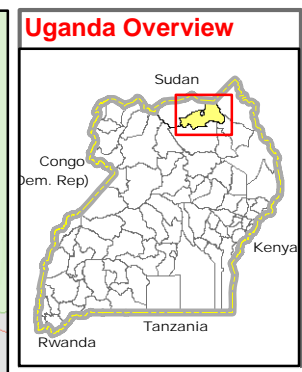
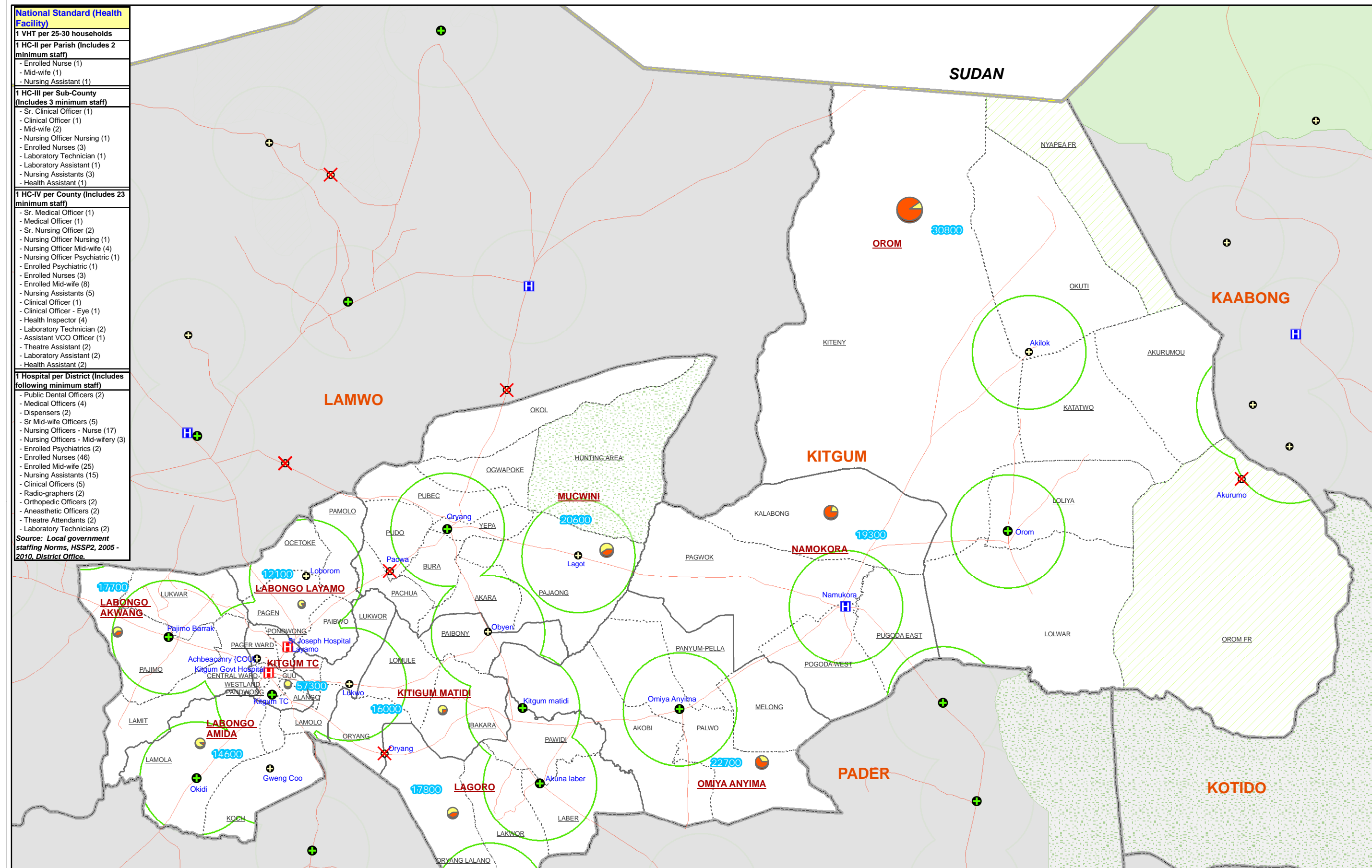


