Kenya's Health Facilities Report
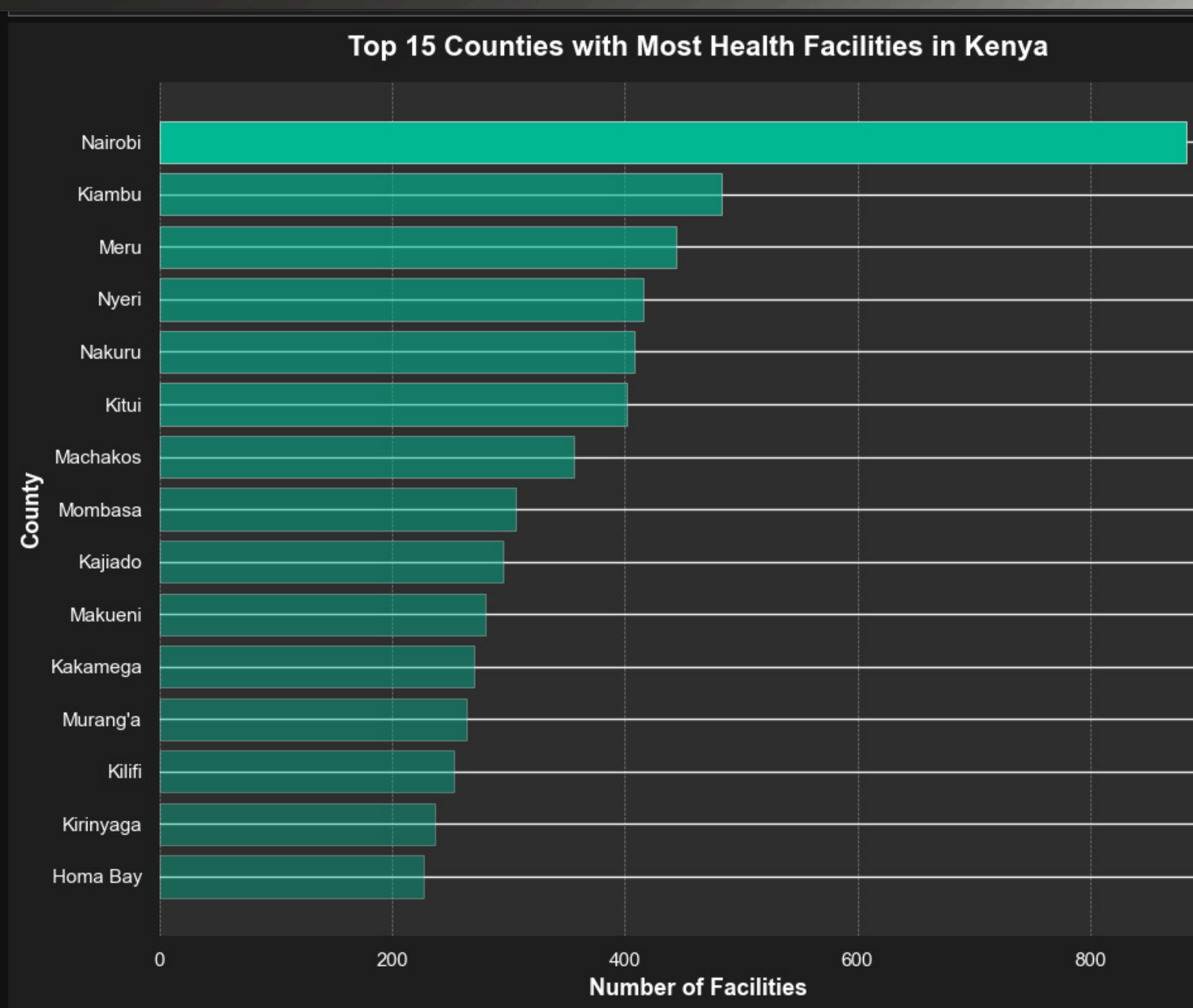
Top 15 Counties with Most Health Facilities in Kenya.

