



# Reducing Maternal Deaths in Kenya

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# Maternal Deaths



## Definition



Death of a woman while pregnant or within 42 days of termination of pregnancy (WHO, 2019)



## Maternal Mortality Ratio (MMR)



Number of maternal deaths during a given time period per 100,000 live births (UNICEF, 2017)



# What is the Rate?

Maternal Mortality Ratio (MMR) in Kenya is still high, though it fell from 717 deaths per 100,000 live births in 1996 to 510 deaths per 100,000 live births in 2015.

Global rate was 216 deaths per 100,000 live births in 2015.

# Causes



73%- Direct  
obstetric  
causes



27.5%- Indirect  
causes



27.1%-  
Hemorrhage



14.0%-  
Hypertensive  
disorders



10.7% - Sepsis



7.9% - Abortion



3.2% -  
Embolism



# Inequalities?

Inequalities in maternal health indicators across socio-demographic characteristics in high priority counties, most in the distribution of delivery care and antenatal care, fertility risk and postnatal care.

These disparities result due to the level of education, wealth and urban-rural residence (Mbugua, et al., 2018).

# The Situation in Kenya



Higher rate in poorer areas



Mandera County in the North Eastern Province accounts over 60% of maternal deaths in Kenya, that is, 3,795 deaths per 100,000 live births which is the highest in the country.



