

LAMWO DISTRICT: Education Service Accessibility (May 2010)

Uganda Overview



Legend

- Schools by Type**
- Primary (black triangle)
 - Secondary (pink triangle)
 - Other Centers (yellow triangle)
 - Non-Functional (red X)
 - Unknown (black X)
- Infrastructure**
- Motorable Road (red line)
 - National Boundary (thick grey line)
 - District Boundary (dashed grey line)
 - Sub-County Boundary (dotted grey line)
 - Parish Boundary (dashed black line)
- Landuse Type**
- Forest Reserve (green hatched)
 - Game Reserve (green dotted)
 - National Park (green solid)
 - Rangeland (green dashed)
 - Water Body/Lakes (blue)
- Pie (Ratio of Approx Area)**
- Access (orange/red pie)
 - No Access (white pie)
 - 2.5km Access buffer (~1 hr walk to any School) (blue circle)
 - 999 Projected Population 2010 (blue number)

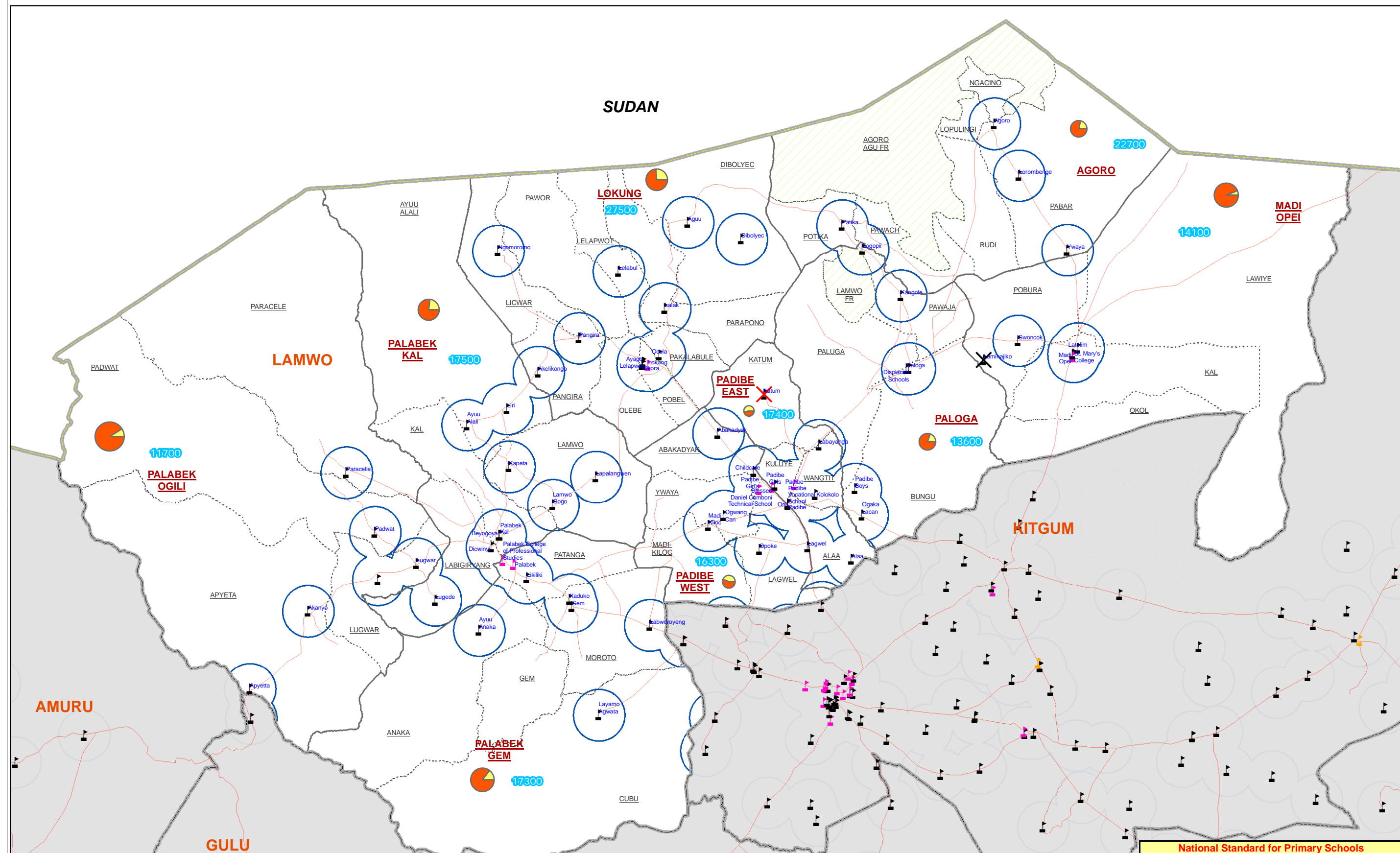
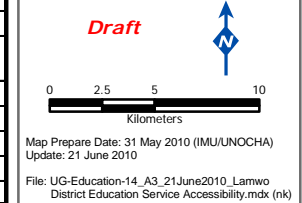
- Notes:**
- Total number of parish touched by 2.5 km access buffers, and approximate ratio of access area within sub-County are derived by using GIS technique. 2.5 km radius circle is equivalent to 19,643 sq.km area (using formula $A = \text{Pie} \times R^2$).
 - Approximate area falls inside 2.5 km zones are treated as accessible & falls outside are treated as not accessible.
 - Accessibility is based on aerial distance. Assumed that students travel most direct route in plain area.
 - Pie size is graduated by total populated area (excluded water body, game reserve, range land, nat park, etc) of sub-County.
 - Accessibility presented in this map is based on available location of Schools from the District. Therefore, accessibility level change over time. For updated school information, please contact directly to DEO or MoE.