Top 15 Counties with Most Health Facilities in Kenya

The visual above presents a ranked bar chart titled "Top 15 Counties with Most Health Facilities in Kenya." It effectively showcases the distribution of healthcare infrastructure across different counties. Nairobi leads with the highest number of health facilities, followed by Kiambu, Meru, and Nyeri. The chart provides a clear comparison, making it easy to see which counties have the most established healthcare networks
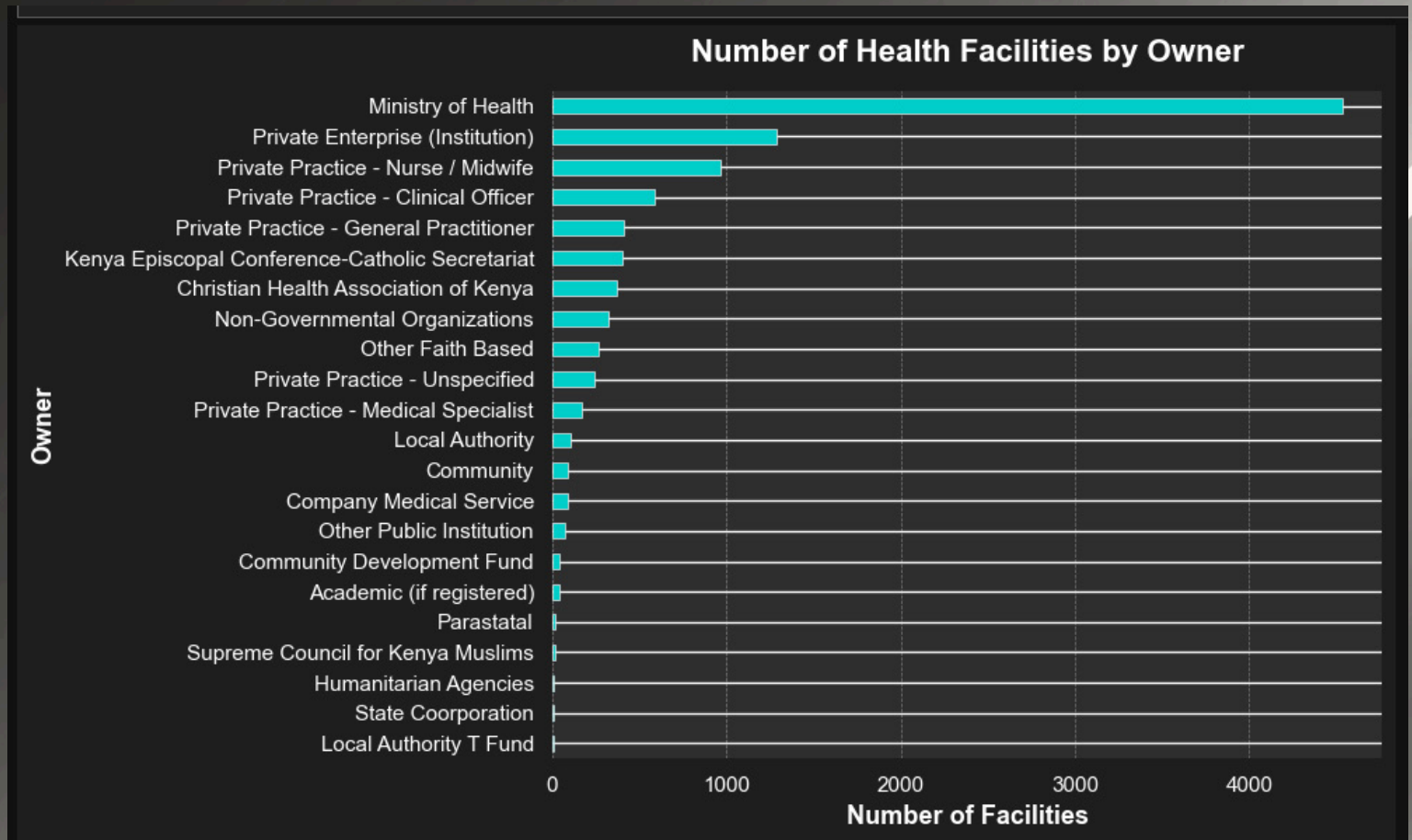
Key Observations:

