Likoni Constituency	0.004	5,920	0.0075	0.364
Mvita Constituency	0.004	5,850	0.0062	0.343
Kwale County	0.017	2,060	0.010	0.597
Msabweni Constituency	0.004	4,040	0.0041	0.532
Lunga Lunga Constituency	0.004	1,270	0.0015	0.544
Matuga Constituency	0.004	2,330	0.0027	0.501
Kinango Constituency	0.006	1,210	0.0019	0.575
Kilifi County	0.029	2,870	0.024	0.565
Kilifi North Constituency	0.005	3,250	0.0051	0.550
Kilifi South Constituency	0.005	3,750	0.0049	0.437
Kaloleni Constituency	0.004	2,750	0.0033	0.539
Rabai Constituency	0.003	2,910	0.0022	0.415
Ganze Constituency	0.004	1,190	0.0013	0.523
Malindi Constituency	0.004	4,510	0.0056	0.540
Magarini Constituency	0.005	1,450	0.0019	0.608
Tana River County	0.006	2,010	0.004	0.617
Garsen Constituency	0.003	1,810	0.0014	0.608
Galole Constituency	0.002	2,280	0.0011	0.622
Bura Constituency	0.002	2,040	0.0013	0.616
Lamu County	0.003	4,190	0.003	0.471
Lamu East Constituency	0.000	2,870	0.0004	0.332
Lamu West Constituency	0.002	4,490	0.0028	0.479
Taita-Taveta County	0.007	2,850	0.006	0.437
Taveta Constituency	0.002	2,780	0.0014	0.466
Wundanyi Constituency	0.002	2,470	0.0011	0.379
Mwatate Constituency	0.002	2,610	0.0014	0.399
Voi Constituency	0.002	3,360	0.0022	0.450
Marsabit County	0.008	1,860	0.004	0.365
Moyale Constituency	0.003	2,050	0.0016	0.379

North Horr Constituency	0.002	1,330	0.0008	0.214
Saku Constituency	0.001	2,900	0.0010	0.444
Laisamis Constituency	0.002	1,430	0.0007	0.252
Isiolo County	0.005	3,030	0.004	0.431
Isiolo North Constituency	0.004	3,440	0.0039	0.421
Isiolo South Constituency	0.001	1,620	0.0005	0.311
Meru County	0.036	3,070	0.032	0.348
Igembe South Constituency	0.004	3,080	0.0032	0.373
Igembe Central Constituency	0.005	2,760	0.0041	0.308
Igembe North Constituency	0.004	2,320	0.0028	0.337
Tigania West Constituency	0.004	2,980	0.0031	0.289
Tigania East Constituency	0.004	2,600	0.0032	0.322
North Imenti Constituency	0.004	4,760	0.0053	0.384
Buuri Constituency	0.004	3,340	0.0035	0.345
Central Imenti Constituency	0.003	2,730	0.0024	0.278
South Imenti Constituency	0.005	3,160	0.0043	0.320
Tharaka Nithi County	0.010	3,220	0.009	0.398
Maara Constituency	0.003	4,060	0.0033	0.368
Chuka/Igambangombe Constituency	0.003	3,800	0.0037	0.365
Tharaka Constituency	0.003	1,970	0.0020	0.341
Embu County	0.014	3,330	0.013	0.379
Manyatta Constituency	0.004	4,590	0.0054	0.366
Runyenjes Constituency	0.004	3,430	0.0038	0.309
Mbeere South Constituency	0.003	2,450	0.0024	0.351
Mbeere North Constituency	0.002	2,300	0.0016	0.376
Kitui County	0.026	2,260	0.017	0.388
Mwingi North Constituency	0.004	1,430	0.0015	0.317
Mwingi West Constituency	0.003	2,550	0.0022	0.322
Mwingi Central Constituency	0.003	1,620	0.0015	0.319
Kitui West Constituency	0.003	3,230	0.0025	0.311
Kitui Rural Constituency	0.003	2,230	0.0018	0.323
Kitui Central Constituency	0.003	3,880	0.0038	0.388
Kitui East Constituency	0.003	1,980	0.0019	0.377
Kitui South Constituency	0.004	1,630	0.0021	0.308
Machakos County	0.029	3,860	0.032	0.403
Masinga Constituency	0.003	1,960	0.0019	0.332
Yatta Constituency	0.004	3,020	0.0034	0.411
Kangundo Constituency	0.003	4,380	0.0032	0.342
Matungulu Constituency	0.003	4,510	0.0043	0.364
Kathiani Constituency	0.003	2,930	0.0024	0.307
