



Section K: Education Introduction

During the census year, the government rolled out the Competency-Based Curriculum (CBC) which covered pre-primary and primary grades 1, 2 and 3. Reforms were also implemented in the teacher education curriculum framework to align it with the CBC. The 2019 Census results provided indicators that would assist in planning and policy formulation for the education sector. Further, the indicators are aligned to SDG 4 and can be used for international reporting and comparison

23.5% - 80.3%

Range in GER for Garissa, Wajir, Mandera, Marsabit and Turkana counties. Analysis of sex differentials show that the distribution of the GER among males and females follows the same pattern as that of total GER



Definitions of Key Terms and Concepts

Enrolment: Individuals officially registered in a given education programme, stage or module thereof, regardless of age.

Gross Enrolment Rate (GER): Total enrolment in a specific level of education, regardless of age, expressed as a percentage of the eligible official school-age population corresponding to the same level of education in a given school year.

Net Enrolment Rate (NER): Enrolment of the official age group for a given level of education expressed as a percentage of the corresponding population.

Out-of-School Rate: Children and young people in the official age range for the given level of education who are not enrolled in primary, secondary or higher levels of education.

Dropout Rate: Proportion of pupils from a cohort enrolled in a given grade at a given school year who are no longer enrolled in the following school year. The analysis of the 2019 Census data has computed the dropout rate as the proportion of the population that left school before completion of primary or secondary school education cycle to those who ever attended school.

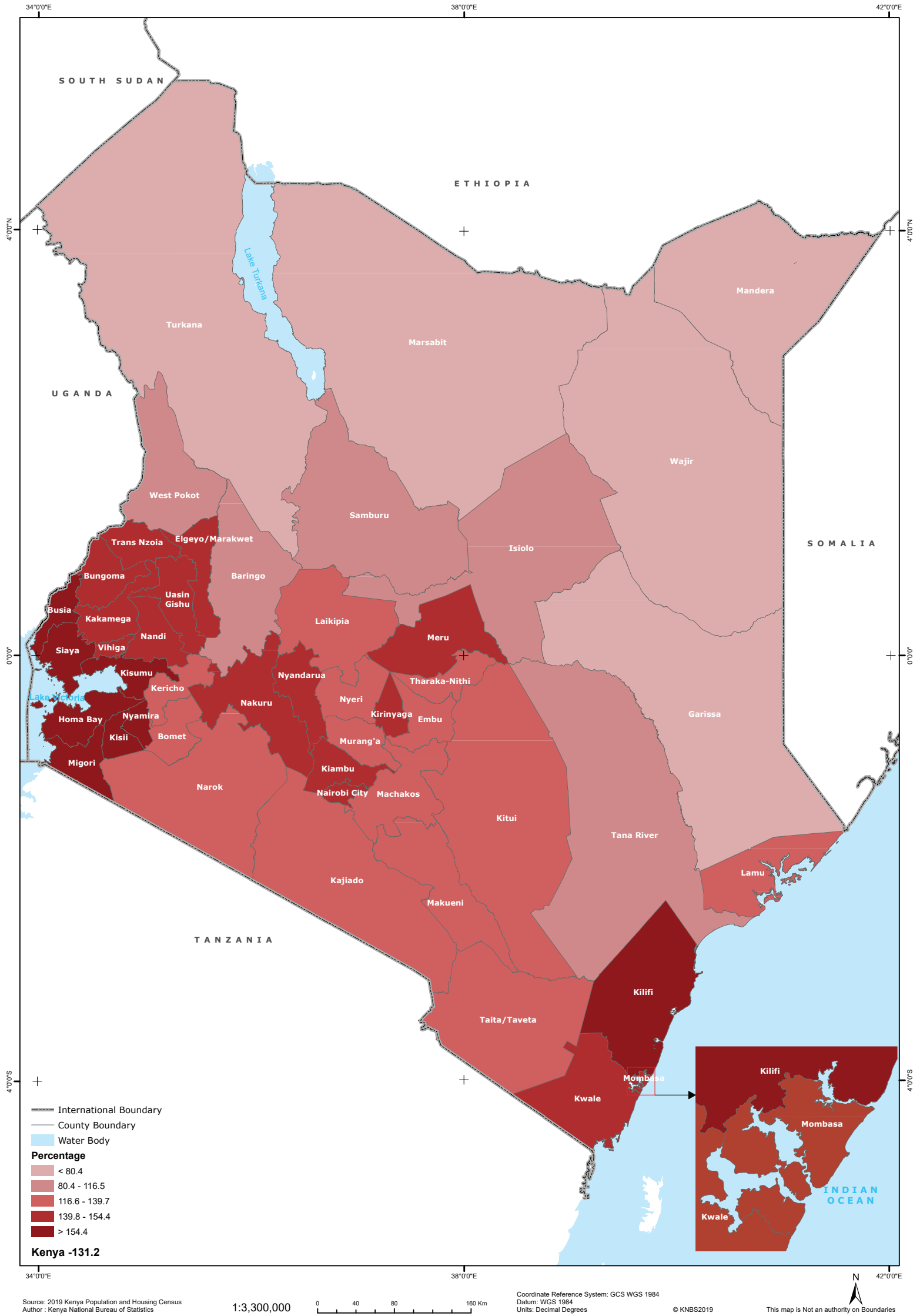
K.1: Pre-Primary Education Gross Enrolment Rate

Gross Enrolment Rate (GER) is one of the indicators of access to education. As shown in Map K.1, the GER in pre-primary considers ages 4 and 5 which are basically the PP1 and PP2. The GER recorded during the Census was above 100 per cent for most of the counties that are not within the ASAL areas. Counties with GER above 154.4 per cent were Kilifi, Busia, Siaya, Kisumu, Homa Bay, Migori, Kisii, and Nyamira. The GER for Garissa, Wajir, Mandera, Marsabit and Turkana counties ranged between 23.5 per cent and 80.3 per cent. Analysis of sex differentials show that the distribution of the GER among males and females follows the same pattern as that of total GER. Male GER was the highest ranging between 156.0 per cent and 179.3 per cent while the female GER was ranging between 153.0 per cent and 175.7 per cent as shown in maps K.1A and K.1B.