Nairobi ranks first, having the most health facilities, reinforcing its role as Kenya's healthcare hub.

Kiambu, Meru, and Nyeri closely follow, reflecting strong healthcare infrastructure in these regions.

The bars visually differentiate each county, making it easy to compare facility distribution.

The number of facilities by owner

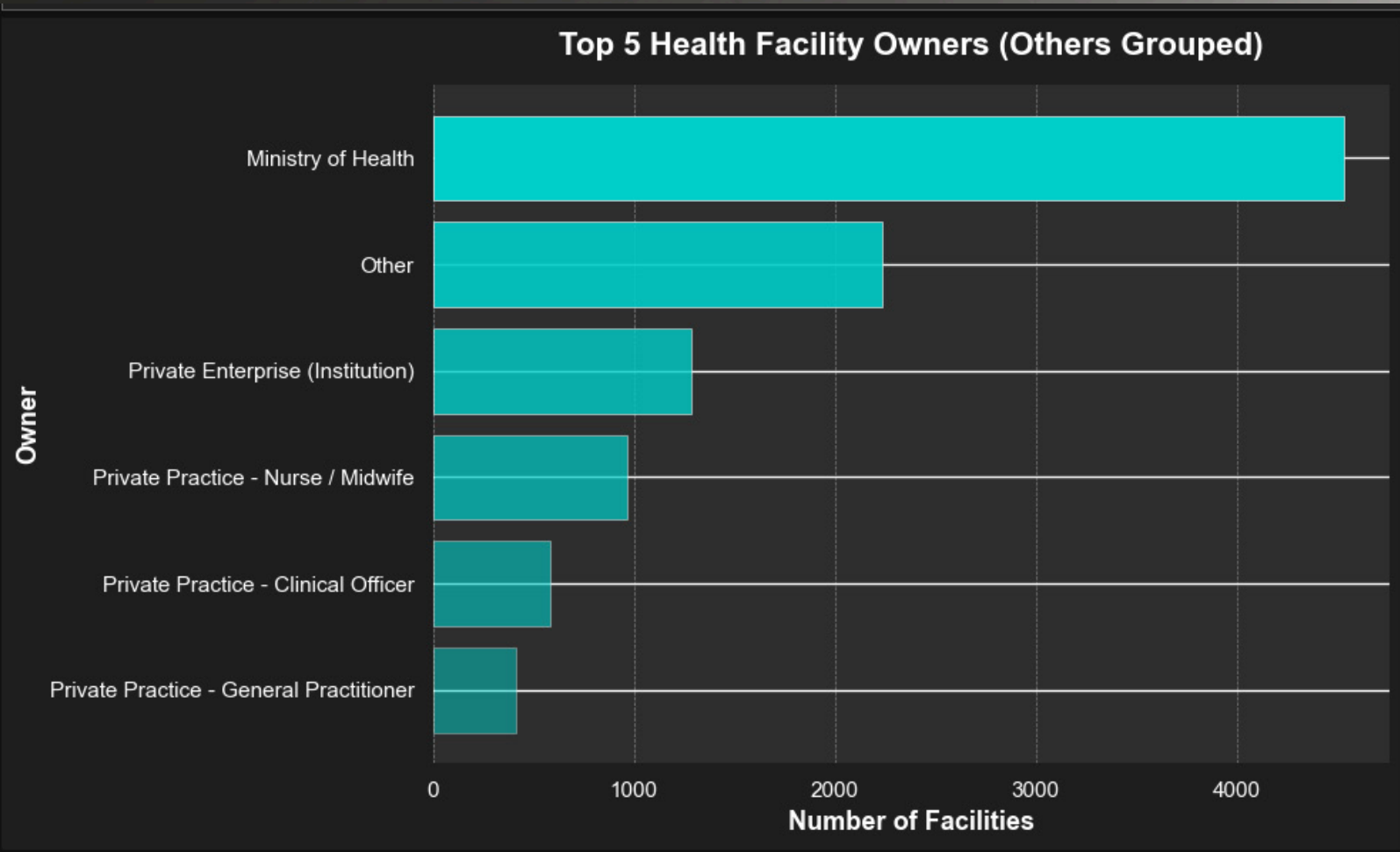**Number of Health Facilities by Owner**

This visual is a **horizontal bar chart** titled **"Number of Health Facilities by Owner."** It represents the distribution of healthcare facilities based on ownership, with the **x-axis** showing the number of facilities and the **y-axis** listing different ownership categories.

Key Observations:
1. - The Ministry of Health owns the largest number of health facilities, highlighting its dominant role in healthcare provision across Kenya.
2. - Private Enterprise (Institution) follows as the second-largest owner, indicating the substantial presence of private healthcare providers.
3. - Various private practices (Nurse/Midwife, Clinical Officer, General Practitioner, and Medical Specialist) also contribute significantly to the healthcare landscape.
4. - Faith-based organizations such as the Kenya Episcopal Conference-Catholic Secretariat and the Christian Health Association of Kenya play a notable role in healthcare service delivery.
5. - Other entities like Non-Governmental Organizations (NGOs), humanitarian agencies, parastatals, academic institutions, and state corporations each own smaller portions of health facilities.

This chart offers a clear breakdown of healthcare ownership, helping to visualize the contribution of public, private, and faith-based organizations to Kenya's health system.
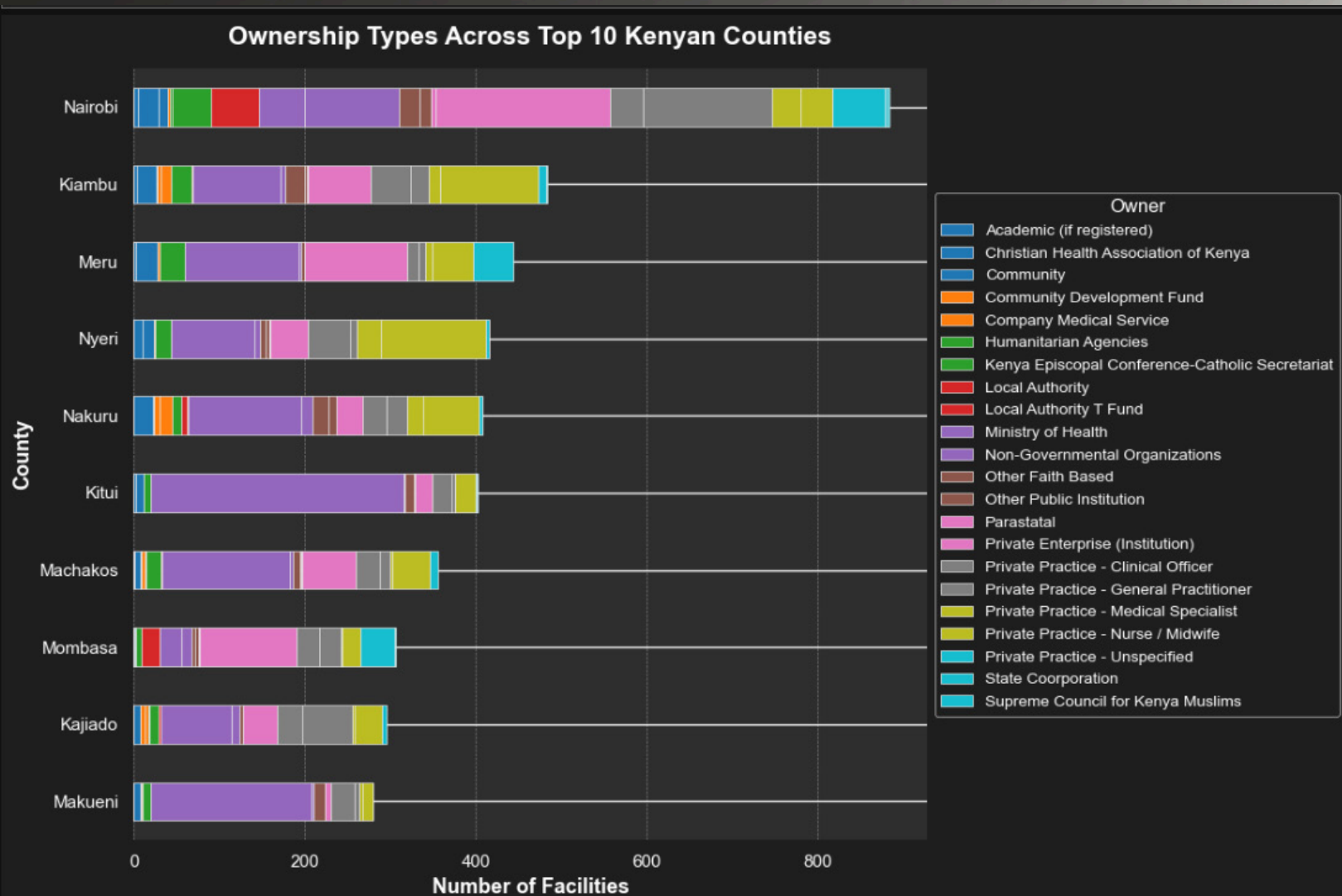
After noise reduction :

