The Republic of Rwanda

NATIONAL INSTITUTE OF STATISTICS OF RWANDA

Poverty Mapping Report

2013/14

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Kigali, May 2017

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Table of Contents

Foreword i

List of Tables iv

Chapter 1: Introduction 1

Chapter 2: What and Why 1

Chapter 3: Small-Area Estimation 1

3.1 Identifying Variables 2

3.2 The Logistic Regression Model 2

3.3 Rolling out the Model 5

3.4 Aggregating the Information 7

3.5 Mapping the Data 8

References 51

ANNEX 1: List of Sectors with poverty headcount index and poverty level sorted out by province 52

ANNEX 2: List of Cells with poverty headcount index and poverty level sorted out by province 61

Annex 3: Contributors to the Poverty Mapping Analysis Report 103

List of Tables

Table 3. 1: Variables, Means, and Parameter Estimates for the Logistic Model ---------- 4

Table 3. 2: Observed and Model-Predicted Poverty Headcount Index by District ---------- 6

Table 3. 3: Distribution of Cells by Category of Poverty and by Province ---------- 7

Table 3. 4: Distribution of Sectors by Category of Poverty and by Province ---------- 8

Table 3. 5: Mapping the data in a visually compelling way ---------- 8

List of figures and maps

Figure 3. 1: Comparison of Observed (from EICV4) and Model-Based (using Census) Poverty Rates by District 7

Map 3. 1: Poverty Level in Rwanda by cell 10

Map 3. 2: Poverty Level in Rwanda by Sector 10

Map 3. 3: Poverty Level in Kigali City by Cell 11

Map 3. 4: Poverty Level in Southern Province by Cell 12

Map 3. 5: Poverty Level in Western Province by Cell 13

Map 3. 6: Poverty Level in Northern Province by Cell 14

Map 3. 7: Poverty Level in Eastern Province by Cell 15

Map 3. 8: Poverty Level in Kigali City by Sector 16

Map 3. 9: Poverty Level in Southern Province by Sector 20

Map 3. 10: Poverty Level in Western Province by Sector 29

Map 3. 11: Poverty Level in Northern Province by Sector 37

Map 3. 12: Poverty Level in Eastern Province by Sector 43

Chapter 1: Introduction

This report presents a series of poverty maps of Rwanda, based on data from the integrated living standards survey of 2013-14 (EICV4) and the 2012 Population and Housing Census.

In what follows we explain what a poverty map is, why it is useful, and how it may be constructed. We then present the technical details of the estimations that underpin the poverty maps, and evaluate the robustness of the results. The poverty maps themselves are shown in full colour in the last section of the report.

Chapter 2: What and Why

A poverty map is simply a map that shows the incidence of poverty in different areas of the country. It allows the viewer to appreciate, at a glance, the geographic dimensions of poverty.

Apart from their intrinsic interest, poverty maps may be used to help guide the allocation of resources across local agencies or governmental units, in an effort to better target efforts to reach the poor. Potentially this works best if information on the incidence of poverty can be generated for small areas, allowing one to pinpoint the areas of most need (Baker and Grosh 1994).

In Rwanda, the standard measure of poverty is based on expenditure per adult equivalent: when this falls below the poverty line, the household is considered to be poor. Considerable care and attention has been given to the construction of an appropriate measure of expenditure, and to the formulation and updating over time of the poverty line (NISR 2016).

The measurement of poverty requires detailed information, which can only be obtained with an extensive survey questionnaire. The cost of gathering these data limits the survey size: 14,419 households were surveyed in EICV4. While this allows one to measure poverty quite accurately at the national and provincial level, the samples are too small at the level of the sector or cell – the smallest institutional units in Rwanda – for one to be able to measure poverty directly at this degree of disaggregation. To work around this problem, so as to be able to produce detailed poverty maps, one needs to turn to the techniques of small-area estimation, which are described in the next section.

Chapter 3: Small-Area Estimation

Given that we have data from a high-quality, but relatively small, survey of household living standards (EICV4), how might one estimate the poverty rates for every small area in Rwanda?

The key idea is to combine the detailed information from EICV4 with the one source of recent data that has information on every household, which is the Population and Housing Census of 2012 (henceforth the "Census"). While the Census covered every household, it only collected information on a limited number of variables, such as the conditions of the housing unit, and family demographic characteristics, and these are not enough for one to measure directly whether a family has low levels of expenditure and is therefore poor.

The method proceeds in five steps.

1. Identify variables for which information was collected in a compatible fashion both in the EICV4 survey and in the Census, and which are likely to be correlated with expenditure per adult equivalent (and hence with poverty).
2. Using these variables, construct a logistic regression model using the EICV4 data that predicts whether a household is poor or not in 2013/14. Check that this model is sensible, robust, and accurate in its predictions.
3. Use the regression model from step 2, along with the information from the Census, to predict the poverty rate of every household in the country.
4. Aggregate the information from step 3 to get the proportion of people in each of the 2,148 cells (or 416 sectors) who are estimated to be poor.
5. Create a map of the poverty rates for each cell (or sector), using a palette of colours that makes it easy to identify the areas that have higher or lower levels of poverty.

In the following sub-sections we discuss these steps in more detail.

3.1 Identifying Variables

We have identified twenty relevant questions that ask for the same information in the Census as in the EICV4. These are listed in Table 3.1, where we have sorted them into environmental, housing, social, demographic, economic, and geographic variables. Our earlier work shows that these variables are closely associated with the incidence of poverty (NISR 2016).

Four of these variables are continuous (such as the household size, or age of the head of household), three are binary (such as the gender of the head of household, or whether the household has a mobile phone), and the other thirteen are categorical variables with multiple categories (such as the type of fuel used for cooking, or the district in which the household is located).

3.2 The Logistic Regression Model

Our goal in this step is to build a regression model that predicts whether a household is poor or not, using data from the living standards survey of 2013-14 (EICV4). For every household in this survey we have a direct measure of whether they are poor or not; this variable, which we denote by y_i, takes on a value of 1 (if the household *i* is poor) or 0 (if they are not poor).

Technical note. We measure poverty using the headcount index, which estimates the proportion of households in an area a that are poor (p_a). This is equivalent to saying that the probability that a randomly chosen household from the area is poor is p_a.

The variable y_i has a Bernoulli distribution with probabilities p_i. The odds that the ith household is poor are given by $O(y_i) = p_i/(1-p_i)$, and the logit of the odds is given by the natural log of the odds, so $\text{logit}(y_i) = \ln(O(y_i))$. It is convenient to model the logit as a linear function of the k predictor variables, which leads to the following:

$$\text{logit}(y_i) = \beta_0 + \beta_1 x_1 + \beta_2 x_2 + \cdots + \beta_k x_k. \quad (1)$$

Here, the x_i are the variables that we have identified in step 1, and the β_i are parameters that need to be estimated, which we do using a maximum likelihood method that also takes into account the sample design of EICV4 (Hosmer, Lemenshow, and Sturdivant 2013).

Using Eqn. (1), we can use the values of the x_i for any household, along with the estimated values of the β_i, to find the logit, and from there the odds, and thence the estimated probability that the household is poor, given by $\hat{p}_i$.

An important characteristic of the Bernoulli distribution is that the expected value of the random variable y_i is the same as the probability that the household is poor (i.e. of p_i). It follows that the estimate of the number of poor households in any community such as a cell or sector is given by $\sum_i \hat{p}_i$, so an estimate of the poverty *rate* in a community of n members is given by $\sum_i \hat{p}_i/n$.

The results of estimating the logistic regression, using the EICV4 data, are shown in Table 3.1. The first column of numbers shows the mean values of each variable (for continuous variables), or the frequency with which each category occurs (for categorical variables).

The next column in Table 3.1 gives the coefficients of the logistic regression. Within each categorical variable, one category serves as the reference point, and the coefficients show how the logit varies relative to the reference category, holding all other effects constant. The coefficients are of limited interest in their own right, given that we are focused on the ability of the estimated equation to predict poverty status overall, rather than on testing the significance of individual effects. The penultimate column shows the p-values for each coefficient: the lower the p-value, the higher the statistical significance of the estimated coefficient.

The final column in Table 3.1 measures the statistical significance of including the variable in the equation. In every case these p-values are very small, which is strong

evidence that they belong in the model, and are helpful in estimating whether a household is, or is not, poor.

Table 3. 1: Variables, Means, and Parameter Estimates for the Logistic Model

Variable	Categories	Mean	Coefficient	p-value	p-value
Environmental Variables					
Mode of garbage disposal	Publicly managed refuse area		-0.905	0.095	
	Rubbish collection service		-0.935	0.081	
	Thrown in bush or field		-0.845	0.071	
	Dumped in river or lake		-0.702	0.237	
	Compost heap		-1.064	0.024	
	Other		-	-	0.002
Type of toilet	Flush toilet		-1.016	0.037	
	Pit latrine		-0.279	0.016	
	Other		-	-	0.017
Housing Variables					
Type of dwelling	Single house occupied by one household		0.922	0.000	0.000
	House occupied by multiple Households		0.558	0.024	
	Other dwelling		-	-	
Current occupancy status	Owner occupied		-0.581	0.327	0.006
	Tenancy (renting)		-0.156	0.796	
	Dwelling provided by employer		-0.581	0.495	
	Dwelling provided free of charge		-0.386	0.566	
	Temporary camp or settlement		-0.047	0.956	
	Other		-	-	
Main source of water	Piped into dwelling		-20.552	0.000	
	Piped into yard		-0.728	0.025	
	Public standpipe		0.392	0.087	
	Protected spring well		0.637	0.005	
	Unprotected spring well		0.655	0.006	
	Rainwater		-0.429	0.293	
	Surface water (river or lake)		0.520	0.027	
	Other		-	-	0.000
Main floor material	Beaten earth and hardened dung		-0.043	0.901	0.000
	Wood		0.547	0.558	
	Cement, clay tile		-1.200	0.001	
	Brick		-0.931	0.033	
	Other		-	-	
Primary source of cooking fuel	Firewood		0.834	0.278	0.000
	Charcoal		-0.467	0.543	
	Gas		-21.055	0.000	
	Biogas		0.479	0.732	
	Electricity		3.308	0.001	
	Oil or kerosene		-19.150	0.000	
	Crop waste		1.385	0.105	
	Other		-	-	
Main construction material of exterior wall	Mud bricks		-0.062	0.903	0.000
	Oven-fired bricks		-0.038	0.947	
	Cement blocks		-0.477	0.613	
	Wooden planks		-0.227	0.701	
	Stone		-0.034	0.957	
	Tree trunks with mud		0.210	0.684	
	Tree trunks with cement		-0.510	0.333	
	Other		-	-	
Bedrooms	Rooms used for sleeping *(number)*		-0.242	0.000	0.000
Social Variables					
Literacy of head of household	Literate		-0.445	0.740	
	Not literate		-0.230	0.864	
	Not applicable		-	-	0.001
Head of household has insurance	RAMA		-1.112	0.002	
	Mutual insurance		-0.409	0.000	
	Employer		-1.030	0.280	
	MMI		-0.459	0.477	0.000

Variable	Categories		Mean	Coefficient	p-value	p-value
	Other insurance			-1.231	0.163	
	None			-	-	
Mobile phones	Households with a mobile phone			-0.901	0.000	0.000
Internet	Households with an internet connection			-1.424	0.000	0.000
Crowding	Persons per room *(number)*			0.593	0.000	0.000
Demographic Variables						
Sex of head of household	Male			-0.682	0.000	
	Female			-	-	0.000
Marital status of head of household	Married			0.249	0.062	0.001
	Divorced, separated			0.450	0.000	
	Single			0.015	0.927	
	Widow/widower			-	-	
Age of head	Age of household head *(number of years)*			-0.011	0.000	0.000
Household size	Persons *(number)*			0.241	0.000	0.000
Economic Variables						
Sector of employment of Household head	Agriculture			-0.556	0.000	0.000
	Non agriculture			-0.903	0.000	
	Not Applicable			-	-	
Intercept				0.213	0.907	0.000
Geographic Variables						
Districts	Kigali	Nyarugenge	2.9	1.290	0.000	
		Gasabo	5.9	0.967	0.000	
		Kicukiro	3.0	1.546	0.000	
	Southern Province	Nyanza	3.1	-0.359	0.043	
		Gisagara	3.2	0.410	0.045	
		Nyaruguru	2.4	-0.159	0.349	
		Huye	3.2	-0.278	0.111	
		Nyamagabe	2.9	-0.394	0.042	
		Ruhango	3.1	-0.055	0.772	
		Muhanga	2.9	-0.213	0.294	
		Kamonyi	3.2	-0.353	0.082	
	Western Province	Karongi	3.0	0.330	0.068	
		Rutsiro	2.9	0.505	0.023	
		Rubavu	3.7	0.399	0.040	
		Nyabihu	2.6	0.265	0.148	
		Ngororero	3.3	0.485	0.010	
		Rusizi	3.6	-0.151	0.414	
		Nyamasheke	3.4	1.082	0.000	
	Northern Province	Rulindo	2.8	0.683	0.000	
		Gakenke	3.2	0.376	0.023	
		Musanze	3.5	0.394	0.035	
		Burera	3.0	0.602	0.002	
		Gicumbi	3.4	0.811	0.000	
	Eastern Province	Rwamagana	3.4	-0.249	0.191	
		Nyagatare	4.5	0.345	0.104	
		Gatsibo	4.4	0.300	0.047	
		Kayonza	3.4	-0.659	0.001	
		Kirehe	3.4	0.418	0.023	
		Ngoma	3.2	0.245	0.190	
		Bugesera	3.8	-	-	0.000

3.3 Rolling out the Model

We now apply the estimated equation from section 3.2, which is based on the EICV4 data, to estimate the probability, using data from the Census for every household in the country, that it is poor (i.e. $\hat{p}_i$).

But before using these results to build maps, we would like to get a better sense of whether our modelling exercise does a good job of predicting the poverty status of households in an area.

A good way to test our model is to compare the poverty rates that are actually observed with those predicted by the model. Rwanda has 30 districts, and the sample size of the EICV4 survey is large enough to allow us to estimate directly the headcount poverty rate for each district, as well as generate a 95% confidence interval around these estimates. These poverty rates and intervals are shown in the first three columns of numbers in Table 3.2.

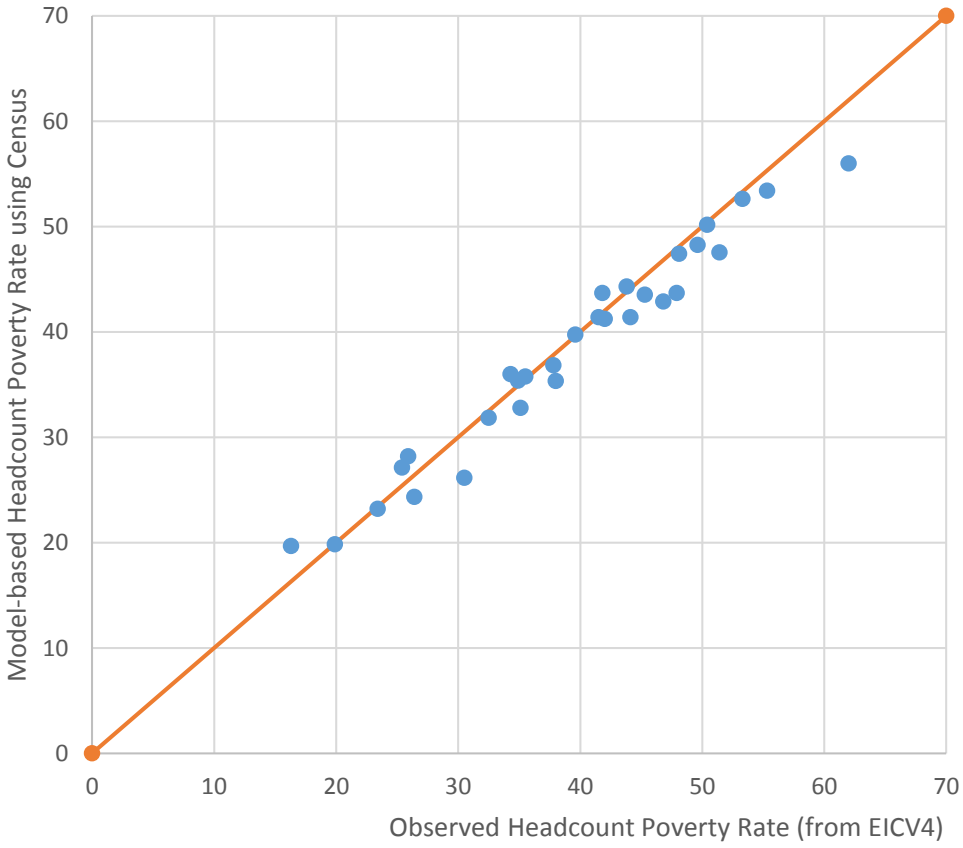
Next, for each district we find the estimate of poverty that is generated using our model as applied to the Census data; as noted above, this involves computing the mean value of the estimated probabilities (i.e. of the $\hat{p}_i$) by district. These numbers are shown in the last column of Table 3.2. If our model is a good one, the poverty rates generated by the model applied to Census data, should be close to the poverty rates estimated directly from the EICV4 survey data.

The two sets of poverty estimates are indeed close. This may be seen from Table 3.2, where the model-based results all fall within the 95% confidence interval of the directly-estimated survey figures. This is also clear from Figure 3.1, which graphs the observed poverty rate for each district on the horizontal axis, and the model-based Census estimates on the vertical axis: the two measures closely hug the 45° line.

Table 3. 2: Observed and Model-Predicted Poverty Headcount Index by District

Province	District	Poverty Headcount Rate from EICV4			Model-based mean using Census data
		Mean	95% confidence interval		
			Lower bound	Upper bound	
Kigali	Nyarugenge	19.90	12.97	26.88	19.84
	Gasabo	23.40	16.57	30.21	23.22
	Kicukiro	16.30	11.30	21.29	19.70
Southern Province	Nyanza	38.00	31.54	44.36	35.34
	Gisagara	53.30	46.08	60.44	52.64
	Nyaruguru	47.90	43.09	52.78	43.71
	Huye	32.50	25.99	39.09	31.85
	Nyamagabe	41.50	35.42	47.59	41.41
	Ruhango	37.80	31.29	44.36	36.83
	Muhanga	30.50	23.87	37.08	26.16
	Kamonyi	25.90	20.85	30.93	28.21
Western Province	Karongi	45.30	37.92	52.68	43.55
	Rutsiro	51.40	43.66	59.07	47.56
	Rubavu	35.50	28.72	42.22	35.78
	Nyabihu	39.60	32.85	46.45	39.76
	Ngororero	49.60	42.90	56.31	48.27
	Rusizi	35.10	27.83	42.35	32.78
	Nyamasheke	62.00	55.83	68.17	56.00
Northern Province	Rulindo	48.10	40.91	55.34	47.42
	Gakenke	42.00	36.63	47.28	41.23
	Musanze	34.90	28.76	40.99	35.39
	Burera	50.40	42.80	58.04	50.18
	Gicumbi	55.30	49.07	61.63	53.40
Eastern Province	Rwamagana	25.40	18.83	31.88	27.13
	Nyagatare	44.10	37.31	50.99	41.40
	Gatsibo	43.80	38.58	49.03	44.30
	Kayonza	26.40	20.47	32.37	24.35
	Kirehe	41.80	35.57	48.05	43.71
	Ngoma	46.80	40.43	53.09	42.88
	Bugesera	34.30	28.41	40.16	36.00
Rwanda	**Total**	**39.10**	**37.85**	**40.31**	**38.03**

Figure 3. 1: Comparison of Observed (from EICV4) and Model-Based (using Census) Poverty Rates by District



3.4 Aggregating the Information

We are now ready to estimate the poverty rate for each cell, and each sector, in the country. The method is as outlined in section 3.3: for each household, use the Census data, and the model estimated in section 3.2., to get a value of $\hat{p}_i$ for every household. Then find the average of these estimates for every cell and sector. Annex 1 lists every sector by province, sorted from those with the lowest to those with the highest estimated poverty rates. Annex 2 does the same thing for cells.

One way to summarize the results is to show the number and percentage of cells in each province that are associated with different incidences of poverty. Table 3.3 shows that there is great variation in these percentages in Kigali City: 48% of cells had poverty rates below 20%, while 16% had rates above 50%; this is in contrast to the Eastern Province, where just 5% of cells had very low poverty rates, and only 7% had poverty rates above 50%. Similar patterns are found in Table 3.4, which repeats this exercise, but using the 416 sectors rather than the 2,147 cells.

Table 3. 3: Distribution of Cells by Category of Poverty and by Province

Province		Very low <20%	Low 20-29.9%	"Average" 30-39.9%	Moderately high 40-49.9%	High 50-59.9%	Very high ≥60	Total
Kigali	No.	78	14	12	14	40	3	161

City								
	%	*48.4*	*8.7*	*7.5*	*8.7*	*24.8*	*1.9*	*100.0*
Southern	No.	15	97	209	148	59	4	532
	%	*2.8*	*18.2*	*39.3*	*27.8*	*11.1*	*0.8*	*100.0*
Western	No.	20	40	99	223	135	20	537
	%	*3.7*	*7.4*	*18.4*	*41.5*	*25.1*	*3.7*	*100.0*
Northern	No.	5	12	71	163	150	13	414
	%	*1.2*	*2.9*	*17.1*	*39.4*	*36.2*	*3.1*	*100.0*
Eastern	No.	24	86	133	225	34	1	503
	%	*4.8*	*17.1*	*26.4*	*44.7*	*6.8*	*0.2*	*100.0*
Rwanda	**No.**	**142**	**249**	**524**	**773**	**418**	**41**	**2147**
	%	***6.6***	***11.6***	***24.4***	***36.0***	***19.5***	***1.9***	***100.0***

Table 3. 4: Distribution of Sectors by Category of Poverty and by Province

Province		Very low <20%	Low 20-29.9%	"Average" 30-39.9%	Moderately high 40-49.9%	High 50-59.9%	Very high ≥60	Total
Kigali City	No.	22	0	6	4	3	0	35
	%	*62.9*	*0.0*	*17.1*	*11.4*	*8.6*	*0.0*	*100.0*
Southern	No.	3	19	40	28	11	0	101
	%	*3.0*	*18.8*	*39.6*	*27.7*	*10.9*	*0.0*	*100.0*
Western	No.	2	3	24	40	25	2	96
	%	*2.1*	*3.1*	*25.0*	*41.7*	*26.0*	*2.1*	*100.0*
Northern	No.	1	1	18	31	38	0	89
	%	*1.1*	*1.1*	*20.2*	*34.8*	*42.7*	*0.0*	*100.0*
Eastern	No.	2	22	23	47	1	0	95
	%	*2.1*	*23.2*	*24.2*	*49.5*	*1.1*	*0.0*	*100.0*
Rwanda	**No.**	**30**	**45**	**111**	**150**	**78**	**2**	**416**
	%	***7.2***	***10.8***	***26.7***	***36.1***	***18.8***	***0.5%***	***100.0***

3.5 Mapping the Data

The final step is to map the data in a visually compelling way. In the maps that follow, national parks are shown in dark green, and lakes in blue. We distinguish six levels of poverty intensity, as follows:

Table 3. 5: Mapping the data in a visually compelling way

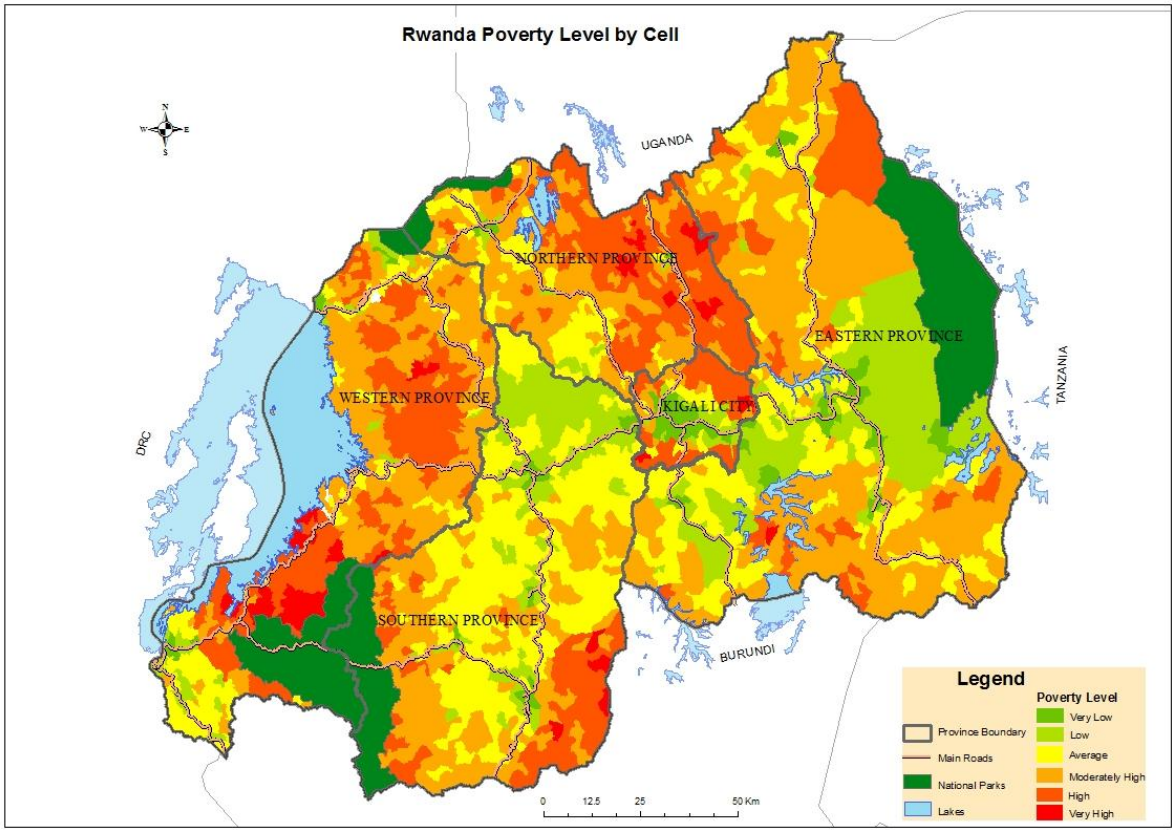
Poverty is:	Poverty rate	Map colour	% of cells	% of sectors
Very low	Under 20%	Green	6.6	7.2
Low	20 – 29.9%	Light green	11.6	10.8
"Average"	30 – 39.9%	Yellow	24.4	26.7
Moderately high	40 – 49.9%	Orange	36.0	36.1
High	50 – 59.9%	Light red	19.5	18.8
Very high	60% or higher	Dark red	1.9	0.5

As one moves from green through yellow to orange and dark red, the poverty rate in the area is higher. The average poverty rate in 2013/14 was 39.1%, based on the EICV4 data; just 7% of cells or sectors had poverty rates below 20%, while about one in five areas had poverty rates of at least 50%.

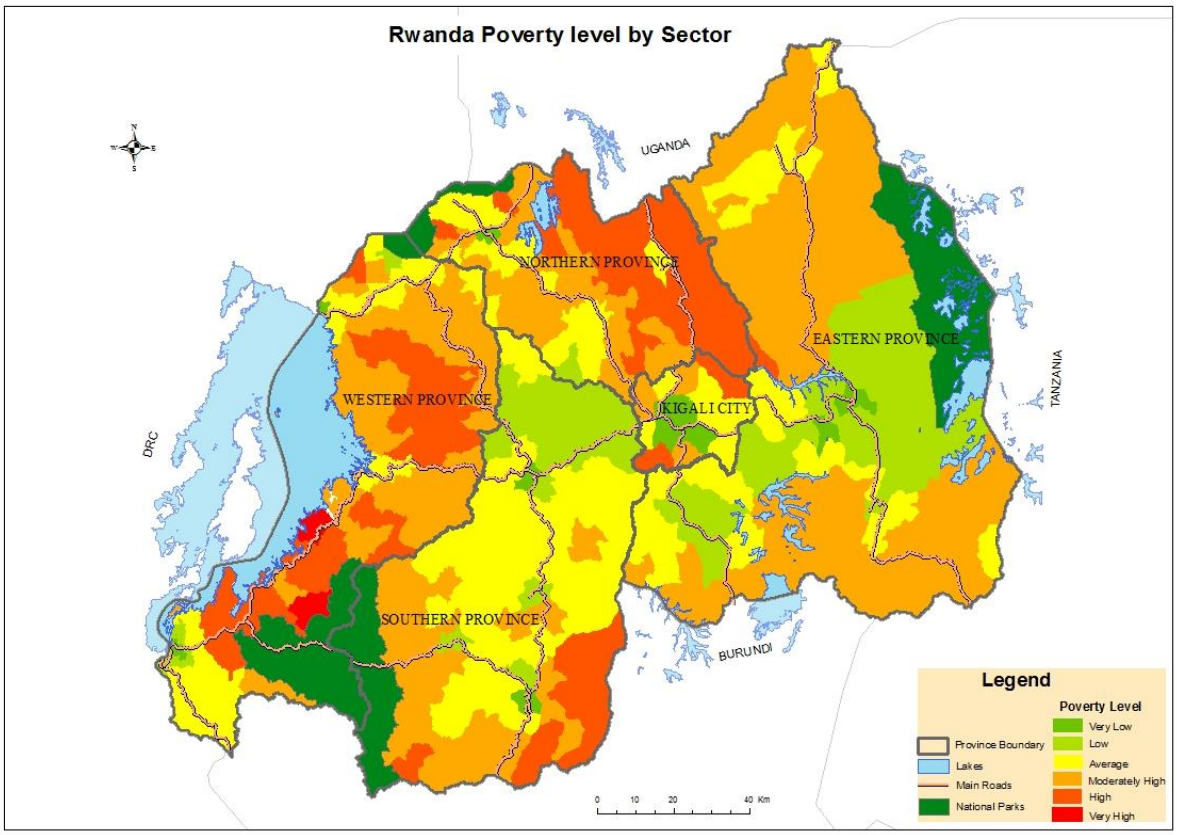
The maps shown in Maps 3.1 and 3.2 show the poverty rates across the whole country, first based on cells, and then based on sectors. The pattern is the same in each case, although it is more fine-grained in the first (cell-based) map: there is an axis of less-poor areas extending east and west of Kigali, with a great arc of high-poverty areas in the more distant north, west, and part of the south.

The subsequent maps provide detailed poverty maps for each of the five provinces, first at the level of each cell (Maps 3.3 through 3.7), and then at the sectoral level (Maps 3.8 through 3.12). One of the more obvious patterns to emerge from these maps is the comparatively low incidence of poverty in larger towns, and along the main roads.