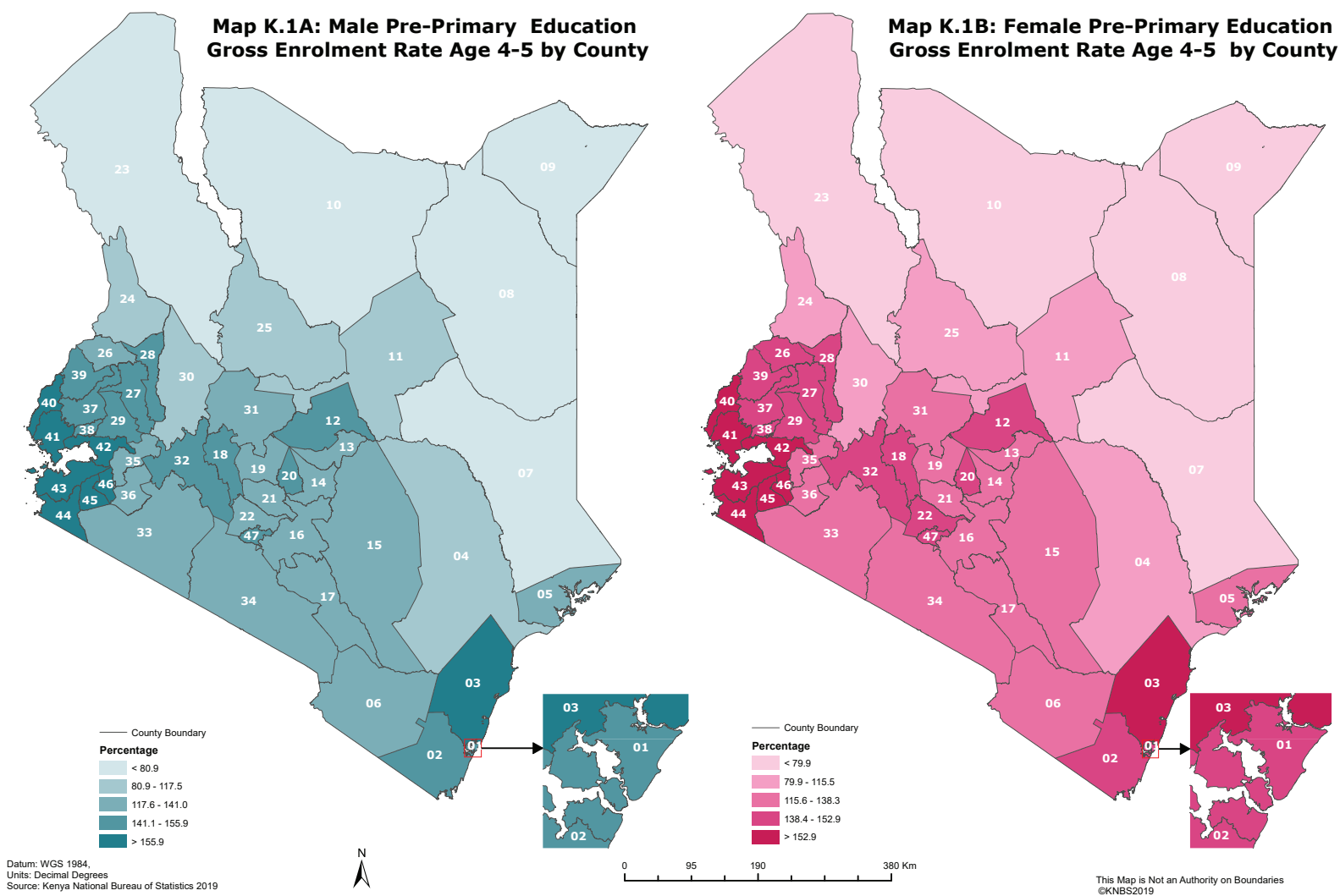


The Gross Enrolment Rate in pre-primary considers ages 4 and 5 which are basically the PP1 and PP2. The GER recorded during the Census was above 100 per cent for most of the counties that are not within the ASAL areas. Counties with GER above 154.4 per cent were Kilifi, Busia, Siaya, Kisumu, Homa Bay, Migori, Kisii, and Nyamira

Map K 1 : Pre-Primary Education Total Gross Enrolment Rate Age 4-5 by County



Map K.1.A and B Male and Female Pre-Primary Education Gross Enrolment Rate Age 4-5 by County