Nairobi has the lowest rate of 212 deaths per 100,000 live births

# Indicators



Poverty



Proximity of  
healthcare  
facilities



Condition of  
roads



Health care  
spending on bed  
nets and illness



Nature of  
hospitals



Availability of  
water



Distribution of  
urban places

# Healthcare Spending

## Bed Nets and Illness Spending by County in Kenya, 2017

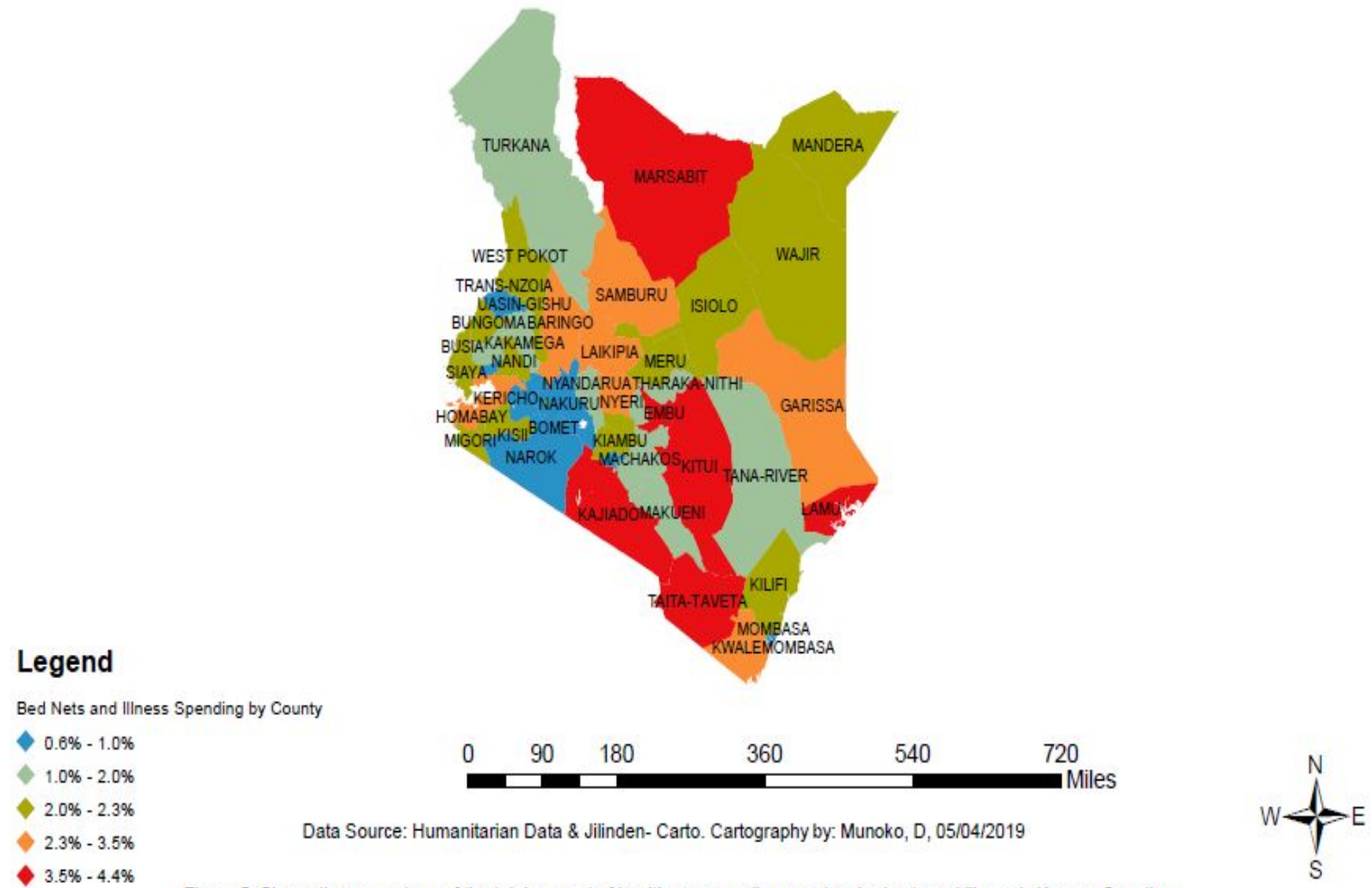


Figure 5: Shows the percentage of the total amount of healthcare spending spent on bed nets and illness in Kenyan Counties.