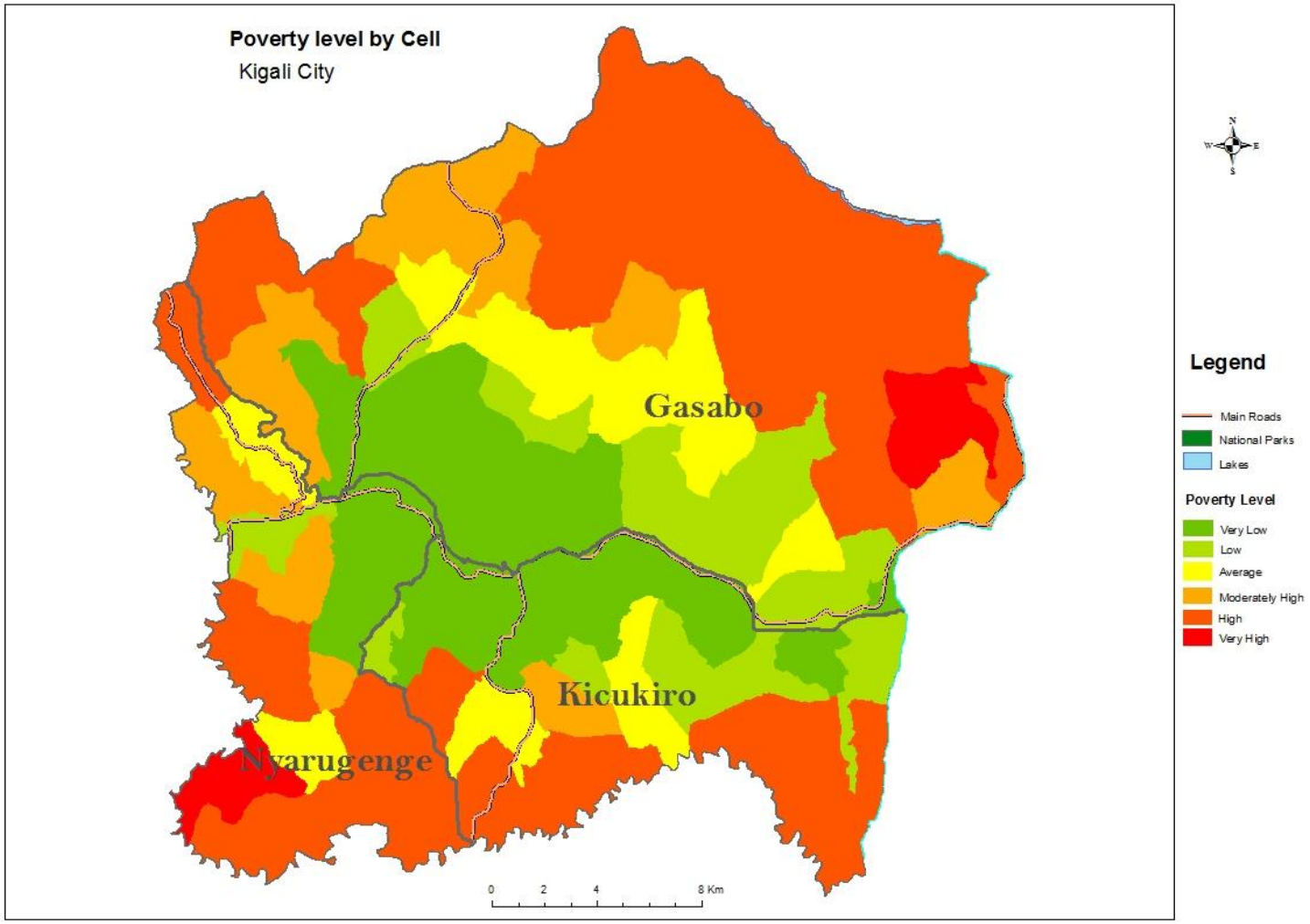
Map 3. 1: Poverty Level in Rwanda by cell



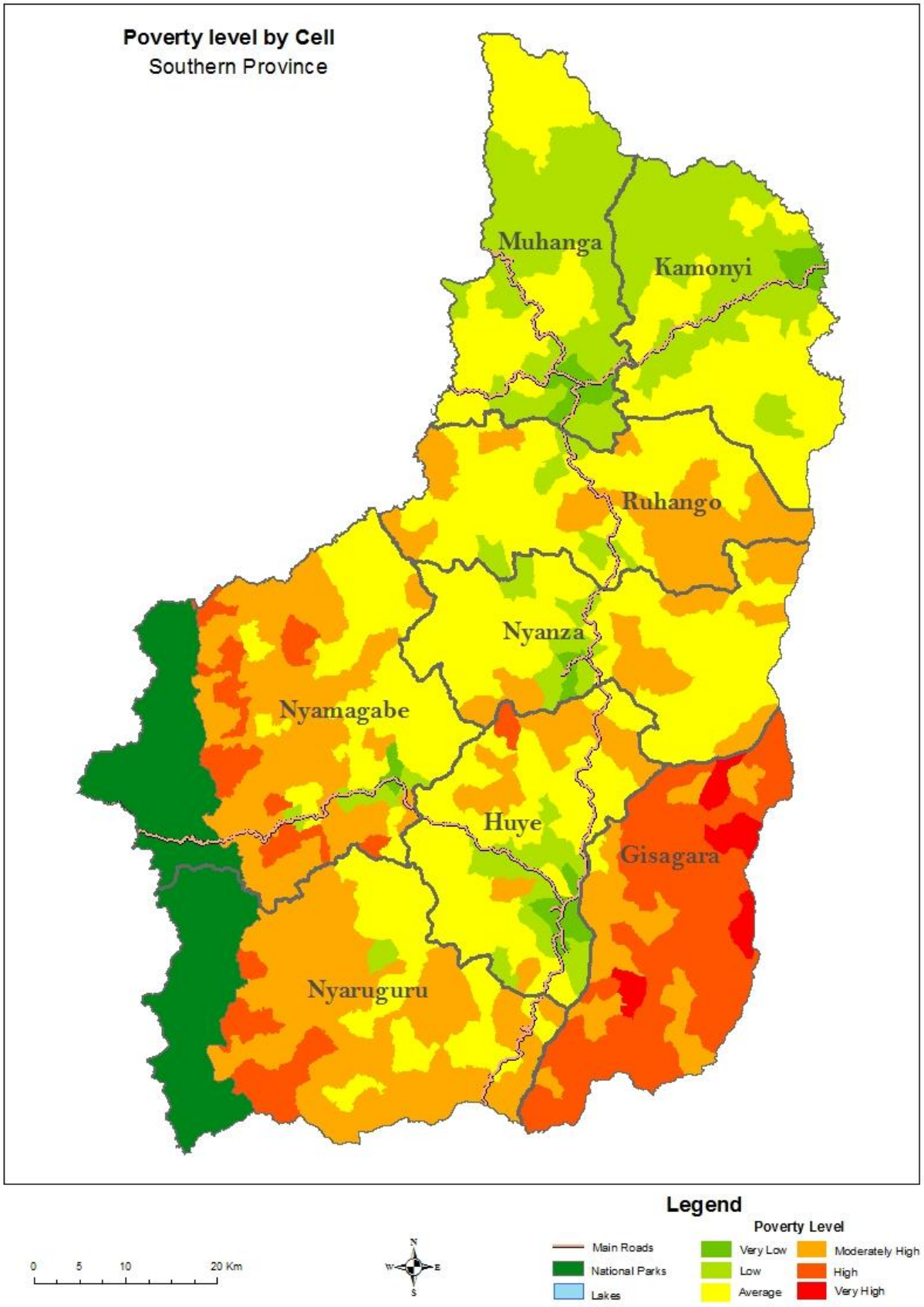
Map 3. 2: Poverty Level in Rwanda by Sector



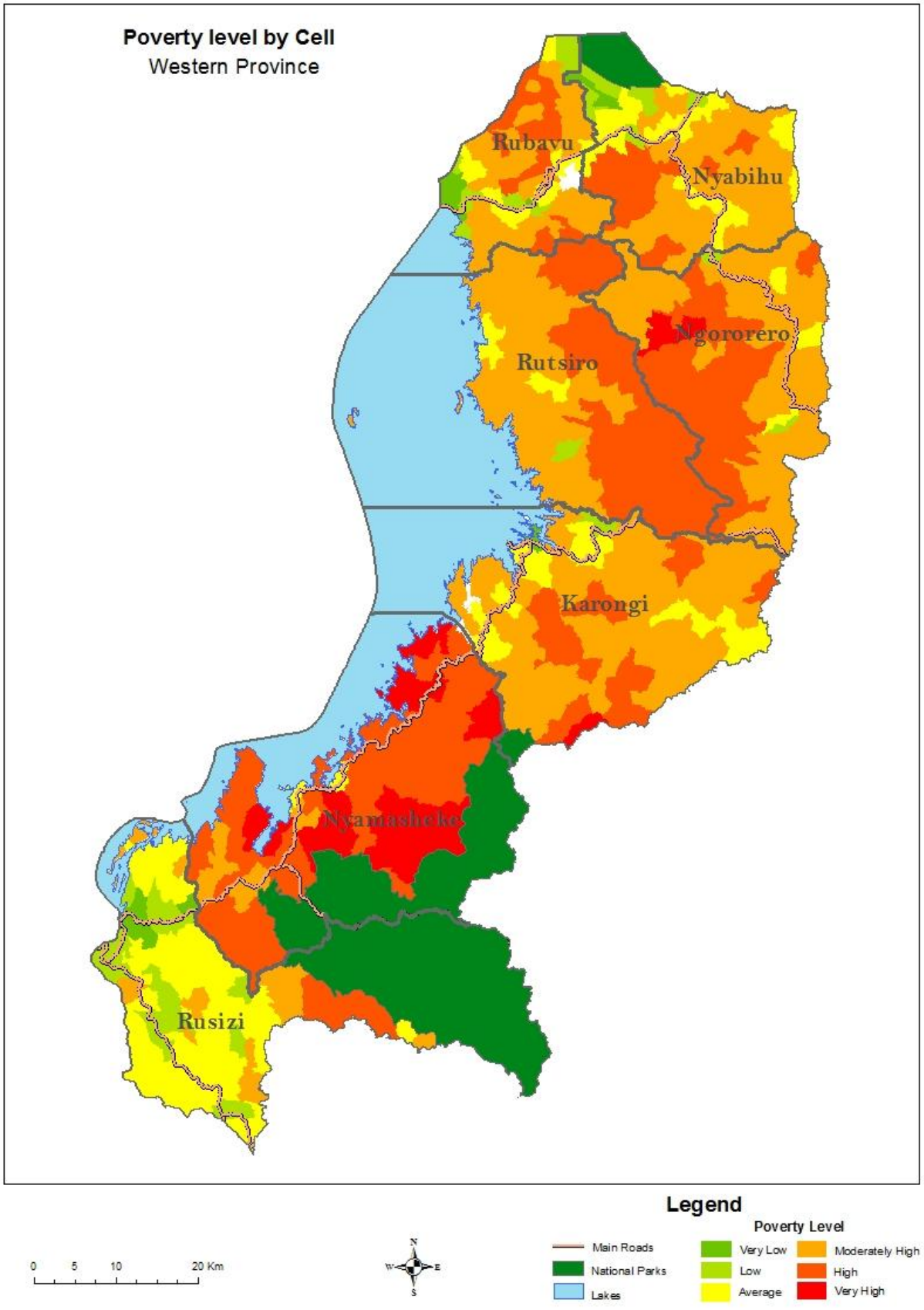
Map 3. 3: Poverty Level in Kigali City by Cell



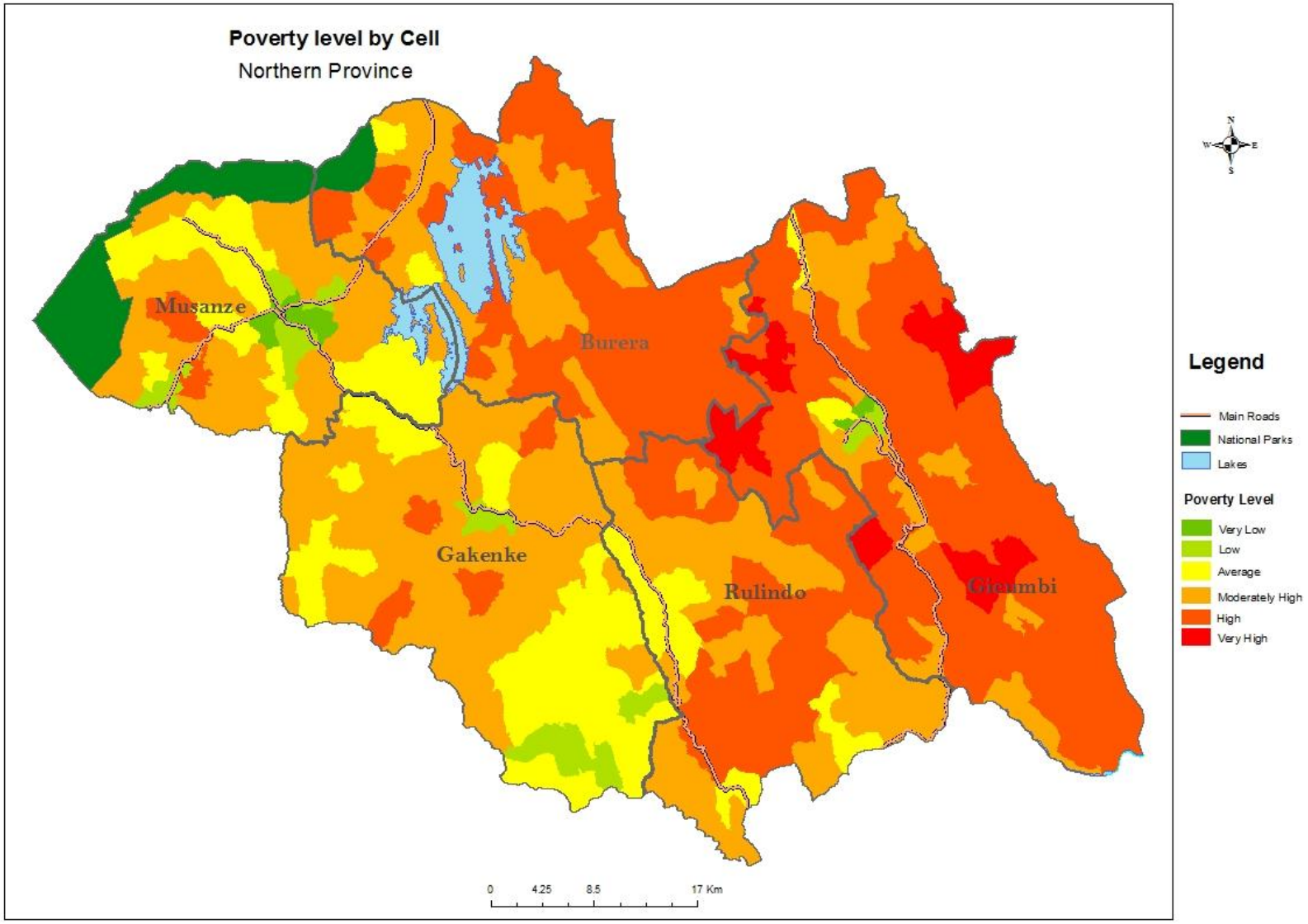
Map 3. 4: Poverty Level in Southern Province by Cell



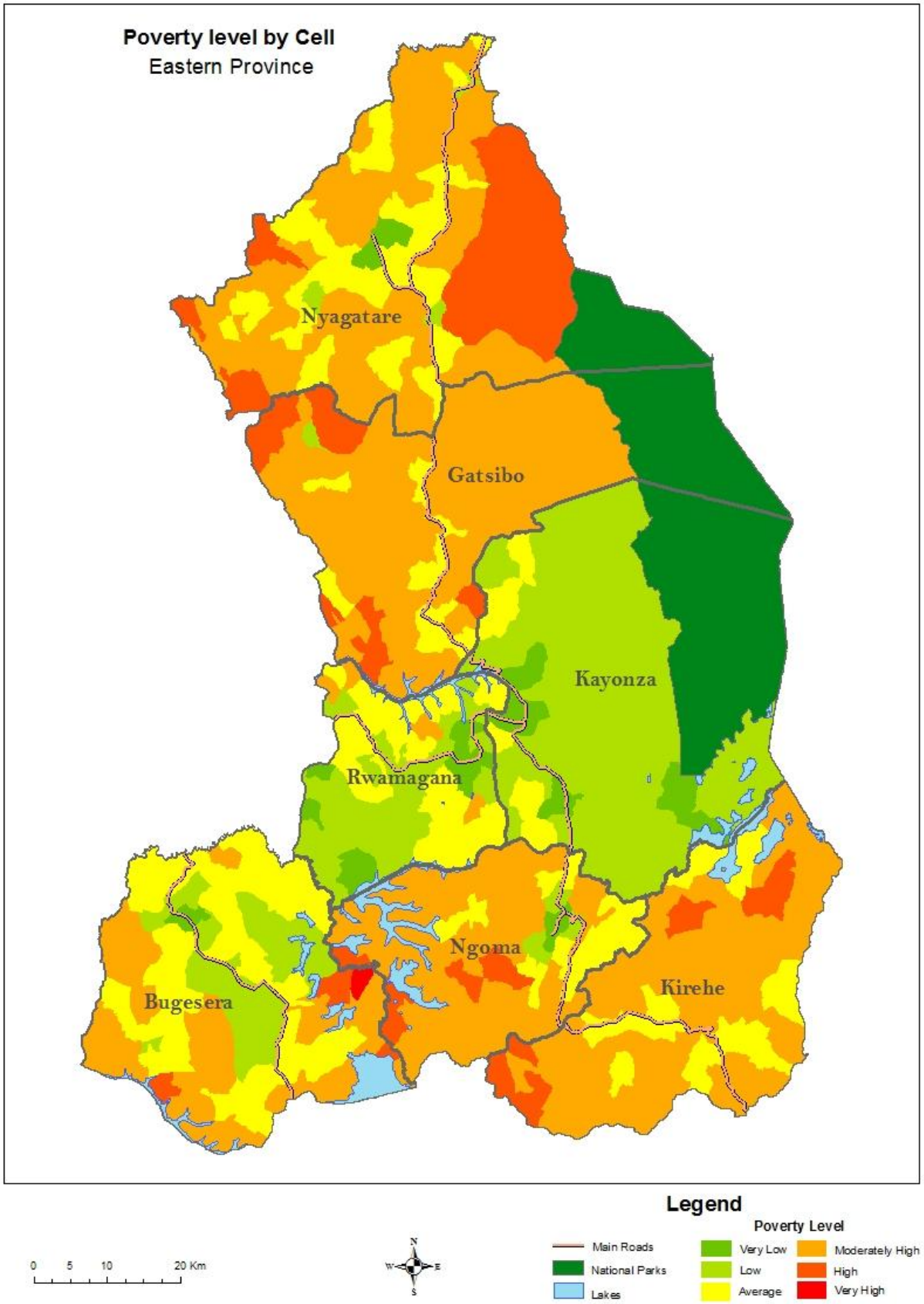
Map 3. 5: Poverty Level in Western Province by Cell



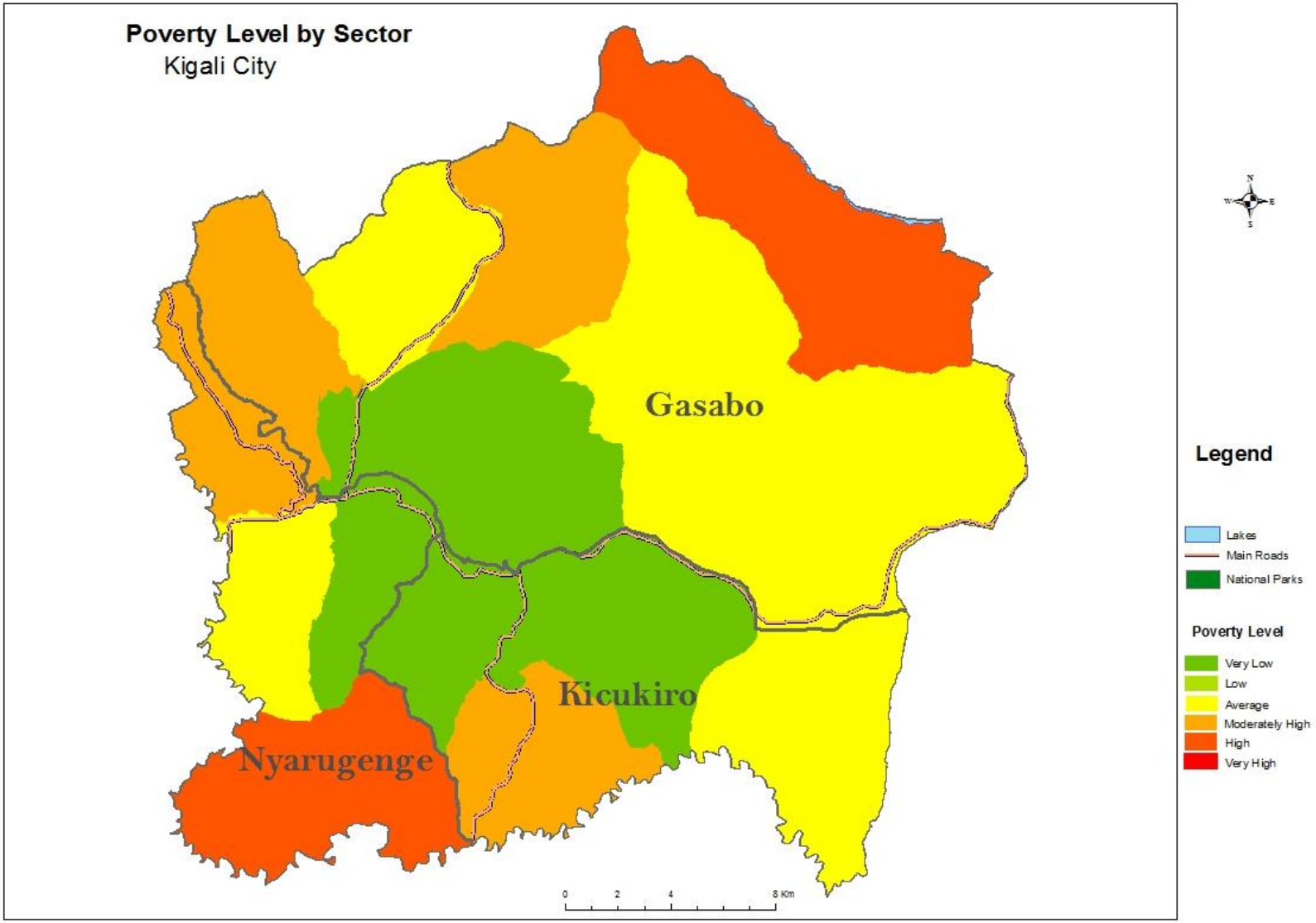
Map 3. 6: Poverty Level in Northern Province by Cell

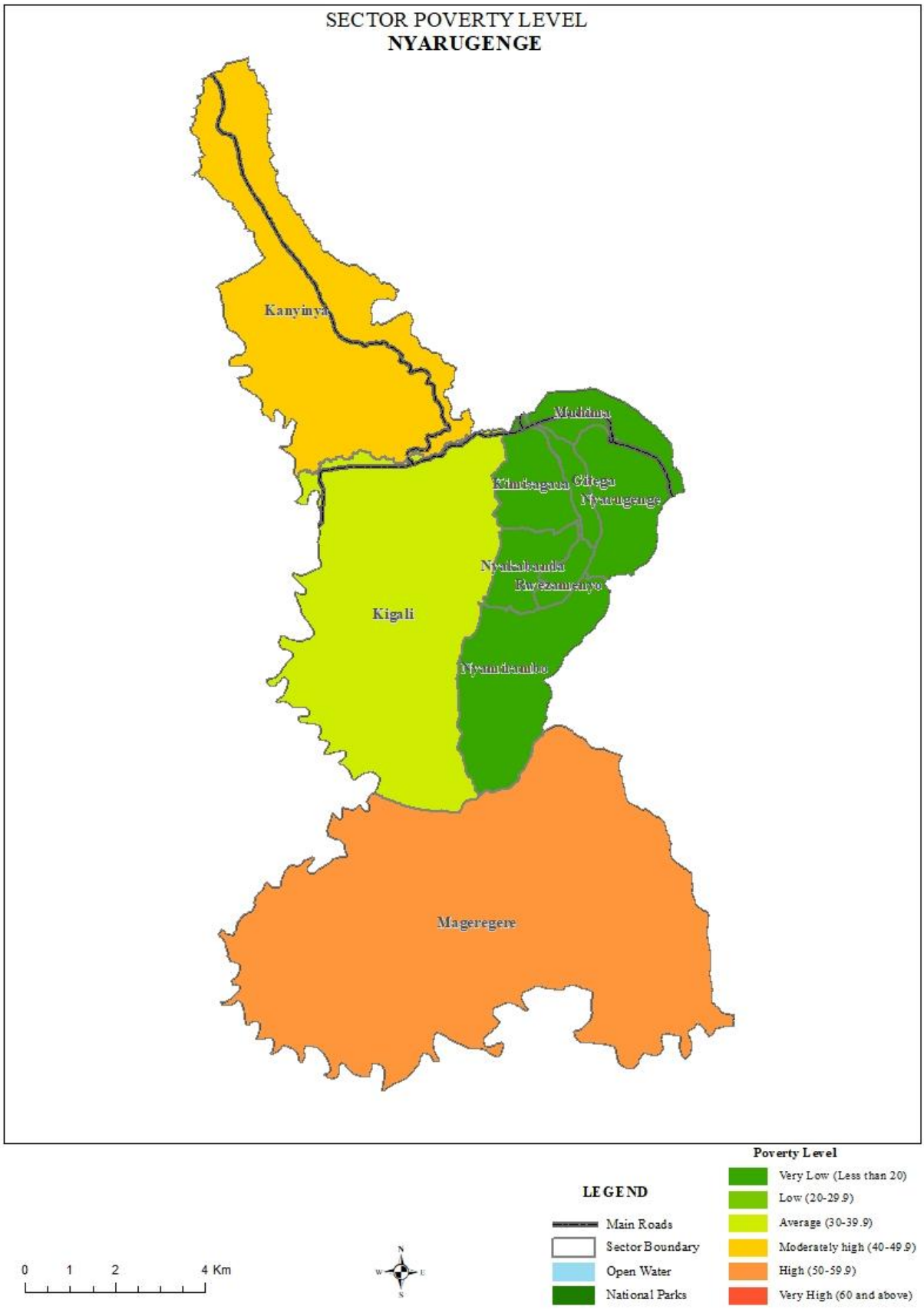


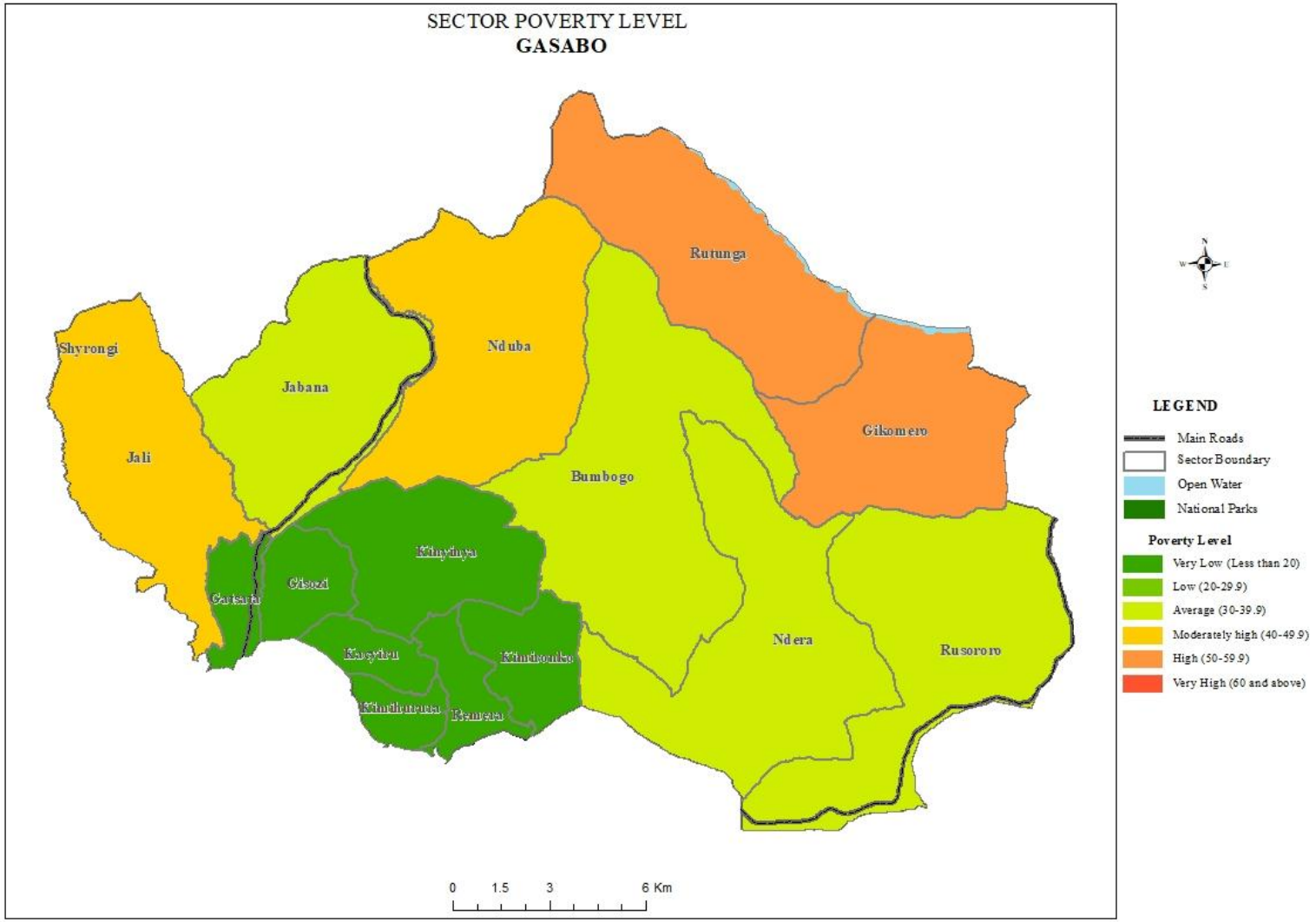
Map 3. 7: Poverty Level in Eastern Province by Cell