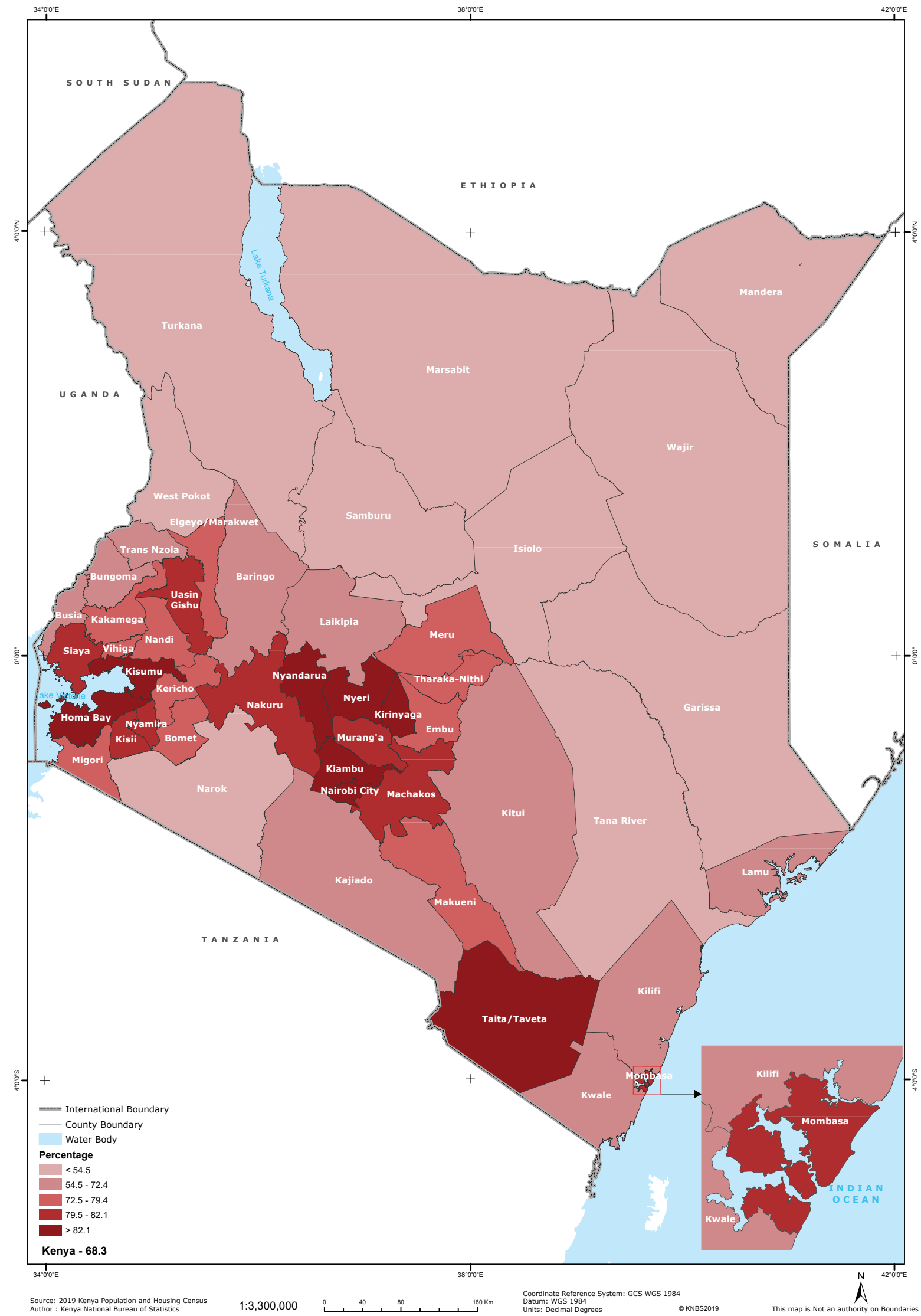


K.2: Pre-Primary Education Net Enrolment Rate Age 4-5 years

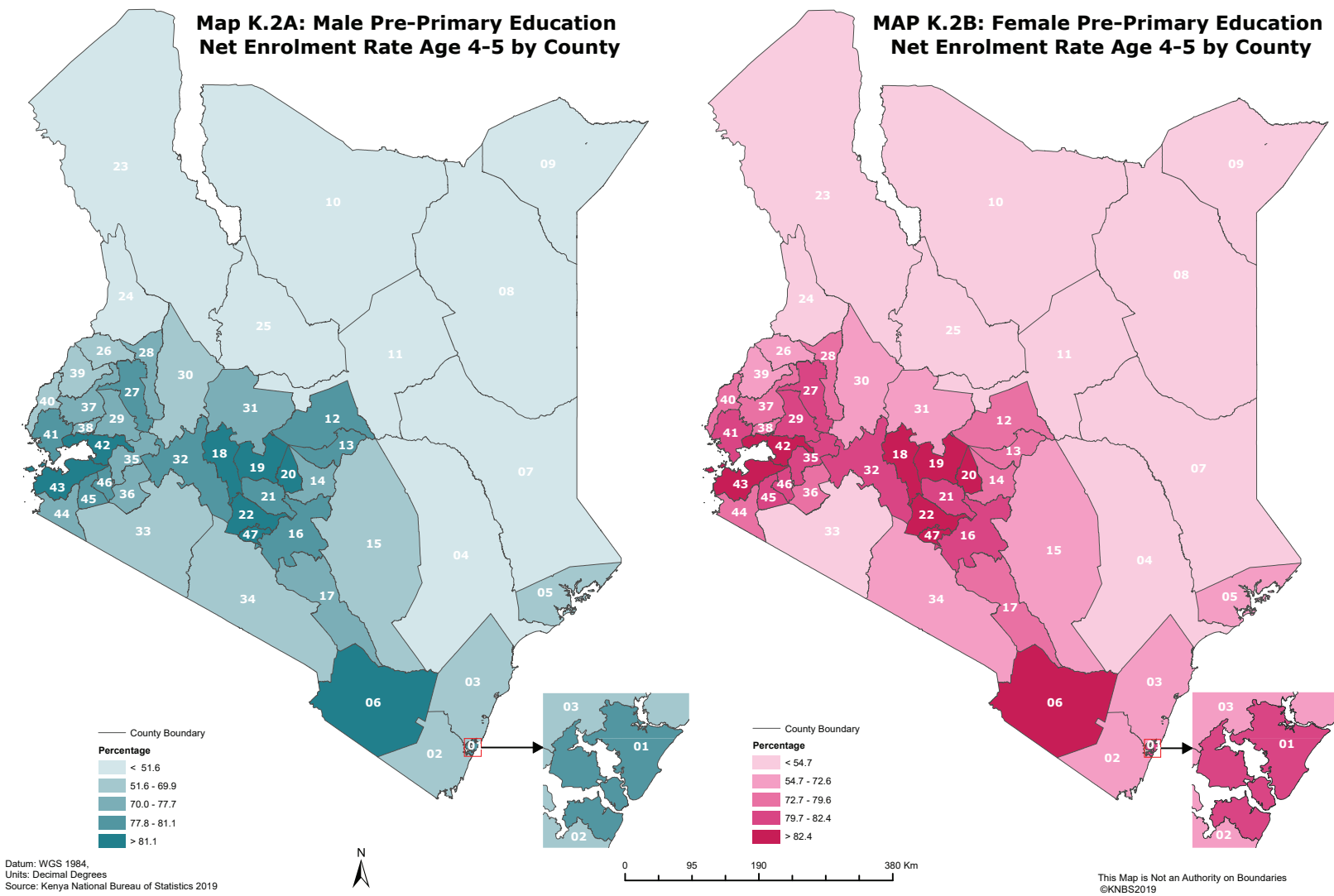
Net Enrolment Rate (NER) indicator gives the extent of coverage in a given level of education of children belonging to the official age group corresponding to the same level of education. Map K.2 shows that total NER for pre-primary varied across the counties. Counties with NER of 82.2 per cent and above are Taita/Taveta, Kirinyaga, Kiambu, Nairobi City, Nyeri, Nyandarua, Kisumu and

Homa Bay. The NER for Narok, West Pokot, Isiolo, Samburu, Tana River, Marsabit, Mandera, Wajir and Garissa counties ranged between 8.2 per cent and 54.5 per cent. A similar pattern is observed in the NER of males and females in all the counties as shown in maps K.2A and K.2B.

Map K 2.: Pre-Primary Education Total Net Enrolment Rate Age 4-5 by County



Map K.2.A and B Male and Female Pre-Primary Education Net Enrolment Rate Age 4-5 by County