Data Sources:

- Admin Boundaries - UBOS 2006
- Road Network - FAO, District, Ocha
- Landuse - UBOS 2006
- Education Facility and thematic - DEO/EMIS/UNHCR, Apr/May 2010 (DEO verified/commented on 18 June '10)

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.



	Education Service Accessibility by Sub-County in Lamwo District									
	Total	Agoro	Lokung	Madi Opei	Palabek East	Palabek West	Palabek Gem	Palabek Kal	Paloga	Parabek Ogili
Total Population (2010)	158100	22700	27500	14100	17400	16300	17300	17500	13600	11700
Total No. of Parish by Sub-county	44	6	9	4	4	4	5	4	4	4
No. of Operational Schools (Primary+Secondary)	66	4	13	5	9	7	8	9	6	5
Total Area by Sub-county (Sq.Km.)	5589.0	625.9	665.6	836.2	157.4	236.5	798.5	631.1	422.6	1215.2
Non-populated area - water body/game reserve/nat park (Sq.Km)	265.1	237.5					0.9		26.8	
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 2.5km buffer (%)	17.84%	21.49%	26.56%	6.11%	53.05%	43.60%	14.78%	23.34%	19.85%	8.89%
Total Area Access within 2.5km buffer (Sq.km.)	949.7	83.5	176.8	51.1	83.5	103.1	117.9	147.3	78.6	108.0
Total Area Not Access within 2.5km (Sq.Km.)	4374.1	305.0	488.8	785.1	73.9	133.4	679.8	483.8	317.2	1107.2
No. of Parish touched by 2.5km Access buffer	41	5	9	3	4	4	4	4	4	4
No. of Parish without Operational Schools (PS+SS)	11 of 44	4 of 6	2 of 9	2 of 4	1 of 4	0 of 4	1 of 5	0 of 4	1 of 4	0 of 4

* Accessible area calculated based on Total Populated Area (i.e. excluded 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 Education Facilities in Lamwo District		
	Dec-08	May-10
No. of Functional Education Centres	37	66
% Area accessible within 2.5km School Distance	*14.34%	18%
No. of Parishes without operational Schools	20 of 44	11 of 44
Functional Education Centers:		
Primary		58
Secondary		8
Others (Technical Institutions)		2
Non-functional Schools		
* Average in Kitgum before Lamwo district was created		

National Standard for Primary Schools	
School Access	Minimum one primary school per Parish
Distance to School	Maximum 2.5km
Teacher/Pupil Ratio	1:55 (Qualified teacher)
Female Teacher	Atleast one per school
Teacher Accomodation	Minimum 4 semi-permanent house with separate housing for female
Class room/Pupil Ratio	1:55
Desk/Pupil Ratio	1:3
Textbook/Pupil Ratio	1:3
Stance/Pupil Ratio	1:40 (separate for boys & girls, with hand washing facilities)
Drinking water access	Maximum 200 metres
Playground	Save for boys and girls
Food	Minimum 1 meal per day at school
Inspector/Schools Ratio	1:40

Source: Pader District