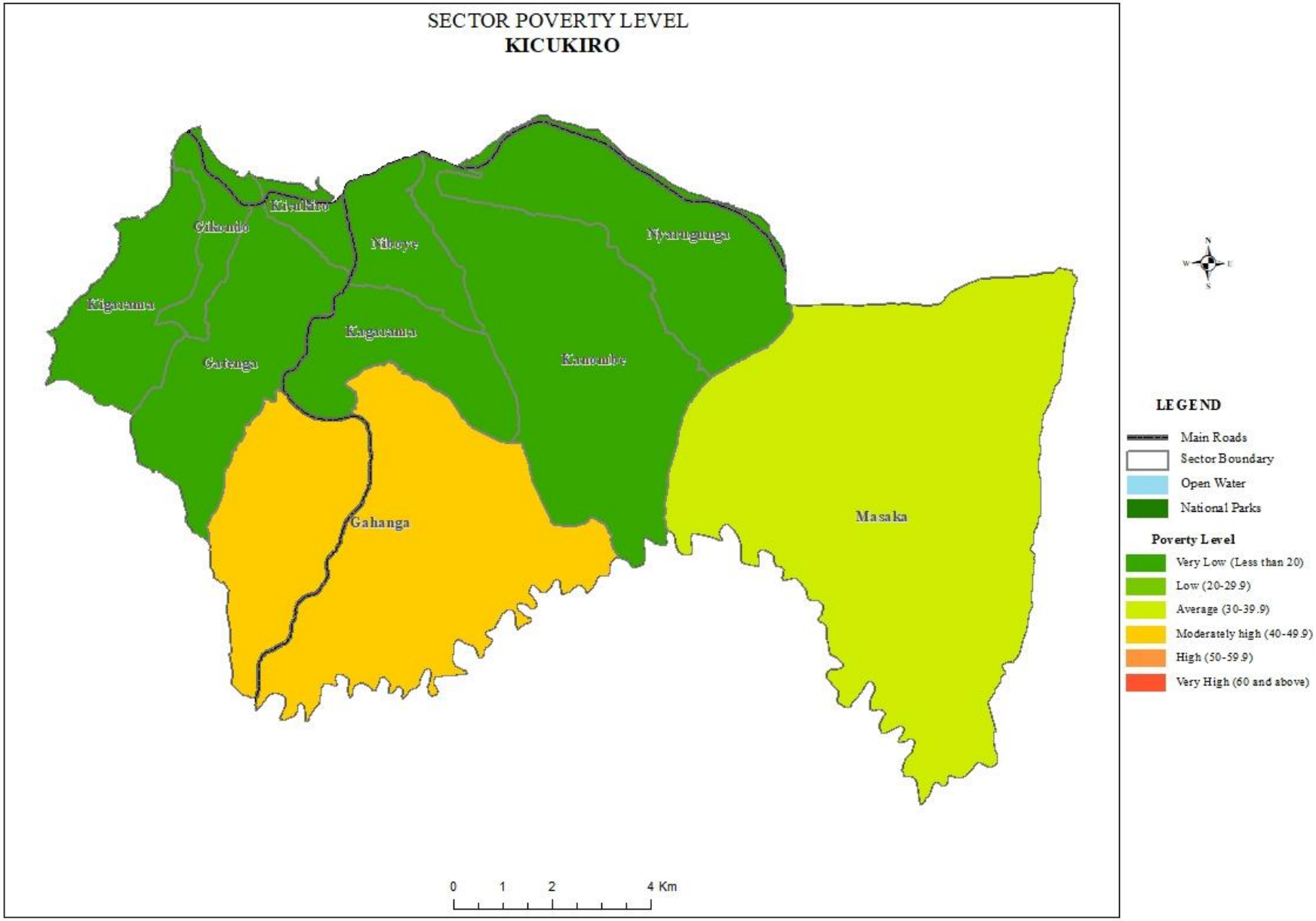


Map 3. 8: Poverty Level in Kigali City by Sector

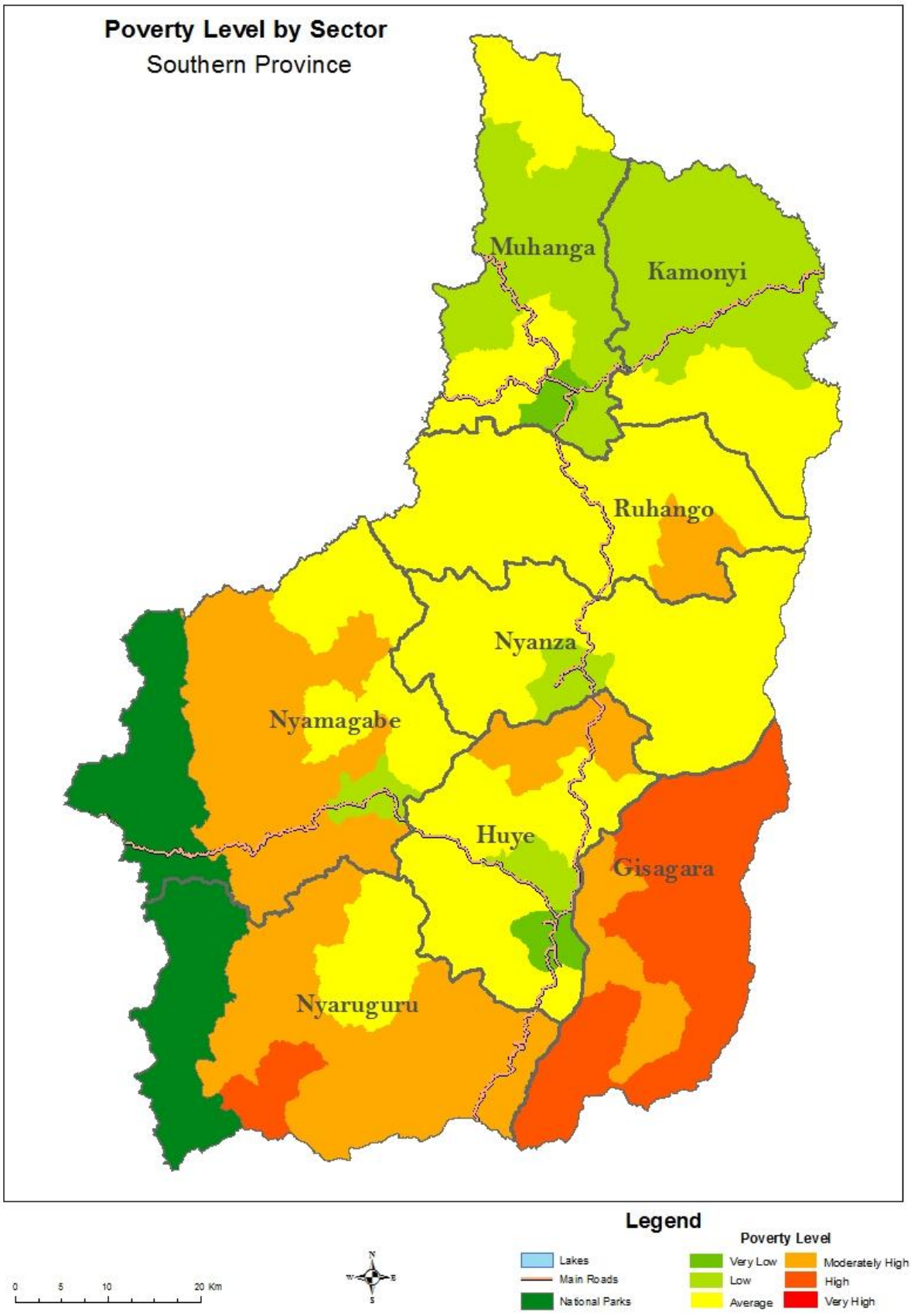


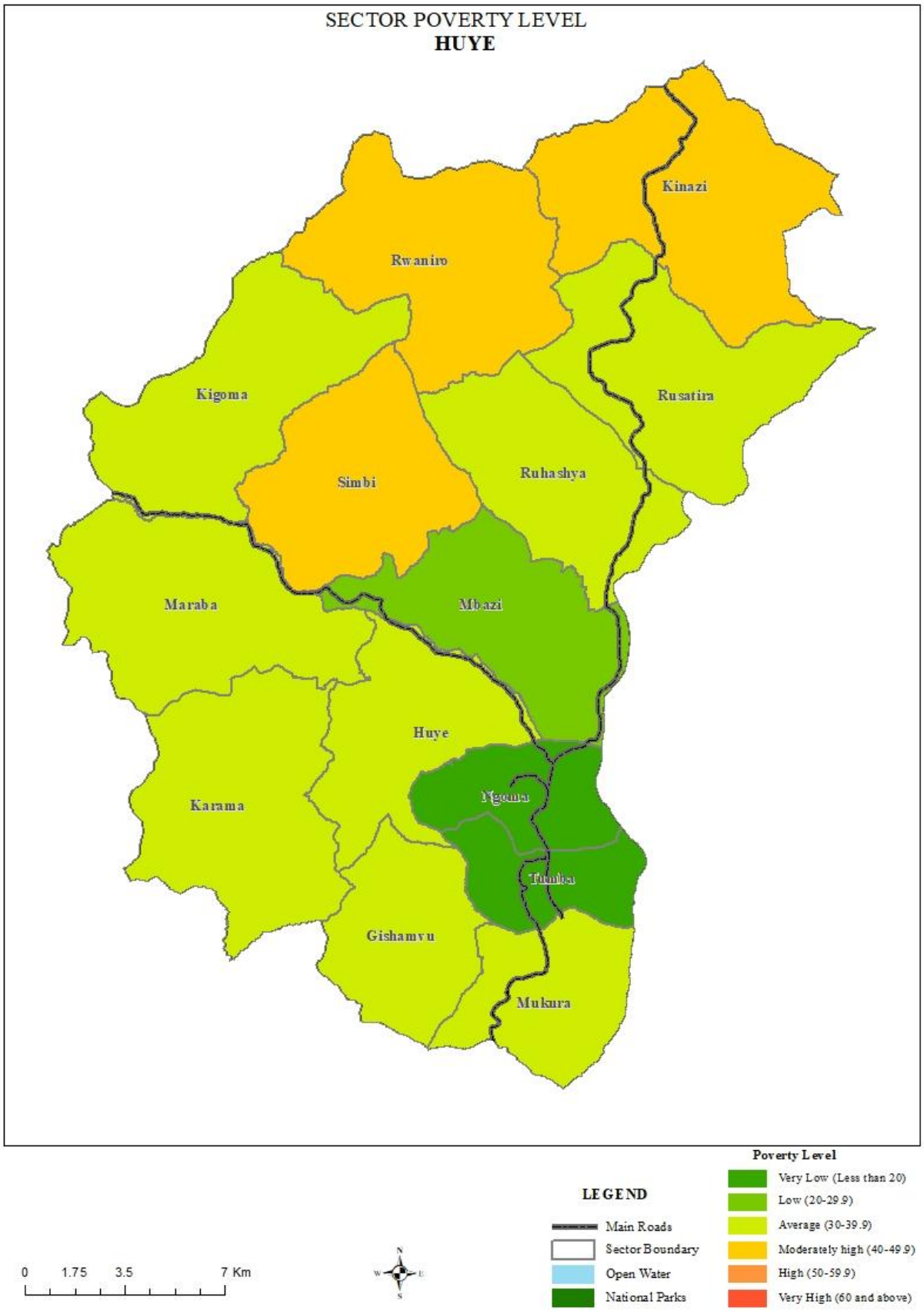

SECTOR POVERTY LEVEL
NYARUGENGE
Kanyinya
Muhima
Kimisagara
Cyega
Nyarugenge
Nyakabanda
Rwezamenyo
Kigali
Nyamirambo
Mageregere
0 1 2 4 Km
N
W
E
S
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

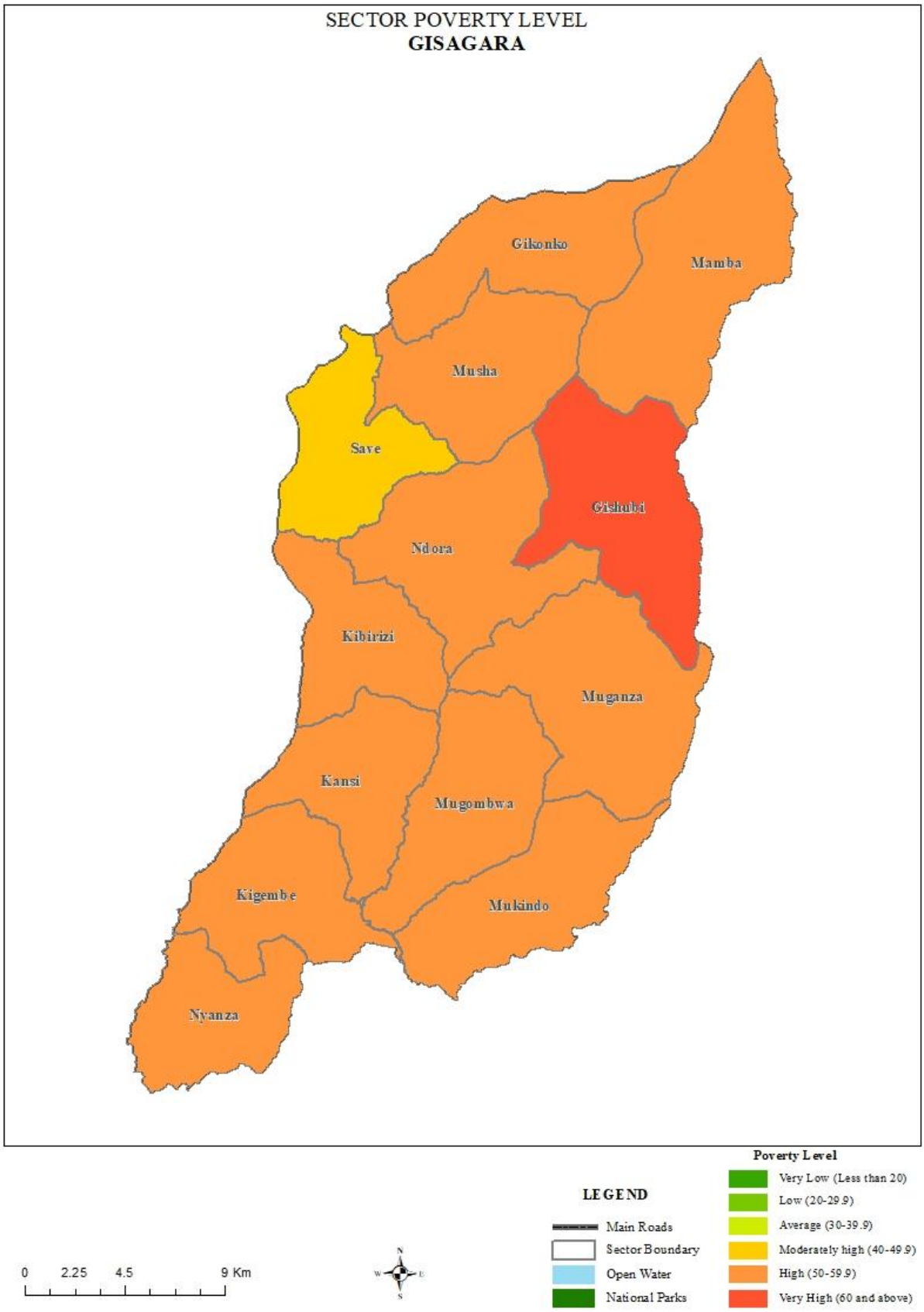

SECTOR POVERTY LEVEL
GASABO
Rutunga
Nduba
Shyrongi
Jabana
Jali
Gikomero
Bumbogo
Kinyinya
Gisozi
Gatsata
Kacyiru
Kimihurura
Kimironko
Remera
Ndera
Rusororo
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)
0 1.5 3 6 Km

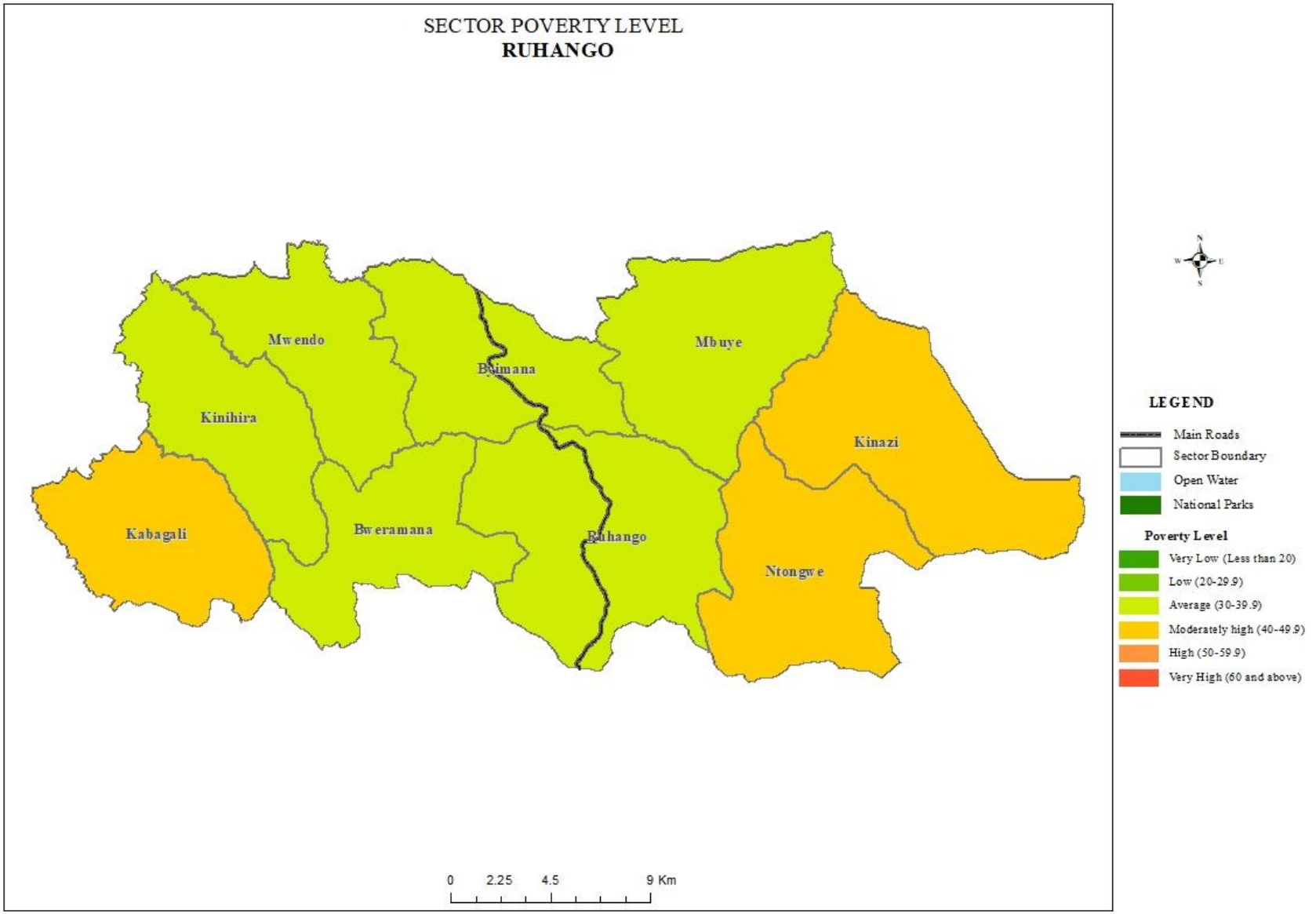

SECTOR POVERTY LEVEL
KICUKIRO
Kicukiro
Gikondo
Niboye
Nyarugunga
Kigarama
Kagarama
Gatenga
Kanombe
Gahanga
Masaka
N
W
E
S
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)
0
1
2
4 Km

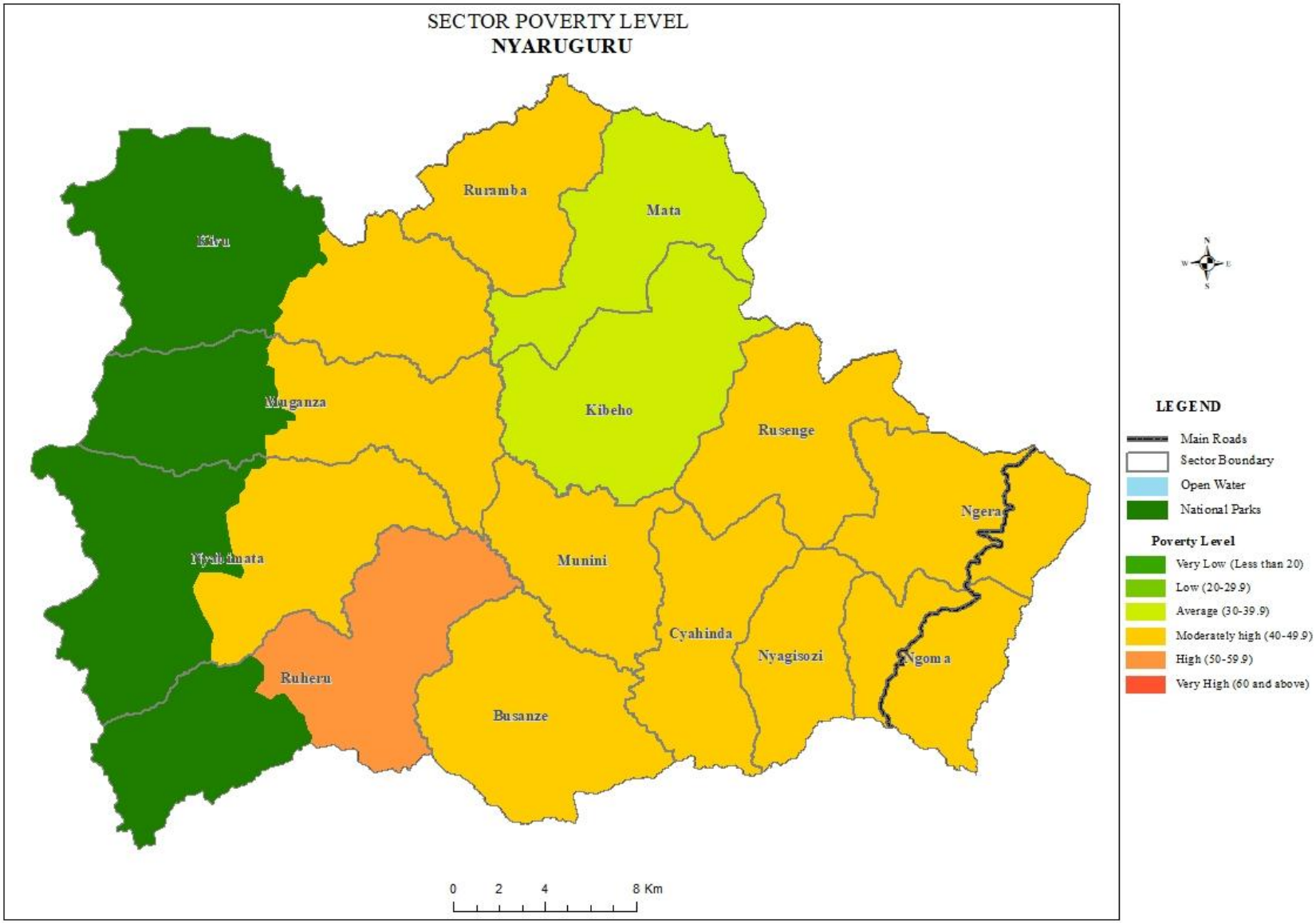
Map 3. 9: Poverty Level in Southern Province by Sector

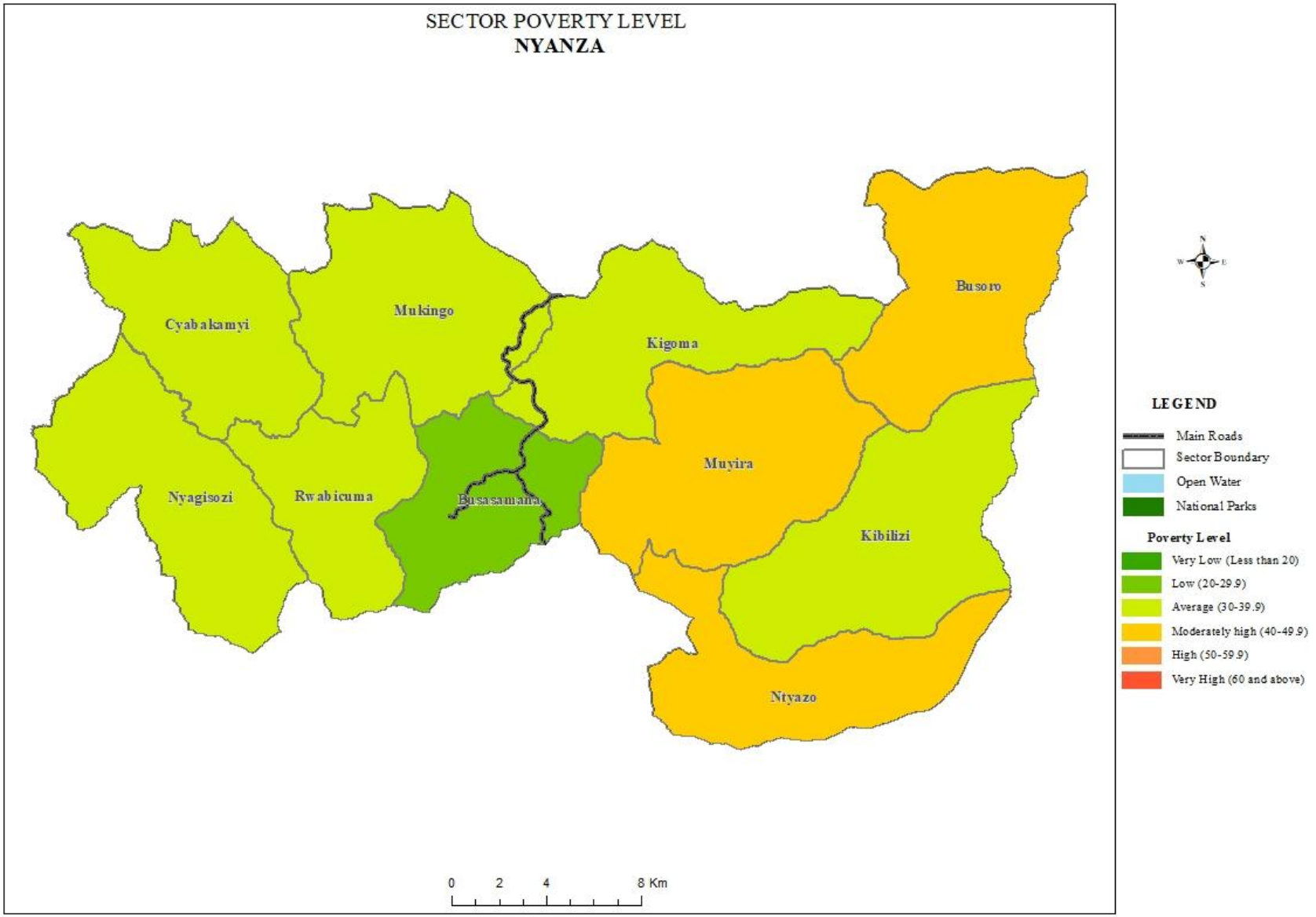


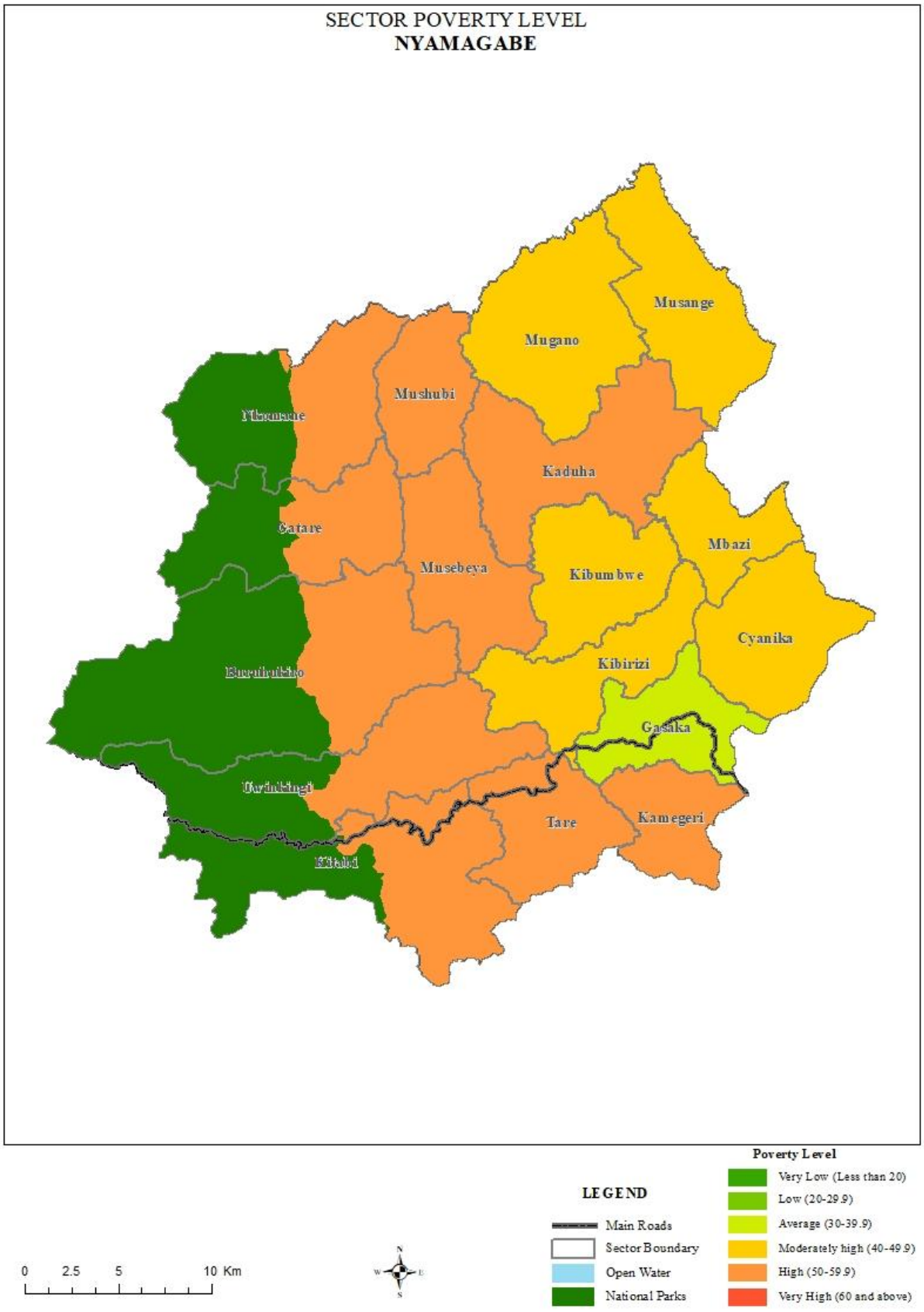

SECTOR POVERTY LEVEL
HUYE
Kinazi
Rwaniro
Kigoma
Rusatira
Simbi
Ruhashya
Maraba
Mbazi
Huye
Karama
Ngoma
Tumba
Gishamvu
Mukura
0 1.75 3.5 7 Km
N
W
E
S
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

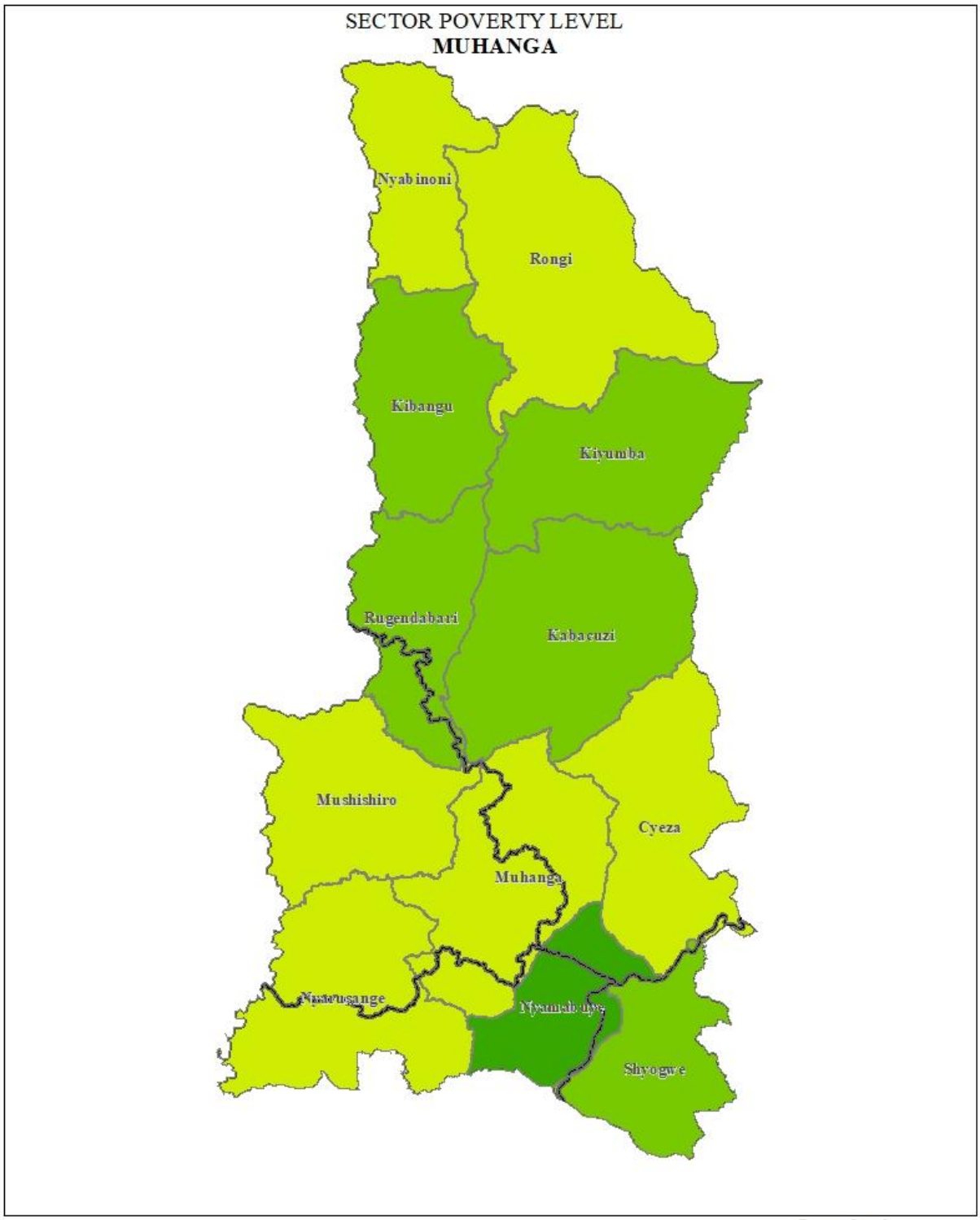

SECTOR POVERTY LEVEL
GISAGARA
Gikonko
Mamba
Musha
Save
Gishubi
Ndora
Kibirizi
Muganza
Kansi
Mugombwa
Kigembe
Mukindo
Nyanza
0 2.25 4.5 9 Km
N
W
E
S
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

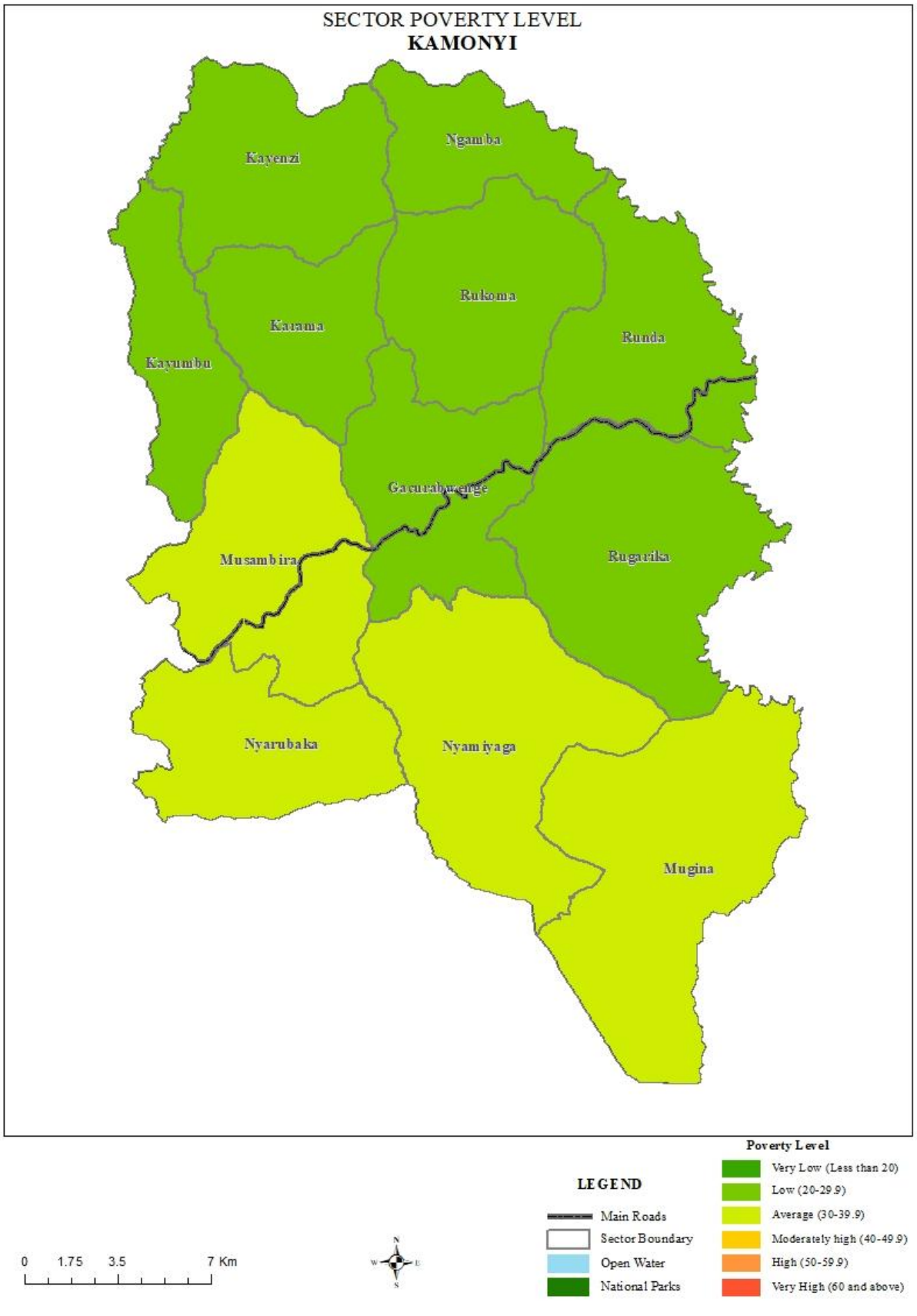

SECTOR POVERTY LEVEL
RUHANGO
Mwendo
Kinihira
Kabagali
Bweramana
Ruhango
Mbuye
Kinazi
Ntongwe
0 2.25 4.5 9 Km
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)


SECTOR POVERTY LEVEL
NYARUGURU
Kivu
Ruramba
Mata
Muganza
Kibeho
Rusenge
Ngera
Munini
Cyahinda
Nyagisozi
Ngoma
Busanze
Ruheru
0 2 4 8 Km
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