K.3: Gross Enrolment Rate in Primary School

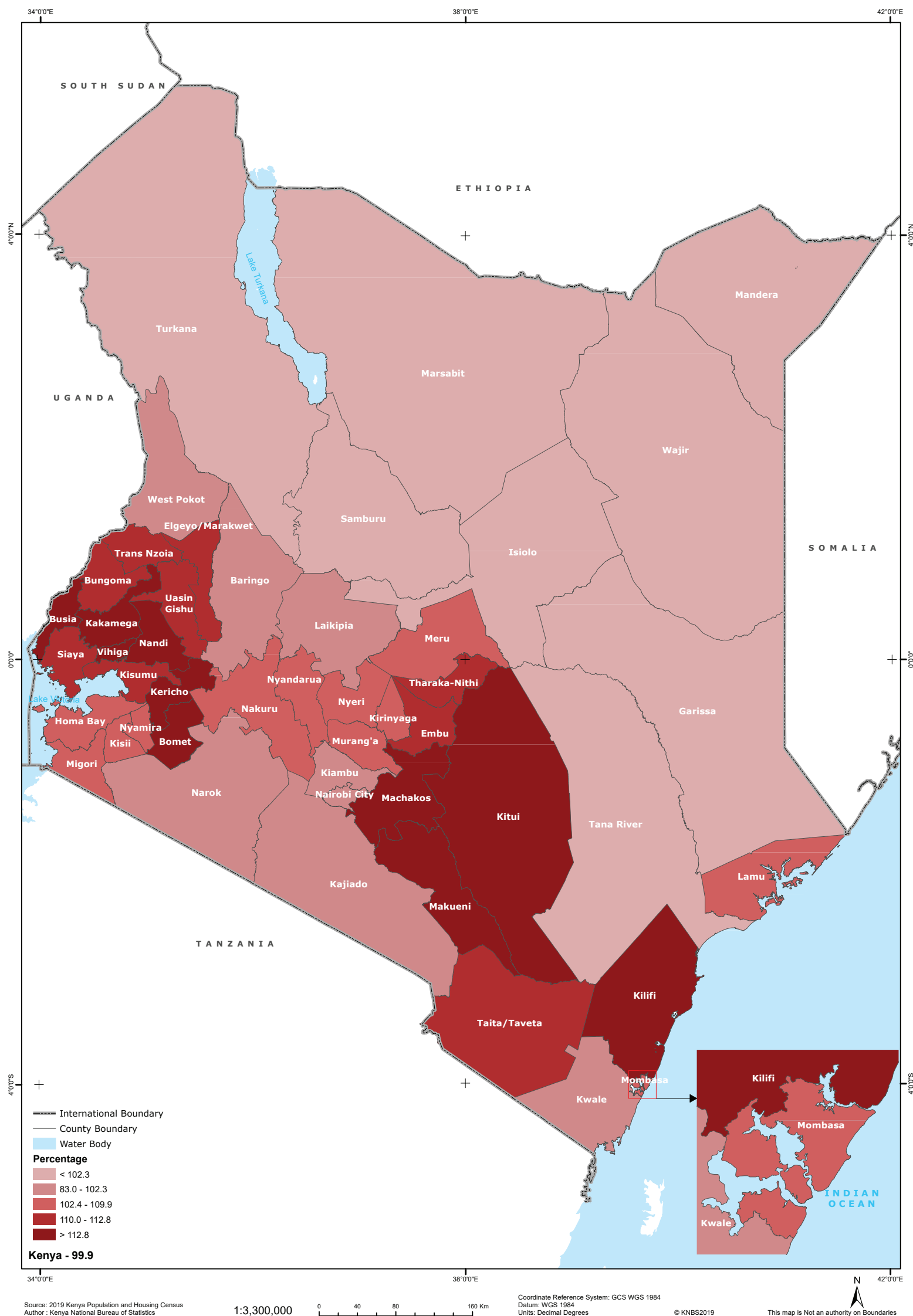
Gross Enrolment Rate in primary school by County is as shown in Map K.3. Counties with the highest GER of 120 per cent were Kilifi, Makueni, Kitui, Machakos, Bomet, Kericho, Nandi, Kakamega and Busia. About 18 counties had a GER between 110 per cent and 120 per cent. All counties within

the ASAL areas had GER between 33 and 83 per cent. GER for males and females in primary school depicts a similar pattern with higher GER for males than for females as shown in maps K.3A and K.3B.

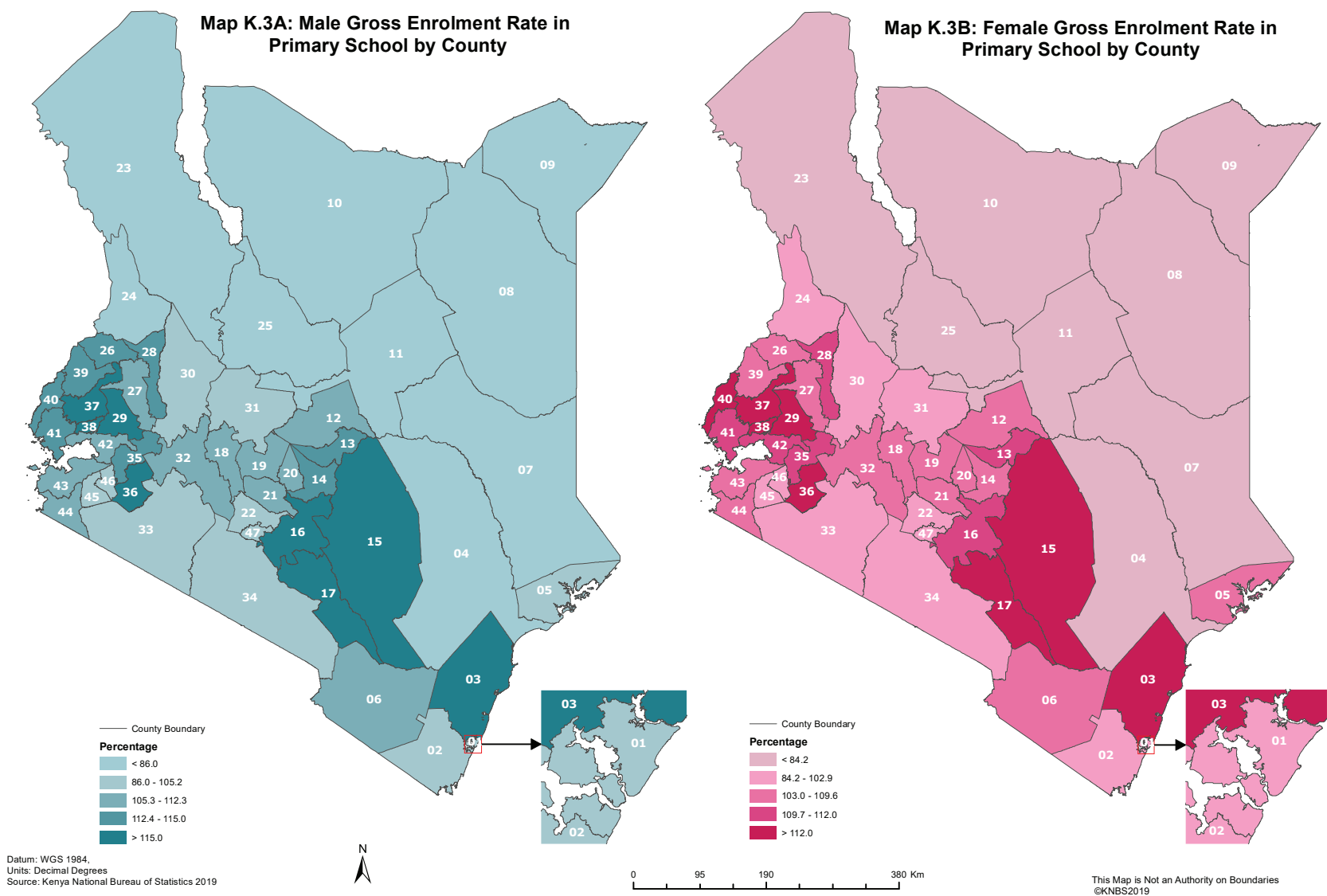


All counties within the ASAL areas had GER between 33 and 83 per cent. GER for males and females in primary school depicts a similar pattern with higher GER for males than for females as shown in maps K.3A and K.3B.