## Fully Operational Healthcare Facilities

Map Showing Fully Operational Health Centres in Kenya in 2019

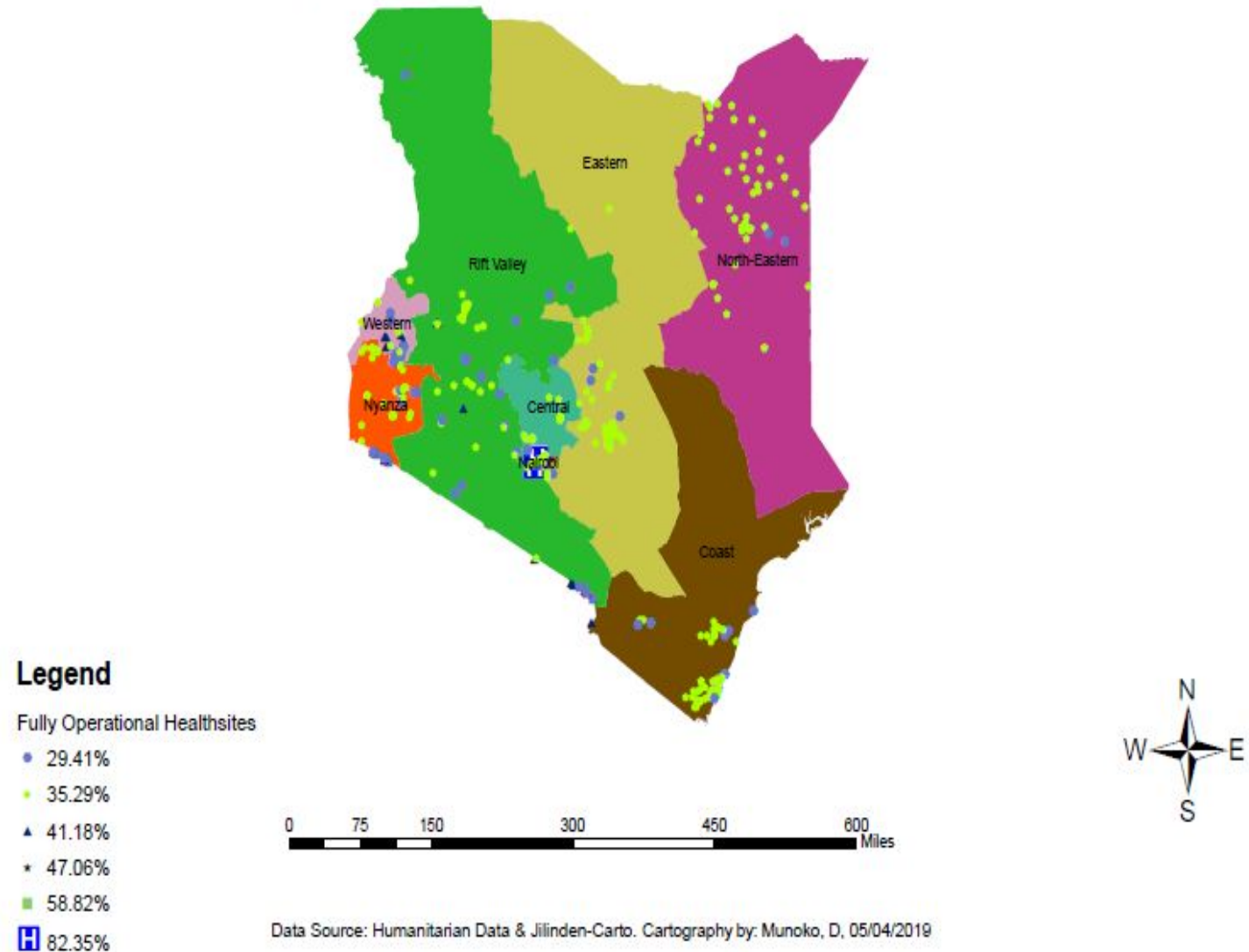
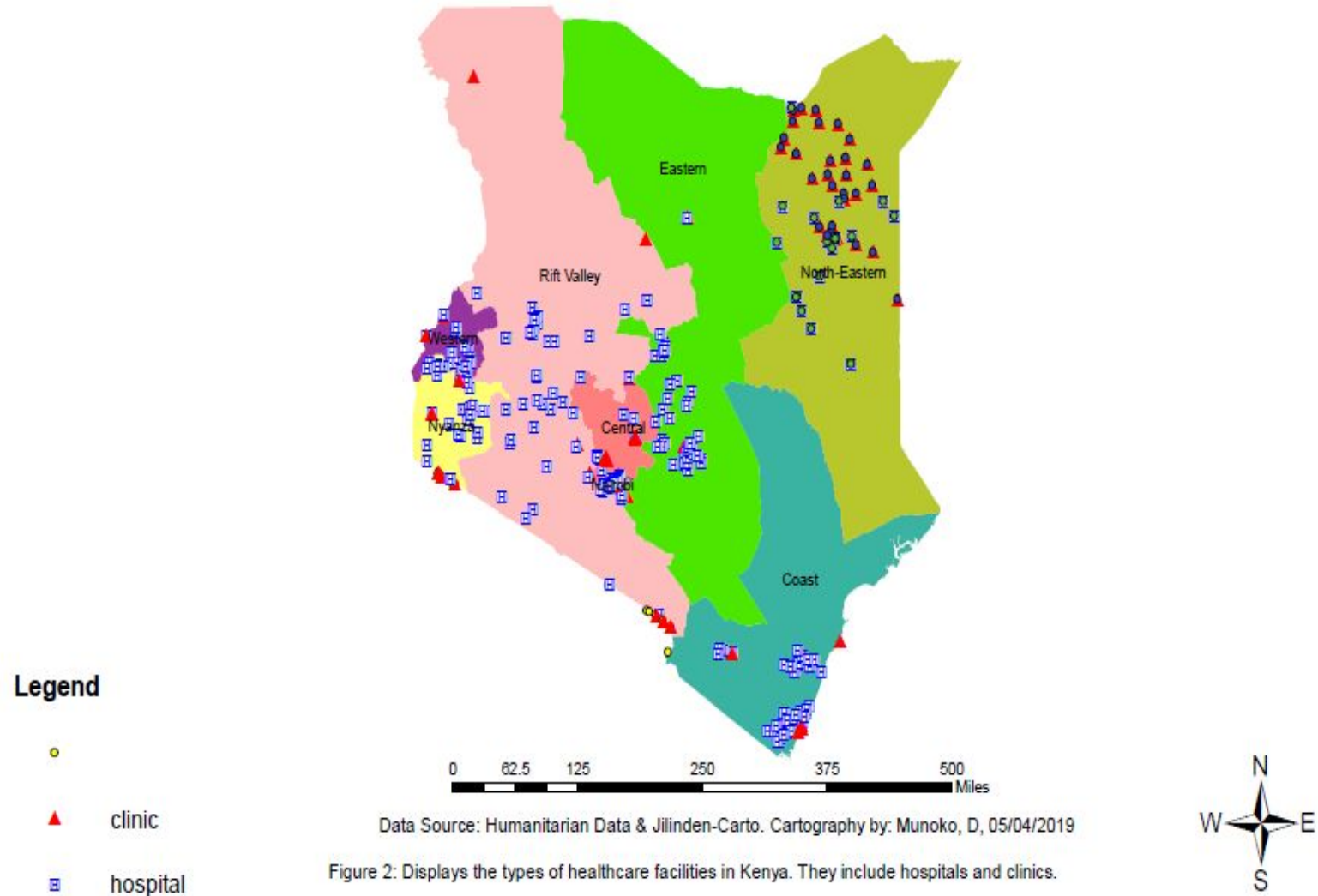