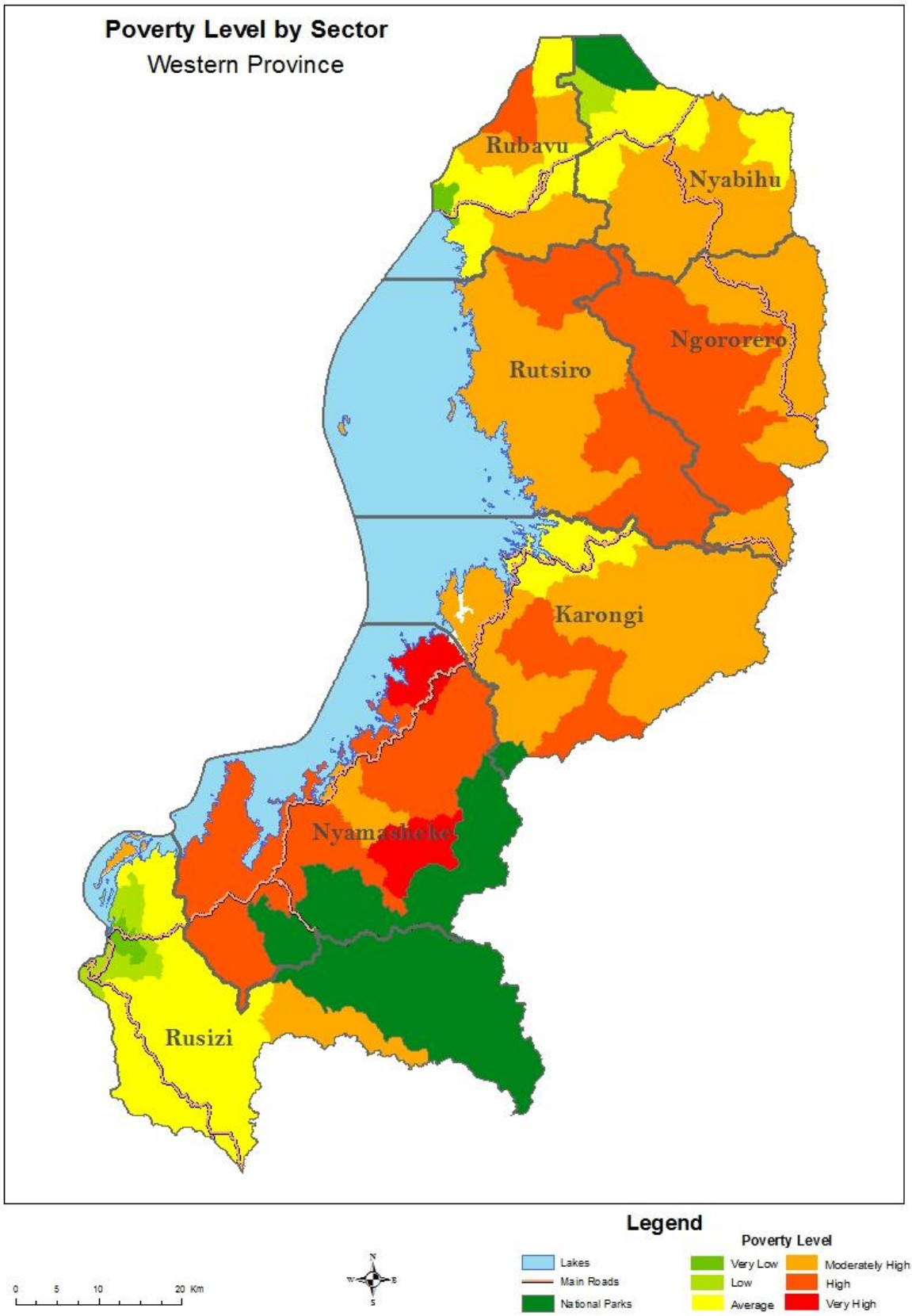

SECTOR POVERTY LEVEL
NYANZA
Cyabakamyi
Mukingo
Kigoma
Busoro
Nyagisozi
Rwabicuma
Busasamana
Muyira
Kibilizi
Ntyazo
0 2 4 8 Km
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

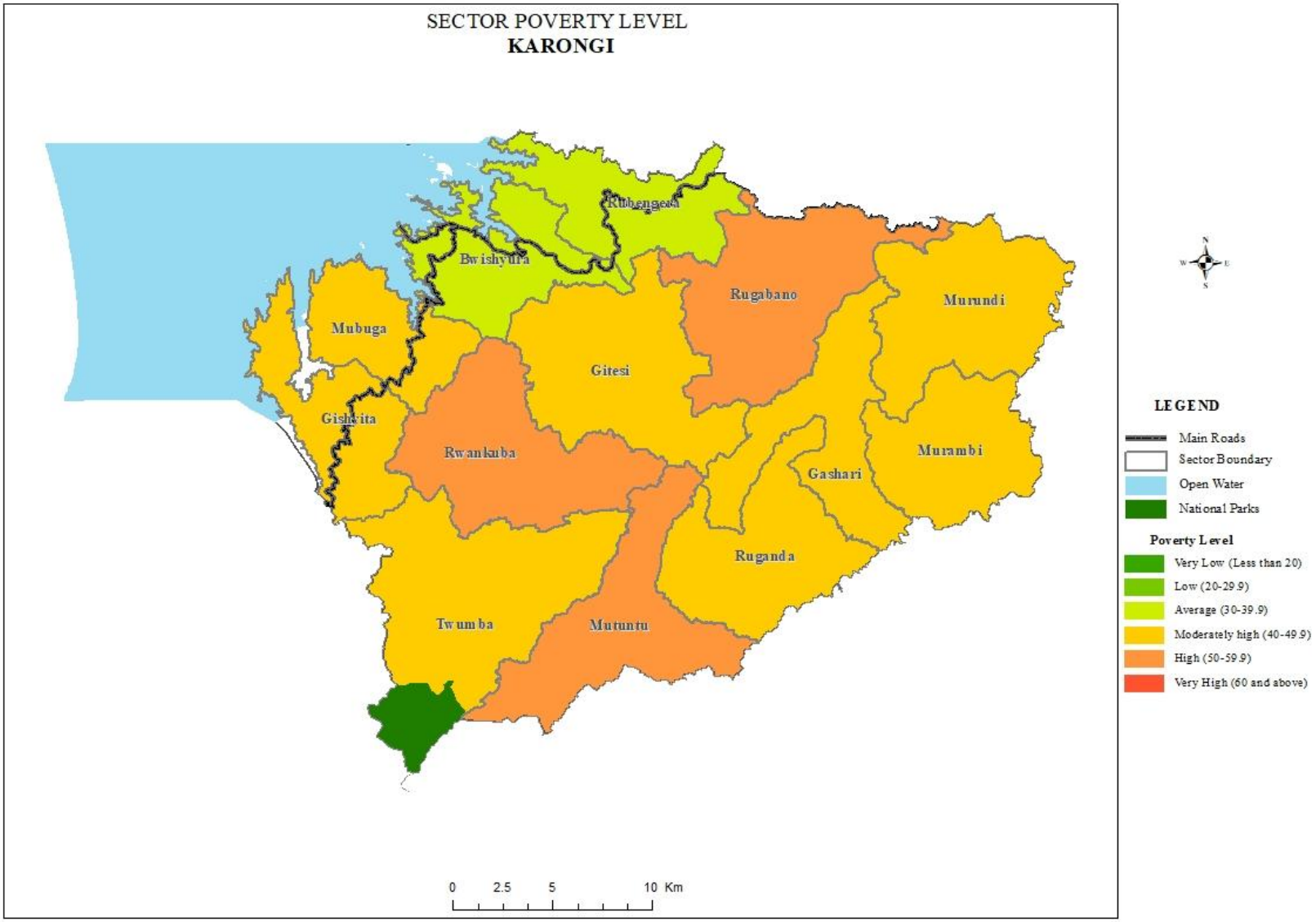

SECTOR POVERTY LEVEL
NYAMAGABE
Musange
Mugano
Mushubi
Kaduha
Gatare
Musebeya
Kibumbwe
Mbazi
Cyanika
Kibirizi
Gasaka
Tare
Kamegeri
0 2.5 5 10 Km
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

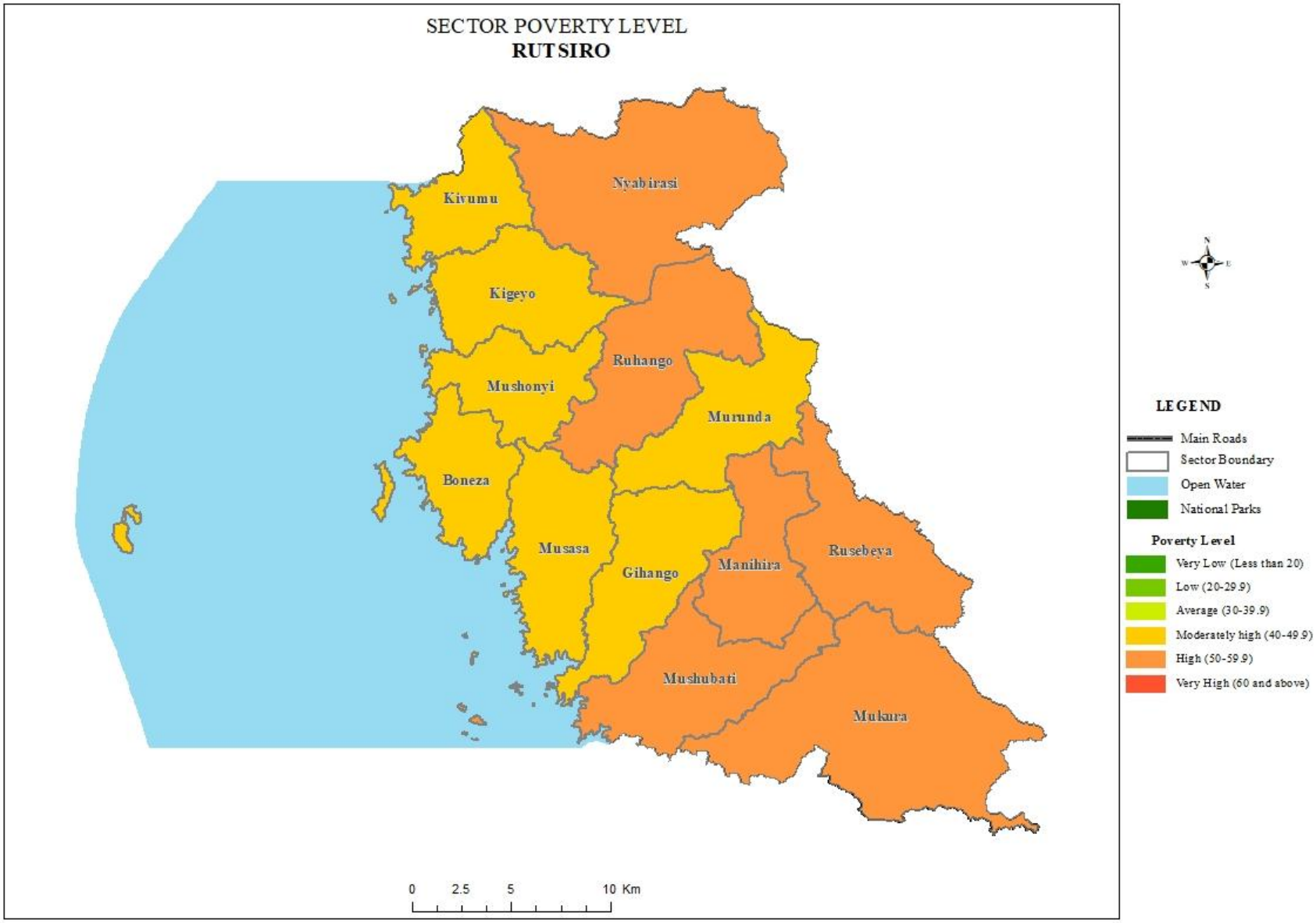

SECTOR POVERTY LEVEL
MUHANGA
Nyabinoni
Rongi
Kibangu
Kiyumba
Rugendabari
Kabacuzi
Mushishiro
Cyeza
Muhanga
Nyamabuye
Shyogwe
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)
0 2 4 8 Km
N
W
E
S

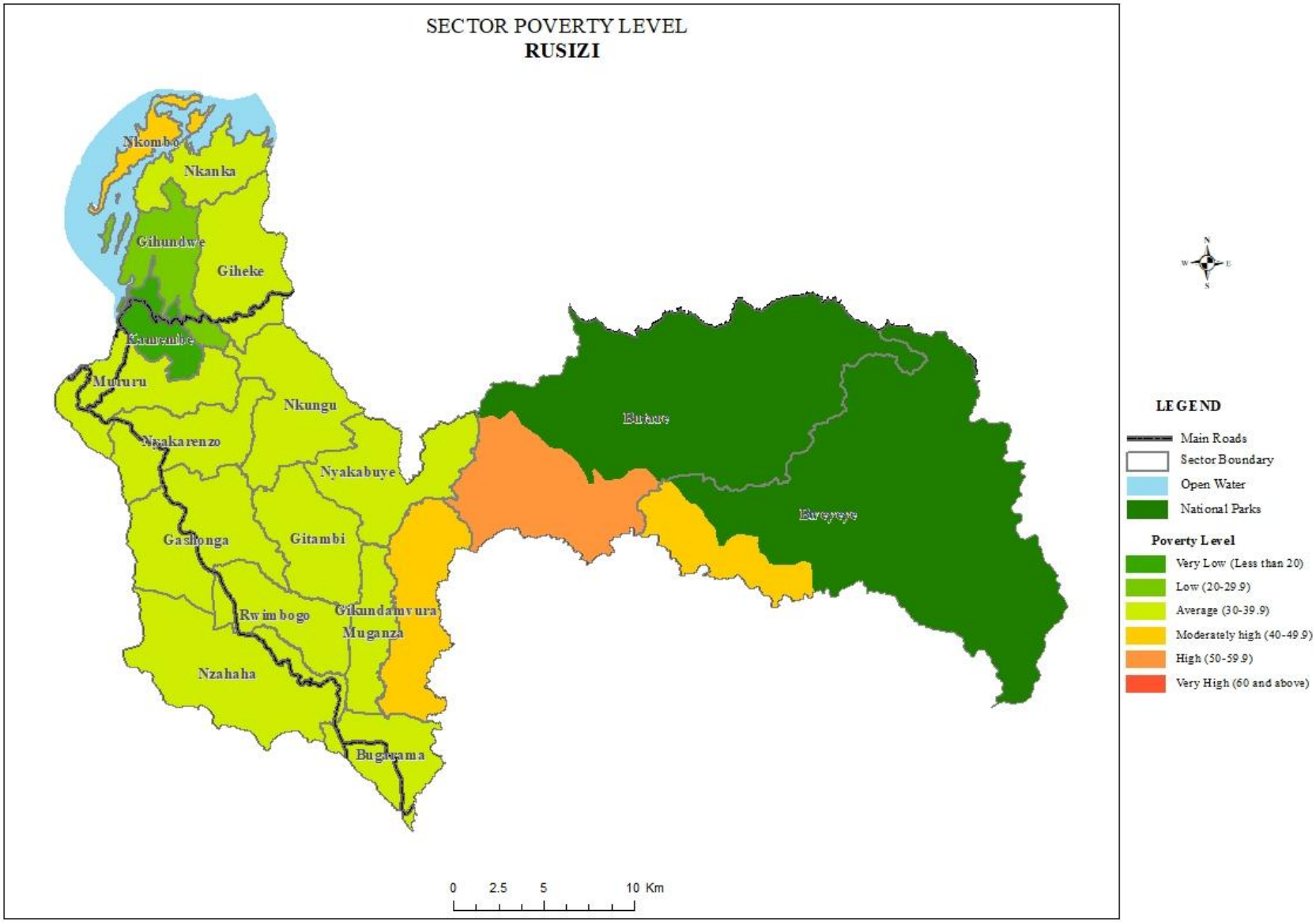

SECTOR POVERTY LEVEL
KAMONYI
Kayenzi
Ngamba
Rukoma
Karama
Kayumbu
Runda
Gacurabwenge
Musambira
Rugarika
Nyarubaka
Nyamiyaga
Mugina
0 1.75 3.5 7 Km
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

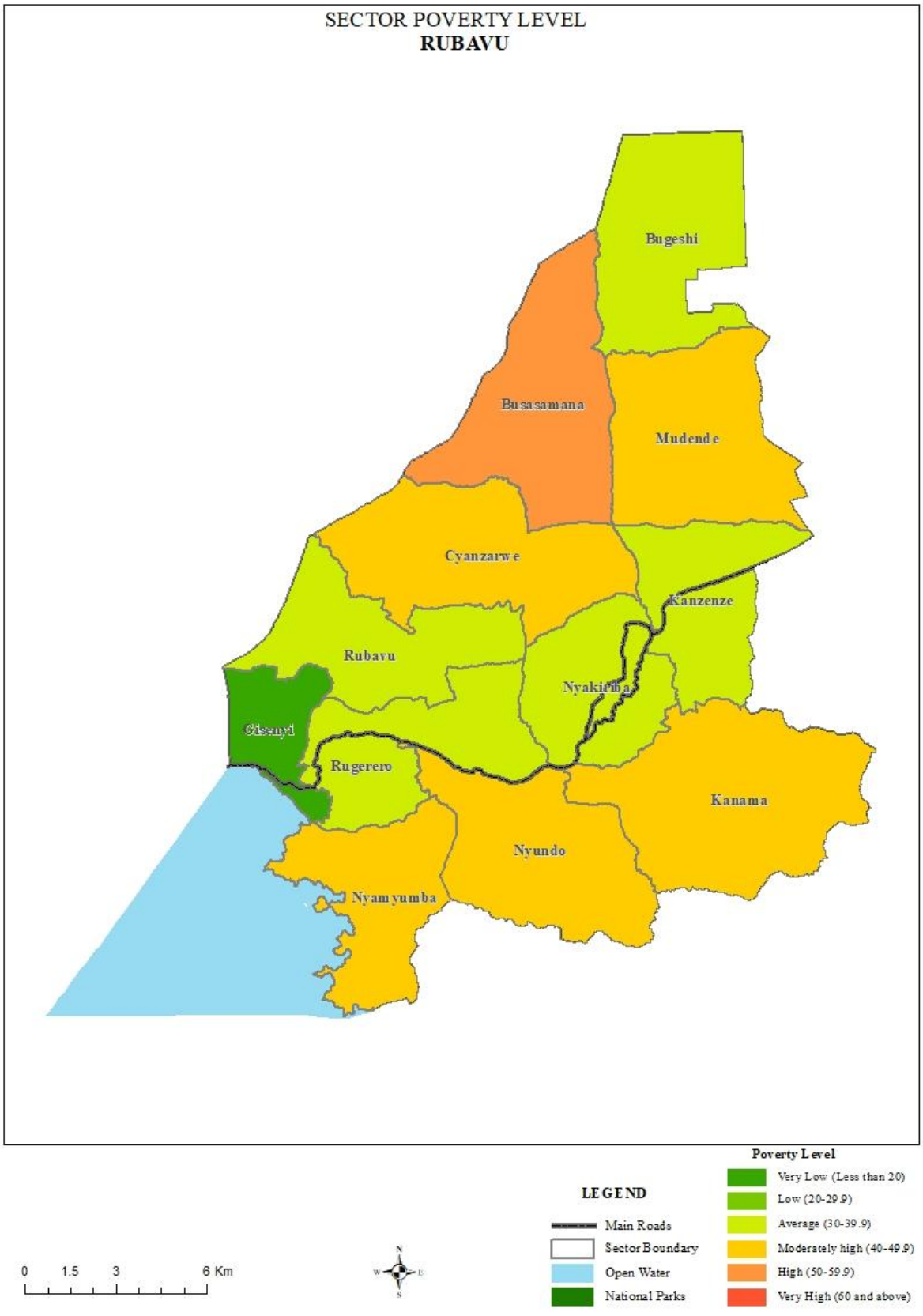
Map 3. 10: Poverty Level in Western Province by Sector

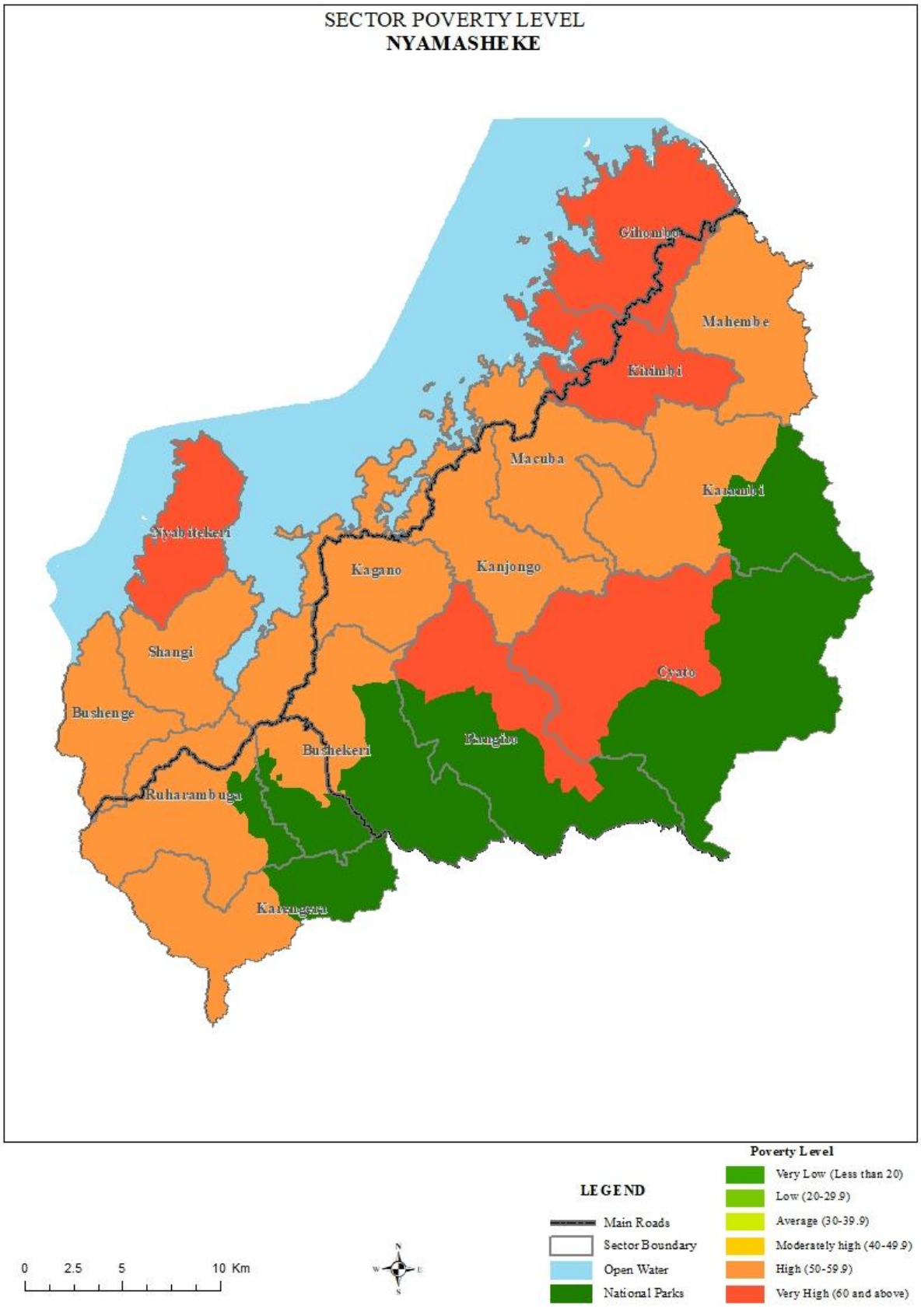


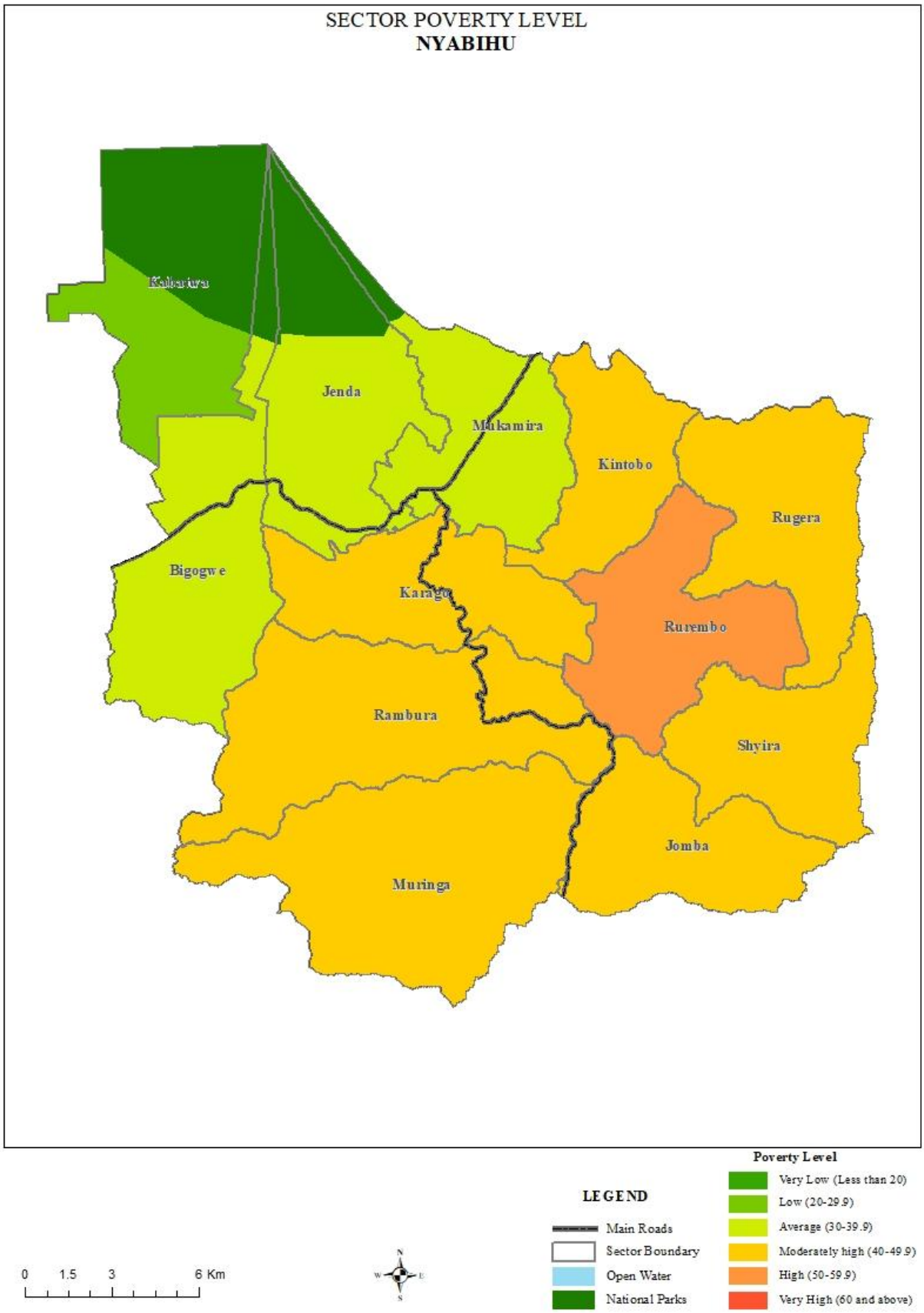

SECTOR POVERTY LEVEL
KARONGI
Rubengera
Bwishyura
Mubuga
Gishyita
Gitesi
Rugabano
Murundi
Rwankuba
Murambi
Gashari
Ruganda
Twumba
Mutuntu
0 2.5 5 10 Km
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

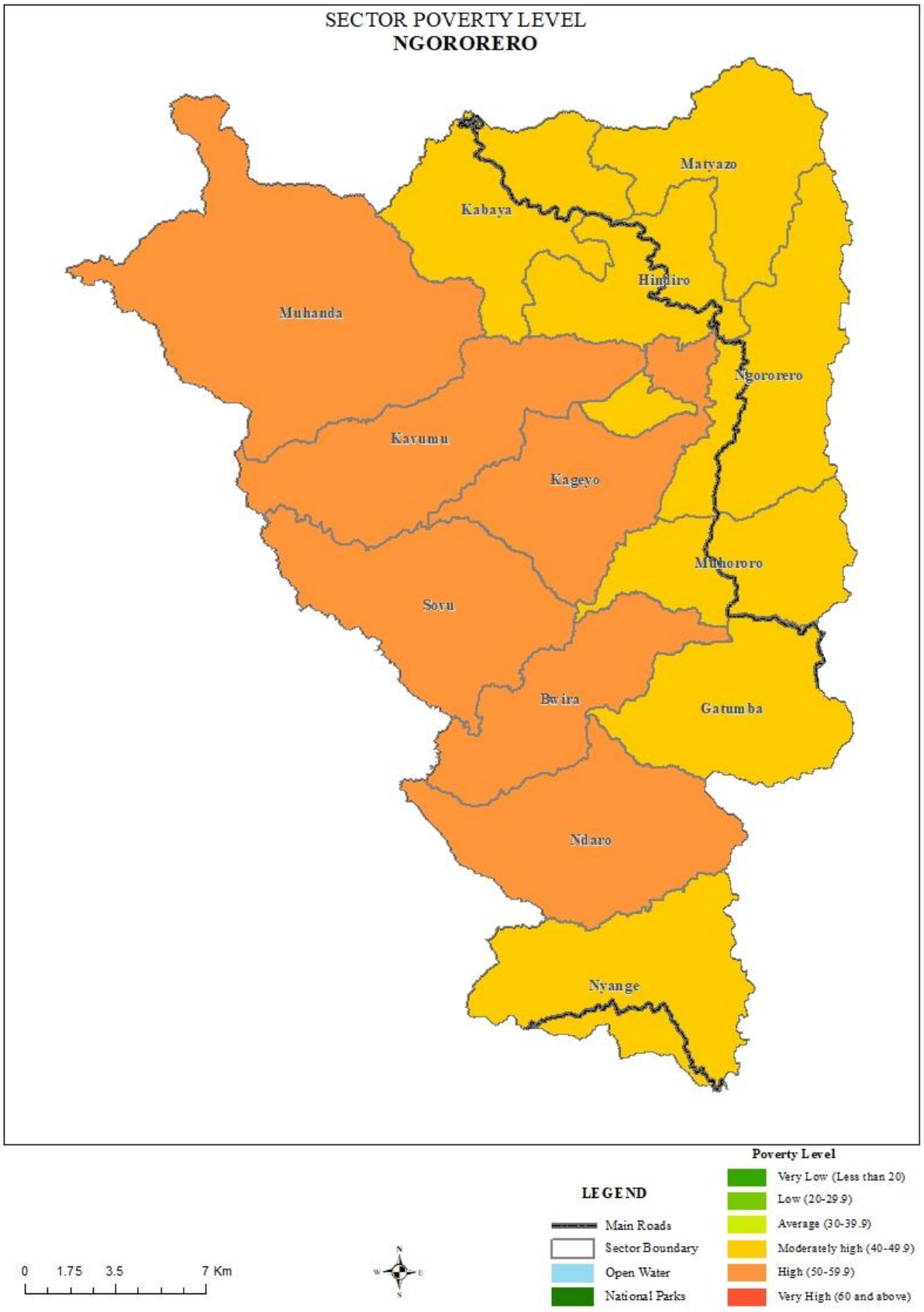

SECTOR POVERTY LEVEL
RUTSIRO
Nyabirasi
Kivumu
Kigeyo
Ruhango
Mushonyi
Murunda
Boneza
Musasa
Gihango
Manihira
Rusebeya
Mushubati
Mukura
0 2.5 5 10 Km
N
W
E
S
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)


SECTOR POVERTY LEVEL
RUSIZI
Nkombo
Nkanka
Gihundwe
Giheke
Kamembe
Mururu
Nkungu
Nyakarenzo
Nyakabuye
Gashonga
Gitambi
Rwimbogo
Gikundamvura
Muganza
Nzahaha
Bugarama
Bufare
Bweyeye
N
W
E
S
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)
0
2.5
5
10 Km

