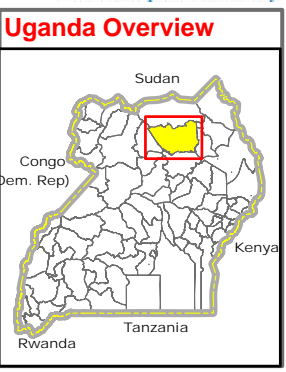
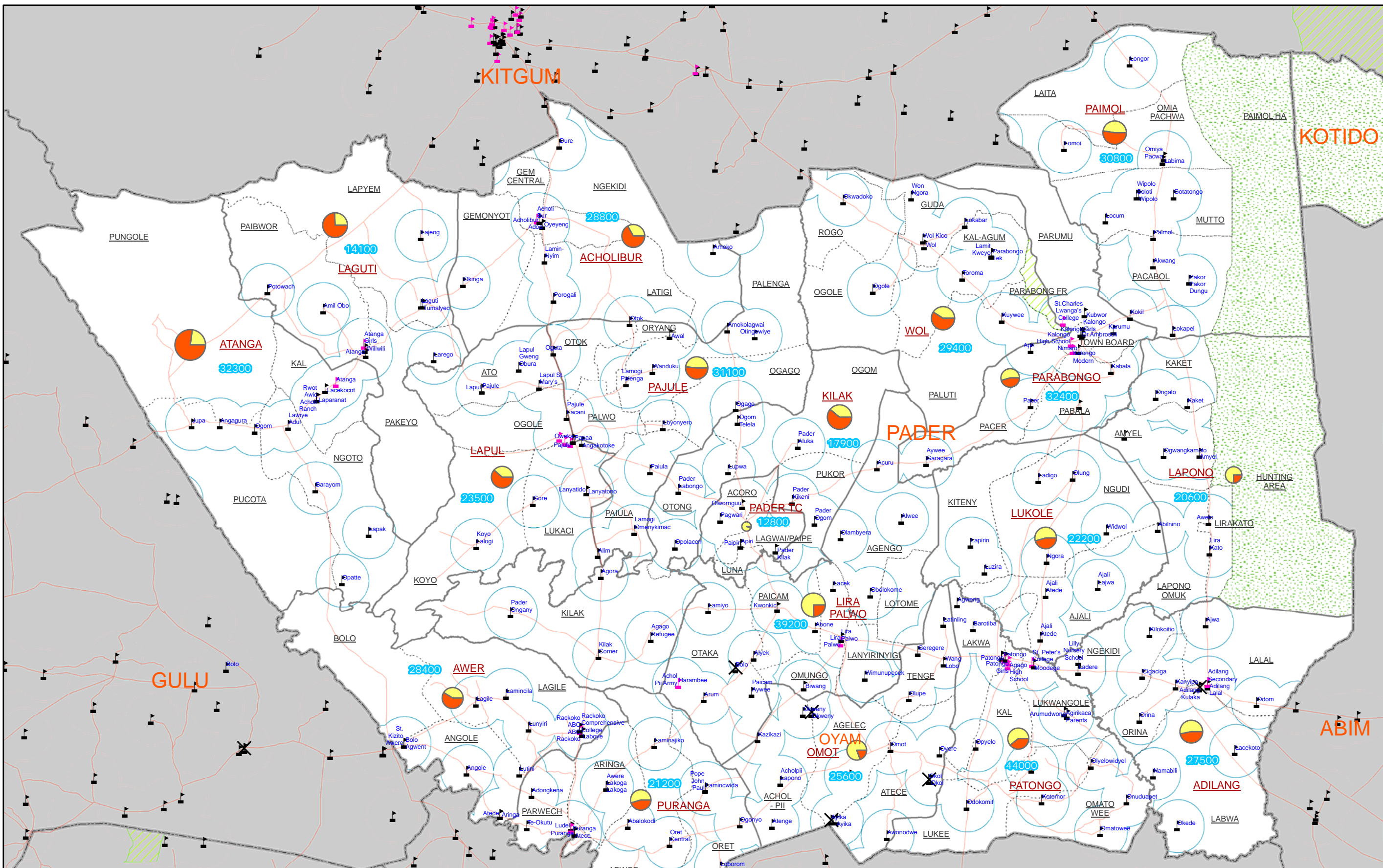


