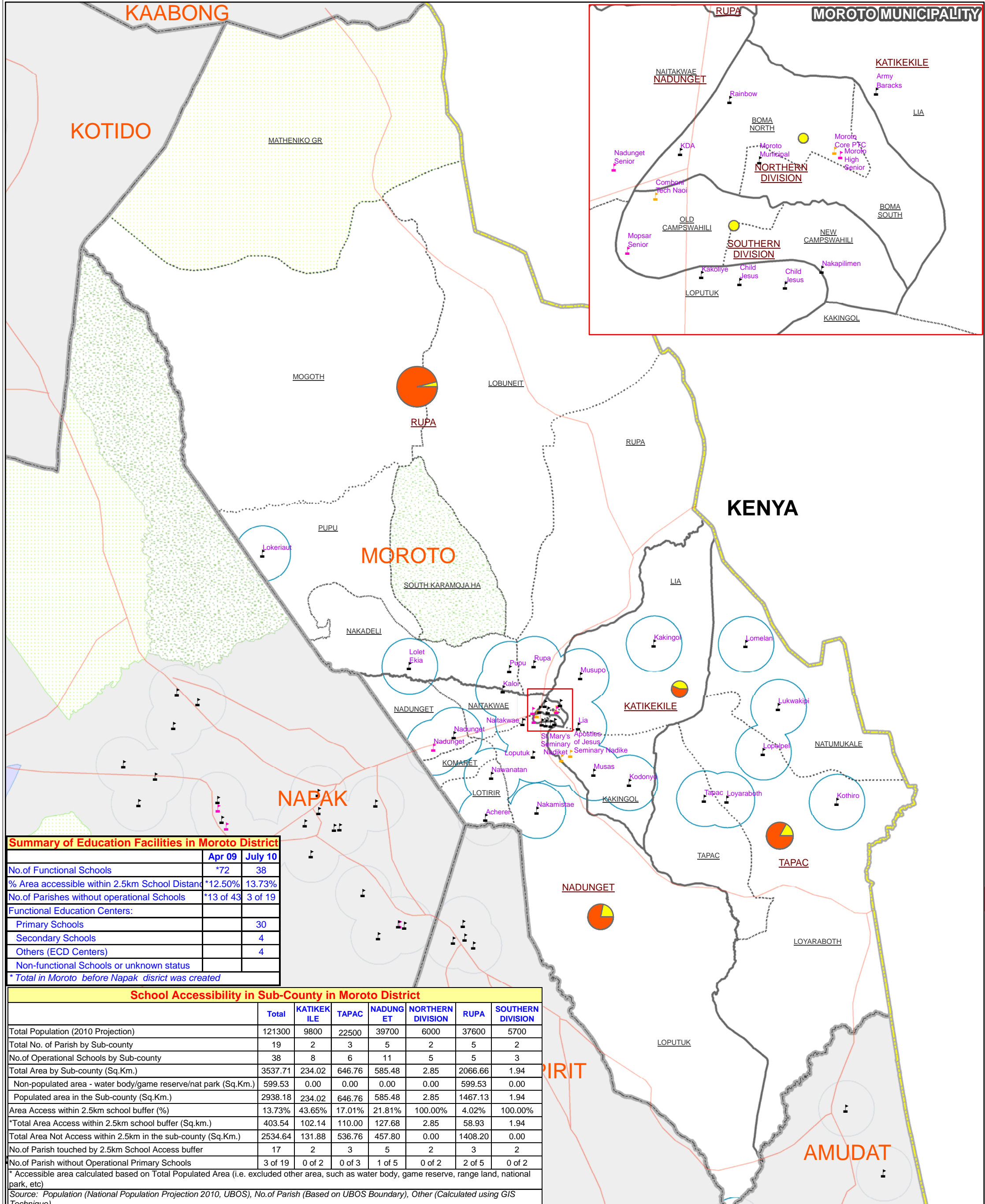


MOROTO DISTRICT: School Accessibility in Sub-County (July 2010)



Summary of Education Facilities in Moroto District

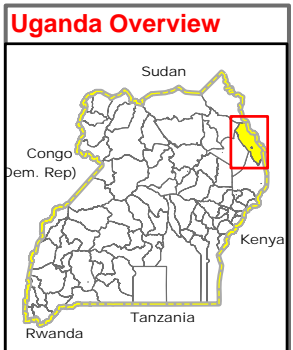
	Apr 09	July 10
No. of Functional Schools	*72	38
% Area accessible within 2.5km School Distance	*12.50%	13.73%
No. of Parishes without operational Schools	*13 of 43	3 of 19
Functional Education Centers:		
Primary Schools		30
Secondary Schools		4
Others (ECD Centers)		4
Non-functional Schools or unknown status		

* Total in Moroto before Napak district was created

School Accessibility in Sub-County in Moroto District

	Total	KATIKEK ILE	TAPAC	NADUNG ET	NORTHERN DIVISION	RUPA	SOUTHERN DIVISION
Total Population (2010 Projection)	121300	9800	22500	39700	6000	37600	5700
Total No. of Parish by Sub-county	19	2	3	5	2	5	2
No. of Operational Schools by Sub-county	38	8	6	11	5	5	3
Total Area by Sub-county (Sq.Km.)	3537.71	234.02	646.76	585.48	2.85	2066.66	1.94
Non-populated area - water body/game reserve/nat park (Sq.Km.)	599.53	0.00	0.00	0.00	0.00	599.53	0.00
Populated area in the Sub-county (Sq.Km.)	2938.18	234.02	646.76	585.48	2.85	1467.13	1.94
Area Access within 2.5km school buffer (%)	13.73%	43.65%	17.01%	21.81%	100.00%	4.02%	100.00%
*Total Area Access within 2.5km school buffer (Sq.km.)	403.54	102.14	110.00	127.68	2.85	58.93	1.94
Total Area Not Access within 2.5km in the sub-county (Sq.Km.)	2534.64	131.88	536.76	457.80	0.00	1408.20	0.00
No. of Parish touched by 2.5km School Access buffer	17	2	3	5	2	3	2
No. of Parish without Operational Primary Schools	3 of 19	0 of 2	0 of 3	1 of 5	0 of 2	2 of 5	0 of 2

* 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)



Legend

Schools by Type

- Primary (30 Nos.)
- Secondary (4 Nos.)
- Other Tech (4 Nos.)
- Non-Functional ()

Landuse Type

- Forest Reserve
- Game Reserve
- National Park
- Rangeland
- Water Body/Lakes

National Boundary

- District Boundary
- Sub-County Boundary
- Parish Boundary
- Motorable Road

Pie (Ratio of Populated Area)

- Access
- No Access

Notes:

- Approximate ratio of access area within Sub-County are derived by using GIS technique. 2.5km radius circle is equivalent to 19.643 sq.km area (using formula $A = \text{Pie} \times R^2$).
- Approximate area falls inside 2.5km radius 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 of Sub-County.
- Accessibility is based on available location of Education centres from the District Education Office (DEO). Therefore, accessibility change over time, please contact directly to DEO for more info.

Data Sources:

- Admin Boundaries - UBOS 2006
- Landuse - UBOS 2006
- Road Network - FAO, District Partners, UNOCHA
- Thematic - Moroto DEO (Re-Verified as of July 2010)

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: 06 Aug 2010 (IMU/UNOCHA, Kampala)
 File: UG-Education-29_A3_06Aug2010_Moroto District School Accessibility in Sub-County.mxd (nk)