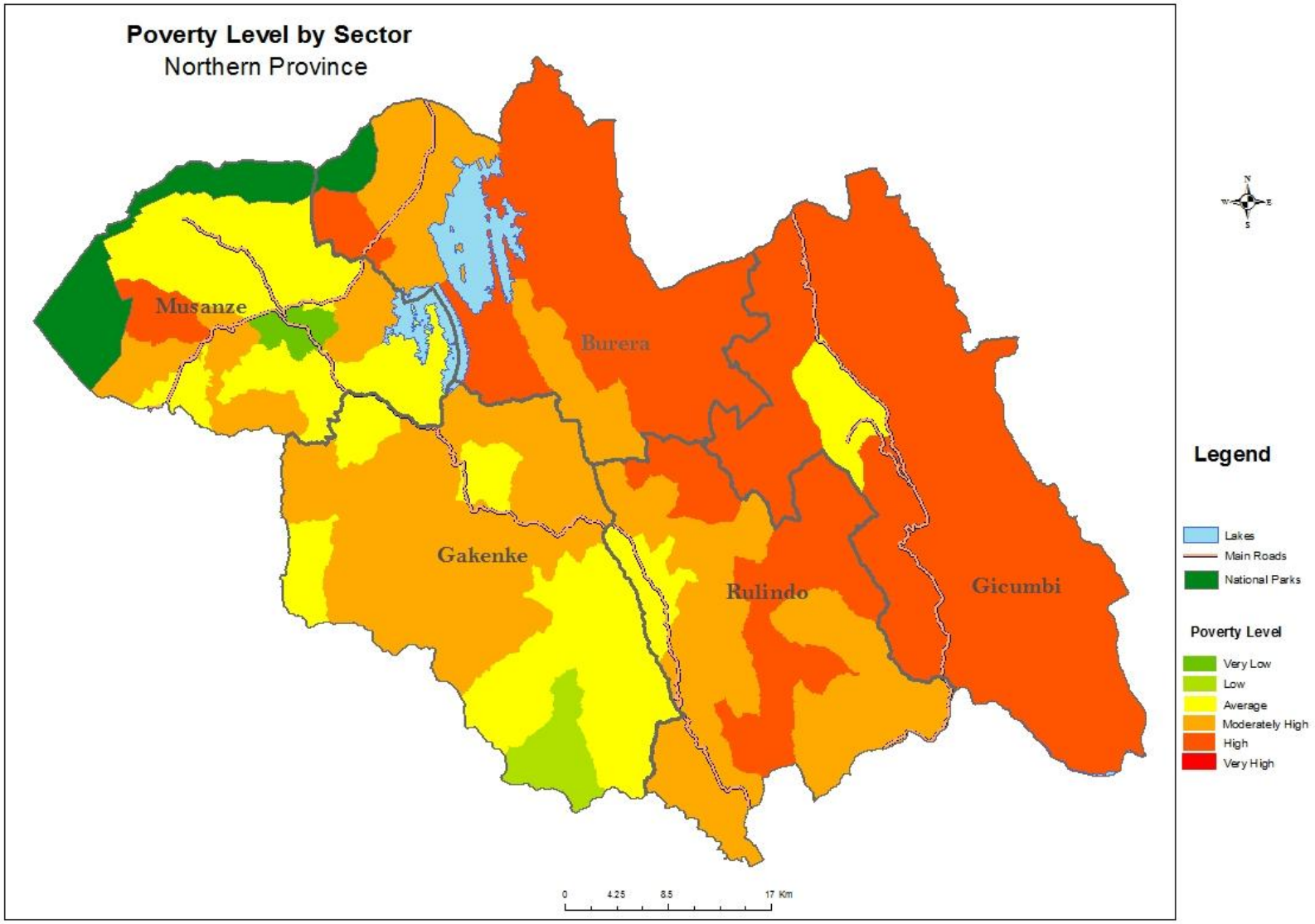

SECTOR POVERTY LEVEL
RUBAVU
Bugeshi
Busasamana
Mudende
Cyanzarwe
Kanzenze
Rubavu
Nyakiriba
Gisenyi
Rugerero
Kanama
Nyundo
Nyamyumba
0 1.5 3 6 Km
N
W
E
S
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

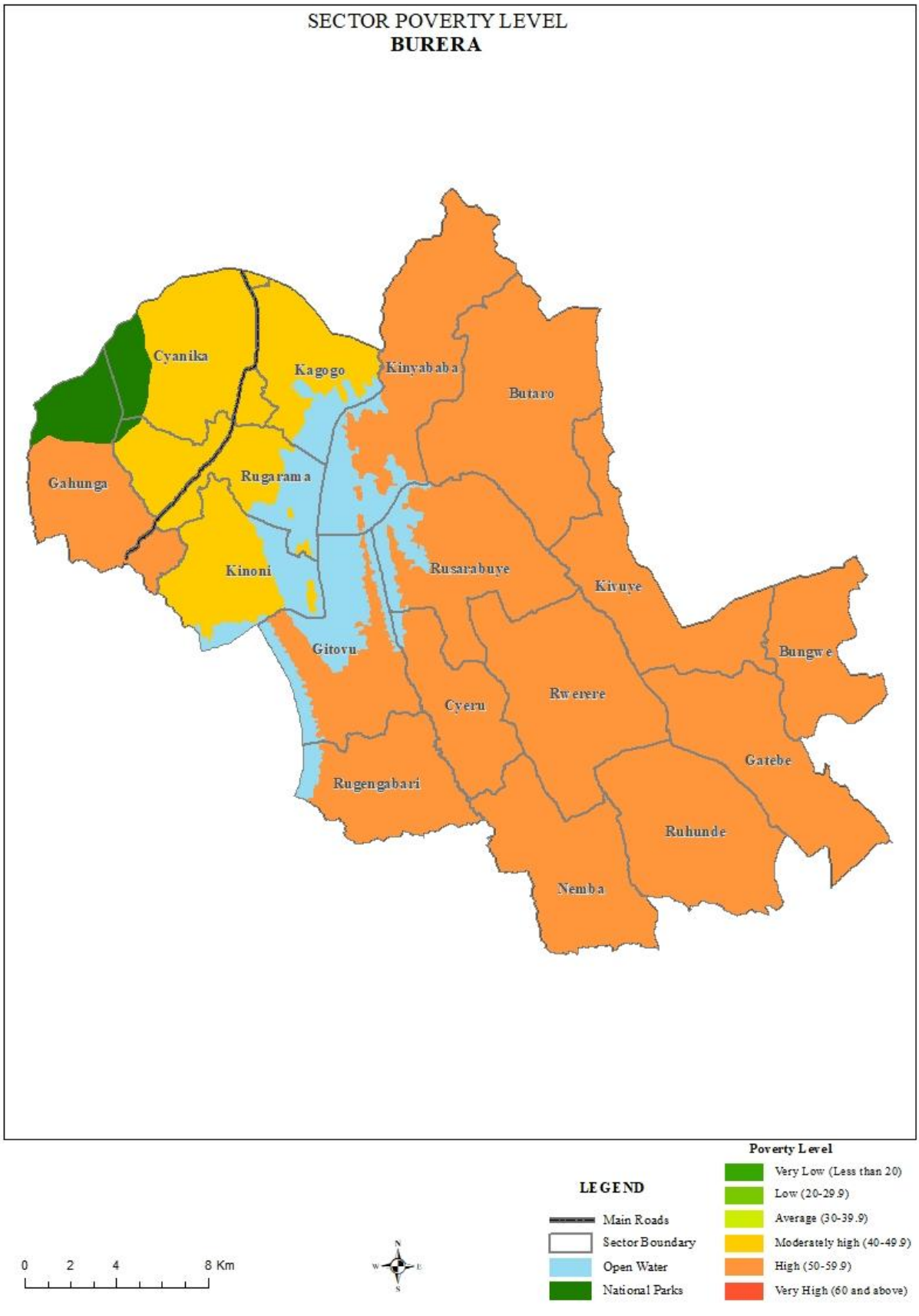

SECTOR POVERTY LEVEL
NYAMASHEKE
Gihombo
Mahembe
Kirimbi
Macuba
Karambi
Nyabitekeri
Kagano
Kanjongo
Shangi
Cyato
Bushenge
Bushekeri
Rangiro
Ruharambuga
Karengera
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
0 2.5 5 10 Km
N
W
E
S

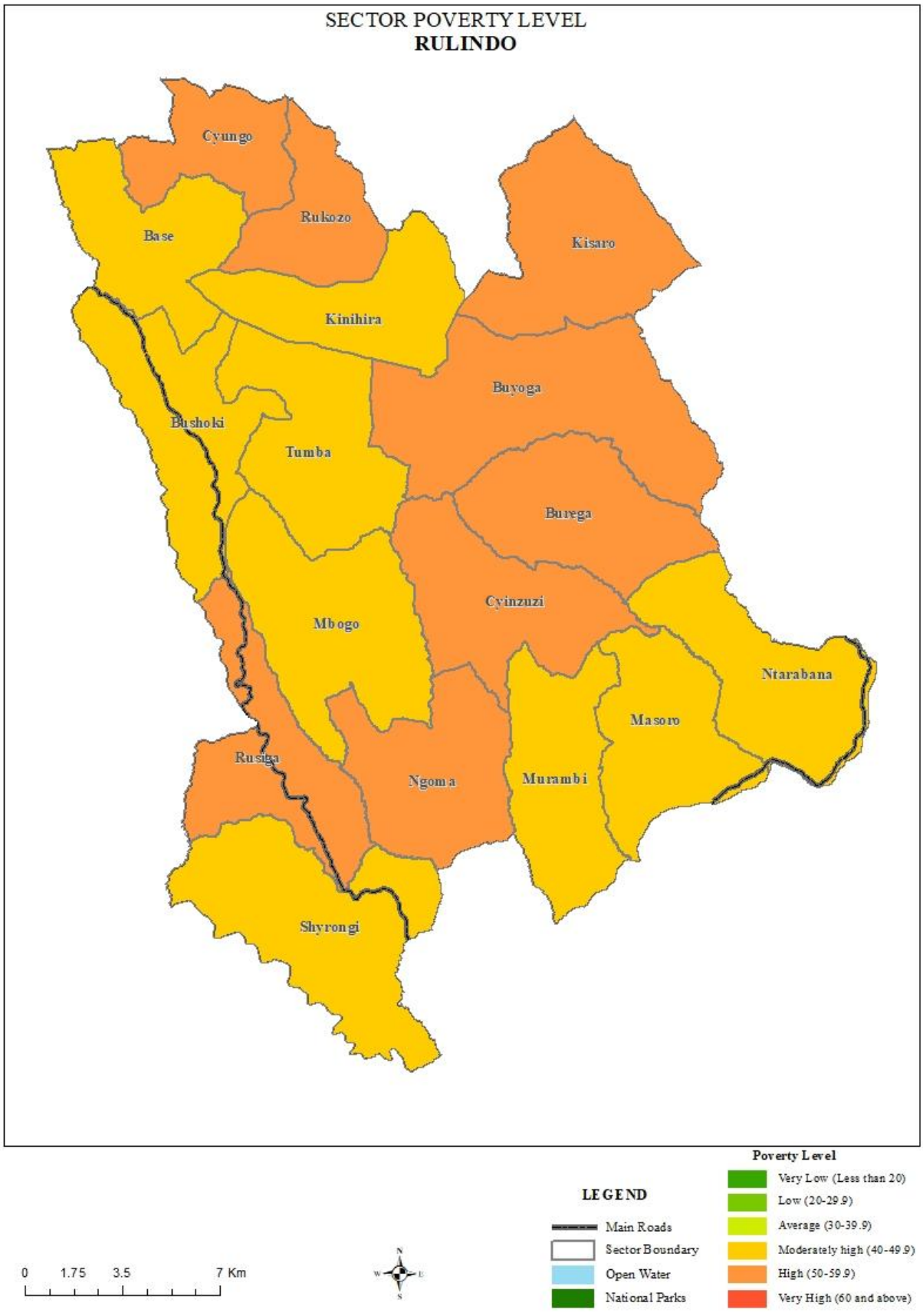

SECTOR POVERTY LEVEL
NYABIHU
Kaburaru
Jenda
Mukamira
Kintobo
Rugera
Bigogwe
Karago
Rurembo
Rambura
Shyira
Jomba
Muringa
0 1.5 3 6 Km
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

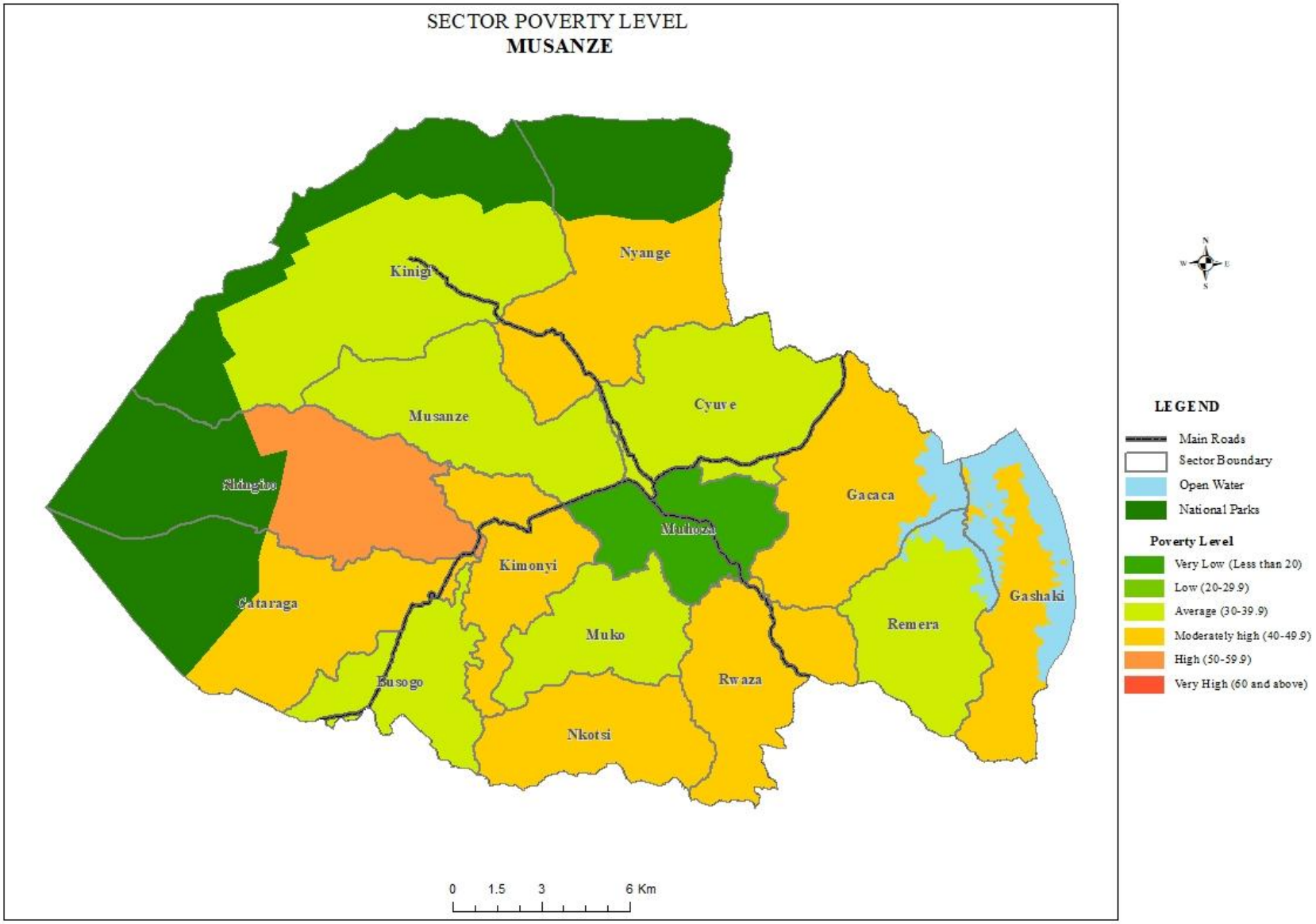

SECTOR POVERTY LEVEL
NGORORERO
Matyazo
Kabaya
Hindiro
Muhanda
Ngororero
Kavumu
Kageyo
Muhororo
Sovu
Bwira
Gatumba
Ndaro
Nyange
0 1.75 3.5 7 Km
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

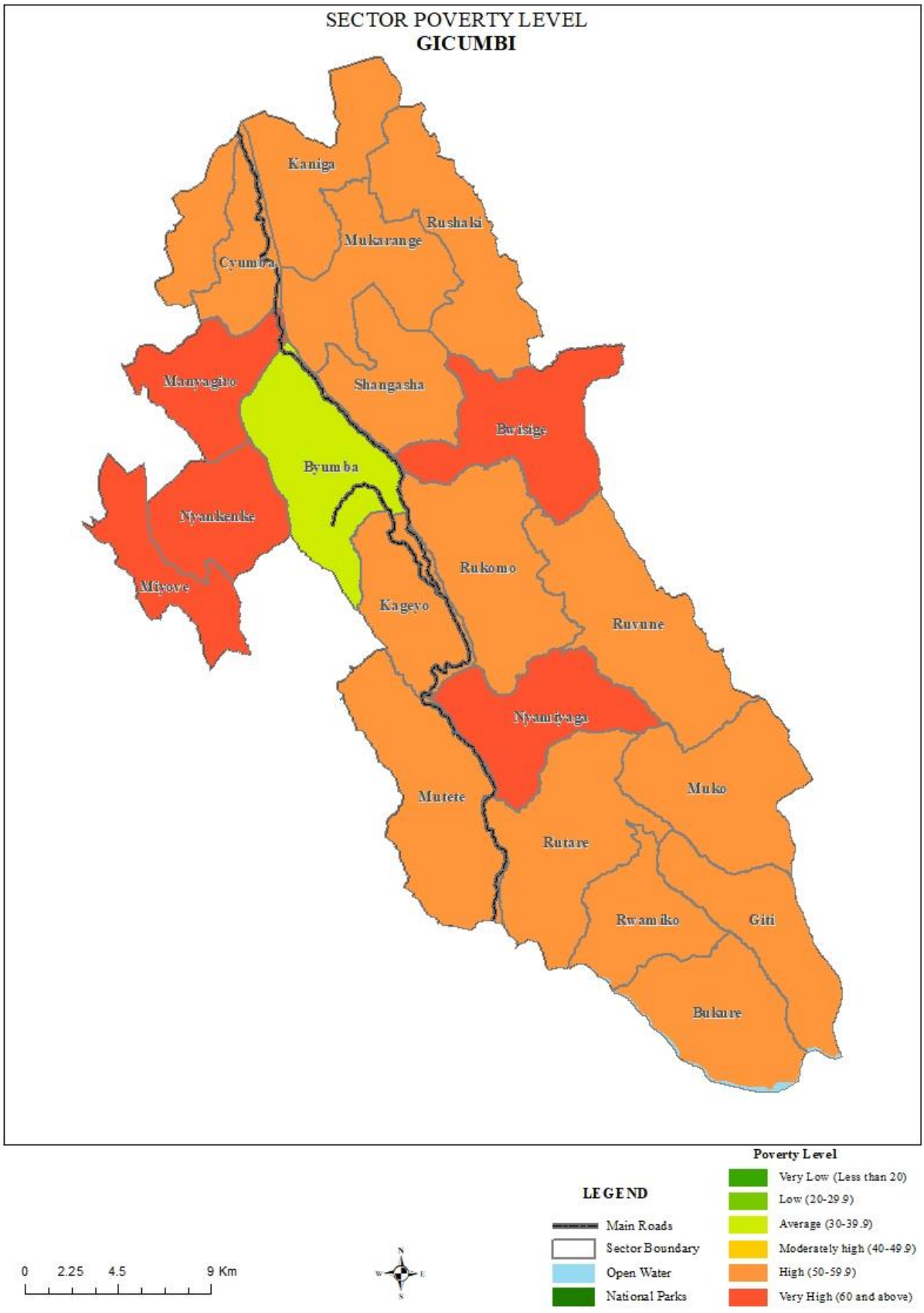
Map 3. 11: Poverty Level in Northern Province by Sector

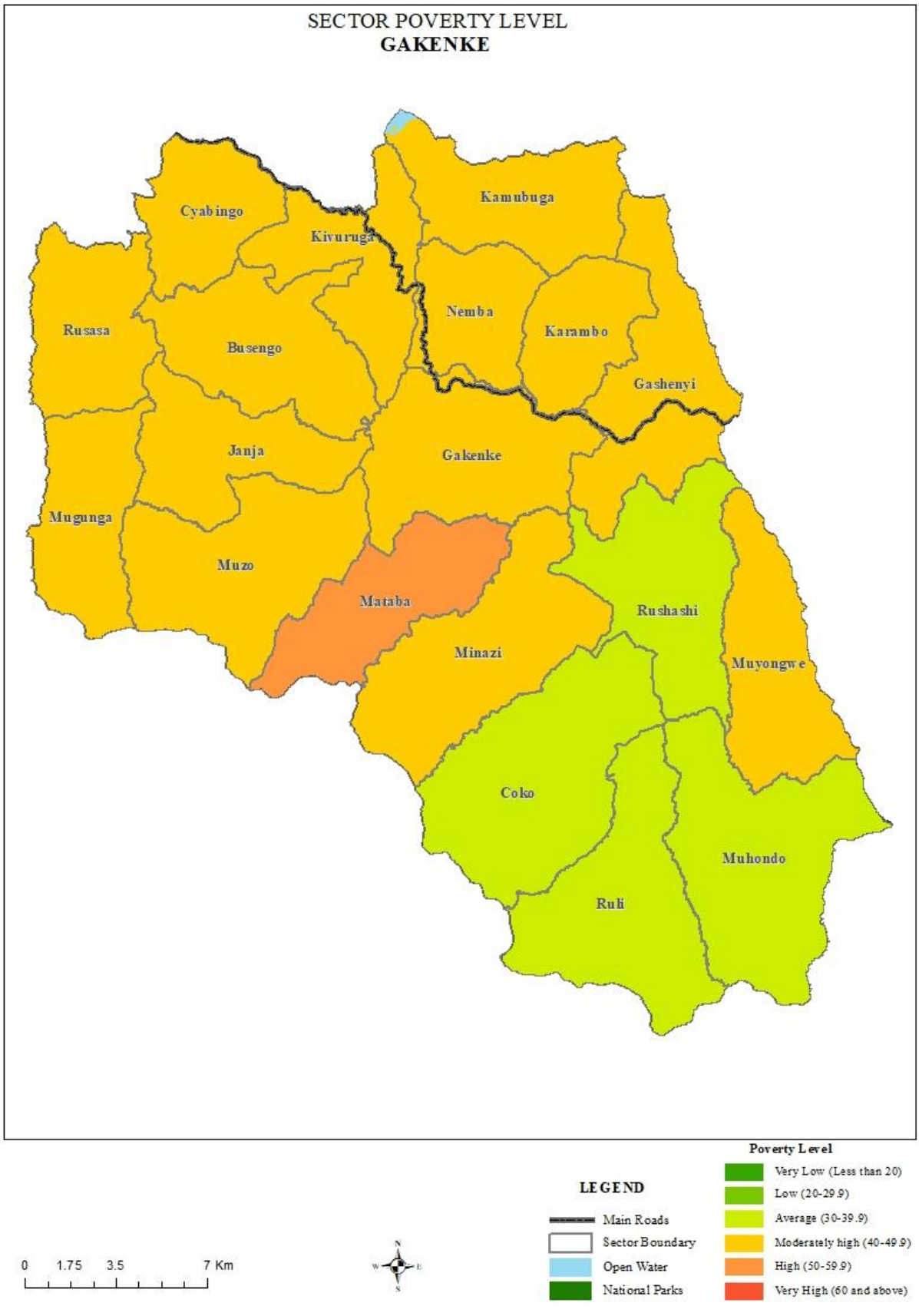



SECTOR POVERTY LEVEL
BURERA
Cyanika
Kagogo
Kinyababa
Butaro
Gahunga
Rugarama
Kinoni
Rusarabuye
Kivuye
Gitovu
Bungwe
Cyeru
Rwerere
Gatebe
Rugengabari
Ruhunde
Nemba
0 2 4 8 Km
N
W
E
S
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

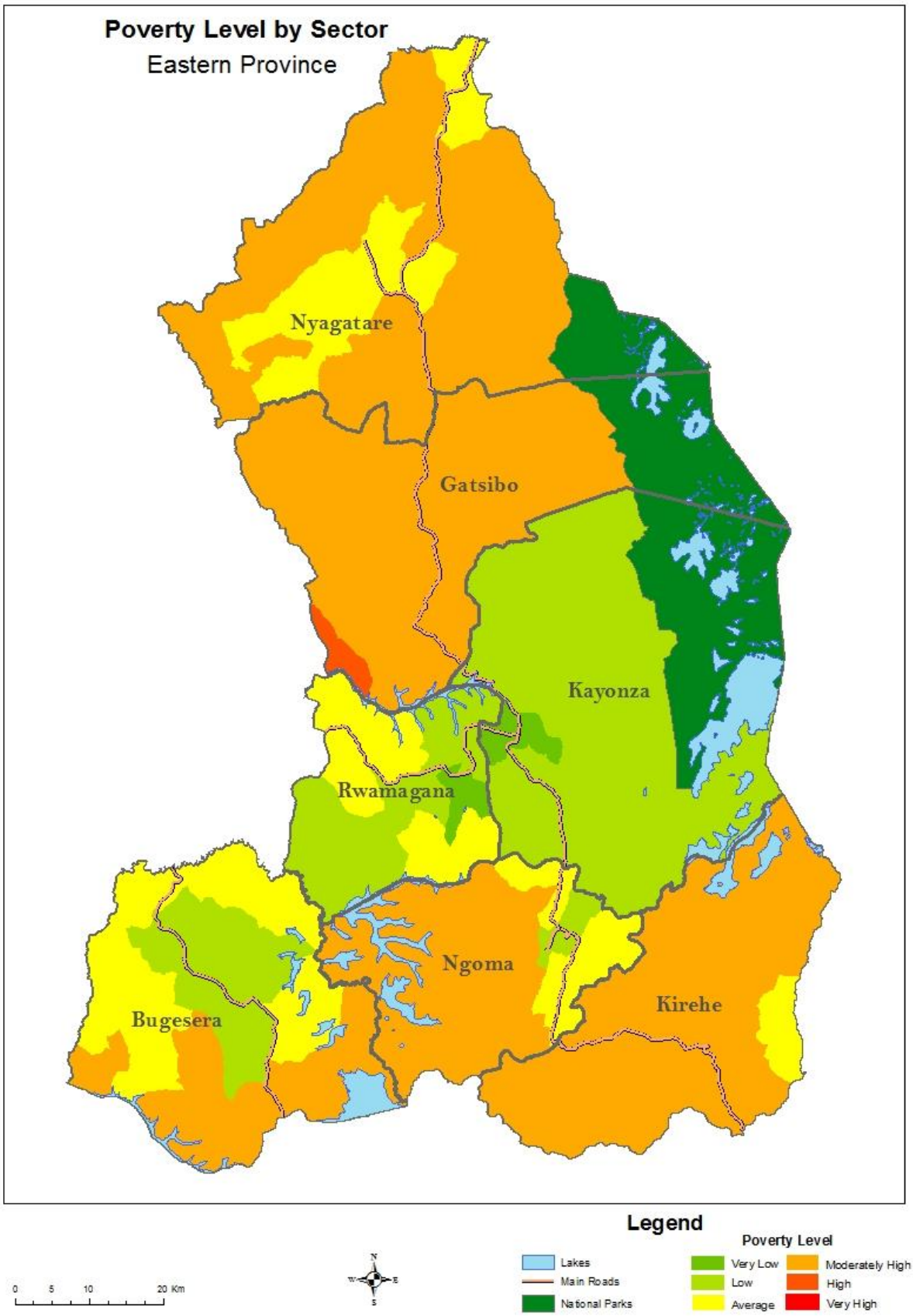

SECTOR POVERTY LEVEL
RULINDO
Cyungo
Rukozo
Base
Kisaro
Kinihira
Buyoga
Bushoki
Tumba
Burega
Cyinzuzi
Mbogo
Ntarabana
Masoro
Rusiga
Ngoma
Murambi
Shyrongi
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)
0
1.75
3.5
7 Km
N
W
E
S

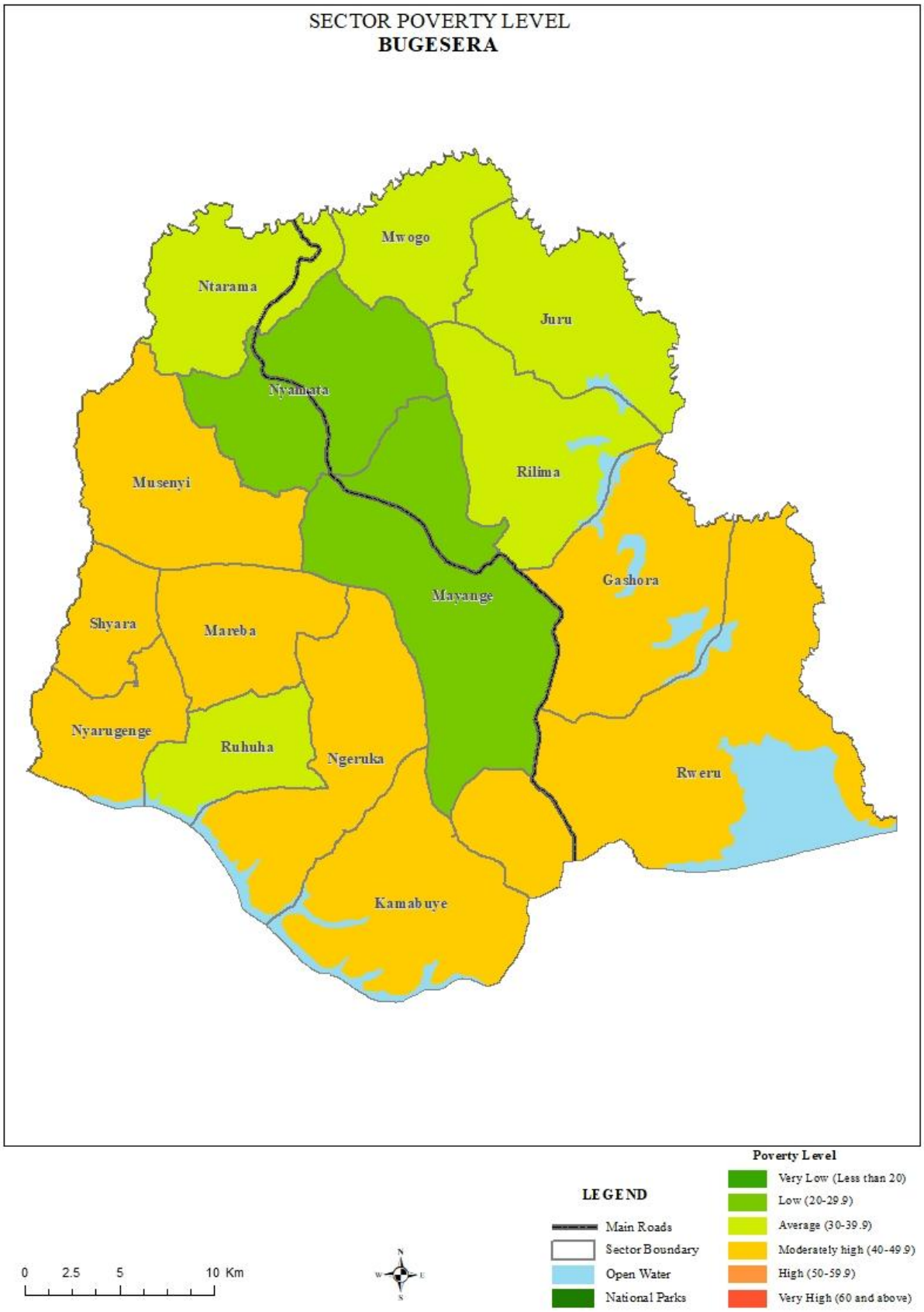

SECTOR POVERTY LEVEL
MUSANZE
Kinigi
Nyange
Musanze
Cyuve
Gacaca
Muhoza
Kimonyi
Cyabingo
Cataraga
Muko
Busogo
Rwaza
Nkotsi
Remera
Gashaki
0 1.5 3 6 Km
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

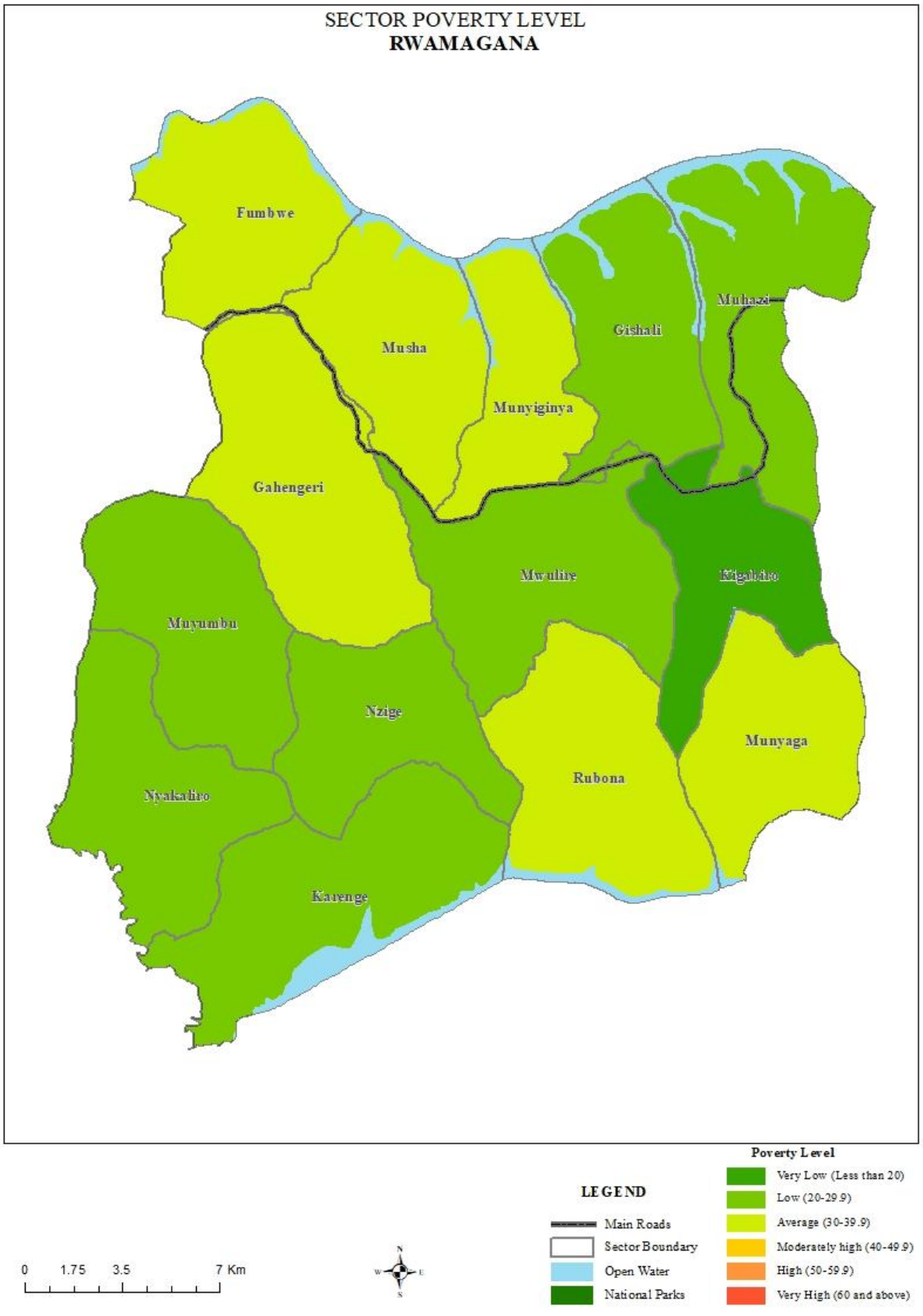

SECTOR POVERTY LEVEL
GICUMBI
Kaniga
Rushaki
Mukarange
Cyumba
Manyagiro
Shangasha
Bwisige
Byumba
Nyankenke
Rukomo
Miyove
Kageyo
Ruvune
Nyamiyaga
Mutete
Muko
Rutare
Rwamiko
Giti
Bukure
Poverty Level
LEGEND
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)
Main Roads
Sector Boundary
Open Water
National Parks
0 2.25 4.5 9 Km
N
W
E
S

