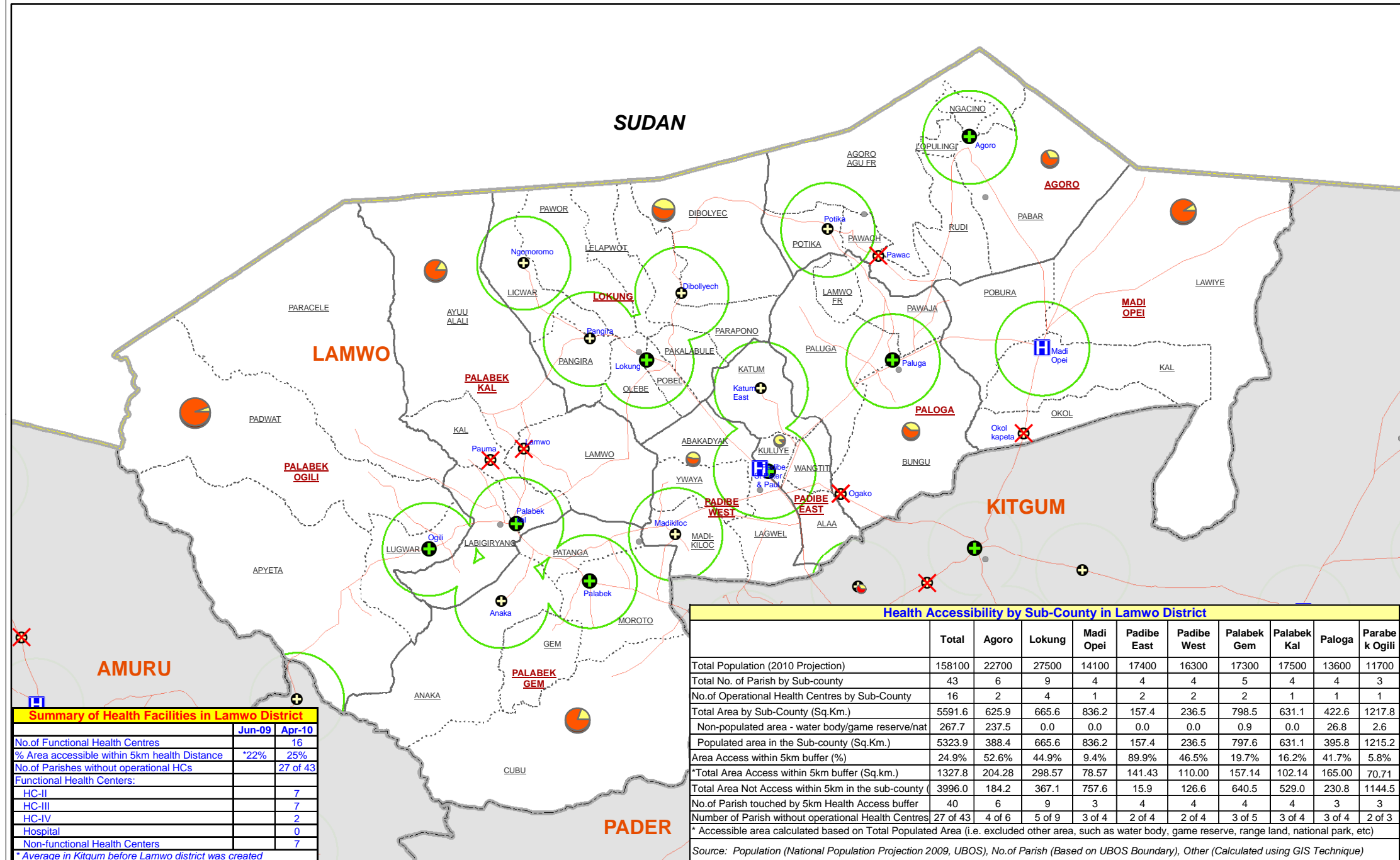


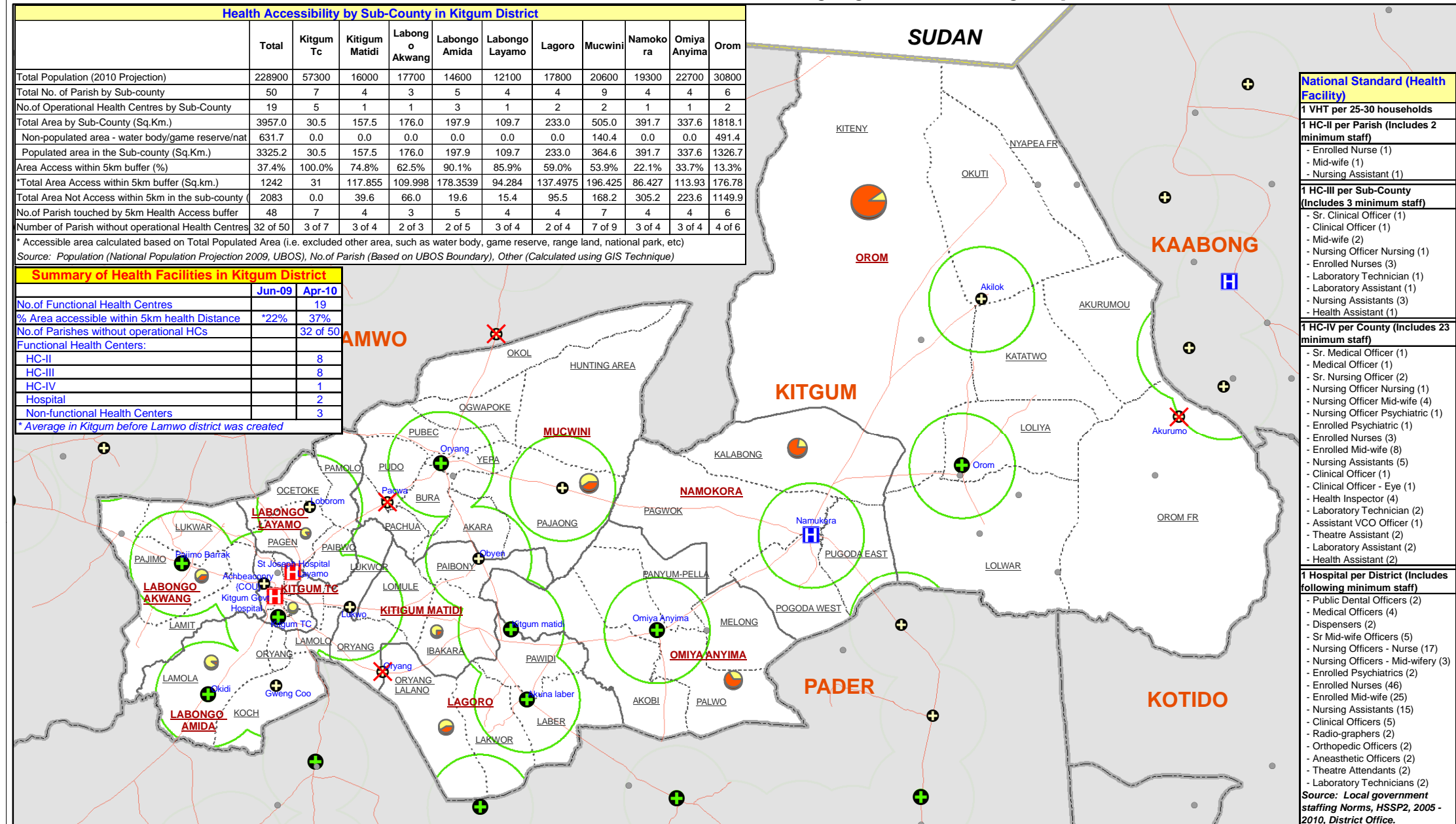
LAMWO DISTRICT: Health Accessibility by Sub-County (April 2010)



