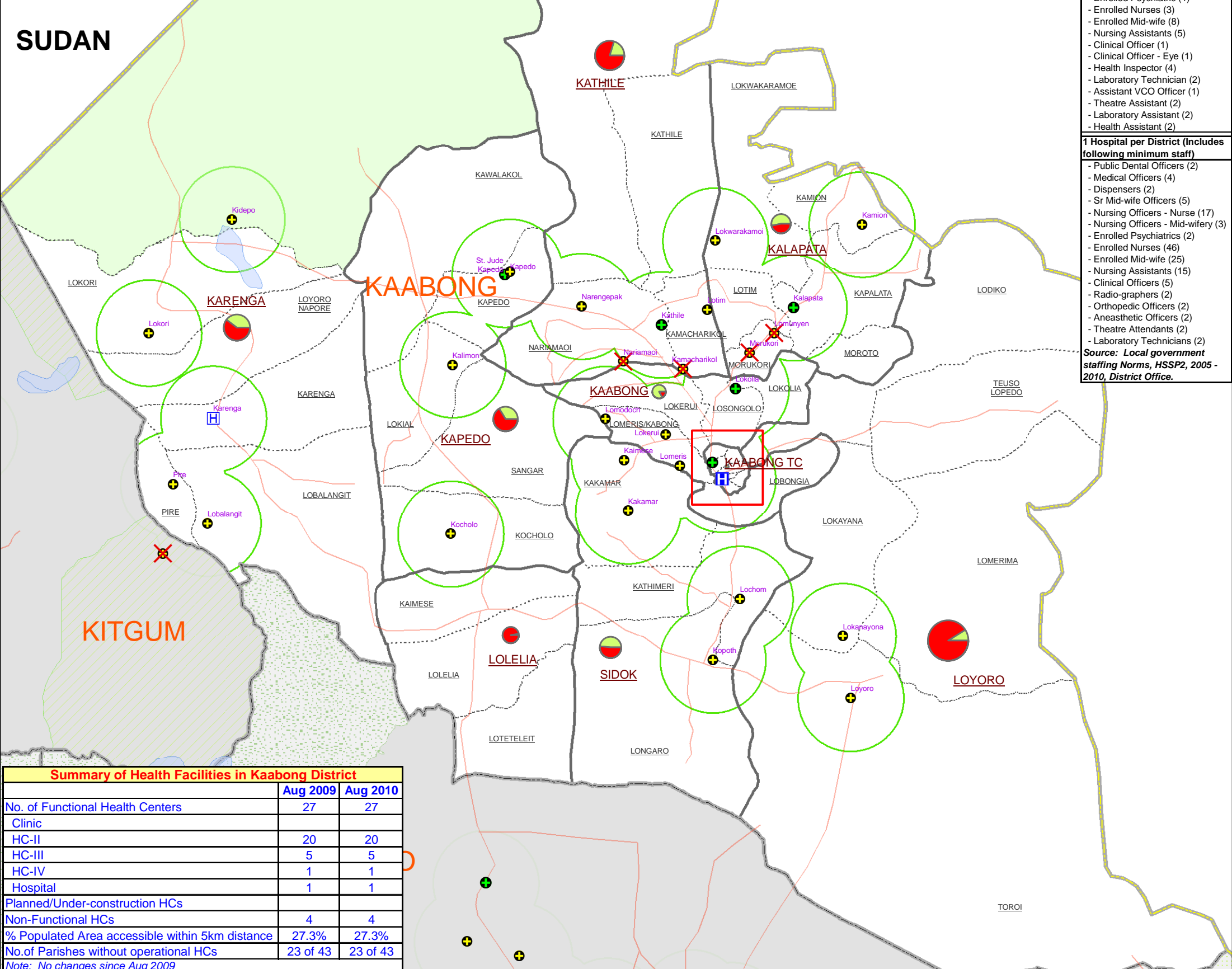
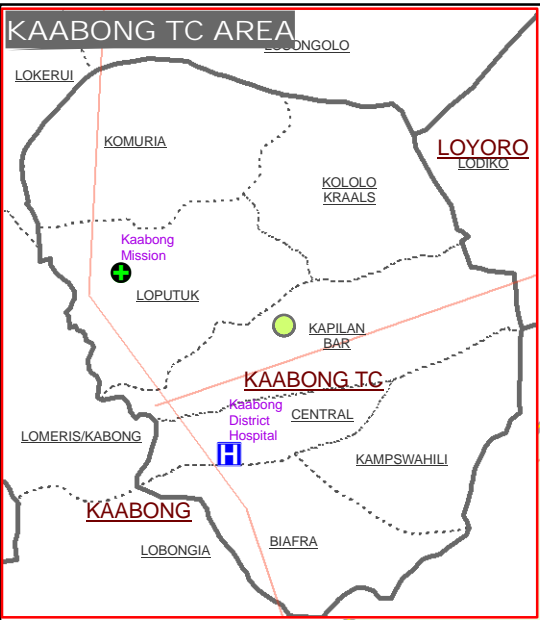