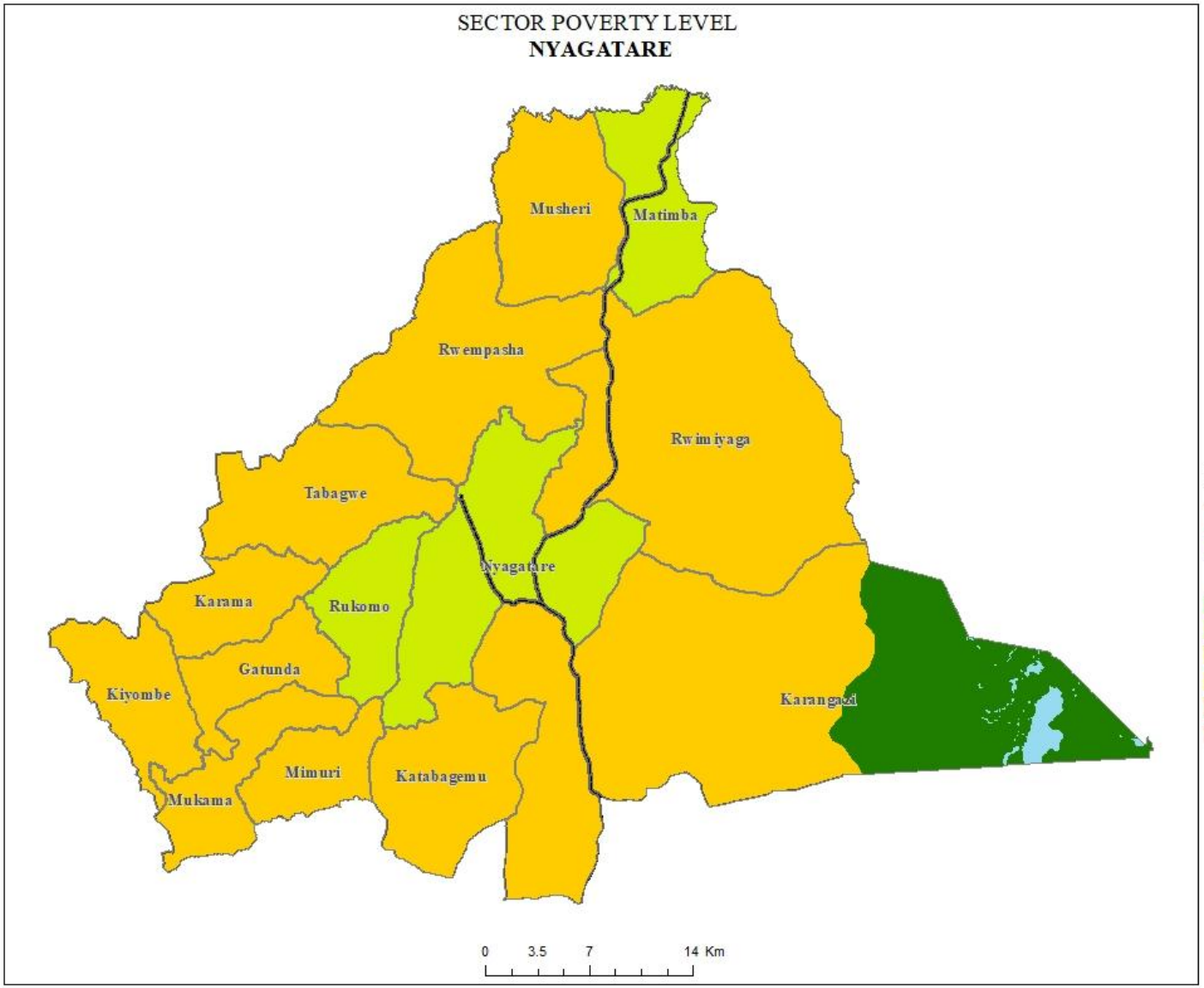

SECTOR POVERTY LEVEL
GAKENKE
Cyabingo
Kivuruga
Kamubuga
Rusasa
Busengo
Nemba
Karambo
Gashenyi
Janja
Gakenke
Mugunga
Muzo
Mataba
Rushashi
Minazi
Muyongwe
Coko
Muhondo
Ruli
0 1.75 3.5 7 Km
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

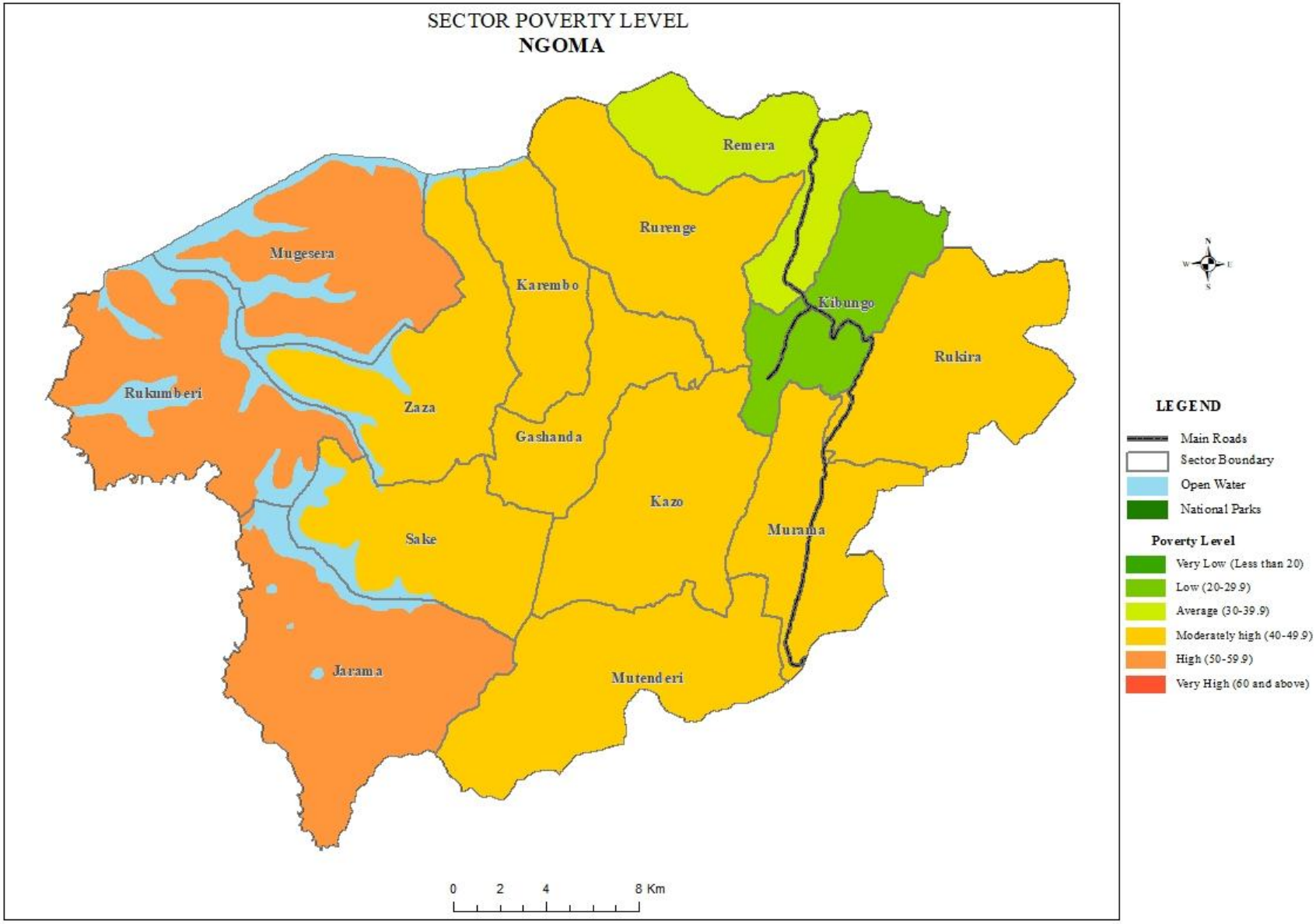
Map 3. 12: Poverty Level in Eastern Province by Sector

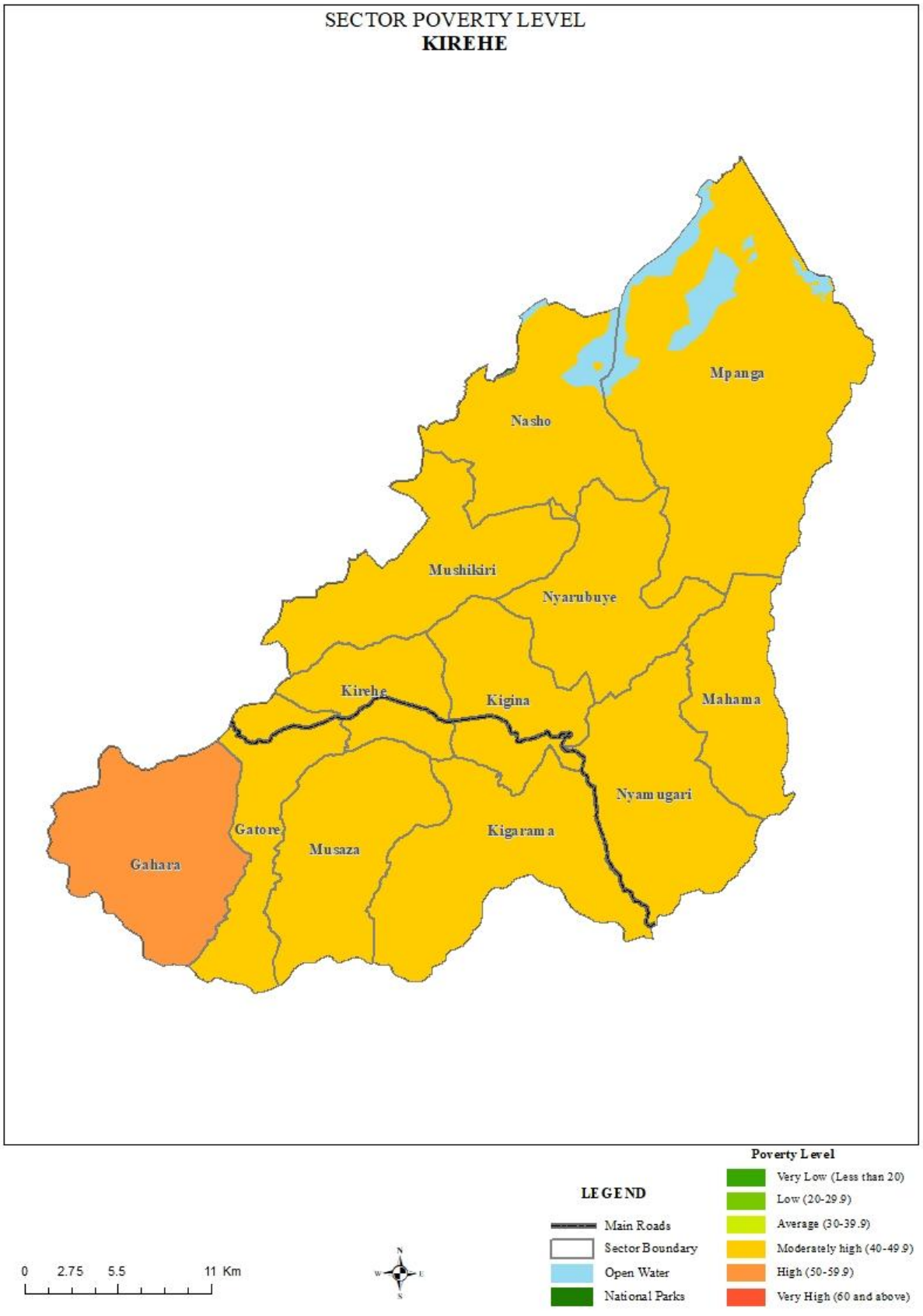


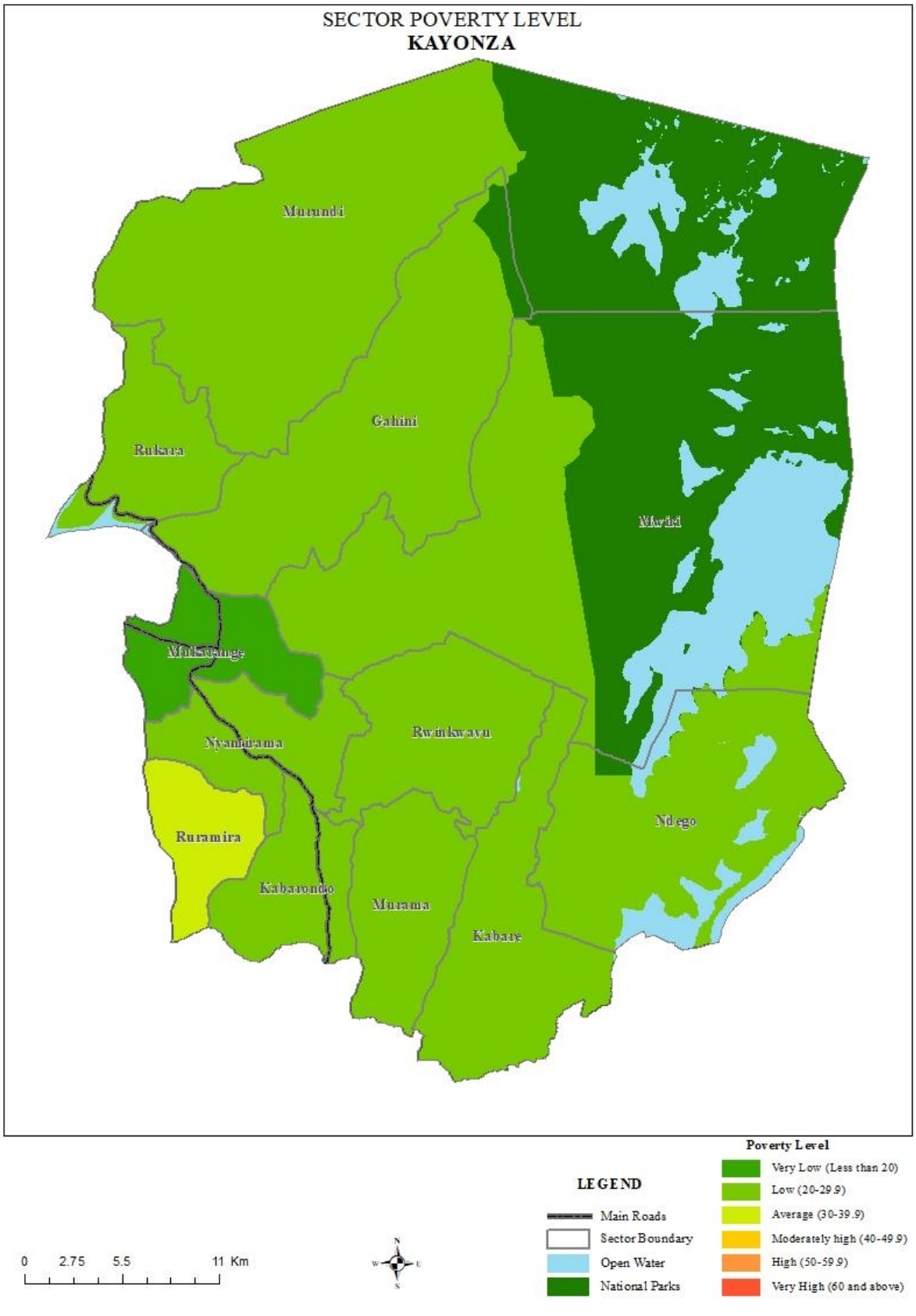

SECTOR POVERTY LEVEL
BUGESERA
Mwogo
Ntarama
Juru
Nyamata
Rilima
Musenyi
Gashora
Mayange
Shyara
Mareba
Nyarugenge
Ruhuha
Ngeruka
Rweru
Kamabuye
0 2.5 5 10 Km
N
W
E
S
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

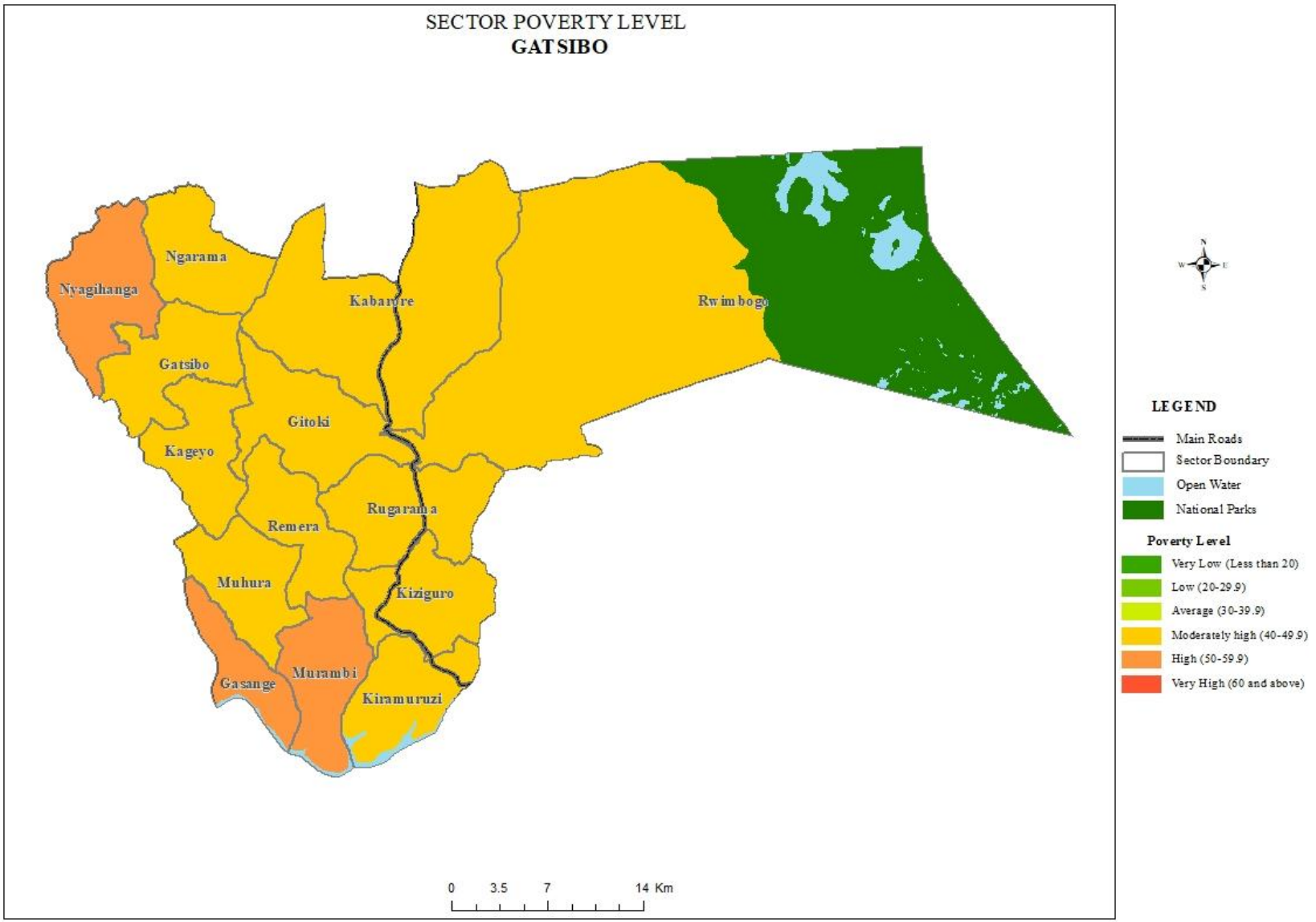

SECTOR POVERTY LEVEL
RWAMAGANA
Fumbwe
Musha
Munyiginya
Gishali
Muhazi
Gahengeri
Mwulire
Kigabiro
Muyumbu
Nzige
Munyaga
Rubona
Nyakariro
Karenge
0 1.75 3.5 7 Km
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)


SECTOR POVERTY LEVEL
NYAGATARE
Musheri
Matimba
Rwempasha
Rwimiyaga
Tabagwe
Nyagatare
Karama
Rukomo
Gatunda
Kiyombe
Karangazi
Mimuri
Katabagemu
Mukama
0 3.5 7 14 Km
N
W
E
S
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)


SECTOR POVERTY LEVEL
NGOMA
Remera
Rurenge
Mugesera
Karembo
Kibungo
Rukira
Rukumberi
Zaza
Gashanda
Kazo
Murama
Sake
Jarama
Mutenderi
0 2 4 8 Km
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)


SECTOR POVERTY LEVEL
KIREHE
Mpanga
Nasho
Mushikiri
Nyarubuye
Kirehe
Kigina
Mahama
Nyamugari
Gatore
Musaza
Kigarama
Gahara
0 2.75 5.5 11 Km
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)


SECTOR POVERTY LEVEL
KAYONZA
Murundi
Gahini
Rukara
Mwiri
Mukarange
Nyamirama
Rwinkwavu
Ruramira
Kabarondo
Murama
Kabare
Ndego
0 2.75 5.5 11 Km
N
W
E
S
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)


SECTOR POVERTY LEVEL
GATSIBO
Ngarama
Nyagihanga
Kabarore
Rwimbogo
Gatsibo
Gitoki
Kageyo
Rugarama
Remera
Muhura
Kiziguro
Murambi
Gasange
Kiramuruzi
0 3.5 7 14 Km
LEGEND
Main Roads
Sector Boundary
Open Water
National Parks
Poverty Level
Very Low (Less than 20)
Low (20-29.9)
Average (30-39.9)
Moderately high (40-49.9)
High (50-59.9)
Very High (60 and above)

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ANNEX 1: List of Sectors with poverty headcount index and poverty level sorted out by province

1. Kigali City

Sector name	Poverty headcount index	Poverty level
Rwezamenyo	4.62	1
Niboye	6.77	1
Kimironko	6.98	1
Muhima	7.07	1
Kacyiru	7.08	1
Kimihurura	7.90	1
Remera	8.17	1
Kicukiro	8.39	1
Nyarugunga	9.36	1
Nyarugenge	9.40	1
Gitega	9.64	1
Nyakabanda	9.70	1
Gikondo	10.07	1
Gatsata	11.45	1
Kimisagara	12.08	1
Gisozi	12.39	1
Nyamirambo	15.24	1
Kigarama	16.23	1
Kagarama	16.89	1
Kinyinya	17.09	1
Kanombe	17.91	1
Gatenga	19.15	1
Ndera	33.18	3
Masaka	34.83	3
Rusororo	35.27	3
Kigali	36.72	3
Jabana	37.65	3
Bumbogo	38.18	3
Jali	44.43	4
Gahanga	46.81	4
Kanyinya	47.53	4
Nduba	48.29	4
Mageragere	55.03	5
Rutunga	57.14	5
Gikomero	58.65	5

2. Southern Province

Sector name	Poverty headcount index	Poverty level
Busasamana	22.97	2
Busoro	41.24	4
Cyabakamyi	38.14	3
Kibirizi	39.70	3
Kigoma	39.74	3
Mukingo	33.99	3
Muyira	40.71	4
Ntyazo	40.20	4

Sector name	Poverty headcount index	Poverty level
Nyagisozi	39.23	3
Rwabicuma	38.93	3
Gikonko	56.19	5
Gishubi	61.35	6
Kansi	54.16	5
Kibirizi	51.56	5
Kigembe	55.49	5
Mamba	56.76	5
Muganza	59.02	5
Mugombwa	50.99	5
Mukindo	54.58	5
Musha	55.37	5
Ndora	53.04	5
Nyanza	55.86	5
Save	45.86	4
Busanze	47.13	4
Cyahinda	43.73	4
Kibeho	39.73	3
Kivu	46.76	4
Mata	39.18	3
Muganza	47.11	4
Munini	45.70	4
Ngera	42.65	4
Ngoma	43.71	4
Nyabimata	49.94	4
Nyagisozi	44.78	4
Ruheru	52.00	5
Ruramba	47.25	4
Rusenge	45.12	4
Gishamvu	36.43	3
Huye	32.68	3
Karama	38.09	3
Kigoma	39.36	3
Kinazi	42.83	4
Maraba	37.36	3
Mbazi	28.51	2
Mukura	33.82	3
Ngoma	10.59	1
Ruhashya	34.31	3
Rusatira	35.78	3
Rwaniro	43.98	4
Simbi	40.91	4
Tumba	16.65	1
Buruhukiro	58.51	5
Cyanika	44.00	4
Gasaka	31.98	3
Gatare	57.25	5
Kaduha	51.45	5
Kamegeri	50.75	5
Kibirizi	49.91	4
Kibumbwe	47.26	4
Kitabi	55.84	5
Mbazi	43.17	4

Sector name	Poverty headcount index	Poverty level
Mugano	48.42	4
Musange	44.76	4
Musebeya	54.55	5
Mushubi	51.91	5
Nkomane	57.85	5
Tare	50.10	5
Uwinkingi	53.70	5
Bweramana	34.94	3
Byimana	33.33	3
Kabagari	40.58	4
Kinazi	41.05	4
Kinihira	38.40	3
Mbuye	39.88	3
Mwendo	37.99	3
Ntongwe	44.56	4
Ruhango	35.35	3
Cyeza	30.38	3
Kabacuzi	28.52	2
Kibangu	29.15	2
Kiyumba	27.62	2
Muhanga	32.07	3
Mushishiro	30.61	3
Nyabinoni	34.19	3
Nyamabuye	12.33	1
Nyarusange	34.85	3
Rongi	33.93	3
Rugendabari	28.64	2
Shyogwe	23.11	2
Gacurabwenge	27.54	2
Karama	28.87	2
Kayenzi	26.15	2
Kayumbu	28.47	2
Mugina	32.85	3
Musambira	30.97	3
Ngamba	28.94	2
Nyamiyaga	34.21	3
Nyarubaka	32.58	3
Rugalika	28.98	2
Rukoma	27.68	2
Runda	22.73	2

3. Western Province

Sector name	Poverty headcount index	Poverty level
Cyanzarwe	5.66	1
Kamembe	11.88	1
Kabatwa	21.10	2
Gihundwe	25.33	2
Mururu	31.02	3
Bugarama	31.90	3
Bwishyura	32.22	3
Giheke	32.75	3
Rugerero	33.12	3

Sector name	Poverty headcount index	Poverty level
Muganza	33.23	3
Gashonga	33.34	3
Rwimbogo	34.17	3
Rubavu	34.94	3
Nkungu	34.97	3
Nyakabuye	35.35	3
Nyakarenzo	35.35	3
Jenda	35.42	3
Nyakiliba	35.48	3
Bigogwe	36.84	3
Gitambi	37.33	3
Nzahaha	37.38	3
Rubengera	37.45	3
Nkanka	37.59	3
Bugeshi	37.70	3
Mukamira	37.80	3
Kanzenze	38.76	3
Gikundamvura	40.68	4
Nyamyumba	41.32	4
Kanama	42.14	4
Murambi	42.18	4
Rugera	42.19	4
Mushonyi	42.82	4
Gishyita	42.95	4
Shyira	43.07	4
Gatunba	43.52	4
Jomba	43.92	4
Gihango	44.18	4
Boneza	44.36	4
Rambura	44.40	4
Kabaya	44.80	4
Gishari	45.24	4
Ngororero	45.27	4
Nyundo	45.46	4
Hindiro	45.54	4
Kigeyo	45.54	4
Nkombo	45.63	4
Mubuga	45.75	4
Kintobo	46.03	4
Musasa	46.63	4
Muhororo	46.74	4
Nyange	47.17	4
Bweyeye	47.36	4
Matyazo	47.98	4
Murunda	48.41	4
Murundi	48.56	4
Muringa	48.95	4
Gitesi	49.03	4
Twumba	49.05	4
Ruganda	49.44	4
Mudende	49.47	4
Kivumu	49.69	4
Gisenyi	49.69	4

Sector name	Poverty headcount index	Poverty level
Karago	49.95	4
Rurembo	50.01	5
Rugabano	50.35	5
Ruhango	50.55	5
Butare	50.67	5
Mushubati	50.72	5
Kanjongo	50.89	5
Busasamana	52.28	5
Bwira	52.73	5
Rwankuba	53.00	5
Kageyo	53.18	5
Ndaro	53.34	5
Nyabirasi	53.62	5
Ruharambuga	53.62	5
Manihira	53.96	5
Kagano	54.45	5
Rusebeya	55.03	5
Kavumu	55.17	5
Bushenge	55.20	5
Mutuntu	55.41	5
Mukura	55.98	5
Muhanda	56.73	5
Macuba	56.82	5
Sovu	58.07	5
Shangi	58.90	5
Bushekeri	59.50	5
Karengera	59.70	5
Karambi	59.81	5
Mahembe	59.90	5
Nyabitekeri	60.02	6
Kirimbi	60.65	6
Rangiro	61.73	6
Gihombo	62.85	6
Cyato	66.33	6

4. Northern Province

Sector name	Poverty headcount index	Poverty level
Base	49.12	4
Burega	51.78	5
Bushoki	42.35	4
Buyoga	52.88	5
Cyinzuzi	53.74	5
Cyungo	54.48	5
Kinihira	48.59	4
Kisaro	54.36	5
Masoro	43.53	4
Mbogo	49.15	4
Murambi	48.83	4
Ngoma	55.12	5
Ntarabana	47.27	4
Rukozo	55.07	5
Rusiga	50.97	5

Sector name	Poverty headcount index	Poverty level
Shyorongi	44.93	4
Tumba	49.84	4
Busengo	46.49	4
Coko	39.31	3
Cyabingo	42.03	4
Gakenke	42.18	4
Gashenyi	46.13	4
Janja	45.60	4
Kamubuga	49.96	4
Karambo	49.23	4
Kivuruga	42.92	4
Mataba	50.12	5
Minazi	46.81	4
Mugunga	42.29	4
Muhondo	35.21	3
Muyongwe	41.46	4
Muzo	48.33	4
Nemba	41.31	4
Ruli	30.06	3
Rusasa	44.80	4
Rushashi	39.22	3
Busogo	35.50	3
Cyuve	33.58	3
Gacaca	45.20	4
Gashaki	41.57	4
Gataraga	43.28	4
Kimonyi	42.20	4
Kinigi	37.95	3
Muhoza	15.45	1
Muko	36.99	3
Musanze	39.75	3
Nkotsi	42.46	4
Nyange	41.34	4
Remera	37.30	3
Rwaza	41.79	4
Shingiro	52.18	5
Bungwe	54.60	5
Butaro	53.33	5
Cyanika	46.17	4
Cyeru	51.89	5
Gahunga	52.63	5
Gatebe	56.01	5
Gitovu	53.44	5
Kagogo	49.58	4
Kinoni	45.77	4
Kinyababa	56.59	5
Kivuye	55.38	5
Nemba	51.67	5
Rugarama	49.91	4
Rugengabari	53.06	5
Ruhunde	58.69	5
Rusarabuye	52.82	5
Rwerere	53.81	5

Sector name	Poverty headcount index	Poverty level
Bukure	54.72	5
Bwisige	60.93	6
Byumba	39.26	3
Cyumba	52.39	5
Giti	58.86	5
Kageyo	53.67	5
Kaniga	52.81	5
Manyagiro	61.79	6
Miyove	61.32	6
Mukarange	53.79	5
Muko	58.01	5
Mutete	55.54	5
Nyamiyaga	60.29	6
Nyankenke	61.23	6
Rubaya	58.55	5
Rukomo	55.23	5
Rushaki	57.26	5
Rutare	57.94	5
Ruvune	57.85	5
Rwamiko	55.07	5
Shangasha	56.22	5

5. Eastern Province

Sector name	Poverty headcount index	Poverty level
Fumbwe	34.90	3
Gahengeri	33.29	3
Gishari	29.47	2
Karenge	22.07	
Kigabiro	17.68	1
Muhazi	25.43	2
Munyaga	37.63	3
Munyiginya	37.92	3
Musha	35.20	3
Muyumbu	23.66	2
Mwulire	29.06	2
Nyakariro	22.90	2
Nzige	26.51	2
Rubona	34.31	3
Gatunda	40.16	4
Karama	45.22	4
Karangazi	45.01	4
Katabagemu	47.02	4
Kiyombe	48.36	4
Matimba	38.47	3
Mimuli	41.24	4
Mukama	48.30	4
Musheli	46.01	4
Nyagatare	33.63	3
Rukomo	38.35	3
Rwempasha	42.34	4
Rwimiyaga	46.26	4
Tabagwe	49.14	4