Map K 3 : Gross Enrolment Rate in Primary School by County



Map K.3.A and B :Male and Female Gross Enrolment Rate in Primary School by County



K.4: Net Enrolment Rate in Primary School

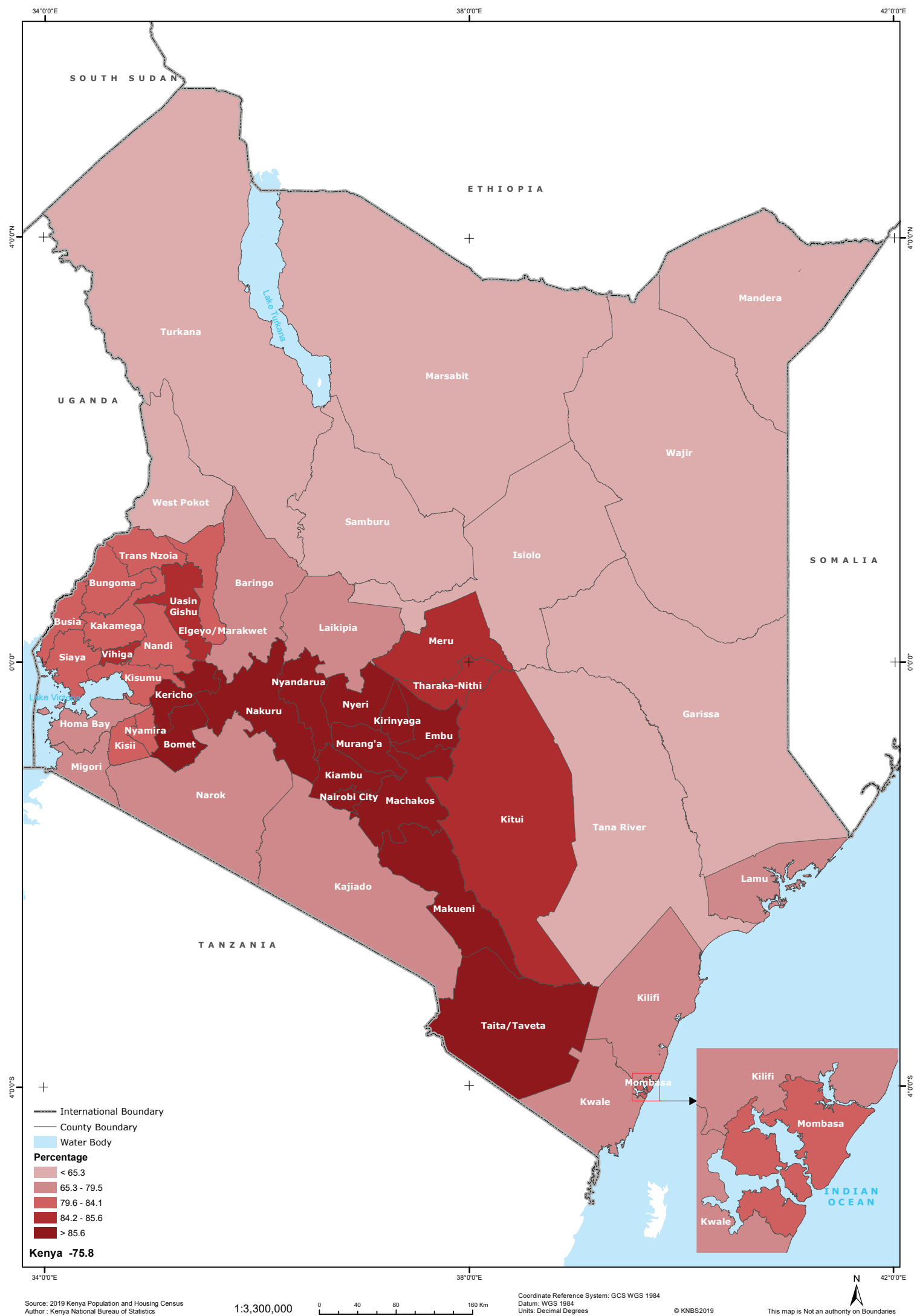
Map K.4 presents Total Net Enrolment Rate for primary school by county. The denominator for computation of the Net Enrolment Rate for primary school is the population of children aged 6-13 while the numerator is children aged 6-13 that were attending primary school at the time of the Census. Counties with total NER between 85.7 per cent and 90.3 per cent were Taita/Taveta, Makueni, Machakos,

Nairobi City, Kiambu, Muranga, Kirinyaga, Embu, Nyeri, Nyandarua, Nakuru, Kericho, Bomet, Uasin and Vihiga. The NER for West Pokot, Turkana, Marsabit, Samburu, Isiolo, Wajir, Mandera, Garissa and Tana River counties was between 21.1 per cent and 65.2 per cent. Females in primary school had a slightly higher NER than their male counterparts as shown in maps K.4A and K.4B.