Top 5 Health Facility Owners (Others Grouped)

The top health facilities are:
1) Ministry of health with over 4000
2) Other players instituitions (e.g faith -based etc) over 2000
3) Private Enterprise (Institution) with well over 1000
4) Private Practice - Nurse/Midwife facilities with just under 1000
5) Private Practice -Clinical Officer just above 500
6) Private Practice - General practitioner with just below 500

Ownership Types Across Top 10 Kenyan Counties

The stacked bar graph above "Distribution of Ownership Types Across the Top 10 Counties."
Visually represents the ownership distribution of healthcare facilities across ten counties in Kenya.

Key Observations:
Nairobi, Kiambu, and Meru show a high concentration of private enterprise-owned facilities, reinforcing their strong private sector healthcare presence.

Kitui and Machakos have notable contributions from local authorities, indicating government involvement in healthcare services.
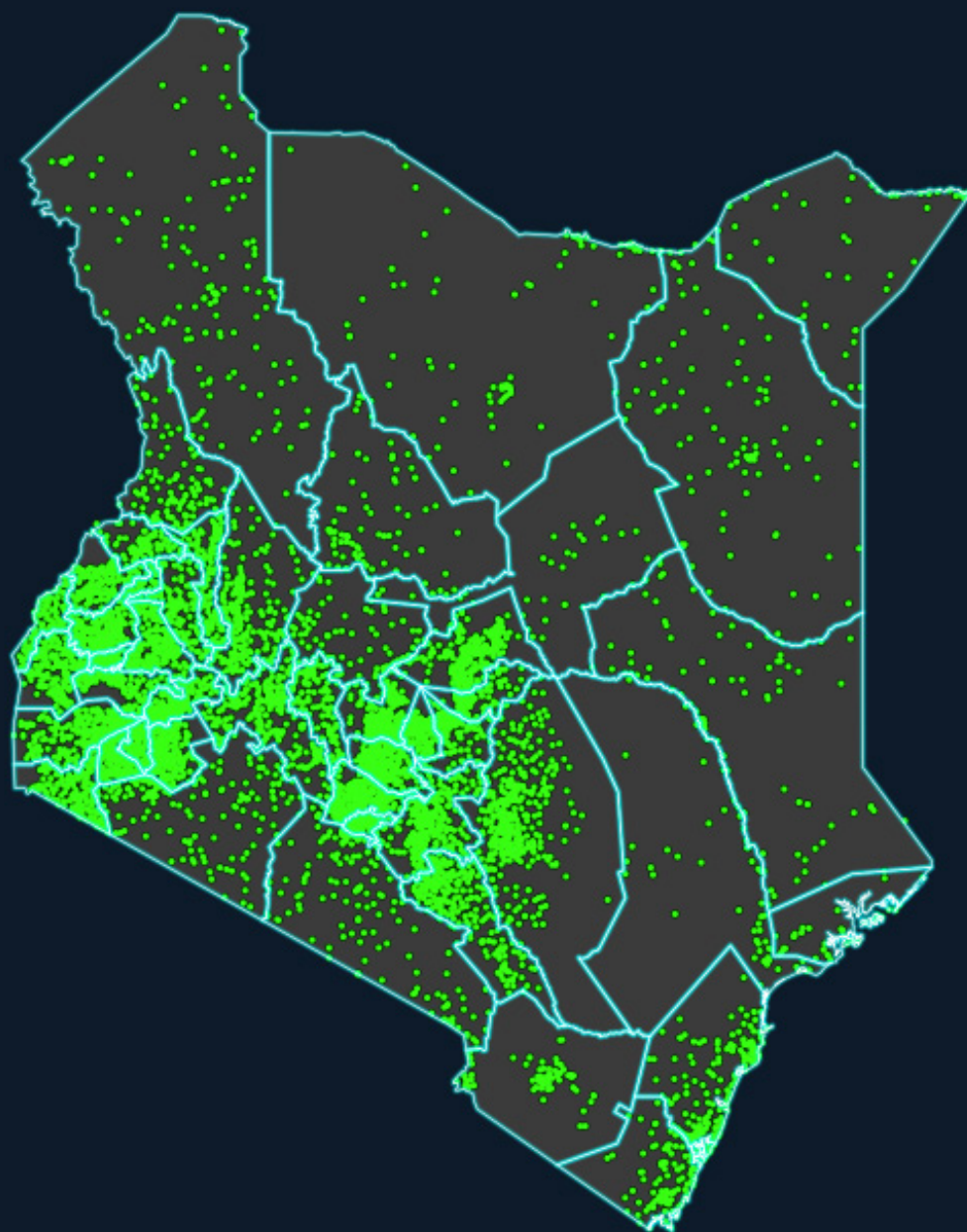
Faith-based organizations, such as the Christian Health Association of Kenya and the Kenya Episcopal Conference-Catholic Secretariat, have a visible presence in counties like Nyeri and Nakuru.

Non-Governmental Organizations (NGOs) and humanitarian agencies play a minor role in ownership distribution but contribute to healthcare accessibility.

Ministry of Health ownership remains prominent across all counties, highlighting the government's foundational role in Kenya's healthcare system.