Sector name	Poverty headcount index	Poverty level
Gasange	51.92	5
Gatsibo	42.91	4
Gitoki	49.00	4
Kabarore	42.57	4
Kageyo	48.71	4
Kiramuruzi	41.76	4
Kiziguro	44.69	4
Muhura	46.52	4
Murambi	50.72	5
Ngarama	47.71	4
Nyagihanga	51.92	5
Remera	48.25	4
Rugarama	44.68	4
Rwimbogo	44.35	4
Gahini	26.78	2
Kabare	26.24	2
Kabarondo	23.35	2
Mukarange	19.61	1
Murama	29.81	2
Murundi	28.39	2
Mwiri	27.33	2
Ndego	23.62	2
Nyamirama	27.99	2
Rukara	29.29	2
Ruramira	30.70	3
Rwinkwavu	23.31	2
Gahara	51.26	5
Gatore	44.53	4
Kigarama	45.67	4
Kigina	44.05	4
Kirehe	42.81	4
Mahama	42.11	4
Mpanga	47.38	4
Musaza	46.45	4
Mushikiri	49.15	4
Nasho	44.94	4
Nayamugali	44.29	4
Nyarubuye	48.66	4
Gashanda	48.52	4
Jarama	51.00	5
Karembo	45.21	4
Kazo	43.43	4
Kibungo	27.43	2
Mugesera	50.19	5
Murama	42.12	4
Mutenderi	48.56	4
Remera	39.57	3
Rukira	40.42	4
Rukumberi	50.74	5
Rurenge	47.17	4
Sake	49.04	4
Zaza	45.64	4
Gashora	40.38	4

Sector name	Poverty headcount index	Poverty level
Juru	36.49	3
Kamabuye	42.28	4
Mareba	40.86	4
Mayange	28.95	2
Musenyi	40.95	4
Mwogo	37.01	3
Ngeruka	45.24	4
Ntarama	34.29	3
Nyamata	25.24	2
Nyarugenge	44.07	4
Rilima	30.31	3
Ruhuha	34.43	3
Rweru	42.97	4
Shyara	41.25	4

ANNEX 2: List of Cells with poverty headcount index and poverty level sorted out by province

1. Kigali City

Cell name	Poverty headcount index	Poverty level
Ubumwe	1.82	1
Kabuguru Ii	3.02	1
Rwezamenyo Ii	3.34	1
Bibare	3.46	1
Gasharu	4.11	1
Rukiri Ii	4.69	1
Kabasengerezi	4.93	1
Rwimbogo	5.23	1
Rwezamenyo I	5.36	1
Kabuguru I	5.49	1
Munanira I	5.54	1
Kanserege	5.59	1
Gatare	5.77	1
Kamatamu	6.32	1
Kiyovu	6.50	1
Biryogo	6.75	1
Kicukiro	6.88	1
Kabeza	6.96	1
Niboye	7.01	1
Kibaza	7.04	1
Nyakabanda	7.08	1
Nyabugogo	7.25	1
Rugenge	7.28	1
Kimihurura	7.31	1
Rukiri I	7.41	1
Akabeza	7.58	1
Amahoro	7.64	1
Nyakabanda Ii	7.72	1
Kamutwa	7.80	1
Kabeza	7.80	1
Tetero	7.89	1
Gacyamo	7.94	1
Kinunga	8.03	1
Kamukina	8.06	1
Rubirizi	8.06	1
Nyagatovu	8.18	1
Nonko	8.20	1
Nyabisindu	8.29	1
Kora	8.34	1
Rugando	8.57	1
Kinyange	8.62	1
Kibagabaga	8.80	1
Cyivugiza	8.96	1
Karugira	9.04	1
Mumena	9.12	1
Ngoma	9.14	1

Cell name	Poverty headcount index	Poverty level
Nyamugari	9.26	1
Nyarutarama	9.56	1
Rwampara	9.66	1
Kigarama	9.86	1
Kamuhoza	10.42	1
Nyakabanda I	10.47	1
Kabuga I	10.58	1
Gatenga	10.92	1
Kanserege	11.08	1
Nyamabuye	11.18	1
Katabaro	11.19	1
Gacuriro	11.21	1
Agatare	11.64	1
Kagina	12.12	1
Ruhango	12.21	1
Rwampara	12.45	1
Munanira Ii	12.56	1
Musezero	12.58	1
Akabahizi	12.67	1
Rukatsa	12.81	1
Kamashashi	13.39	1
Kigarama	13.65	1
Kimisagara	13.85	1
Kagunga	14.25	1
Karuruma	14.52	1
Nyanza	14.62	1
Kagugu	14.85	1
Rugarama	18.39	1
Karambo	18.56	1
Bwerankori	19.67	1
Agateko	20.07	2
Masoro	20.52	2
Cyimo	20.69	2
Nyagahinga	21.05	2
Kabuye	21.11	2
Kinyaga	21.97	2
Murama	22.65	2
Nyabugogo	22.77	2
Kabuga Ii	23.97	2
Gako	26.40	2
Gitaraga	26.62	2
Kibenga	27.05	2
Nyarurama	28.57	2
Muyange	29.93	2
Karama	30.69	3
Cyaruzinge	30.87	3
Nyabikenke	31.60	3
Gasanze	31.92	3
Gasharu	33.35	3
Busanza	34.36	3
Akamatamu	35.79	3
Ngara	36.39	3
Karembure	37.91	3

Cell name	Poverty headcount index	Poverty level
Nyamweru	38.46	3
Kankuba	40.06	4
Gahanga	40.29	4
Rudashya	41.11	4
Musave	41.43	4
Ruhanga	42.27	4
Nyabuliba	46.61	4
Gatunga	47.71	4
Nzove	47.72	4
Sha	48.13	4
Kagasa	48.28	4
Nyamitanga	48.40	4
Kigali	48.50	4
Mvuzo	48.69	4
Ngiryi	48.97	4
Gasharu	49.20	4
Ruriba	50.27	5
Kidashya	50.49	5
Nyakabungo	50.54	5
Nyarufunzo	51.60	5
Bwiza	52.15	5
Bweramvura	52.27	5
Nyarurama	52.52	5
Bisenga	52.68	5
Mbabe	52.74	5
Gasabo	52.86	5
Mbandazi	53.35	5
Kabaliza	53.35	5
Nunga	53.38	5
Nyagasozi	53.50	5
Munini	54.09	5
Murinja	54.51	5
Mwendo	54.74	5
Butare	55.45	5
Nyarurenzi	55.50	5
Muremure	56.03	5
Kibenga	56.13	5
Indatemwa	56.35	5
Ayabaraya	56.50	5
Gasura	56.91	5
Nkusi	57.42	5
Rwabutenge	57.49	5
Shango	57.52	5
Gasagara	57.90	5
Rusheshe	58.09	5
Buhiza	58.19	5
Taba	58.50	5
Nkuzuzu	58.60	5
Kibara	58.83	5
Muko	58.98	5
Mataba	59.29	5
Kacyatwa	59.67	5
Mukuyu	60.30	6

Cell name	Poverty headcount index	Poverty level
Rwesero	60.61	6
Ntungamo	60.73	6
Runzenze	60.74	6
Gicaca	61.01	6
Kigabiro	61.13	6
Murambi	61.27	6
Gasagara	61.36	6
Kavumu	63.32	6
Kinyana	64.84	6

2. Southern Province

Cell name	Poverty headcount index	Poverty level
Butare	0.98	1
Ngoma	4.30	1
Gahogo	7.07	1
Rango B	7.97	1
Gitarama	10.54	1
Gitwa	11.13	1
Ruyenzi	12.34	1
Matyazo	13.95	1
Nyanza	15.04	1
Ruli	15.54	1
Cyarwa	16.84	1
Remera	18.31	1
Muganza	20.40	2
Gatobotobo	20.60	2
Munazi	21.74	2
Mataba	21.96	2
Cyimana	22.45	2
Nyamirama	22.51	2
Sheli	22.69	2
Taba	22.94	2
Mwulire	23.07	2
Remera	23.48	2
Nyamagana	23.72	2
Gahondo	23.80	2
Kavumu	23.92	2
Rango A	24.13	2
Nyamugari	24.19	2
Kinini	24.22	2
Nkingo	24.80	2
Ngiryi	24.92	2
Ngoma	24.97	2
Ndago	25.06	2
Gifumba	25.45	2
Karengera	25.50	2
Makera	25.70	2
Buguri	25.77	2
Gitega	25.82	2
Gishyeshye	26.08	2
Kayonza	26.15	2
Kigembe	26.16	2

Cell name	Poverty headcount index	Poverty level
Kamusenyi	26.18	2
Rukira	26.22	2
Buramba	26.35	2
Nganzo	26.51	2
Cubi	26.60	2
Kavumu	26.65	2
Nsanga	26.78	2
Kabagesera	26.86	2
Remera	26.90	2
Sovu	27.00	2
Mpare	27.00	2
Busoro	27.09	2
Kazirabonde	27.12	2
Kigese	27.15	2
Gihinga	27.19	2
Kibaga	27.26	2
Rwesero	27.28	2
Kabuye	27.38	2
Budende	27.45	2
Mubuga	27.50	2
Rugogwe	27.67	2
Nyamirembe	27.69	2
Gisharu	27.70	2
Muyange	27.77	2
Gatagara	27.87	2
Ruhina	27.90	2
Kivumu	27.96	2
Kibyimba	28.14	2
Rubyiniro	28.30	2
Muhororo	28.30	2
Bugarama	28.50	2
Mbare	28.52	2
Gihara	28.73	2
Gasave	28.80	2
Muganza	29.01	2
Icyeru	29.12	2
Kibeho	29.13	2
Bitare	29.14	2
Mbati	29.25	2
Rugango	29.29	2
Giko	29.34	2
Rukeri	29.38	2
Gasagara	29.41	2
Marembo	29.56	2
Bunyonga	29.67	2
Nyumba	29.74	2
Gaseke	29.89	2
Mutunda	30.00	2
Butare	30.05	3
Jurwe	30.06	3
Kaburemera	30.13	3
Buhanda	30.23	3
Kabuga	30.23	3

Cell name	Poverty headcount index	Poverty level
Mpinga	30.35	3
Murehe	30.44	3
Kirwa	30.60	3
Cyambwe	30.61	3
Tyazo	30.66	3
Rusovu	30.76	3
Matyazo	30.79	3
Karambo	30.80	3
Sholi	30.80	3
Kanyana	30.84	3
Nyarunyinya	30.95	3
Ruyanza	30.97	3
Tare	30.97	3
Nkomero	31.05	3
Shyembe	31.26	3
Kigarama	31.36	3
Gitare	31.49	3
Biringaga	31.66	3
Rwigerero	31.75	3
Kiruhura	31.81	3
Bihembe	31.89	3
Muyunzwe	31.95	3
Masaka	32.09	3
Murama	32.13	3
Gasarenda	32.21	3
Bibungo	32.22	3
Nyamirambo	32.27	3
Rukaragata	32.42	3
Buhoro	32.49	3
Gashorera	32.57	3
Kabugondo	32.59	3
Nyagasozi	32.63	3
Burima	32.72	3
Kivumu	32.74	3
Ryakanimba	32.75	3
Cyerezo	32.86	3
Mpushi	32.87	3
Rukambura	32.88	3
Nyagishubi	33.02	3
Kabuga	33.21	3
Nyarubuye	33.24	3
Nyarusozi	33.24	3
Bugoba	33.25	3
Masangano	33.38	3
Karama	33.42	3
Kigusa	33.45	3
Kibinja	33.48	3
Kubutare	33.49	3
Bitare	33.54	3
Mukinga	33.59	3
Mpanda	33.61	3
Nyakogo	33.64	3
Ngarama	33.66	3

Cell name	Poverty headcount index	Poverty level
Kambyeyi	33.68	3
Munini	33.70	3
Muhororo	33.75	3
Kabashumba	33.76	3
Mbiriri	33.77	3
Butansinda	33.77	3
Ruhashya	33.78	3
Gihira	34.13	3
Remera	34.17	3
Kanyinya	34.26	3
Kagina	34.37	3
Mubuga	34.41	3
Cyendajuru	34.45	3
Buhimba	34.50	3
Jenda	34.56	3
Nyakibanda	34.62	3
Musebeya	34.67	3
Murambi	34.67	3
Kidahwe	34.71	3
Nyakabuye	34.73	3
Mugina	34.74	3
Gafunzo	34.77	3
Karambi	34.91	3
Nyamirama	35.03	3
Ngwa	35.08	3
Kimuna	35.14	3
Karama	35.16	3
Mwirute	35.24	3
Mahembe	35.28	3
Gasharu	35.28	3
Kirengeri	35.29	3
Maraba	35.32	3
Mbuga	35.33	3
Mpanga	35.35	3
Kamujisho	35.38	3
Shori	35.39	3
Gishike	35.42	3
Mugogwe	35.43	3
Cyahinda	35.50	3
Karambi	35.73	3
Ryakibogo	35.83	3
Kigeme	35.88	3
Nteko	35.89	3
Musongati	35.92	3
Gahororo	35.97	3
Gatwaro	36.00	3
Rwoga	36.06	3
Gitisi	36.09	3
Gahunga	36.21	3
Mara	36.21	3
Gatoki	36.44	3
Kibingo	36.45	3
Gacu	36.51	3

Cell name	Poverty headcount index	Poverty level
Nzega	36.56	3
Rwasare	36.60	3
Rwamiko	36.71	3
Gatovu	36.74	3
Mututu	36.84	3
Muvumba	36.86	3
Nyabinyenga	36.92	3
Mushirarungu	37.09	3
Masangano	37.10	3
Cyotamakara	37.22	3
Gasumba	37.23	3
Ngarurira	37.23	3
Rukingiro	37.24	3
Ngoma	37.29	3
Busheshi	37.40	3
Mugobore	37.40	3
Nyabisindu	37.49	3
Kirwa	37.52	3
Kiyonza	37.56	3
Rurangazi	37.56	3
Kanyinya	37.57	3
Buremera	37.57	3
Gasoro	37.65	3
Mbuye	37.72	3
Musamo	37.81	3
Nyamiyaga	37.96	3
Kibiraro	38.02	3
Karama	38.12	3
Saruheshyi	38.16	3
Rusagara	38.19	3
Rwinyana	38.22	3
Nyarusange	38.28	3
Mutara	38.28	3
Rukina	38.32	3
Nyabibugu	38.38	3
Kiruli	38.48	3
Muhembe	38.56	3
Nyakarekare	38.63	3
Gisanga	38.69	3
Nyamabuye	38.76	3
Kimirehe	38.87	3
Ngaru	38.90	3
Nyundo	39.06	3
Ramba	39.09	3
Mbuye	39.12	3
Shyira	39.14	3
Rubona	39.18	3
Shanga	39.28	3
Yaramba	39.31	3
Kabirizi	39.34	3
Nyanza	39.41	3
Mubuga	39.44	3
Muyogoro	39.50	3

Cell name	Poverty headcount index	Poverty level
Ntenyo	39.50	3
Ngambi	39.51	3
Mbasa	39.55	3
Bukomeye	39.62	3
Kabuga	39.63	3
Ruhango	39.64	3
Gikunzi	39.70	3
Buhoro	39.72	3
Nyarurama	39.77	3
Kadaho	39.84	3
Munanira	39.89	3
Runyombyi	39.90	3
Nyamabuye	40.02	4
Gati	40.12	4
Kagunga	40.16	4
Coko	40.18	4
Kabuga	40.29	4
Kabuga	40.32	4
Kamwambi	40.36	4
Kabatwa	40.47	4
Kizibere	40.60	4
Ruramba	40.77	4
Mwendo	40.79	4
Gisali	40.85	4
Shanga	40.85	4
Nyagisozi	40.85	4
Gahombo	40.86	4
Gahana	40.88	4
Bugali	40.96	4
Kabuye	40.98	4
Gitovu	41.00	4
Kabusanza	41.05	4
Gafumba	41.10	4
Remera	41.14	4
Kibangu	41.16	4
Cyeru	41.18	4
Buvumu	41.31	4
Rubona	41.35	4
Rwotso	41.40	4
Mubuga	41.55	4
Kimirama	41.55	4
Mpanda	41.56	4
Buhoro	41.67	4
Rwoga	41.69	4
Bunazi	41.70	4
Kabona	41.76	4
Jenda	41.80	4
Nyabimata	41.84	4
Kinazi	41.85	4
Bunyogombe	42.16	4
Migina	42.20	4
Nyakagezi	42.27	4
Munyinya	42.36	4

Cell name	Poverty headcount index	Poverty level
Tambwe	42.44	4
Kigarama	42.48	4
Gishihe	42.52	4
Katarara	42.56	4
Nyamure	42.60	4
Kirambi	42.63	4
Rugerero	42.65	4
Gitinda	42.66	4
Ngara	42.67	4
Sazange	42.74	4
Kibibi	42.76	4
Muganza	42.78	4
Bihembe	42.83	4
Gitwa	42.86	4
Nyakabungo	42.91	4
Remera	42.96	4
Nyanza	43.00	4
Gisakura	43.06	4
Nyarurama	43.14	4
Nyagisozi	43.25	4
Masizi	43.27	4
Fugi	43.34	4
Cyanza	43.46	4
Suti	43.48	4
Kebero	43.48	4
Raranzige	43.72	4
Gishweru	43.76	4
Nyamirama	43.81	4
Mulinja	43.82	4
Kavumu	43.89	4
Butara	44.05	4
Mbuye	44.05	4
Rwanza	44.12	4
Rubona	44.21	4
Bwama	44.24	4
Kiyumba	44.27	4
Gakoma	44.33	4
Rutabo	44.34	4
Kivu	44.57	4
Nkakwa	44.66	4
Bweramvura	44.73	4
Rugarama	44.78	4
Mutiwingoma	44.83	4
Ruhinga	44.87	4
Kaganza	44.91	4
Rwesero	45.02	4
Mugombwa	45.16	4
Gashiha	45.26	4
Gasasa	45.38	4
Runga	45.39	4
Masagara	45.57	4
Mwendo	45.57	4
Bunge	45.64	4

Cell name	Poverty headcount index	Poverty level
Karambo	45.69	4
Mukuge	45.72	4
Kayenzi	45.78	4
Gashwati	45.84	4
Nyarusiza	45.84	4
Shori	45.87	4
Ngoma	45.97	4
Gitega	46.10	4
Ntwali	46.17	4
Manwari	46.24	4
Gasave	46.30	4
Samiyonga	46.49	4
Murambi	46.54	4
Rutobwe	46.63	4
Kareba	46.65	4
Gatovu	46.82	4
Gikoma	46.92	4
Nyagisozi	46.97	4
Ngeri	47.02	4
Kirarangombe	47.07	4
Cyuna	47.15	4
Kibayi	47.26	4
Gikonko	47.27	4
Nyange	47.27	4
Mariba	47.30	4
Gako	47.31	4
Munazi	47.34	4
Mamba	47.34	4
Nkanda	47.34	4
Rubona	47.41	4
Nyanzoga	47.44	4
Shyunga	47.44	4
Rusenge	47.52	4
Shyanda	47.55	4
Gorwe	47.65	4
Higiro	47.67	4
Muhambara	47.67	4
Gisagara	47.71	4
Kabere	47.74	4
Kibirizi	47.78	4
Murama	47.79	4
Bwenda	47.82	4
Bugarura	47.93	4
Nyangazi	48.12	4
Nyarugano	48.20	4
Nyamirama	48.23	4
Duwani	48.25	4
Uwacyiza	48.34	4
Gahurizo	48.34	4
Munyege	48.74	4
Kizi	48.75	4
Nyarure	48.84	4
Gatare	48.85	4

Cell name	Poverty headcount index	Poverty level
Nyakiza	48.86	4
Bweya	48.86	4
Gihemvu	48.88	4
Gitovu	48.90	4
Kimina	48.93	4
Akaboti	48.97	4
Gabiro	49.06	4
Kagano	49.08	4
Byinza	49.24	4
Cyanyirankora	49.26	4
Mwoya	49.28	4
Rugogwe	49.46	4
Gitondorero	49.61	4
Nteko	49.86	4
Gakanka	50.20	5
Shororo	50.20	5
Nyabisindu	50.34	5
Giseke	50.42	5
Rusekera	50.80	5
Ruhunga	50.95	5
Masangano	50.99	5
Kamegeri	51.00	5
Giheta	51.07	5
Nyabisagara	51.27	5
Ruganda	51.35	5
Mishungero	51.51	5
Nyaruhombo	51.56	5
Muyira	51.64	5
Kibyagira	51.74	5
Sovu	51.98	5
Uwindekezi	51.98	5
Bigumira	52.09	5
Uwumusebeya	52.17	5
Bukinanyana	52.31	5
Rukore	52.39	5
Remera	52.44	5
Impinga	52.45	5
Kabere	52.67	5
Nyabivumu	52.71	5
Ruhinga	52.73	5
Gitita	52.77	5
Nyamigina	53.12	5
Muganza	53.14	5
Agahabwa	53.34	5
Bwiza	53.54	5
Cyamukuza	53.68	5
Mukomacara	53.69	5
Buhoro	53.72	5
Nyabikenke	53.72	5
Gahira	54.20	5
Nyarurambi	54.24	5
Runyinya	54.25	5
Mutengeri	54.31	5

Cell name	Poverty headcount index	Poverty level
Sabusaro	54.31	5
Ruyenzi	54.35	5
Rambya	54.44	5
Baziro	54.60	5
Cyiri	54.78	5
Uwingugu	54.80	5
Buteteri	54.82	5
Kibu	54.84	5
Byimana	54.88	5
Cyobe	54.90	5
Shaba	54.94	5
Kigarama	54.95	5
Kirehe	55.02	5
Bitandara	55.22	5
Nyamiyaga	55.30	5
Yonde	55.56	5
Gitega	55.62	5
Remera	55.93	5
Zivu	56.11	5
Ramba	56.33	5
Munini	56.39	5
Rugano	56.40	5
Gatovu	56.52	5
Gasagara	56.68	5
Rugogwe	57.03	5
Nyaruteja	57.23	5
Gatovu	57.34	5
Umubanga	57.48	5
Kabumbwe	57.65	5
Gakoma	57.67	5
Bugarama	57.74	5
Musaraba	57.79	5
Ruturo	57.83	5
Runege	57.93	5
Rusagara	58.00	5
Sekera	58.01	5
Mukande	58.06	5
Mukungu	58.17	5
Nkomane	58.28	5
Nkumbure	58.63	5
Rubona	58.65	5
Dahwe	58.67	5
Mukiza	58.68	5
Saga	58.94	5
Mudasomwa	58.95	5
Kimana	59.01	5
Kizimyamuriro	59.14	5
Gabiro	60.26	6
Cyumba	60.27	6
Nyarwungo	60.36	6
Gatovu	60.41	6
Rususa	60.58	6
Nyamugari	60.65	6

Cell name	Poverty headcount index	Poverty level
Nyakibungo	60.86	6
Twiya	61.24	6
Rwamiko	61.28	6
Bakopfu	61.62	6
Mukongoro	61.65	6
Musenyi	61.68	6
Nyeranzi	61.71	6
Nyabitare	62.24	6
Mujuga	62.43	6
Umunini	62.47	6
Muyaga	63.06	6
Gifurwe	63.39	6
Mbogo	63.39	6
Bushigishigi	64.04	6
Shyeru	66.11	6

3. Western Province

Cell name	Poverty headcount index	Poverty level
Bugoyi	2.31	1
Kivumu	3.00	1
Amahoro	4.82	1
Mbugangari	5.80	1
Umuganda	6.32	1
Gihundwe	7.18	1
Kamashangi	8.44	1
Kiniha	9.37	1
Rubavu	10.44	1
Nengo	12.98	1
Kamurera	13.97	1
Kibuye	15.29	1
Cyangugu	16.36	1
Byahi	16.59	1
Kanyefurwe	16.92	1
Myuga	17.73	1
Burunga	17.82	1
Ruganda	19.74	1
Giheke	19.89	1
Gihorwe	20.29	2
Rugarama	21.27	2
Kamatita	21.65	2
Cyamvumba	22.25	2
Batikoti	22.97	2
Ngando	24.01	2
Gisa	24.09	2
Rwaza	24.47	2
Mahoko	25.01	2
Shagasha	25.81	2
Kabaya	25.89	2
Karemereye	26.18	2
Turambi	26.19	2
Bukinanyana	26.49	2
Gahinga	26.69	2

Cell name	Poverty headcount index	Poverty level
Butaka	26.72	2
Karenge	26.98	2
Nyange	27.02	2
Nsherima	27.36	2
Rusumo	28.15	2
Gisanze	28.17	2
Kamanu	28.63	2
Rusayo	28.66	2
Muhira	28.71	2
Kabakobwa	29.33	2
Shara	29.37	2
Kacyuma	29.45	2
Gacaca	29.47	2
Buringo	29.62	2
Kareba	29.64	2
Congo-nil	29.78	2
Buhaza	29.98	2
Rubona	30.07	3
Pera	30.24	3
Karangiro	30.29	3
Tara	30.57	3
Rurengeri	30.75	3
Karambi	30.91	3
Rugerero	30.97	3
Kabagina	31.27	3
Kigenge	31.31	3
Kagarama	31.44	3
Nyarusazi	31.56	3
Kibirizi	32.12	3
Mpinga	32.26	3
Mashyuza	32.36	3
Kijote	32.38	3
Kagara	32.43	3
Mushaka	32.51	3
Nyamirango	32.82	3
Kibogora	33.03	3
Kiziguro	33.12	3
Basumba	33.25	3
Kigenge	33.26	3
Ryamuhirwa	33.28	3
Mashesha	33.28	3
Terimbere	33.39	3
Cyendajuru	33.42	3
Mburamazi	33.56	3
Nyundo	33.61	3
Murambi	33.76	3
Gasebeya	33.80	3
Jaba	33.85	3
Kamashangi	33.99	3
Kabasigirira	34.13	3
Gatare	34.31	3
Rugeshi	34.33	3
Rwinzuki	34.45	3

Cell name	Poverty headcount index	Poverty level
Cyarukara	34.59	3
Hangabashi	34.85	3
Rubugu	35.13	3
Gatsiro	35.30	3
Gatare	35.39	3
Rega	35.50	3
Gakoni	35.51	3
Kanoga	35.66	3
Rusambu	35.70	3
Nyirakigugu	35.76	3
Kanyirabigogo	36.01	3
Nyarutembe	36.11	3
Hehu	36.12	3
Ntura	36.33	3
Rwega	36.42	3
Kangazi	36.54	3
Kora	36.61	3
Buhokoro	36.91	3
Gikombe	36.95	3
Kamurehe	36.99	3
Muhehwe	37.11	3
Bubazi	37.20	3
Ngoma	37.29	3
Miko	37.43	3
Kiyabo	37.50	3
Rugabano	37.52	3
Rega	37.52	3
Kiziho	37.58	3
Kinyaga	37.63	3
Rebero	37.67	3
Kabahinda	37.72	3
Kamanyenga	37.83	3
Gasura	37.86	3
Nyakarera	37.95	3
Gahungeri	38.02	3
Gakoro	38.32	3
Gitwa	38.35	3
Gasura	38.48	3
Rukoko	38.68	3
Nyenji	38.84	3
Mataba	38.85	3
Butambamo	38.85	3
Mpinga	38.91	3
Kirerema	38.93	3
Gikombe	39.00	3
Ryankana	39.02	3
Kamasiga	39.07	3
Kaguriro	39.26	3
Ruragwe	39.30	3
Nyamigina	39.31	3
Gatega	39.39	3
Nkora	39.67	3
Shyembe	39.71	3

Cell name	Poverty headcount index	Poverty level
Ruganda	39.74	3
Murya	39.86	3
Birambo	39.87	3
Nyundo	39.98	3
Gaseke	40.38	4
Ryaruhanga	40.40	4
Nyarunyinya	40.55	4
Cyanya	40.66	4
Kayenzi	40.71	4
Nyange	40.71	4
Mirindi	41.08	4
Gasizi	41.15	4
Nyamitanzi	41.48	4
Nyamugari	41.49	4
Rubaya	41.49	4
Muhororo	41.54	4
Ninzi	41.60	4
Birembo	41.64	4
Nyamikongi	41.69	4
Kiraga	41.70	4
Muti	41.76	4
Kabuye	41.94	4
Runyinya	42.15	4
Gitarama	42.15	4
Gatare	42.15	4
Rususa	42.21	4
Gakomeye	42.23	4
Kabatezi	42.26	4
Kanyamitana	42.28	4
Cyimanzovu	42.29	4
Nyagahondo	42.41	4
Gitega	42.52	4
Nyabintare	42.55	4
Bugarura	42.59	4
Kazabe	42.60	4
Magaba	42.69	4
Tongati	42.79	4
Gitega	42.87	4
Kabilizi	42.88	4
Gatereri	42.90	4
Munanira	42.94	4
Burushya	42.94	4
Bisizi	43.02	4
Birembo	43.07	4
Biruyi	43.12	4
Nsibo	43.14	4
Bushaka	43.26	4
Guriro	43.29	4
Kizura	43.33	4
Gisiza	43.45	4
Ishywa	43.54	4
Buhindure	43.54	4
Gatovu	43.55	4

Cell name	Poverty headcount index	Poverty level
Gasizi	43.59	4
Guriro	43.63	4
Cyingwa	43.67	4
Kabihogo	43.73	4
Shyembe	43.85	4
Kabuga	44.01	4
Kareba	44.13	4
Bigoga	44.21	4
Rugogwe	44.23	4
Cyome	44.42	4
Kabumba	44.51	4
Rubona	44.52	4
Mataba	44.56	4
Nkoto	44.57	4
Gaseke	44.63	4
Mutovu	44.72	4
Nkira	44.76	4
Munanira	44.82	4
Rwariro	44.82	4
Kabageshi	44.93	4
Ryinyo	45.00	4
Bweramana	45.14	4
Nkomane	45.19	4
Rurembo	45.21	4
Kadahenda	45.27	4
Ruhindage	45.30	4
Musasa	45.34	4
Rwamamara	45.35	4
Rukoma	45.44	4
Murambi	45.45	4
Ruhanga	45.46	4
Cyarusera	45.50	4
Kintarure	45.56	4
Marangara	45.57	4
Gisiza	45.66	4
Remera	45.78	4
Kibisabo	45.80	4
Nyaruteme	45.84	4
Nyarugenge	45.85	4
Mubuga	45.91	4
Rugobagoba	45.94	4
Rusororo	45.94	4
Murehe	45.99	4
Burunga	46.01	4
Kavumu	46.05	4
Kamina	46.11	4
Ruhingo	46.22	4
Bumba	46.22	4
Nyagahinika	46.25	4
Buhoro	46.33	4
Nganzo	46.42	4
Gisizi	46.44	4
Tyazo	46.50	4

Cell name	Poverty headcount index	Poverty level
Kanyove	46.56	4
Gikungu	46.60	4
Kigarama	46.61	4
Busigari	46.68	4
Rurara	46.68	4
Mwiyanike	46.70	4
Musasa	46.72	4
Kinigi	46.75	4
Myiha	46.86	4
Gaseke	46.88	4
Rwamiko	46.90	4
Gitwa	46.93	4
Kavumu	47.02	4
Nyagatovu	47.03	4
Nyagisozi	47.08	4
Kamuhoza	47.08	4
Torero	47.13	4
Gakuta	47.15	4
Ryabizige	47.16	4
Kivumu	47.24	4
Mubuga	47.37	4
Munanira	47.39	4
Murangara	47.46	4
Rutare	47.48	4
Nyakamira	47.52	4
Mwendo	47.62	4
Rufungo	47.62	4
Musabike	47.64	4
Gasharu	47.65	4
Nyenyeri	47.68	4
Kamagimbo	47.71	4
Kanyundo	47.73	4
Rwantobo	47.85	4
Gasiza	47.86	4
Bihungwe	47.91	4
Kagatamu	47.97	4
Kavumu	48.04	4
Ndoranyi	48.11	4
Gitabura	48.18	4
Rugamba	48.19	4
Kagabiro	48.22	4
Rukaragata	48.27	4
Gatovu	48.29	4
Rwaza	48.32	4
Nkomane	48.39	4
Kabuga	48.47	4
Cyamabuye	48.49	4
Gasiza	48.51	4
Rukondo	48.53	4
Mwana	48.54	4
Murara	48.60	4
Teba	48.62	4
Bambiro	48.63	4

Cell name	Poverty headcount index	Poverty level
Gatsibo	48.65	4
Binana	48.66	4
Busunzu	48.66	4
Mugano	48.67	4
Kanunga	48.69	4
Mukondo	48.70	4
Butanda	48.79	4
Kinyanzovu	48.81	4
Karengera	48.89	4
Rwenje	48.93	4
Murambi	49.00	4
Tyazo	49.04	4
Mutanda	49.06	4
Karambo	49.09	4
Nzaratsi	49.10	4
Bugina	49.11	4
Kabingo	49.20	4
Nyamushishi	49.23	4
Busoro	49.24	4
Nyacyonga	49.26	4
Burinda	49.33	4
Gihaya	49.39	4
Bunyunju	49.42	4
Karambo	49.50	4
Gabiro	49.53	4
Rwanzekuma	49.55	4
Kabujenje	49.61	4
Kintobo	49.62	4
Biguhu	49.67	4
Cyanzarwe	49.68	4
Makurizo	49.69	4
Cyahafi	49.70	4
Gisovu	49.73	4
Ntendezi	49.74	4
Rushubi	49.76	4
Byogo	49.79	4
Murambi	49.81	4
Nyamiringa	49.94	4
Ruhinga	49.94	4
Kirimbogo	49.98	4
Rwesero	50.07	5
Mucyimba	50.11	5
Rugobagoba	50.17	5
Marantima	50.20	5
Nyamuzi	50.21	5
Rugendabari	50.22	5
Kavomo	50.29	5
Kabere	50.33	5
Sure	50.40	5
Kaseke	50.41	5
Sanza	50.46	5
Shaki	50.46	5
Rubumba	50.48	5