	Jun-09	Apr-10
No. of Functional Health Centres	16	16
% Area accessible within 5km health Distance	*22%	25%
No. of Parishes without operational HCs		27 of 43
Functional Health Centers:		
HC-II		7
HC-III		7
HC-IV		2
Hospital		0
Non-functional Health Centers		7
* Average in Kitgum before Lamwo district was created		

	Total	Agoro	Lokung	Madi Opei	Padibe East	Padibe West	Palabek Gem	Palabek Kal	Paloga	Palabek Ogili
Total Population (2010 Projection)	158100	22700	27500	14100	17400	16300	17300	17500	13600	11700
Total No. of Parish by Sub-county	43	6	9	4	4	4	5	4	4	3
No. of Operational Health Centres by Sub-County	16	2	4	1	2	2	2	1	1	1
Total Area by Sub-County (Sq.Km.)	5591.6	625.9	665.6	836.2	157.4	236.5	798.5	631.1	422.6	1217.8
Non-populated area - water body/game reserve/nat	267.7	237.5	0.0	0.0	0.0	0.0	0.9	0.0	26.8	2.6
Populated area in the Sub-county (Sq.Km.)	5323.9	388.4	665.6	836.2	157.4	236.5	797.6	631.1	395.8	1215.2
Area Access within 5km buffer (%)	24.9%	52.6%	44.9%	9.4%	89.9%	46.5%	19.7%	16.2%	41.7%	5.8%
*Total Area Access within 5km buffer (Sq.km.)	1327.8	204.28	298.57	78.57	141.43	110.00	157.14	102.14	165.00	70.71
Total Area Not Access within 5km in the sub-county	3996.0	184.2	367.1	757.6	15.9	126.6	640.5	529.0	230.8	1144.5
No. of Parish touched by 5km Health Access buffer	40	6	9	3	4	4	4	4	3	3
Number of Parish without operational Health Centres	27 of 43	4 of 6	5 of 9	3 of 4	2 of 4	2 of 4	3 of 5	3 of 4	3 of 4	2 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 2009, UBOS), No. of Parish (Based on UBOS Boundary), Other (Calculated using GIS Technique)										

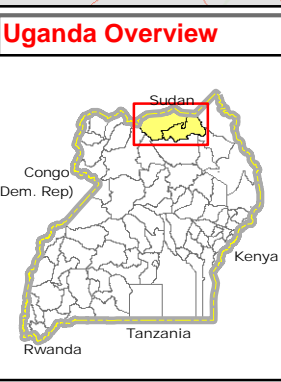
KITGUM DISTRICT: Health Accessibility by Sub-County (April 2010)



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

	Total	Kitgum Tc	Kitgum Matidi	Labongo 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/nat	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
* 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 2009, UBOS), No. of Parish (Based on UBOS Boundary), Other (Calculated using GIS Technique)											

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 (2)	
- Assistant VCO Officer (1)	
- 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)	
Source: Local government staffing Norms, HSSP2, 2005 - 2010, District Office.	



Legend (Lamwo & Kitgum)

- 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)
- Village (Black dot)
- Motorable Road (Red line)
- National Boundary (Thick grey line)
- District Boundary (Thin grey line)
- Sub-County Boundary (Dashed line)
- Parish Boundary (Dotted line)

Pie (Ratio of Approx Area)

- Access (Yellow)
- No Access (Red)
- 5km Access buffer (~ 1 - 1.5 hrs walk to any HC) (Green circle)

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 = Pie*R*R).
- 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 populated area of the sub-County.

Data Sources:

- Admin Boundaries - UBOS 2006
- Road Network - FAO, District, Ocha
- Settlements/DPs - Humanitarian Agencies
- Health Facility and thematic - District Health Office, WHO, AVSI, IRC (Apr/May 2010)

Map Disclaimer:

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

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Update: 13 May 2010

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