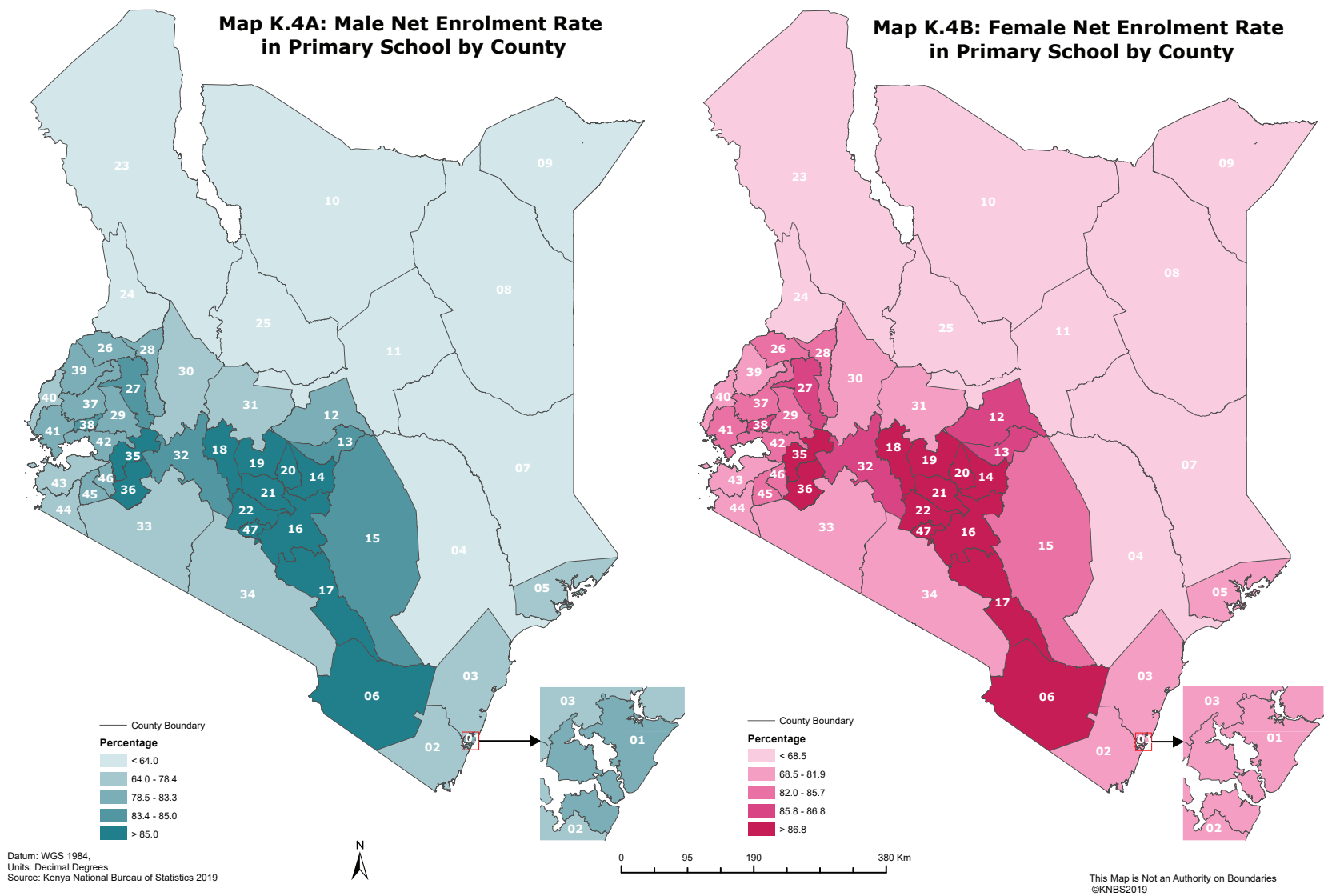


Females in primary school had a slightly higher NER than their male counterparts as shown in maps K.4A and K.4B.

Map K 4: Total Net Enrolment Rate for primary school by county



Map K.4.A and B : Male and Female Net Enrolment Rate in Primary School by County



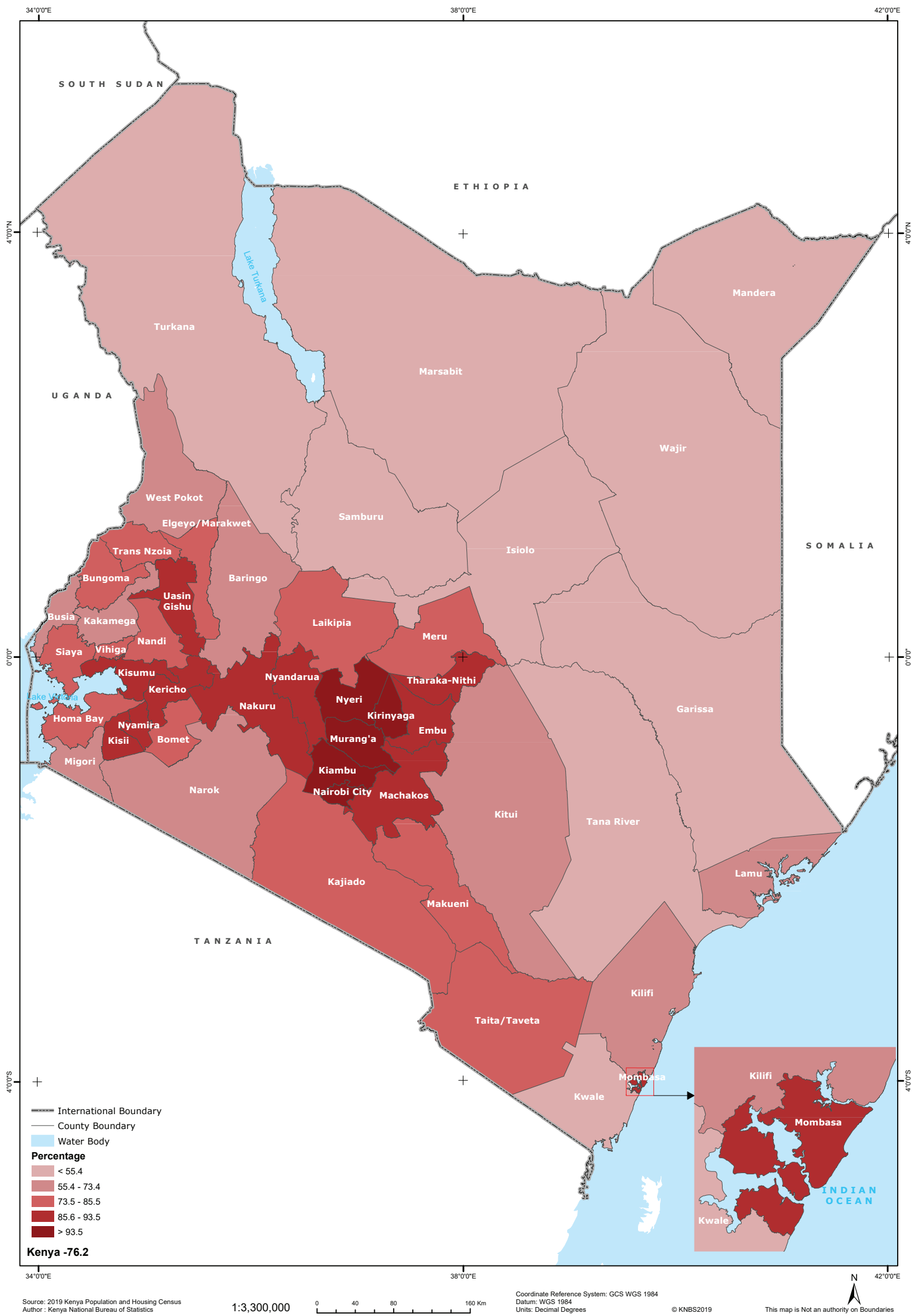
K.5: Gross Enrolment Rate in Secondary School