# PADER DISTRICT: Education Service Accessibility - June 2010



### 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 (Thin grey line)
- Sub-County Boundary (Dashed line)
- Parish Boundary (Dotted line)

**Landuse Type**

- Forest Reserve (Green hatched)
- Game Reserve (Green dotted)
- National Park (Green solid)
- Rangeland (Green stippled)
- Lakes/Water Body (Blue)

**Pie (Ratio of Approx Area)**

- Access (Orange)
- No Access (Yellow)

**Other Symbols**

- 2.5km Access buffer (~1 hr walk to any School) (Blue circle)
- Projected Population 2010 (Number in blue circle)

- ### 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  $A = \pi r^2$ ).
  - 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/Unicef/MoE, Apr/May 2010 (Updates - DEO/Unicef, 4 June 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.

**Education Service Accessibility by Sub-County in Pader District**

	Total	Acholibu	Adilang	Atanga	Awer	Kilak	Laguti	Lapono	Lapul	Lira Palwo	Lukole	Omot	Pader Tc	Paimol	Pajule	Parabon go	Patongo	Puranga	Wol
Total Projected Population (2010)	481800	28,800	27,500	32,300	28,400	17,900	14,100	20,600	23,500	39,200	22,200	25,600	12,800	30,800	31,100	32,400	44,000	21,200	29,400
Total No. of Parish by Sub-county	74	4	4	4	3	11	10	4	4	6	3	4	3	4	6	4	5	4	5
No. of Operational Schools (Primary+Secondary)	223	9	13	12	14	4	11	7	16	17	10	14	5	14	11	15	19	16	10
Total Area by Sub-county (Sq.Km.)	6854.0	384.3	380.0	687.1	321.1	438.7	448.1	465.0	345.2	417.4	343.0	286.3	64.7	618.8	365.4	253.5	323.6	305.3	406.6
Non-populated area - water body/game reserve/nat park (Sq.Km.)	495.7			0.2				267.9						216.6					11.0
Populated area in the Sub-county (Sq.Km.)	6358.3	384.3	380.0	686.9	321.1	438.7	448.1	197.1	345.2	417.4	343.0	286.3	64.7	402.2	365.4	253.5	323.6	305.3	395.5
Area Access within 2.5km School service buffer (%)	47.3%	33.2%	53.2%	22.9%	41.3%	39.2%	25.6%	74.7%	38.4%	75.3%	54.4%	80.6%	47.6%	48.4%	54.3%	60.7%	54.7%	41.0%	
Total Area Access within 2.5km School service buffer (Sq.km.)	3010.3	127.7	202.3	157.1	132.6	171.9	114.9	147.3	132.6	314.3	186.6	230.8	60.9	191.5	176.8	137.5	196.4	167.0	162.1
Total Area Not Access within 2.5km School service buffer (Sq.Km.)	3348.0	256.6	177.7	529.8	188.6	266.8	333.1	49.8	212.6	103.1	156.4	55.5	3.8	210.7	188.6	116.0	127.1	138.4	233.5
No. of Parish touched by 2.5km School access buffer	74	4	4	4	3	4	3	4	4	6	3	4	3	4	6	4	5	4	5
No. of Parish without Operational Schools (PS+SS)	6 of 74	0 of 4	0 of 4	1 of 4	1 of 3	0 of 4	0 of 3	1 of 4	0 of 4	1 of 6	0 of 3	0 of 4	1 of 3	0 of 4	1 of 6	0 of 4	0 of 5	0 of 4	0 of 5

**Summary of Education Facilities in Pader District**

	Dec-08	May-10
No. of Functional Schools		223
% Area accessible within 2.5km School Distance	45.85%	47.30%
No. of Parishes without operational Schools	7 of 74	6 of 74
Functional Education Centers:		
Primary Schools	196	204
Secondary Schools		19
Others (ECD Centers)		34
Non-functional Schools or unknown status		5

\* 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)