Mavoko Constituency	0.004	6,600	0.0070	0.295
Machakos Town Constituency	0.005	4,740	0.0072	0.362
Mwala Constituency	0.004	2,540	0.0032	0.341
Makueni County	0.023	2,200	0.015	0.376
Mbooni Constituency	0.005	2,240	0.0032	0.331
Kilome Constituency	0.002	2,590	0.0017	0.346
Kaiti Constituency	0.003	2,470	0.0023	0.331
Makueni Constituency	0.005	2,140	0.0032	0.399

Kibwezi West Constituency	0.004	2,240	0.0028	0.416
Kibwezi East Constituency	0.003	1,670	0.0017	0.353
Garissa County	0.011	2,640	0.009	0.436
Garissa Township Constituency	0.003	5,030	0.0041	0.368
Balambala Constituency	0.002	1,580	0.0008	0.335
Lagdera Constituency	0.002	1,620	0.0010	0.332
Dadaab Constituency	0.001	2,010	0.0008	0.349
Fafi Constituency	0.001	2,010	0.0005	0.339
Ijara Constituency	0.002	2,090	0.0015	0.355
Wajir County	0.014	1,320	0.005	0.321
Wajir North Constituency	0.003	1,130	0.0011	0.289
Wajir East Constituency	0.001	2,120	0.0007	0.411
Tarraj Constituency	0.003	1,140	0.0009	0.277
Wajir West Constituency	0.002	1,280	0.0009	0.290
Eldas Constituency	0.002	1,160	0.0007	0.265
Wajir South Constituency	0.003	1,560	0.0012	0.335
Mandera County	0.025	1,400	0.010	0.332
Mandera West Constituency	0.004	1,280	0.0015	0.277
Banissa Constituency	0.004	1,140	0.0014	0.241
Mandera North Constituency	0.004	1,370	0.0017	0.321
Mandera South Constituency	0.006	1,220	0.0021	0.286
Mandera East Constituency	0.003	2,660	0.0020	0.403
Lafey Constituency	0.004	1,220	0.0013	0.279
Siaya County	0.022	3,170	0.020	0.405
Ugenya Constituency	0.003	2,780	0.0023	0.378
Ugunja Constituency	0.002	3,050	0.0022	0.402
Alego Usonga Constituency	0.005	3,320	0.0048	0.434
Gem Constituency	0.004	2,620	0.0032	0.371
Bondo Constituency	0.004	4,010	0.0048	0.414
Rarieda Constituency	0.004	3,040	0.0031	0.358
Kisumu County	0.025	4,380	0.032	0.430
Kisumu East Constituency	0.004	5,870	0.0068	0.387
Kisumu West Constituency	0.003	4,600	0.0045	0.429
Kisumu Central Constituency	0.004	6,970	0.0088	0.269
Seme Constituency	0.003	2,460	0.0019	0.340
Nyando Constituency	0.004	3,450	0.0037	0.410
Muhoroni Constituency	0.004	3,450	0.0038	0.427
Nyakach Constituency	0.004	2,680	0.0027	0.386
Homa Bay County	0.025	2,870	0.021	0.416
Kasipul Constituency	0.003	3,580	0.0031	0.444
Kabondo Kasipul Constituency	0.003	2,310	0.0019	0.356
Karachuonyo Constituency	0.004	2,600	0.0032	0.359
Rangwe Constituency	0.003	2,340	0.0018	0.339
Homa Bay Town Constituency	0.002	4,670	0.0034	0.473
Ndhiwa Constituency	0.005	2,200	0.0029	0.327
Suba North Constituency	0.003	3,280	0.0028	0.439
Suba South Constituency	0.003	2,600	0.0021	0.419
Migori County	0.024	3,450	0.024	0.464

Rongo Constituency	0.003	5,180	0.0040	0.417
Awendo Constituency	0.003	5,960	0.0050	0.424
Suna East Constituency	0.003	3,350	0.0025	0.475
Suna West Constituency	0.002	3,510	0.0025	0.490
Uriri Constituency	0.003	2,240	0.0020	0.348
Nyatike Constituency	0.004	2,940	0.0033	0.416
Kuria West Constituency	0.005	2,810	0.0037	0.445
Kuria East Constituency	0.002	2,020	0.0013	0.336
Kisii County	0.030	2,850	0.025	0.420
Bonchari Constituency	0.003	3,260	0.0029	0.377
South Mugirango Constituency	0.004	2,330	0.0029	0.350
Bomachoge Borabu Constituency	0.003	2,320	0.0019	0.397
Bobasi Constituency	0.005	2,210	0.0032	0.348
Bomachoge Chache Constituency	0.002	2,500	0.0018	0.400
