

LAMWO DISTRICT: Health Service Accessibility (April 2010)

Uganda Overview



Legend

- Functional Health Facility**
- + HC-II (7 Nos.)
 - + HC-III (7 Nos.)
 - + HC-IV (2 Nos.)
 - H Hospitals ()
 - X Non-Functional (7 Nos.)
- Landuse Type**
- Forest Reserve
 - Game Reserve
 - National Park
 - Rangeland
 - Water Body/Lakes
- Pie (Ratio of Approx Area)**
- Access
 - No Access
- 5km Access buffer (~ 1 - 1.5 hrs walk to any HC)
- 999 Projected Population 2010

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 (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-wife (3)
 - Enrolled Psychiatric (2)
 - Enrolled Nurses (46)
 - Enrolled Mid-wife (25)
 - Clinical Officers (5)
 - Radio-graphers (2)
 - Orthopedic Officers (2)
 - Anaesthetic Officers (2)
 - Theatre Attendants (2)
 - Laboratory Technicians (2)

Notes:

1. 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).
2. Approximate area falls inside 5 km zones are treated as accessible & falls outside are treated as not accessible.
3. Accessibility is based on aerial distance. Assumed that people travel most direct route in plain area.
4. Pie size is graduated by total area of sub-County.

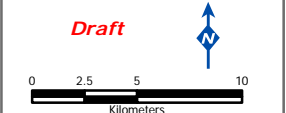
Data Sources:

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

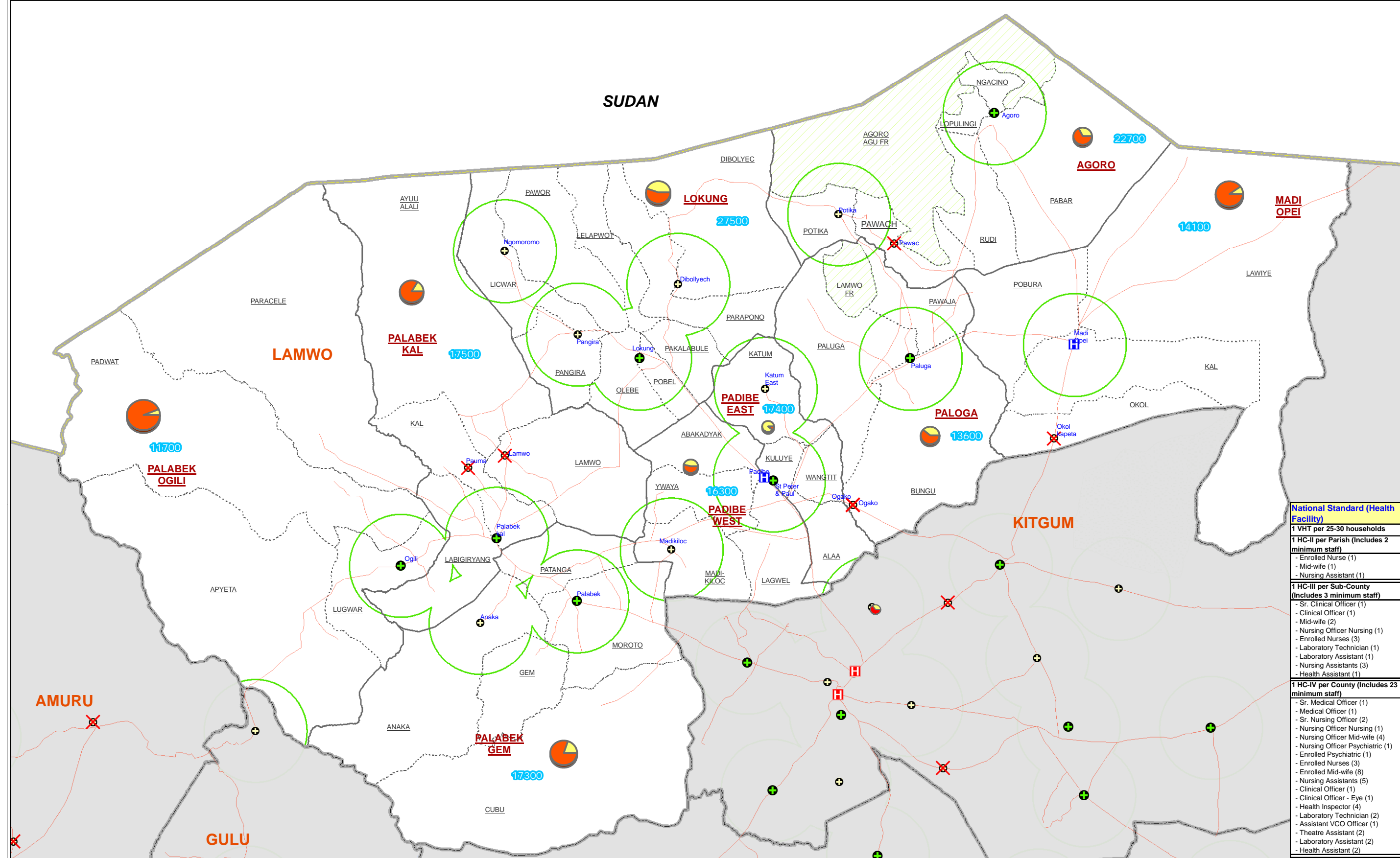
This map is a work in progress. Please contact the IMU/Ocha as soon as possible with any corrections.

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.



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Health Accessibility by Sub-County in Lamwo District

	Total	Agoro	Lokung	Madi Opei	Padibe East	Padibe West	Palabek Gem	Palabek Kal	Paloga	Parabek 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 2010, UBOS), No. of Parish (Based on UBOS Boundary), Other (Calculated using GIS Technique)

Summary of Health Facilities in Lamwo District

	Jun-09	Apr-10
No. of Functional Health Centres		18
% Area accessible within 5km health Distance	*22%	25%
No. of Parishes without operational HCs		26 of 43

Source: Local government staffing Norms, HSSP2, 2005 - 2010, District Office.

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