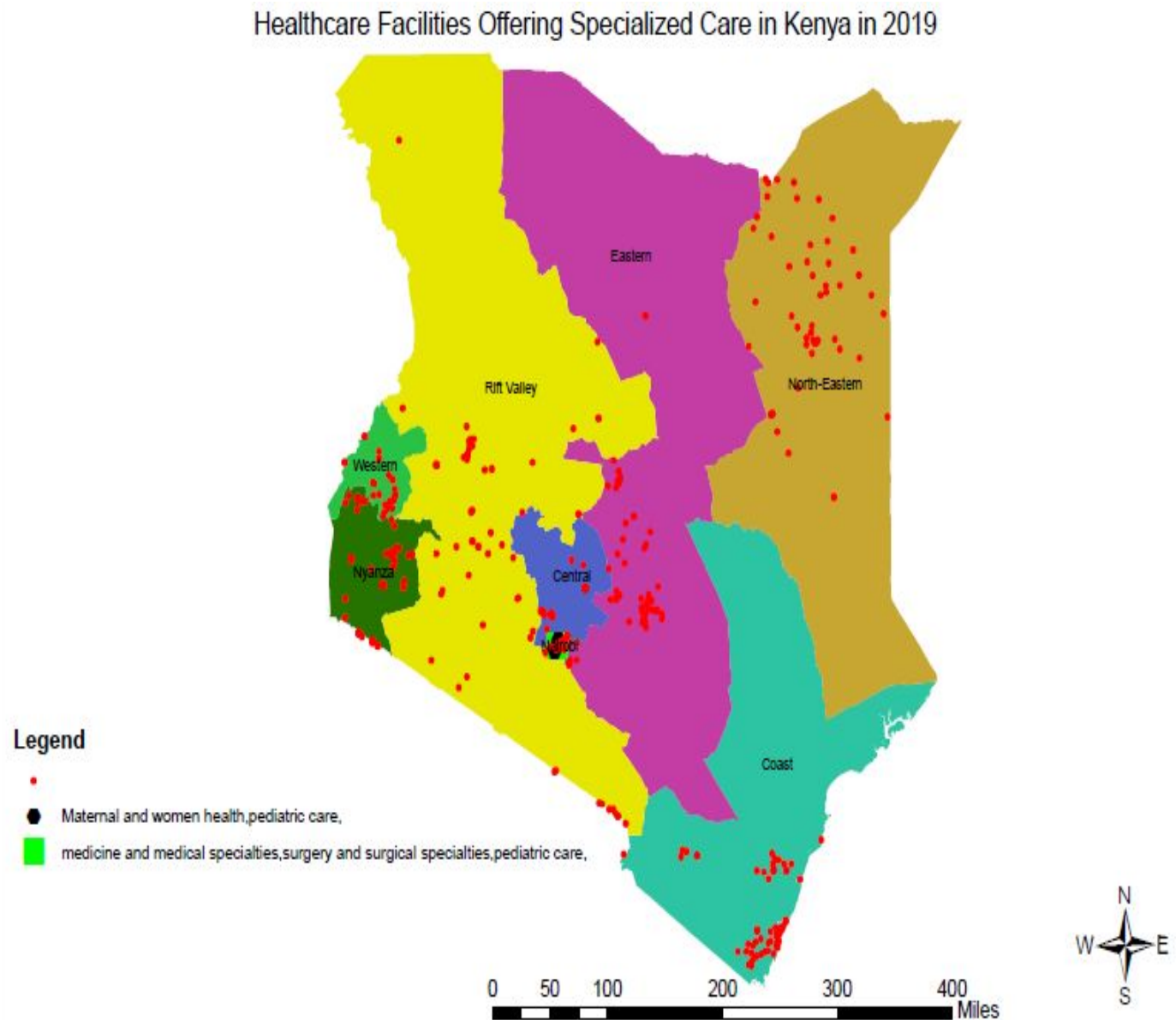
Figure 1: Shows distribution of hospitals in Kenya that are fully equipped to offer healthcare services. Nairobi Province has the highest percent of 82.35%.

# Types of Healthcare Facilities

Map Showing Types of Healthcare Facilities in Kenya, 2019



## Specialized Care



Data Source: Humanitarian Data and Jilinden- Carto. Cartography by: Munoko, D, 05/04/2019

Figure 3: Shows distribution of hospitals in Kenya that specialize in maternal and women health and healthcare facilities that offer specialized care.