Counties with the highest GER in secondary school, as shown in Map K.5, were Nairobi City, Kiambu, Muranga, Kirinyaga, Nyeri, Uasin Gishu, Kisumu, Kisii and Nyamira at between 95 per cent and 110

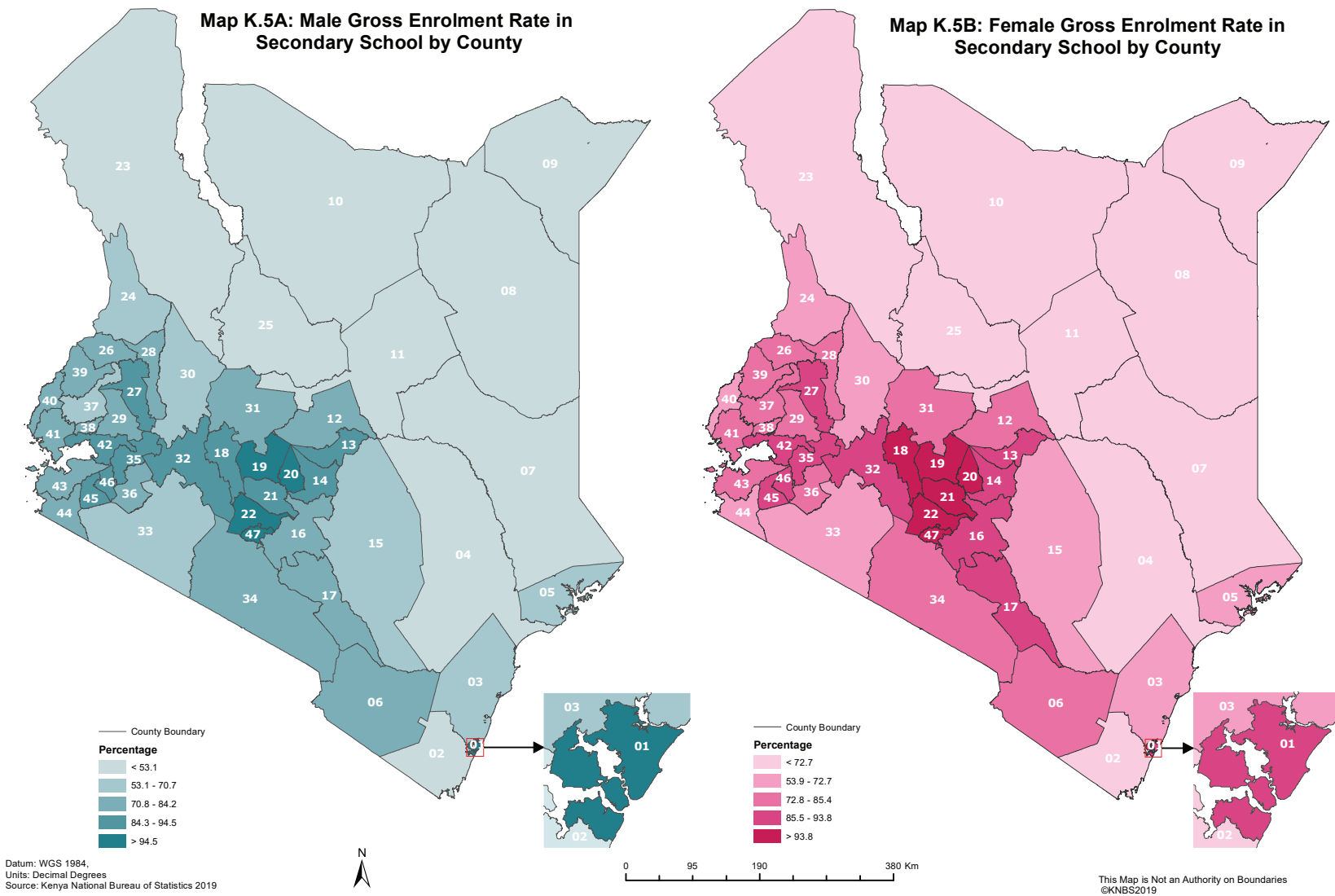
per cent. The male GER was higher than that of females as shown in maps K.5A and K.5B.



Map K 5 : Gross Enrolment Rate in Secondary School by County



Map K.5.A and B : Male and Female Gross Enrolment Rate in Secondary School by County

