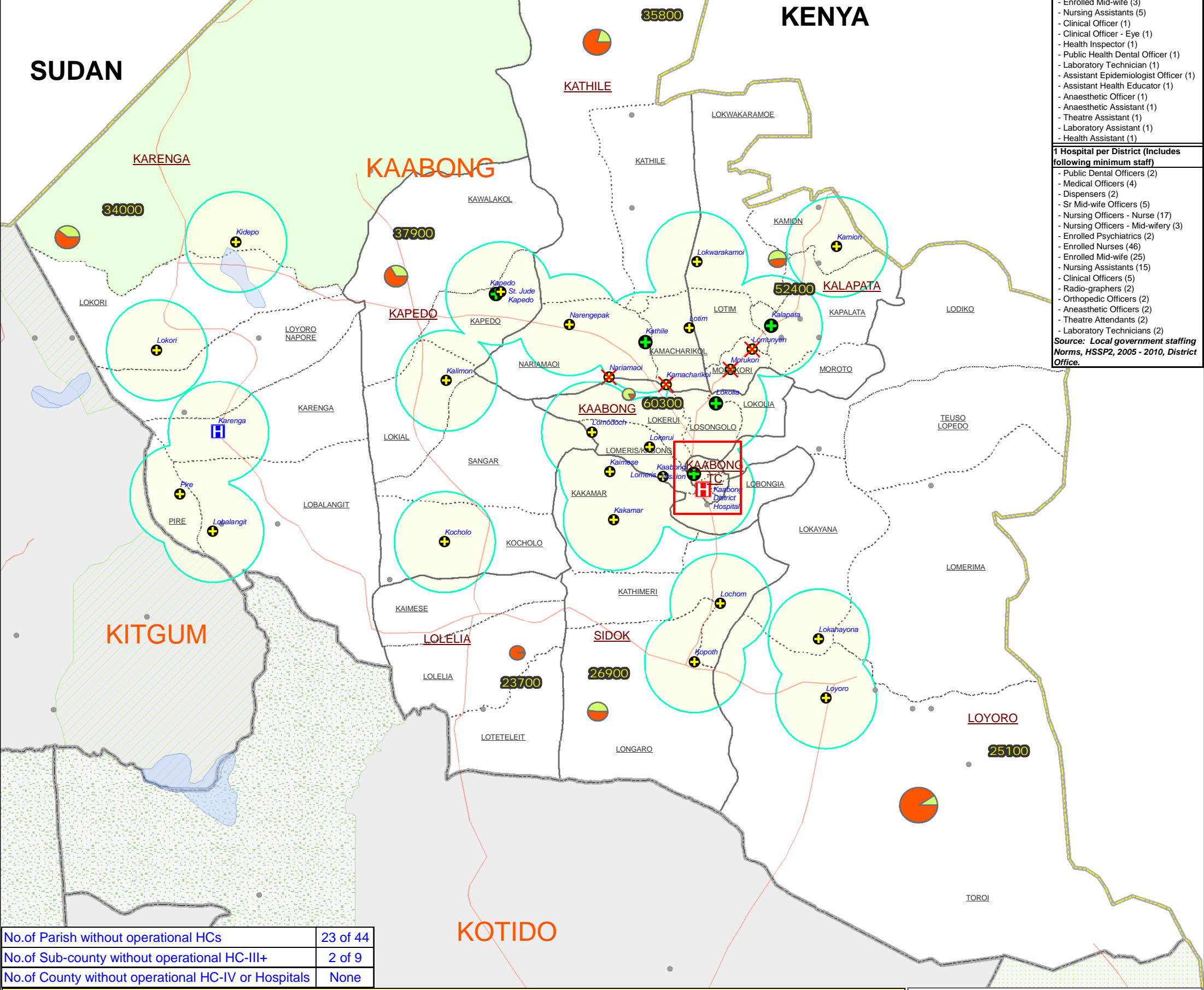
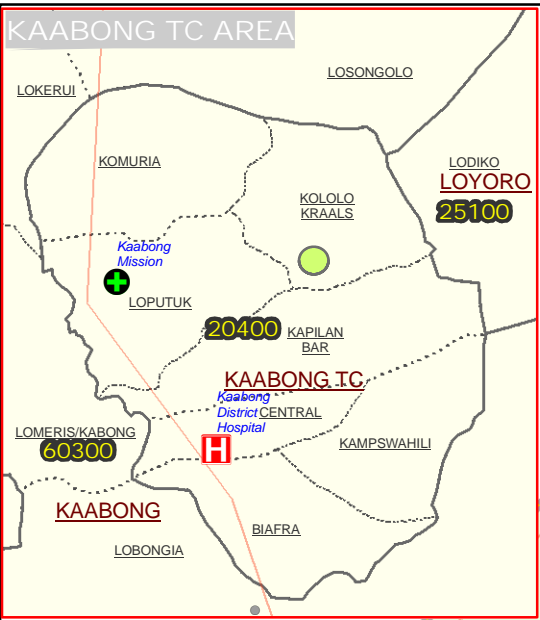