KITGUM DISTRICT: Health Service Accessibility (April 2010)



Legend

Functional Health Facility

- HC-II (Green circle with cross)
- HC-III (Green circle with plus)
- HC-IV (Blue square with cross)
- Hospitals (Red square with cross)
- Non-Functional (Red X)

Motorable Road (Red line)

Boundary Types

- National Boundary (Thick grey line)
- District Boundary (Thin grey line)
- Sub-County Boundary (Dashed line)
- Parish Boundary (Dotted line)

Landuse Type

- Forest Reserve (Green hatched)
- Game Reserve (Green dotted)
- National Park (Light green)
- Rangeland (Green grid)
- Water Body/Lakes (Blue)

Pie (Ratio of Approx Area)

- Access (Yellow)
- No Access (Orange)

5km Access buffer (Green circle)

999 Projected Population 2010

Notes:

- Total number of parish touched by 5 km access buffers, and approximate ratio of access area within sub-County are derived by using GIS technique. 5 km radius circle is equivalent to 78.57 sq.km area (using formula $A = \text{Pie} \cdot R^2$).
- Approximate area falls inside 5 km 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 area of sub-County.

Data Sources:

- Admin Boundaries - UBOS 2006
- Road Network - FAO, District, Ocha Settlements/IPDs - Humanitarian Agencies
- Health Facility and thematic - District Health Office, WHO, AVSI, IRC (Apr/May 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: 10 May 2010 (IMU/UNOCHA)
 Update: 26 May 2010
 File: UG-Health-69_A3_26May2010_Kitgum District Health Service Accessibility.mxd (nk)

Health Accessibility by Sub-County in Kitgum District

	Total	Kitgum Tc	Kitgum Matidi	Labong o Akwang	Labongo Amida	Labongo Layamo	Lagoro	Mucwini	Namokora	Omiya Anyima	Orom
Total Population (2010 Projection)	228900	57300	16000	17700	14600	12100	17800	20600	19300	22700	30800
Total No. of Parish by Sub-county	50	7	4	3	5	4	4	9	4	4	6
No. of Operational Health Centres by Sub-County	19	5	1	1	3	1	2	2	1	1	2
Total Area by Sub-County (Sq.Km.)	3957.0	30.5	157.5	176.0	197.9	109.7	233.0	505.0	391.7	337.6	1818.1
Non-populated area - water body/game reserve/hat	631.7	0.0	0.0	0.0	0.0	0.0	0.0	140.4	0.0	0.0	491.4
Populated area in the Sub-county (Sq.Km.)	3325.2	30.5	157.5	176.0	197.9	109.7	233.0	364.6	391.7	337.6	1326.7
Area Access within 5km buffer (%)	37.4%	100.0%	74.8%	62.5%	90.1%	85.9%	59.0%	53.9%	22.1%	33.7%	13.3%
*Total Area Access within 5km buffer (Sq.km.)	1242	31	117.855	109.998	178.3539	94.284	137.4975	196.425	86.427	113.93	176.78
Total Area Not Access within 5km in the sub-county (2083	0.0	39.6	66.0	19.6	15.4	95.5	168.2	305.2	223.6	1149.9
No. of Parish touched by 5km Health Access buffer	48	7	4	3	5	4	4	7	4	4	6
Number of Parish without operational Health Centres	32 of 50	3 of 7	3 of 4	2 of 3	2 of 5	3 of 4	2 of 4	7 of 9	3 of 4	3 of 4	4 of 6

Summary of Health Facilities in Kitgum District

	Jun-09	Apr-10
No. of Functional Health Centres		19
% Area accessible within 5km health Distance	*22%	37%
No. of Parishes without operational HCs		32 of 50
Functional Health Centres:		
HC-II		8
HC-III		8
HC-IV		1
Hospital		2
Non-functional Health Centres		3

* Average in Kitgum before Lamwo district was created

Source: Population (National Population Projection 2010, UBOS), No. of Parish (Based on UBOS Boundary), Other (Calculated using GIS Technique)