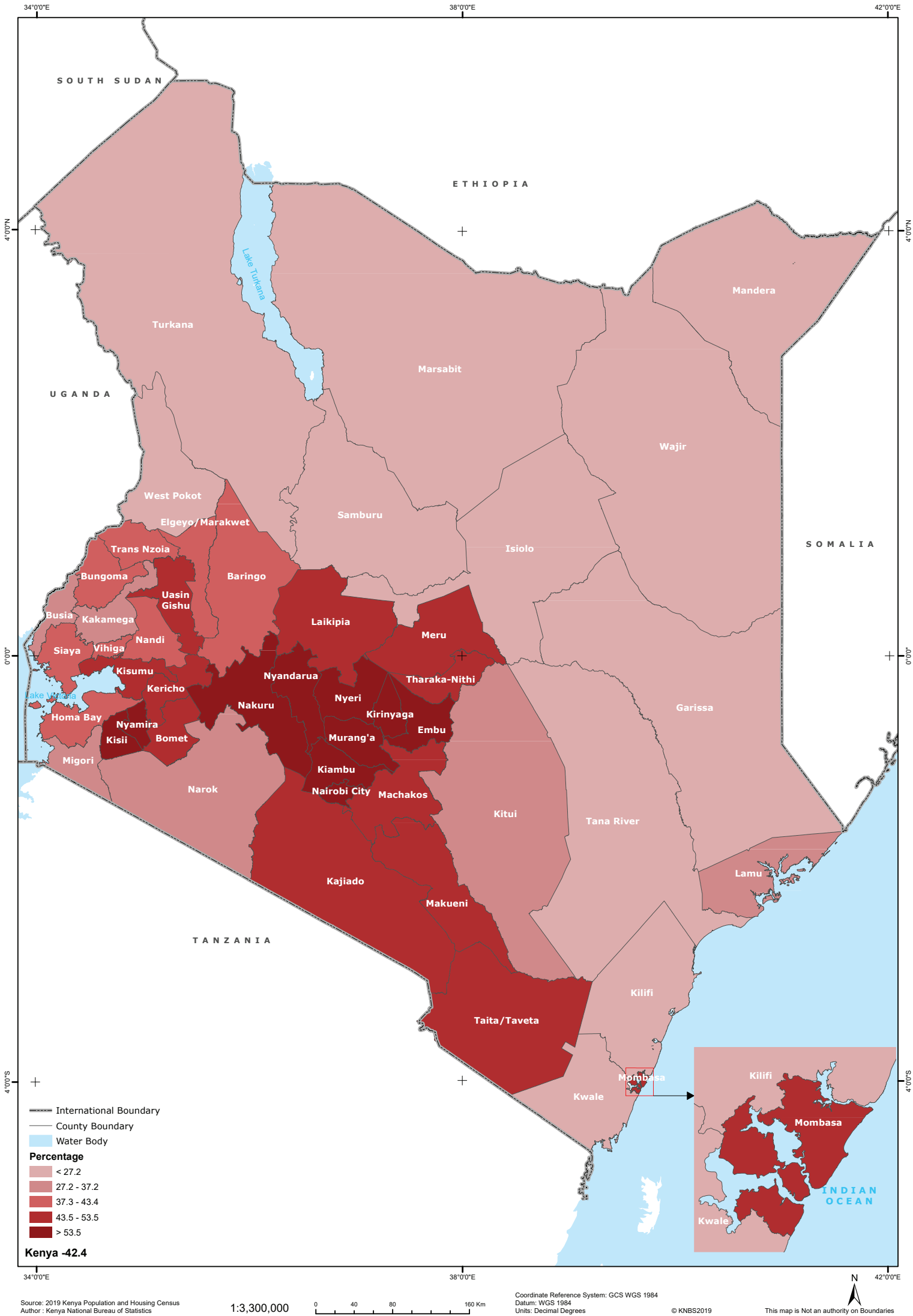


K.6 Net Enrolment Rate in Secondary School

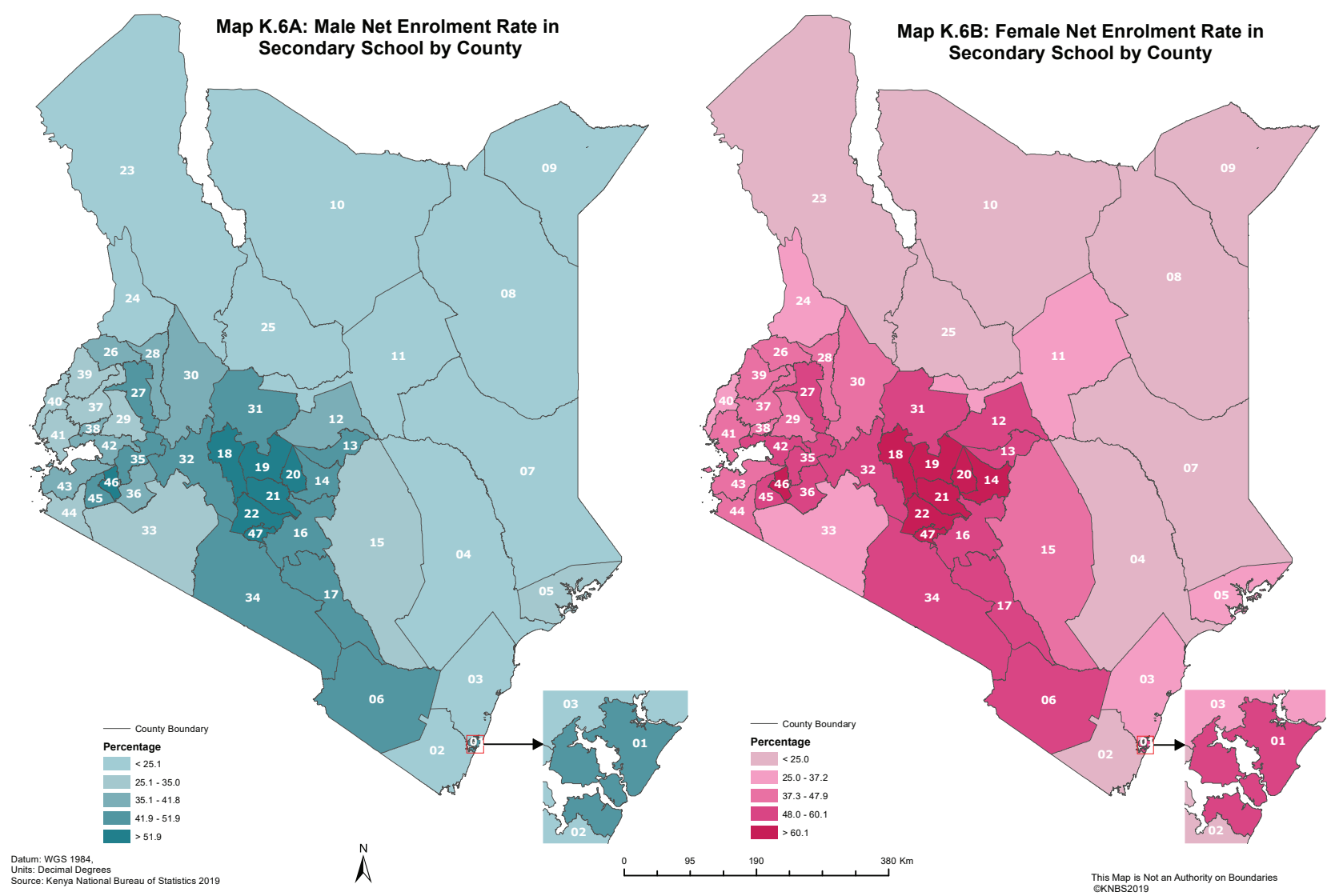
The NER for secondary school is presented in Map K6. Counties that recorded secondary school NER of 95 per cent and above were Nairobi City, Kiambu, Muranga, Kirinyaga, Nyeri, Uasin Gishu, Kisumu, Kericho, Kisii and

Nyamira. Turkana, Marsabit, Mandera, Wajir, Garissa, Tana River, Isiolo and Samburu counties registered NERs of 55 per cent or lower. Female NER was higher than that of their male counterparts as shown in maps K.6A and K.6B.

Map K 6 : Total Net Enrolment Rate in Secondary School by County



Map K.6.A and B : Male and Female Net Enrolment Rate in Secondary School by County



K.7: Population at School by County

The percentage of the population at school or learning institution during the 2019 Census is as shown in Map K7. Counties with between 49 and 53 per cent of the population who were at school includes Kilifi, Kwale, Makueni, Kitui, Bomet, Migori, Homa Bay, Trans Nzoia, Elgeyo Marakwet, Bungoma, Busia, Kakamega and Siaya. Garissa, Wajir,

Marsabit, Mandera and Turkana counties had between 18 per cent and 28 per cent of the population at school. Generally, a higher proportion of males than females were at school with male proportion ranging between 51 and 56 per cent and female proportion ranging between 40 and 49 per cent as shown in maps K.7A and K.7B.