# Population Distribution

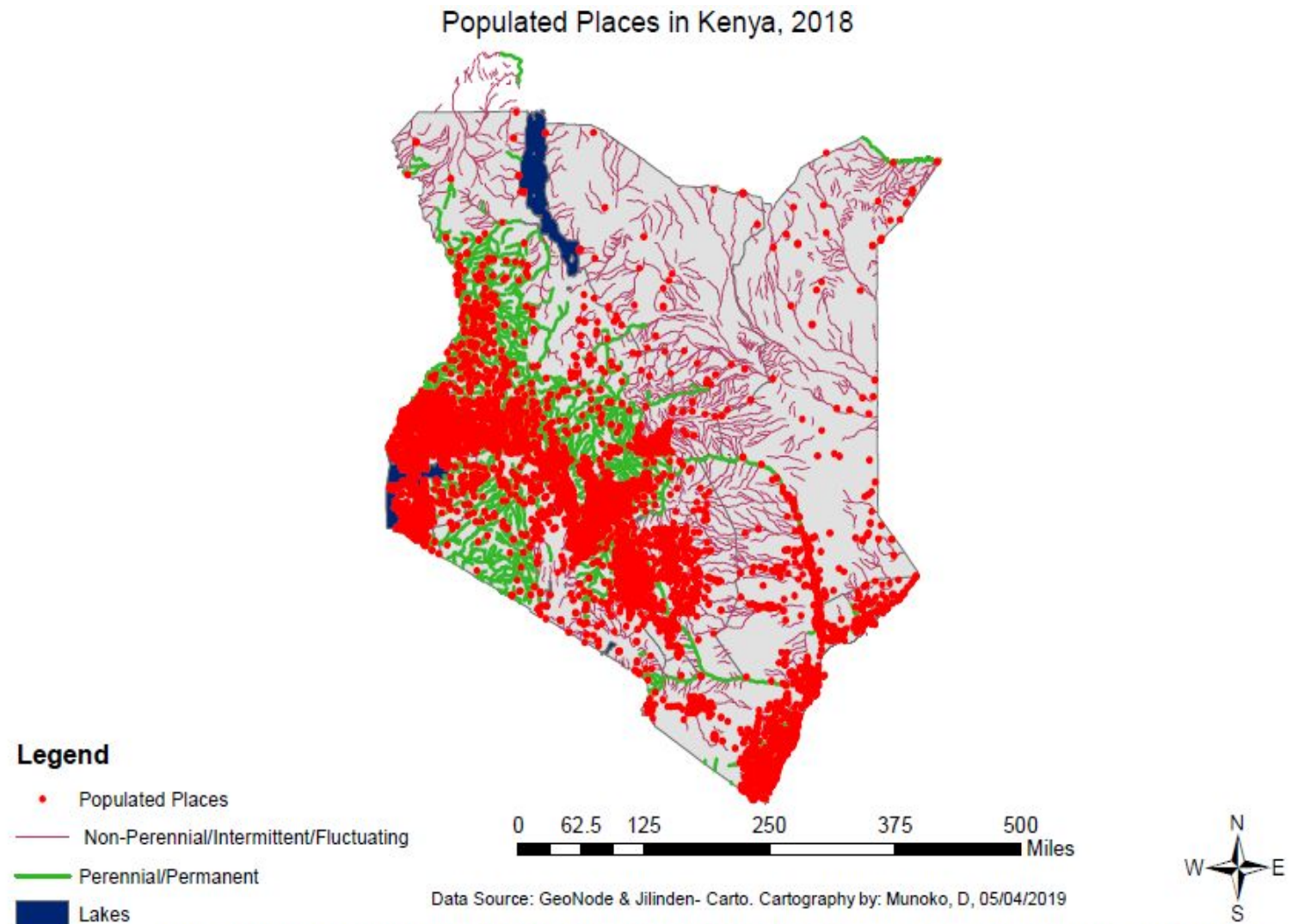