Cell name	Poverty headcount index	Poverty level
Bukiro	50.54	5
Nyarubuye	50.58	5
Rusiza	50.59	5
Mulinga	50.69	5
Rugeyo	50.69	5
Kajinge	50.71	5
Nyamugeyo	50.72	5
Bijyojyo	50.79	5
Bihumbe	50.80	5
Bisesero	50.94	5
Karambi	50.96	5
Twabugezi	51.09	5
Murambi	51.12	5
Nyamasheke	51.15	5
Gatare	51.18	5
Gitega	51.27	5
Rwungo	51.28	5
Mashya	51.48	5
Gihirwa	51.50	5
Kinyovu	51.60	5
Muyira	51.62	5
Mubuga	51.63	5
Bugarura	51.66	5
Mukore	51.69	5
Bunyoni	51.71	5
Murinzi	51.72	5
Nyarushyamba	51.74	5
Rusongati	51.79	5
Mageragere	51.79	5
Yungwe	51.80	5
Busoro	51.83	5
Bitabage	51.90	5
Basa	51.91	5
Terimbere	51.92	5
Gitega	51.92	5
Shangi	51.97	5
Murwa	52.01	5
Micinyiro	52.06	5
Bungwe	52.13	5
Impala	52.19	5
Makoro	52.21	5
Cyivugiza	52.40	5
Gacurabwenge	52.44	5
Kabaya	52.47	5
Gasharu	52.52	5
Gahondo	52.71	5
Kagano	52.76	5
Vuganyana	52.79	5
Gisizi	53.14	5
Arusha	53.15	5
Mataba	53.21	5
Munini	53.31	5
Gasata	53.35	5

Cell name	Poverty headcount index	Poverty level
Kabona	53.49	5
Matare	53.49	5
Gitovu	53.51	5
Nyarusanga	53.58	5
Mberi	53.61	5
Muramba	53.61	5
Ngoma	53.66	5
Birembo	53.70	5
Rasano	53.70	5
Mwendo	53.76	5
Kirwa	53.84	5
Nyabikeri	53.91	5
Gora	53.92	5
Kigarama	53.96	5
Kigarama	54.03	5
Nyamugwagwa	54.09	5
Gihonga	54.13	5
Mubuga	54.15	5
Mubumbano	54.16	5
Mutaho	54.29	5
Nganzo	54.31	5
Rutabi	54.31	5
Bahimba	54.35	5
Rusura	54.36	5
Rungu	54.41	5
Ngoma	54.42	5
Birembo	54.49	5
Gatare	54.54	5
Kigoya	54.57	5
Rwambogo	54.64	5
Rugasa	54.64	5
Rwangara	54.68	5
Tangabo	54.82	5
Kanazi	54.89	5
Rundoyi	55.00	5
Kageshi	55.09	5
Mutongo	55.10	5
Save	55.11	5
Nyamata	55.22	5
Kagarama	55.28	5
Kinyovi	55.29	5
Kagano	55.39	5
Nyarusange	55.50	5
Rwanyakayaga	55.71	5
Remera	55.74	5
Gashubi	55.82	5
Bigugu	55.85	5
Kageshi	55.92	5
Gasiza	55.96	5
Rugeshi	55.96	5
Haniro	56.05	5
Wimana	56.09	5
Rubazo	56.12	5

Cell name	Poverty headcount index	Poverty level
Buvungira	56.20	5
Kirambo	56.25	5
Gatagara	56.26	5
Gisayura	56.41	5
Gitwa	56.67	5
Mariba	56.70	5
Gitwa	56.76	5
Rwufi	56.77	5
Mwendo	56.80	5
Kabarondo	56.84	5
Kabuga	57.01	5
Murengezo	57.05	5
Rugari	57.13	5
Gihira	57.21	5
Shara	57.25	5
Mataba	57.45	5
Nyakabingo	57.66	5
Busuku	57.77	5
Kirwa	57.84	5
Kagarama	57.91	5
Nyamihanda	58.13	5
Mwezi	58.28	5
Kagusa	58.58	5
Kageyo	58.62	5
Gisoke	58.64	5
Raro	58.67	5
Kanyana	58.83	5
Murambi	59.00	5
Cyimpindu	59.06	5
Muhe	59.14	5
Ruronde	59.18	5
Gasheke	59.19	5
Kibanda	59.20	5
Kinyonzwe	59.25	5
Muhororo	59.30	5
Karusimbi	59.34	5
Vugangoma	59.40	5
Miko	59.41	5
Banda	59.41	5
Musenyi	59.55	5
Tetero	59.57	5
Gasayo	59.76	5
Nyabipfura	59.92	5
Karengera	60.13	6
Nyamugari	60.18	6
Rutovu	60.21	6
Kibingo	60.26	6
Gitwe	60.29	6
Gashashi	60.62	6
Muyange	60.62	6
Kigabiro	60.65	6
Butare	60.66	6
Higiro	60.67	6

Cell name	Poverty headcount index	Poverty level
Nyagatare	60.75	6
Karambo	61.08	6
Kinunga	61.34	6
Rushyarara	61.65	6
Rutagara	61.68	6
Kanyege	61.78	6
Ntango	62.13	6
Gasovu	62.59	6
Ngoma	62.79	6
Gako	62.79	6
Burimba	63.48	6
Mugera	63.48	6
Jarama	63.51	6
Jurwe	63.57	6
Nyarusange	64.14	6
Ngoma	64.75	6
Mubuga	64.91	6
Rugari	65.11	6
Mutongo	65.17	6
Susa	65.22	6
Gitwa	65.35	6
Gakenke	65.64	6
Murambi	66.29	6
Mpumbu	66.51	6
Nyakavumu	66.65	6
Bisumo	68.11	6

4. Northern Province

Cell name	Poverty headcount index	Poverty level
Mpenge	5.09	1
Rwebeya	12.60	1
Gisuna	16.56	1
Ruhengeri	18.00	1
Cyabararika	18.71	1
Ruli	21.40	2
Kigombe	22.41	2
Gacurabwenge	25.76	2
Gisesero	26.29	2
Mburabuturo	27.70	2
Bukinanyana	28.20	2
Kabeza	29.06	2
Ruganda	29.06	2
Musagara	29.56	2
Rusagara	30.28	3
Jango	30.78	3
Sahara	31.11	3
Kampanga	31.35	3
Gikingo	31.89	3
Cyabagarura	32.28	3
Cyivugiza	32.78	3

Cell name	Poverty headcount index	Poverty level
Cyivugiza	33.01	3
Kageyo	33.14	3
Huro	33.88	3
Busoro	34.08	3
Burimba	34.55	3
Bikara	34.64	3
Rwesero	34.86	3
Gasiza	35.04	3
Kabushinge	35.44	3
Rurambo	35.68	3
Rwinkuba	35.84	3
Gisiza	35.90	3
Nyonirima	36.15	3
Nyamyumba	36.28	3
Birira	36.29	3
Kaguhu	36.54	3
Nyanza	36.55	3
Joma	36.77	3
Nyamabuye	36.81	3
Murwa	37.09	3
Rwankonjo	37.11	3
Bugaragara	37.27	3
Musenyi	37.59	3
Murandi	37.61	3
Kamisave	37.76	3
Kamwumba	37.87	3
Bwenda	37.91	3
Mbirima	38.26	3
Gasongero	38.35	3
Gihinga	38.35	3
Rugimbu	38.53	3
Mbwe	38.59	3
Murago	38.63	3
Muhaza	38.68	3
Kiruku	38.74	3
Nyagahinga	39.02	3
Rwankuba	39.29	3
Va	39.42	3
Rwamambe	39.57	3
Kabeza	39.69	3
Kivumu	39.70	3
Gisozi	39.74	3
Busanane	39.78	3
Muharuro	39.83	3
Gasiza	40.14	4
Kigarama	40.30	4
Gahinga	40.31	4
Mukoto	40.49	4
Nganzo	40.53	4
Bisoke	40.64	4
Ntaruka	40.73	4
Gasiza	40.91	4
Mugambazi	40.99	4

Cell name	Poverty headcount index	Poverty level
Birambo	40.99	4
Muramba	41.02	4
Muhororo	41.09	4
Barari	41.18	4
Rutabo	41.20	4
Razi	41.26	4
Gatwa	41.37	4
Nkomane	41.49	4
Mucaca	41.54	4
Nyirangarama	41.63	4
Bukoro	41.94	4
Kayenzi	41.96	4
Nyange	41.99	4
Gahinga	42.10	4
Shengampuli	42.14	4
Rwambogo	42.15	4
Mutego	42.20	4
Busake	42.50	4
Kabirizi	42.51	4
Mutanda	42.62	4
Nturo	42.63	4
Ruhinga	42.72	4
Mwumba	42.82	4
Cyogo	42.90	4
Musezero	42.99	4
Kivumu	43.03	4
Murambi	43.04	4
Buranga	43.14	4
Garuka	43.34	4
Rubindi	43.43	4
Mulindi	43.43	4
Kamonyi	43.54	4
Nyamabuye	43.65	4
Shyombwe	43.77	4
Nyarutarama	43.84	4
Taba	43.90	4
Karwasa	44.05	4
Nyarubuye	44.14	4
Gasakuza	44.18	4
Gisovu	44.20	4
Rukura	44.21	4
Nyarubuye	44.21	4
Buruba	44.29	4
Songa	44.36	4
Nkenke	44.39	4
Buheta	44.50	4
Rurembo	44.53	4
Butunzi	44.53	4
Rubona	44.60	4
Rwamahwa	44.61	4
Gashyamba	44.69	4
Rumbi	44.73	4
Munyana	44.82	4

Cell name	Poverty headcount index	Poverty level
Ruyumba	44.84	4
Rusumo	44.85	4
Rutenderi	44.90	4
Cyintare	44.92	4
Mbogo	45.13	4
Mudakama	45.23	4
Karyango	45.26	4
Kabatezi	45.27	4
Gakindo	45.31	4
Kagoma	45.37	4
Rungu	45.43	4
Byibuhiro	45.43	4
Ruhanga	45.47	4
Mubuga	45.60	4
Murambi	45.66	4
Raba	45.69	4
Rutenderi	45.69	4
Bumara	45.77	4
Kigabiro	45.87	4
Mubago	45.89	4
Burehe	46.03	4
Nyabigoma	46.17	4
Bumba	46.19	4
Gataba	46.23	4
Gacundura	46.42	4
Kivugiza	46.47	4
Buramira	46.54	4
Rukore	46.60	4
Kanyanza	46.61	4
Ninda	46.65	4
Gafumba	46.89	4
Karurama	46.98	4
Kajevuba	46.99	4
Mahaza	47.01	4
Nyundo	47.03	4
Nyundo	47.09	4
Rwa	47.10	4
Kirebe	47.12	4
Giko	47.18	4
Sereri	47.23	4
Gasiho	47.37	4
Kivumu	47.51	4
Kamanyana	47.52	4
Kirenge	47.59	4
Nyacyina	47.60	4
Kavumu	47.67	4
Gaseke	47.67	4
Kamina	47.80	4
Butangampundu	47.83	4
Butereri	47.84	4
Rutonde	47.88	4
Mberuka	47.92	4
Kiyanza	47.92	4

Cell name	Poverty headcount index	Poverty level
Kijabagwe	48.04	4
Kabazungu	48.05	4
Kabyiniro	48.06	4
Karangara	48.12	4
Gafuka	48.21	4
Ndarage	48.25	4
Kayenzi	48.29	4
Kibali	48.34	4
Gitare	48.38	4
Kagitega	48.40	4
Ndago	48.41	4
Muhabura	48.46	4
Gihembe	48.57	4
Kidomo	48.61	4
Mudende	48.68	4
Kamubuga	48.70	4
Nkumba	48.70	4
Cyanya	48.87	4
Butare	48.91	4
Taba	48.93	4
Rebero	48.99	4
Butare	49.01	4
Munyana	49.04	4
Karegamazi	49.14	4
Nganzo	49.24	4
Kiryamo	49.32	4
Gashinga	49.36	4
Mbizi	49.46	4
Karukungu	49.76	4
Kidakama	49.83	4
Kabuga	49.83	4
Mbatabata	49.84	4
Ruyange	49.86	4
Rutabo	50.00	4
Rukandabyuma	50.08	5
Gatwa	50.09	5
Murama	50.17	5
Gahabwa	50.17	5
Bubangu	50.30	5
Migeshi	50.31	5
Gisiza	50.32	5
Bugamba	50.35	5
Gakoro	50.41	5
Bungwe	50.42	5
Mugari	50.46	5
Rwesero	50.48	5
Ngiramazi	50.56	5
Nyamugari	50.57	5
Rusambya	50.62	5
Gikombe	50.76	5
Muvumu	50.76	5
Gatwaro	50.78	5
Bugomba	50.85	5

Cell name	Poverty headcount index	Poverty level
Nyagahinga	50.95	5
Mubuga	51.25	5
Mwumba	51.26	5
Murwa	51.28	5
Rugeshi	51.29	5
Buramba	51.39	5
Nyirabirori	51.41	5
Musasa	51.42	5
Marembo	51.44	5
Horezo	51.54	5
Mucaca	51.65	5
Mutarama	51.88	5
Nyaruka	51.91	5
Nyagisozi	52.02	5
Karambo	52.04	5
Gahumuliza	52.10	5
Mugote	52.26	5
Migendezo	52.28	5
Misezero	52.31	5
Kiruhura	52.34	5
Rurenge	52.34	5
Kinyami	52.50	5
Kirabo	52.50	5
Buyange	52.61	5
Cyahi	52.64	5
Gasiza	52.65	5
Rugerero	52.79	5
Taba	52.79	5
Gahororo	52.89	5
Rwasa	52.89	5
Nkoto	52.93	5
Karengeri	53.02	5
Nyabubare	53.04	5
Mubuga	53.07	5
Rukore	53.27	5
Kabaya	53.28	5
Budakiranya	53.33	5
Kabare	53.35	5
Bukwashuri	53.42	5
Mariba	53.58	5
Gitumba	53.63	5
Tumba	53.64	5
Shangasha	53.64	5
Buraro	53.77	5
Munyarwanda	53.78	5
Kigarama	53.84	5
Gabiro	53.84	5
Karambo	53.89	5
Murama	53.97	5
Rurembo	54.00	5
Gashoro	54.07	5
Kibuguzo	54.12	5
Cyuru	54.14	5

Cell name	Poverty headcount index	Poverty level
Rubona	54.20	5
Kabona	54.31	5
Rwasa	54.37	5
Kigabiro	54.40	5
Mwiyando	54.41	5
Mataba	54.46	5
Gako	54.46	5
Rebero	54.47	5
Nyamiyaga	54.48	5
Musenyi	54.49	5
Mvuzo	54.55	5
Kivumu	54.60	5
Kilibata	54.65	5
Cyohoha	54.66	5
Mushari	54.69	5
Cyeru	54.71	5
Ngondore	54.72	5
Gisizi	54.80	5
Gakingo	54.91	5
Nyirataba	54.92	5
Rwili	55.02	5
Nyamiyaga	55.26	5
Taba	55.27	5
Nyakabungo	55.35	5
Kaganda	55.36	5
Kabuga	55.42	5
Rwambogo	55.46	5
Kabuga	55.48	5
Rushara	55.51	5
Cyeya	55.53	5
Gitatsa	55.54	5
Nyangwe	55.58	5
Nyabishambi	55.66	5
Rudogo	55.68	5
Kabeza	55.84	5
Nyanamo	55.90	5
Runoga	55.92	5
Gashirira	55.94	5
Cyamuganga	55.99	5
Bwimo	56.02	5
Ndongozi	56.09	5
Mukono	56.22	5
Kiringa	56.41	5
Karama	56.46	5
Ngange	56.53	5
Gatsibo	56.54	5
Ruhanga	56.58	5
Rebero	56.78	5
Rugari	56.80	5
Kamushenyi	56.96	5
Gatoma	56.98	5
Gasharu	57.14	5
Sayo	57.19	5

Cell name	Poverty headcount index	Poverty level
Nyarubuye	57.28	5
Gishari	57.39	5
Busoro	57.54	5
Mwendo	57.67	5
Karenge	57.69	5
Rusekera	57.77	5
Tanda	57.99	5
Nyamicucu	58.00	5
Nyarwambu	58.05	5
Muhotora	58.12	5
Miyove	58.13	5
Mudugari	58.20	5
Gatenga	58.20	5
Musasa	58.27	5
Bushara	58.38	5
Gitovu	58.50	5
Gatobotobo	58.51	5
Cyamuhinda	58.53	5
Kigabiro	58.70	5
Kamutora	58.77	5
Muguramo	58.81	5
Bwisige	58.83	5
Nyakabungo	58.85	5
Mabare	58.88	5
Musenda	58.90	5
Gatare	58.91	5
Kigabiro	59.01	5
Bushenya	59.04	5
Muhambo	59.10	5
Rukurura	59.17	5
Marembo	59.32	5
Ruconsho	59.45	5
Rwagihura	59.49	5
Gihanga	59.53	5
Nyiragifumba	59.54	5
Munyinya	59.56	5
Gaseke	59.60	5
Rutete	59.60	5
Butare	59.63	5
Gakenke	59.66	5
Kivugiza	59.79	5
Nyambare	59.86	5
Murehe	59.97	5
Gasunzu	60.10	6
Cyandaro	60.23	6
Nyabushingitwa	60.29	6
Kabuga	60.63	6
Kigoma	60.83	6
Gasambya	60.90	6
Kiziba	60.94	6
Muhondo	60.97	6
Rutovu	61.34	6
Munanira	61.37	6

Cell name	Poverty headcount index	Poverty level
Kitazigurwa	61.38	6
Ruhondo	61.51	6
Karambo	61.51	6
Rusekera	61.76	6
Gashanje	61.82	6
Kabuga	61.84	6
Kigogo	61.93	6
Yaramba	61.95	6
Mbuye	62.17	6
Kinishya	62.23	6
Mutandi	62.49	6
Gishambashayo	62.82	6
Ryaruyumba	63.05	6
Kabeza	63.15	6
Bikumba	63.98	6
Rusasa	64.45	6
Mubuga	64.63	6
Jamba	64.68	6
Gitega	64.87	6
Remera	65.16	6
Nyiravugiza	65.36	6
Gihuke	65.86	6

5. Southern Province

Cell name	Poverty headcount index	Poverty level
Cyanya	9.47	1
Nyamatayumujyi	11.72	1
Karenge	12.55	1
Nyagasenyi	12.99	1
Nyagatovu	15.91	1
Cyabajwa	16.30	1
Bwiza	16.40	1
Karenge	16.41	1
Kayonza	16.51	1
Cyasemakamba	16.64	1
Nyabubare	16.66	1
Barija	17.12	1
Gishore	17.45	1
Nyarusange	18.22	1
Nyagatare	18.30	1
Akinyambo	18.57	1
Rusera	19.53	1
Kabasore	19.87	1
Sibagire	20.17	2
Bwinsanga	20.59	2
Ruhuha	20.75	2
Urugarama	20.77	2
Nsinda	21.00	2
Kiyovu	21.01	2
Nyarukombe	21.10	2
Matimba	21.14	2
Byimana	21.49	2
Akanzu	21.73	2

Cell name	Poverty headcount index	Poverty level
Mukoyoyo	22.26	2
Kagenge	22.88	2
Cyinzovu	22.98	2
Karitutu	22.99	2
Rukara	23.03	2
Munini	23.03	2
Nkondo	23.20	2
Kirehe	23.27	2
Byimana	23.41	2
Mbarara	23.64	2
Kabare	23.79	2
Bushenyi	24.10	2
Ntebe	24.17	2
Rurambi	24.32	2
Gihinga	24.63	2
Karambi	24.87	2
Nyakagunga	24.99	2
Isangano	25.00	2
Nyagasambu	25.09	2
Cyarubare	25.27	2
Ruhimbi	25.37	2
Kangamba	25.62	2
Rwimbogo	25.62	2
Nyamugari	25.70	2
Murehe	25.83	2
Rugarama	25.84	2
Nyamagana	26.01	2
Karambi	26.15	2
Kageyo	26.16	2
Bihembe	26.26	2
Gatare	26.31	2
Kimaranzara	26.57	2
Kiyenzi	26.76	2
Murama	27.03	2
Bugambira	27.15	2
Musha	27.27	2
Gitara	27.52	2
Shyogo	27.89	2
Bicaca	27.91	2
Ruhunda	27.93	2
Kayumba	28.03	2
Mbyo	28.15	2
Ryamanyoni	28.29	2
Nyawera	28.50	2
Murama	28.58	2
Biryogo	28.64	2
Rubumba	28.69	2
Rubimba	28.73	2
Ntunga	28.78	2
Gashenyi	28.79	2
Murambi	28.86	2
Ngarama	28.89	2
Bujyujyu	29.13	2

Cell name	Poverty headcount index	Poverty level
Nyakanazi	29.62	2
Muko	29.71	2
Gikaya	29.75	2
Kahi	30.04	3
Bunyentongo	30.18	3
Maranyundo	30.18	3
Rusave	30.22	3
Nkamba	30.27	3
Nyamatete	30.35	3
Cyimbazi	30.41	3
Nyabagendwa	30.43	3
Karambi	30.49	3
Kibenga	30.49	3
Buhabwa	30.59	3
Rwisirabo	30.66	3
Gihumuza	30.74	3
Bwiza	30.77	3
Musumba	30.77	3
Mahango	30.82	3
Kawangire	30.86	3
Ntarama	30.86	3
Kindama	30.86	3
Kigarama	30.87	3
Kanzenze	30.90	3
Juru	30.92	3
Karama	31.09	3
Bicumbi	31.25	3
Karera	31.38	3
Rugari	31.38	3
Rugendabari	31.40	3
Byeza	31.47	3
Murama	31.62	3
Gati	31.81	3
Murundi	31.87	3
Cyugaro	31.88	3
Kabukuba	31.94	3
Karambi	32.02	3
Migera	32.15	3
Ruyonza	32.25	3
Kabura	32.26	3
Kanyangese	32.30	3
Cyarukamba	32.33	3
Umubuga	32.41	3
Gakamba	32.48	3
Kabarore	32.48	3
Kabuye	32.49	3
Kabatasi	32.52	3
Runyinya	32.69	3
Kibirizi	32.84	3
Rugarama	32.85	3
Kabeza	32.87	3
Rugunga	33.05	3
Ntebe	33.29	3

Cell name	Poverty headcount index	Poverty level
Kitazigurwa	33.37	3
Nyakabanda	33.51	3
Mutamwa	33.51	3
Kavumu	33.54	3
Karaba	33.58	3
Kampeka	33.59	3
Mburabuturo	33.60	3
Mwulire	33.60	3
Kagezi	33.63	3
Bitaba	33.78	3
Nyamiryango	34.04	3
Musovu	34.19	3
Kagarama	34.21	3
Rweri	34.76	3
Kaduha	34.81	3
Binunga	35.13	3
Nyamugari	35.15	3
Kibare	35.19	3
Nyarurema	35.44	3
Mugera	35.51	3
Sovu	35.79	3
Kagitumba	36.15	3
Ruhanga	36.36	3
Mabare	36.43	3
Juru	36.45	3
Rweru	36.47	3
Rwimishinya	36.58	3
Kabeza	36.60	3
Gakenke	36.72	3
Nyamirembe	36.74	3
Rutaraka	36.78	3
Nsheke	36.86	3
Nyabwishongwezi	36.87	3
Binunga	37.06	3
Rwempasha	37.10	3
Rwimiyaga	37.14	3
Akabuga	37.23	3
Byinza	37.45	3
Kinunga	37.48	3
Sasabirago	37.48	3
Rurenge	37.76	3
Nziranziza	37.77	3
Gihuta	37.77	3
Bwana	37.82	3
Batima	37.83	3
Nyagihunika	37.93	3
Buliba	38.02	3
Rwinume	38.09	3
Nawe	38.14	3
Akabare	38.20	3
Ryabega	38.20	3
Byimana	38.21	3
Rurenge	38.28	3

Cell name	Poverty headcount index	Poverty level
Kagomasi	38.38	3
Rugarama	38.51	3
Rebero	38.53	3
Gahama	38.56	3
Nyabikokora	38.60	3
Gikundamvura	38.68	3
Tabagwe	38.72	3
Nkungu	38.73	3
Agakomeye	38.74	3
Nyarupfubire	39.04	3
Mimuri	39.13	3
Kamombo	39.17	3
Kanazi	39.19	3
Budahanda	39.33	3
Nyarubuye	39.34	3
Kibatsi	39.43	3
Nemba	39.45	3
Rango	39.52	3
Gahurire	39.75	3
Bukora	39.75	3
Gitenga	39.84	3
Rubirizi	39.88	3
Ramiro	39.99	3
Nyakiga	40.04	4
Nyakigando	40.11	4
Nyabisindu	40.17	4
Muganza	40.18	4
Bushenyi	40.29	4
Gatanga	40.35	4
Mununu	40.40	4
Gikagati	40.47	4
Rugando	40.53	4
Bibare	40.63	4
Kibungo	40.64	4
Mpanga	40.77	4
Mugorore	40.94	4
Gitaraga	40.97	4
Kazaza	41.04	4
Musenyi	41.14	4
Rugarama	41.18	4
Bushoga	41.19	4
Kigabiro	41.22	4
Gasinga	41.26	4
Muhurire	41.29	4
Rugarama	41.39	4
Rwenyemera	41.39	4
Kabare	41.40	4
Musenyi	41.41	4
Nyamirama	41.43	4
Kiburara	41.47	4
Taba	41.56	4
Rulindo	41.59	4
Kabuye	41.60	4

Cell name	Poverty headcount index	Poverty level
Mvumba	41.67	4
Kamabuye	41.69	4
Nyabikiri	41.71	4
Nyakagarama	41.72	4
Gakomeye	41.78	4
Bugarama	41.94	4
Nyagatugunda	41.98	4
Saruhembe	42.03	4
Nyabitekeri	42.08	4
Nyinya	42.10	4
Umukamba	42.21	4
Ngeruka	42.21	4
Cyinyana	42.23	4
Kizirakome	42.27	4
Kiremera	42.33	4
Kabeza	42.34	4
Musaza	42.36	4
Nyarubuye	42.43	4
Bukomane	42.44	4
Kamagiri	42.45	4
Rwensheke	42.49	4
Manishya	42.50	4
Bugera	42.51	4
Karenge	42.51	4
Rutare	42.56	4
Sakara	42.60	4
Gatonde	42.66	4
Kanyangese	42.69	4
Gacundezi	42.74	4
Gihembe	42.75	4
Nyaruvumu	42.77	4
Rutare	42.82	4
Zinga	42.82	4
Tunda	42.91	4
Nyangara	42.92	4
Rukorota	42.96	4
Gahurura	43.01	4
Ryeru	43.03	4
Gicaca	43.12	4
Rwikiniro	43.19	4
Munini	43.22	4
Cyambwe	43.23	4
Rwanteru	43.25	4
Nyakayaga	43.30	4
Rurenge	43.39	4
Rwentanga	43.41	4
Nyamikamba	43.49	4
Nyagahanga	43.55	4
Rubaya	43.60	4
Cyenjonjo	43.65	4
Cyanya	43.73	4
Musheri	43.76	4
Cyenkwanzi	43.86	4

Cell name	Poverty headcount index	Poverty level
Gitengure	43.88	4
Ngenda	43.88	4
Ruhembe	44.02	4
Gakoni	44.11	4
Kagasa	44.11	4
Ndatemwa	44.17	4
Gakirage	44.34	4
Simbwa	44.35	4
Karama	44.38	4
Nyakayenzi	44.40	4
Gasarabwayi	44.54	4
Cyabayaga	44.56	4
Rugarama Ii	44.57	4
Nasho	44.59	4
Nyendo	44.65	4
Mutenderi	44.65	4
Rwanyamuhanga	44.67	4
Rumuli	44.72	4
Cyembogo	44.74	4
Gikundamvura	44.76	4
Rugoma	44.83	4
Rubagabaga	44.87	4
Gahima	44.88	4
Kabeza	45.04	4
Cyagaju	45.08	4
Gituza	45.09	4
Kazizi	45.12	4
Musya	45.17	4
Nyamatete	45.20	4
Nyabigega	45.21	4
Murambi	45.23	4
Kirehe	45.30	4
Mutsindo	45.31	4
Bushara	45.36	4
Giseri	45.39	4
Nyamigina	45.40	4
Kabagugu	45.45	4
Nyagashanga	45.45	4
Gishororo	45.47	4
Nyarutunga	45.48	4
Bayigaburire	45.51	4
Nkomangwa	45.52	4
Bihari	45.58	4
Nyankurazo	45.67	4
Mwendo	45.67	4
Mwoga	45.69	4
Cyunuzi	45.72	4
Biharagu	45.77	4
Rugarama I	45.84	4
Burenge	45.88	4
Mbare	45.89	4
Gafunzo	45.90	4
Nyamiyonga	46.01	4

Cell name	Poverty headcount index	Poverty level
Murama	46.12	4
Kabuga	46.16	4
Nyabicwamba	46.33	4
Munini	46.33	4
Ntoma	46.44	4
Mahoro	46.44	4
Curazo	46.48	4
Nyagatabire	46.61	4
Gatsibo	46.63	4
Kintambwe	46.63	4
Rurenge	46.77	4
Ntoma	46.79	4
Rugese	46.82	4
Kaduha	46.84	4
Rwintashya	46.90	4
Marimba	46.95	4
Kiyanzi	46.97	4
Gitinda	47.00	4
Rubona	47.03	4
Kibirizi	47.06	4
Rwarenga	47.08	4
Tovu	47.17	4
Kijojo	47.19	4
Matunguru	47.21	4
Bugamba	47.22	4
Muzingira	47.32	4
Mamfu	47.46	4
Rukomo Ii	47.47	4
Kabuga	47.53	4
Karujumba	47.65	4
Nyagakombe	47.65	4
Nganda	47.70	4
Gihinga	47.72	4
Rwabutazi	47.75	4
Teme	47.79	4
Kagese	47.82	4
Nyagasozi	47.87	4
Gakoma	47.89	4
Gatarama	47.92	4
Kabungo	47.93	4
Bushobora	48.06	4
Akaziba	48.09	4
Rugarama	48.10	4
Kibimba	48.16	4
Nyakerera	48.16	4
Nyagasenyi	48.26	4
Nyamirama	48.27	4
Jarama	48.30	4
Kankobwa	48.33	4
Nyamirama	48.46	4
Kibonde	48.50	4
Nyamugari	48.55	4
Nyabisindu	48.57	4

Cell name	Poverty headcount index	Poverty level
Rubira	48.58	4
Mugatare	48.60	4
Rujambara	48.63	4
Rwesero	48.67	4
Kagina	48.70	4
Mayange	48.78	4
Kibare	48.81	4
Kigarama	49.00	4
Mishenyi	49.02	4
Remera	49.04	4
Busetsa	49.13	4
Bwera	49.14	4
Matare	49.28	4
Nkanga	49.32	4
Rukoma	49.35	4
Rugazi	49.38	4
Cyamigurwa	49.43	4
Murambi	49.49	4
Rwikubo	49.50	4
Rwankuba	49.50	4
Ruhinga	49.52	4
Rutoma	49.68	4
Nyagisozi	49.71	4
Bisagara	49.72	4
Mushongi	49.80	4
Akagarama	49.85	4
Bufunda	49.94	4
Nyabitare	50.04	5
Karambo	50.04	5
Rubago	50.10	5
Kigabiro	50.11	5
Kanyeganyege	50.12	5
Butiruka	50.16	5
Mubuga	50.19	5
Kintu	50.23	5
Kinyonzo	50.30	5
Ntovi	50.37	5
Rwantonde	50.38	5
Kigarama	50.40	5
Rubimba	50.41	5
Nyamirambo	50.46	5
Ndekwe	50.48	5
Kanyonza	50.61	5
Mareba	50.69	5
Karwema	50.69	5
Kagasa	50.75	5
Mpondwa	50.77	5
Nkoma	50.78	5
Kigoma	50.78	5
Ihanika	50.83	5
Karubungo	50.85	5
Rwimitereri	50.88	5
Ntanga	50.89	5

Cell name	Poverty headcount index	Poverty level
Katabagemu	50.89	5
Bibare	50.96	5
Nyange	51.02	5
Cyerwa	51.07	5
Ndego	51.14	5
Nyagasozi	51.19	5
Rugarama	51.41	5
Rutonde	51.43	5
Kimana	51.51	5
Rubona	51.54	5
Rwayikona	51.57	5
Butezi	51.66	5
Akabungo	51.69	5
Mbogo	51.73	5
Birenga	51.74	5
Shonga	51.77	5
Kamate	51.81	5
Ndama	51.88	5
Nyamirama	51.96	5
Rubira	52.05	5
Bwiyorere	52.19	5
Cyabusheshe	52.21	5
Gihengeri	52.38	5
Murambi	52.54	5
Murehe	52.59	5
Mazane	52.74	5
Ntaruka	52.83	5
Nyakagezi	52.87	5
Kigasha	53.26	5
Nyakabungo	53.36	5
Viro	53.50	5
Nkanga	53.53	5
Muhamba	53.56	5
Nyarubungo	53.59	5
Gakorokombe	53.77	5
Karambi	53.81	5
Nyagitabire	54.15	5
Kigabiro	54.32	5
Gatete	54.39	5
Gataba	54.42	5
Nyamiyaga	54.47	5
Kibare	54.68	5
Munege	55.16	5
Gituza	55.42	5
Karenge	56.01	5
Nyagatoma	56.05	5
Kirebe	56.30	5
Kabuye	57.11	5
Gishuro	57.42	5
Rutungu	57.44	5
Sharita	62.10	6

Annex 3: Contributors to the Poverty Mapping Analysis Report

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