KAABONG DISTRICT: Health Accessibility by Sub-County (Sep 2009)



National Standard (Health Facility)
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 (1) - Public Health Nurse (1) - Nursing Officer Nursing (1) - Nursing Officer Mid-wife (1) - Enrolled Psychiatric (1) - Enrolled Psychiatric (1) - Enrolled Nurses (3) - Enrolled Mid-wife (3) - Nursing Assistants (5) - Clinical Officer (1) - Clinical Officer - Eye (1) - Health Inspector (1) - Public Health Dental Officer (1) - Laboratory Technician (1) - Assistant Epidemiologist Officer (1) - Assistant Health Educator (1) - Anaesthetic Officer (1) - Anaesthetic Assistant (1) - Theatre Assistant (1) - Laboratory Assistant (1) - Health Assistant (1)
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)
Source: Local government staffing Norms, HSSP2, 2005 - 2010, District Office.

No. of Parish without operational HCs	23 of 44
No. of Sub-county without operational HC-III+	2 of 9
No. of County without operational HC-IV or Hospitals	None

Health Accessibility by Sub-County in Kaabong District										
	Total	KAABONG	KAABONG TC	KALAPATA	KAPEDO	KARENGA	KATHILE	LOLELIA	LOYORO	SIDOK
Total Population (2009 Projection)	316500	60300	20400	52400	37900	34000	35800	23700	25100	26900
Total No. of Parish by Sub-county	44	5	7	6	5	6	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	40	5	7	6	5	6	4	1	3	3
Number of Parish without operational HCs	23 of 44	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

Notes:

- Total number of parish touched by 5 km access buffers, and approximate ratio of accessible populated area within sub-county are derived by using GIS technique. 5 km radius circle is equivalent to 78.57 sq.km area (using formula $A = \text{Pie} \times R^2$).
- Approximate area falls inside 5 km accessibility zones are treated as accessible & falls outside are treated as no 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 (excluded water body, game reserve, range land, national park, etc) of sub-County.
- Accessibility presented in this map is based on available location of Health Centres from the District. Therefore, accessibility level change over time. For updated health information, please contact directly to DHO.

Legend

- Non-Functional (4 Nos.)
- Village
- Motorable Road
- National Boundary
- District Boundary
- Sub-County Boundary
- Parish Boundary
- Functional Health Centres:
 - HC-II (20 Nos.)
 - HC-III (5 Nos.)
 - HC-IV (1 No.)
 - Hospital (1 No.)
- Landuse Type:
 - Forest Reserve
 - Game Reserve
 - National Park
 - Rangeland
 - Water Body/Lakes
- Projected Population 2009 (999)
- 5km Access buffer (~ 1-1.5 hrs walk to HC)
- Pie (Ratio of Populated Area):
 - Access
 - No Access

Data Sources:
 Admin Boundaries - UBOS 2006
 Admin Centres - UBOS 2002/2006
 Landuse - UBOS 2006
 Road Network - FAO
 IDP/Return Sites/Village - Humanitarian Agencies in the field
 Thematic - OCHA/WFP/MSF, Kaabong, Aug 2009

Map Prepare Date: 16 Sep 2009 (IMU/UNOCHA, Kampala)

File: UG-Health-51_A3_16Sep09_Kaabong District Health Accessibility by Sub-County

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.

Uganda Overview

Draft

Scale: 0 3.75 7.5 15 Kilometers