Nyaribari Masaba Constituency	0.003	3,410	0.0032	0.370
Nyaribari Chache Constituency	0.003	3,410	0.0034	0.462
Kitutu Chache North Constituency	0.003	1,870	0.0015	0.313
Kitutu Chache South Constituency	0.003	4,490	0.0044	0.475
Nyamira County	0.016	2,640	0.012	0.394
Kitutu Masaba Constituency	0.005	2,550	0.0039	0.386
West Mugirango Constituency	0.004	3,160	0.0039	0.425
North Mugirango Constituency	0.003	2,190	0.0021	0.325
Borabu Constituency	0.003	2,550	0.0023	0.393
Turkana County	0.021	1,380	0.009	0.283
Turkana North Constituency	0.004	1,150	0.0013	0.173
Turkana West Constituency	0.005	1,550	0.0022	0.331
Turkana Central Constituency	0.003	2,000	0.0020	0.373
Loima Constituency	0.003	1,110	0.0010	0.185
Turkana South Constituency	0.004	1,210	0.0013	0.211
Turkana East Constituency	0.002	1,150	0.0008	0.169
West Pokot County	0.013	1,900	0.007	0.318
Kapenguria Constituency	0.004	2,550	0.0027	0.360
Sigor Constituency	0.002	1,690	0.0011	0.265
Kacheliba Constituency	0.004	1,410	0.0014	0.246
Pokot South Constituency	0.004	1,830	0.0019	0.273
Samburu County	0.006	1,920	0.003	0.332
Samburu West Constituency	0.002	2,010	0.0013	0.344
Samburu North Constituency	0.002	1,740	0.0011	0.276
Samburu East Constituency	0.002	2,070	0.0009	0.376
Trans-Nzoia County	0.022	2,920	0.018	0.360
Kwanza Constituency	0.004	2,740	0.0035	0.342
Endebess Constituency	0.002	2,220	0.0016	0.292
Saboti Constituency	0.005	4,120	0.0055	0.394
Kiminini Constituency	0.005	2,930	0.0043	0.343
Cherangany Constituency	0.005	2,320	0.0035	0.291
Baringo County	0.015	2,430	0.010	0.356
Tiaty Constituency	0.004	1,610	0.0017	0.234
Baringo North Constituency	0.002	1,970	0.0014	0.313

Baringo Central Constituency	0.002	3,040	0.0019	0.379
Baringo South Constituency	0.002	2,330	0.0015	0.340
Mogotio Constituency	0.002	2,540	0.0012	0.329
Eldama Ravine Constituency	0.003	3,460	0.0028	0.335
Uasin-Gishu County	0.023	3,710	0.025	0.370
Soy Constituency	0.004	2,580	0.0032	0.324
Turbo Constituency	0.005	4,220	0.0067	0.370
Moiben Constituency	0.004	3,670	0.0043	0.365
Ainabkoi Constituency	0.003	3,420	0.0027	0.335
Kapseret Constituency	0.003	5,060	0.0051	0.352
Kesses Constituency	0.003	3,190	0.0030	0.338
Elgeyo Marakwet County	0.010	2,420	0.007	0.358
Marakwet East Constituency	0.002	1,820	0.0011	0.302
Marakwet West Constituency	0.003	2,030	0.0017	0.310
Keiyo North Constituency	0.002	4,090	0.0023	0.339
Keiyo South Constituency	0.003	2,140	0.0018	0.310
Nandi County	0.020	2,820	0.016	0.343
Tinderet Constituency	0.003	1,970	0.0015	0.300
Aldai Constituency	0.004	2,320	0.0027	0.291
Nandi Hills Constituency	0.003	2,950	0.0024	0.341
Chesumei Constituency	0.003	3,490	0.0034	0.340
Emgwen Constituency	0.003	3,730	0.0037	0.347
Mosop Constituency	0.004	2,380	0.0024	0.293
Laikipia County	0.010	2,720	0.008	0.369
Laikipia West Constituency	0.005	2,750	0.0042	0.375
Laikipia East Constituency	0.003	3,300	0.0028	0.339
Laikipia North Constituency	0.002	1,840	0.0011	0.305
Nakuru County	0.042	3,960	0.048	0.376
Molo Constituency	0.003	4,360	0.0041	0.343
Njoro Constituency	0.005	2,770	0.0039	0.308
Naivasha Constituency	0.006	4,960	0.0085	0.363
Gilgil Constituency	0.004	3,310	0.0036	0.312
Kuresoi South Constituency	0.003	2,290	0.0020	0.305