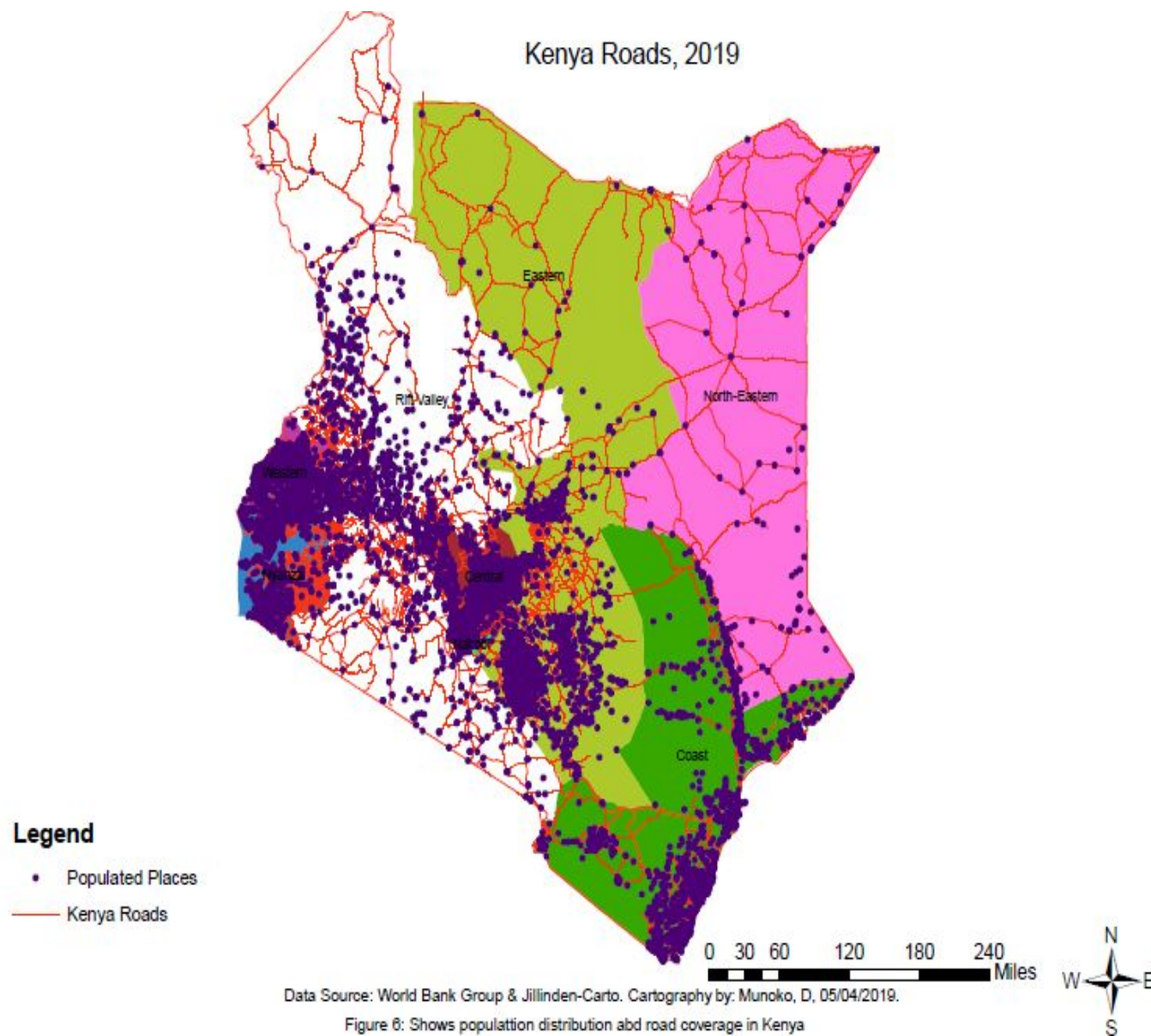