MAP OF HEALTH FACILITIES IN KENYA

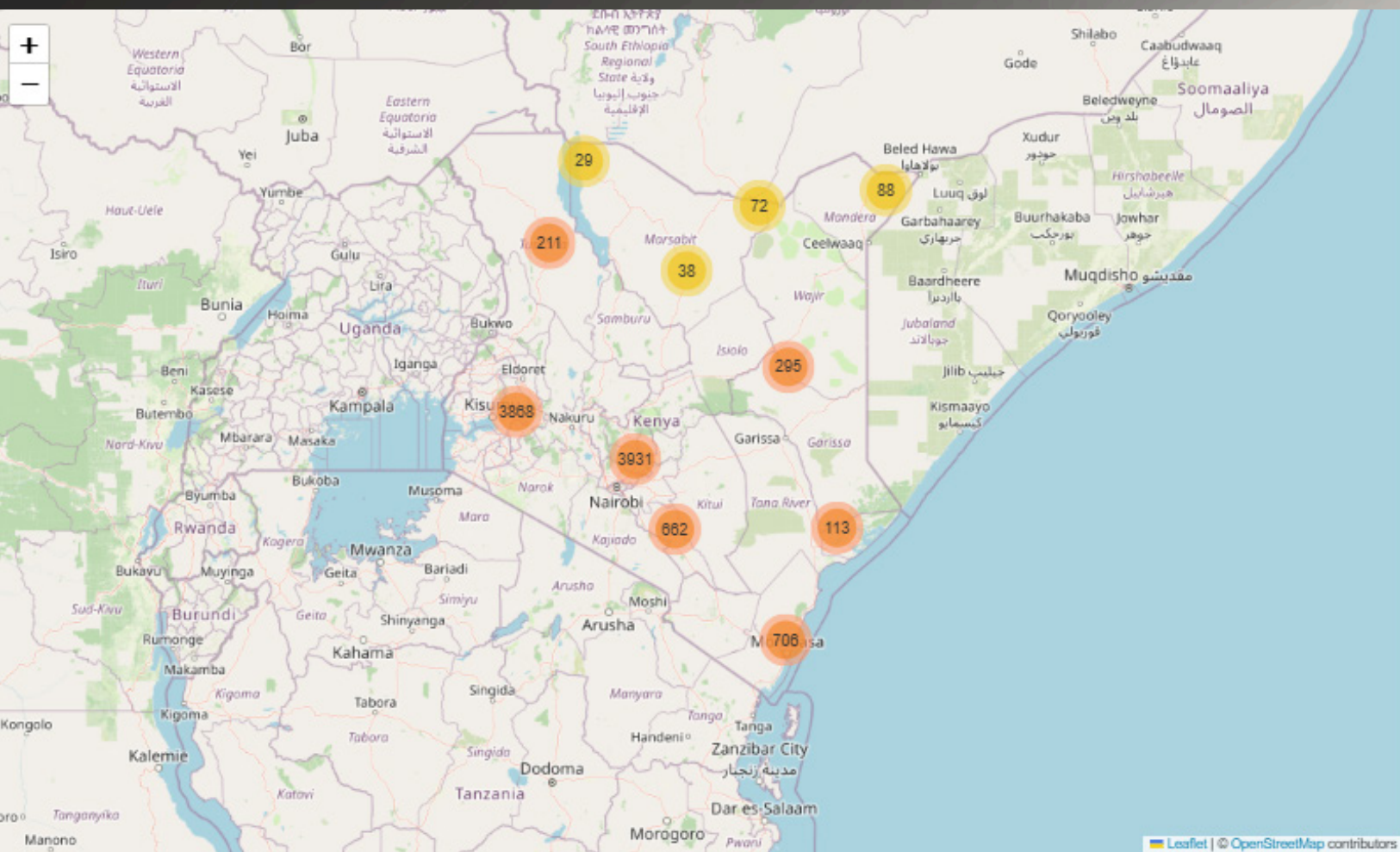Kenya Counties & Health Facilities — Neon Map

Key Observation:
Health facilities are highly concentrated in the western, central, and southern regions of Kenya, especially in and around counties like Nairobi, Kiambu, Kisumu, Kakamega, Bungoma, and Mombasa. In contrast, northern and northeastern counties such as Turkana, Marsabit, Wajir, and Mandera show sparser distributions, indicating potential gaps in access to health infrastructure in those regions.

An interactive map of Kenyas health facilities

The above map is just but a screen-shot you can access the interactive map by opening the file :
https://github.com/Tony405-spec/interactive_map/blob/main/moh_clustered_map.html