# KAABONG DISTRICT: Health Accessibility in Sub-County (Aug 2010)



<b>National Standard (Health Facility)</b>
1 VHT per 25-30 households
1 HC-II per Parish (Includes 2 minimum staff)
- Enrolled Nurse (1) - Mid-wife (1) - Nursing Assistant (1)
1 HC-III per Sub-County (Includes 3 minimum staff)
- Sr. Clinical Officer (1) - Clinical Officer (1) - Mid-wife (2) - Nursing Officer Nursing (1) - Enrolled Nurses (3) - Laboratory Technician (1) - Laboratory Assistant (1) - Nursing Assistants (3) - Health Assistant (1)
1 HC-IV per County (Includes 23 minimum staff)
- Sr. Medical Officer (1) - Medical Officer (1) - Sr. Nursing Officer (2) - Nursing Officer Nursing (1) - Nursing Officer Mid-wife (4) - Nursing Officer Psychiatric (1) - Enrolled Psychiatric (1) - Enrolled Nurses (3) - Enrolled Mid-wife (8) - Nursing Assistants (5) - Clinical Officer (1) - Clinical Officer - Eye (1) - Health Inspector (4) - Laboratory Technician (1) - Assistant VCO Officer (2) - Theatre Assistant (2) - Laboratory Assistant (2) - Health Assistant (2)
1 Hospital per District (Includes following minimum staff)
- Public Dental Officers (2) - Medical Officers (4) - Dispensers (2) - Sr Mid-wife Officers (5) - Nursing Officers - Nurse (17) - Nursing Officers - Mid-wifery (3) - Enrolled Psychiatric (2) - Enrolled Nurses (46) - Enrolled Mid-wife (25) - Nursing Assistants (15) - Clinical Officers (5) - Radio-graphers (2) - Orthopedic Officers (2) - Anaesthetic Officers (2) - Theatre Attendants (2) - Laboratory Technicians (2)
<b>Source: Local government staffing Norms, HSSP2, 2005 - 2010, District Office.</b>

Summary of Health Facilities in Kaabong District		
	Aug 2009	Aug 2010
No. of Functional Health Centers	27	27
Clinic		
HC-II	20	20
HC-III	5	5
HC-IV	1	1
Hospital	1	1
Planned/Under-construction HCs		
Non-Functional HCs	4	4
% Populated Area accessible within 5km distance	27.3%	27.3%
No. of Parishes without operational HCs	23 of 43	23 of 43
<i>Note: No changes since Aug 2009</i>		

Health Accessibility by Sub-County in Kaabong District										
	Total	KAABONG	KAABONG TC	KALAPATA	KAPEDO	KARENGA	KATHILE	LOLELIA	LOYORO	SIDOK
Total Population (2010 Projection)	345300	65800	22300	57200	41400	37000	39000	25900	27400	29300
Total No. of Parish by Sub-county	43	5	7	6	5	5	4	3	5	3
No. of Operational Health Centers by Sub-County	27	4	2	3	4	5	3	0	2	4
Total Area by Sub-County (Sq.Km.)	7220.0	212.1	13.7	428.1	698.5	2128.2	1001.3	308.3	1901.4	528.3
Non-populated area - water body/game reserve/nat park (Sq.Km.)	1333.5	0.0	0.0	0.0	0.0	1333.5	0.0	0.0	0.0	0.0
Populated area in the Sub-county (Sq.Km.)	5886.5	212.1	13.7	428.1	698.5	794.7	1001.3	308.3	1901.4	528.3
Area Access within 5km buffer (%)	27.3%	83.3%	100.0%	53.2%	33.7%	39.5%	20.4%	2.5%	8.9%	48.3%
*Total Area Access within 5km buffer (Sq.km.)	1604.7	176.8	13.7	227.9	235.7	314.3	204.3	7.9	168.9	255.4
Total Area Not Access within 5km in the sub-county (Sq.Km.)	4281.8	35.4	0.0	200.3	462.8	480.4	797.1	300.4	1732.5	273.0
No. of Parish touched by 5km Health Access buffers	39	5	7	6	5	5	4	1	3	3
Number of Parish without operational HCs	23 of 43	3 of 5	5 of 7	3 of 6	2 of 5	1 of 6	2 of 4	3 of 3	4 of 5	0 of 3
* Accessible area calculated based on Total Populated Area (i.e. excluded other area, such as water body, game reserve, range land, national park, etc)										
Source: Population (National Population Projection 2010, UBOS), No. of Parish (Based on UBOS Boundary), Other (Calculated using GIS Technique)										



**Legend**

**Health Centres by Type**

- Clinic ( )
- HC-II (20 Nos.)
- HC-III (5 Nos.)
- HC-IV (1 No.)
- Hospital (1 No.)
- Non-Functional (4 Nos.)
- 5km Access (~ 1-1.5 hrs walk to any HC)

**Landuse Type**

- Forest Reserve
- Game Reserve
- National Park
- Rangeland
- Water Body/Lakes

**Pie (Ratio of Pop. Area)**

- Access
- No Access

**Boundary Types**

- National Boundary
- District Boundary
- Sub-County Boundary
- Parish Boundary
- Motorable Road

**Notes:**

- Approximate ratio of access area within Sub-County are derived by using GIS technique. 5km radius circle is equivalent to 78.57 sq.km area (using formula  $A = \text{Pie} \times R^2$ ).
- Approximate area falls inside 5km radius zones are treated as accessible & falls outside are treated as not accessible.
- Accessibility is based on aerial distance. Assumed that people travel most direct route in plain area. Pie size is graduated by total populated area of Sub-County.
- Accessibility is based on available location of Health Centres from the District Health Office (DHO). Therefore, accessibility change over time, please contact directly to DHO for more info

**Data Sources:**

- Admin Boundaries - UBOS 2006
- Landuse - UBOS 2006
- Road Network - FAO, District Partners, UNOCHA
- Thematic - DHO & Partners, Aug 09 (Re-verified as of Aug 2010)

**This map is a work in progress. Please contact the IMU/OCHA as soon as possible with any corrections.**

**Map Disclaimer:**

The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations.

**Draft**

Map Prepare Date: 09 Aug 2010 (IMU/UNOCHA, Kampala)

File: UG-Health-96\_A3\_09Aug2010\_Kaabong District Health Accessibility in Sub-County.mdx (nk)