Figure 5: Shows dense population near permanent water bodies and sparse population in areas with fluctuating and non-perennial waterbodies.

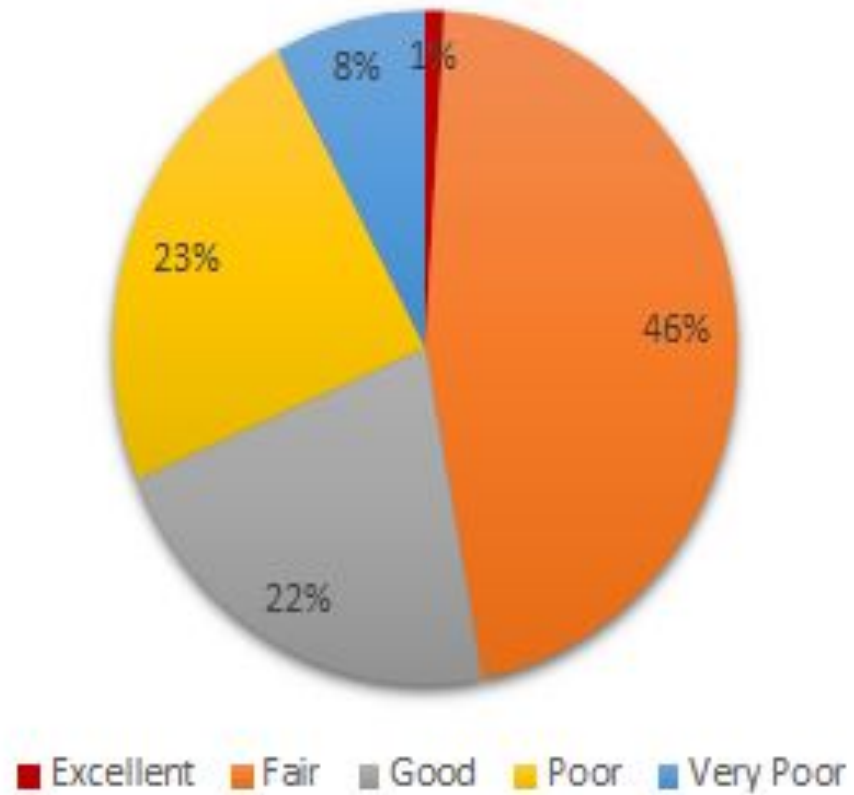


# Kenya Roads



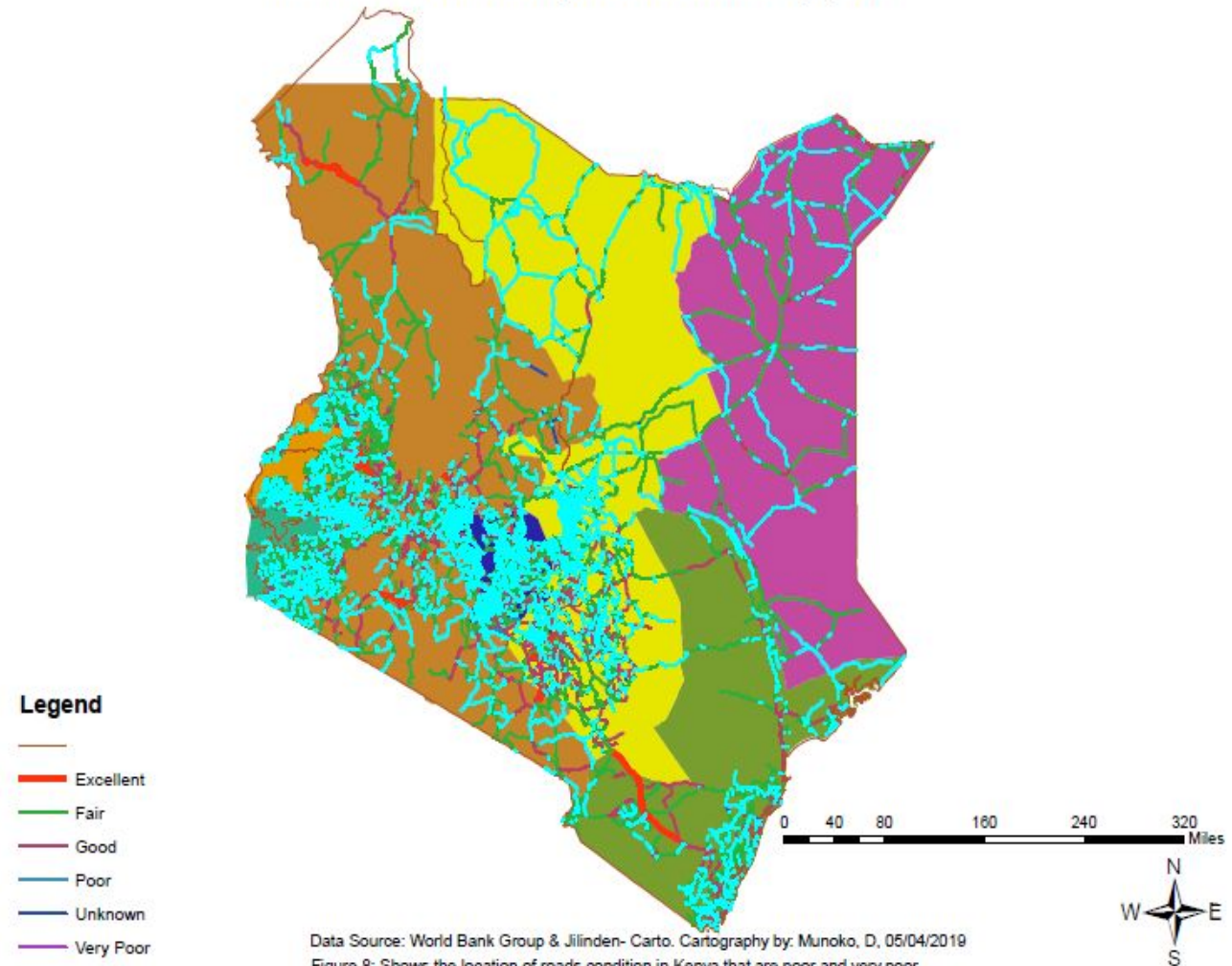
## Road Condition

Percentage of Road Condition in Kenya



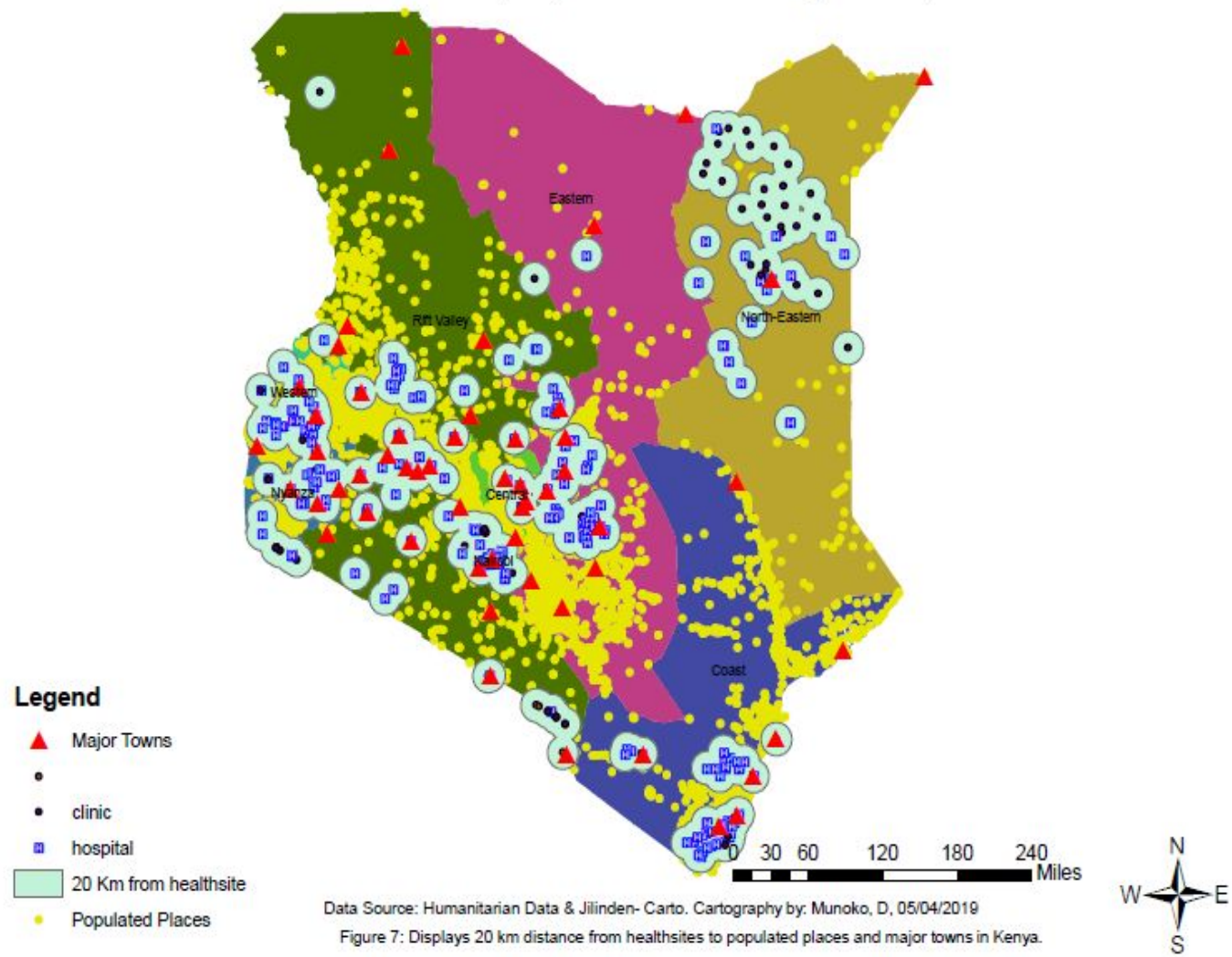
## Poor and Very Poor Roads Location

Location of Poor and Very Poor Roads in Kenya, 2019



# Wealth Distribution

Distance From Healthsites, Populated Places and Major Towns, 2018





# Recommendation



Improve  
infrastructure



Improve condition  
of healthcare  
facilities



Increase the  
number of  
healthcare sites



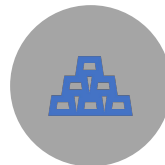
Deploy more  
health workers



Increase  
healthcare  
funding



Accessibility to  
water



Equal distribution  
of wealth



Thank You

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