Kuresoi North Constituency	0.003	2,480	0.0024	0.307
Subukia Constituency	0.003	2,510	0.0018	0.309
Rongai Constituency	0.003	2,840	0.0028	0.322
Bahati Constituency	0.004	3,670	0.0040	0.313
Nakuru Town West Constituency	0.004	6,580	0.0075	0.295
Nakuru Town East Constituency	0.004	6,240	0.0073	0.295
Narok County	0.022	2,510	0.016	0.315
Kilgoris Constituency	0.005	2,460	0.0034	0.320
Emurua Dikirr Constituency	0.003	2,040	0.0015	0.263
Narok North Constituency	0.005	3,280	0.0044	0.327
Narok East Constituency	0.002	2,580	0.0017	0.308
Narok South Constituency	0.005	2,260	0.0032	0.287
Narok West Constituency	0.004	2,230	0.0023	0.285
Kajiado County	0.018	3,780	0.020	0.403
Kajiado North Constituency	0.005	5,990	0.0089	0.317

Kajiado Central Constituency	0.003	2,400	0.0019	0.302
Kajiado East Constituency	0.004	4,390	0.0045	0.375
Kajiado West Constituency	0.003	2,290	0.0020	0.331
Kajiado South Constituency	0.004	2,330	0.0024	0.313
Kericho County	0.020	3,300	0.019	0.378
Kipkelion East Constituency	0.003	4,090	0.0034	0.410
Kipkelion West Constituency	0.003	2,620	0.0020	0.328
Ainamoi Constituency	0.004	4,610	0.0049	0.379
Bureti Constituency	0.004	2,500	0.0032	0.320
Belgut Constituency	0.003	3,560	0.0035	0.322
Sigowet/Soin Constituency	0.003	2,320	0.0019	0.298
Bomet County	0.019	2,390	0.013	0.338
Sotik Constituency	0.004	2,270	0.0029	0.327
Chepalungu Constituency	0.004	2,090	0.0026	0.312
Bomet East Constituency	0.003	2,360	0.0023	0.337
Bomet Central Constituency	0.003	2,960	0.0029	0.367
Konoin Constituency	0.004	2,430	0.0027	0.318
Kakamega County	0.044	2,710	0.034	0.394
Lugari Constituency	0.004	2,350	0.0030	0.356
Likuyani Constituency	0.003	2,320	0.0022	0.353
Malava Constituency	0.005	2,310	0.0036	0.336
Lurambi Constituency	0.004	5,420	0.0065	0.449
Navakholo Constituency	0.004	2,210	0.0024	0.328
Mumias West Constituency	0.003	3,860	0.0033	0.374
Mumias East Constituency	0.003	2,700	0.0021	0.351
Matungu Constituency	0.004	2,500	0.0028	0.353
Butere Constituency	0.004	2,370	0.0026	0.351
Khwisero Constituency	0.003	1,960	0.0016	0.329
Shinyalu Constituency	0.004	2,180	0.0027	0.347
Ikolomani Constituency	0.003	2,210	0.0018	0.351
Vihiga County	0.015	3,570	0.015	0.399
Vihiga Constituency	0.002	4,080	0.0029	0.358
Sabatia Constituency	0.003	5,450	0.0054	0.353
Hamisi Constituency	0.004	2,380	0.0027	0.370
Luanda Constituency	0.003	3,570	0.0026	0.350
Emuhaya Constituency	0.002	2,320	0.0016	0.338
Bungoma County	0.036	3,020	0.032	0.430
Mt Elgon Constituency	0.005	2,310	0.0031	0.397
Sirisia Constituency	0.003	2,150	0.0017	0.336
Kabuchai Constituency	0.004	2,230	0.0024	0.331
Bumula Constituency	0.005	2,300	0.0032	0.342
Kanduyi Constituency	0.006	3,090	0.0054	0.408
Webuye East Constituency	0.003	4,560	0.0036	0.528
Webuye West Constituency	0.003	2,720	0.0027	0.396
Kimilili Constituency	0.003	5,990	0.0061	0.376
Tongaren Constituency	0.005	2,670	0.0039	0.389
Busia County	0.020	2,560	0.015	0.459
Teso North Constituency	0.003	2,380	0.0021	0.364

Teso South Constituency	0.004	4,300	0.0045	0.638
Nambale Constituency	0.003	2,100	0.0015	0.355
Matayos Constituency	0.003	2,460	0.0021	0.375
Butula Constituency	0.003	1,840	0.0017	0.337
Funyula Constituency	0.002	2,130	0.0015	0.398
Budalangi Constituency	0.002	2,020	0.0010	0.368