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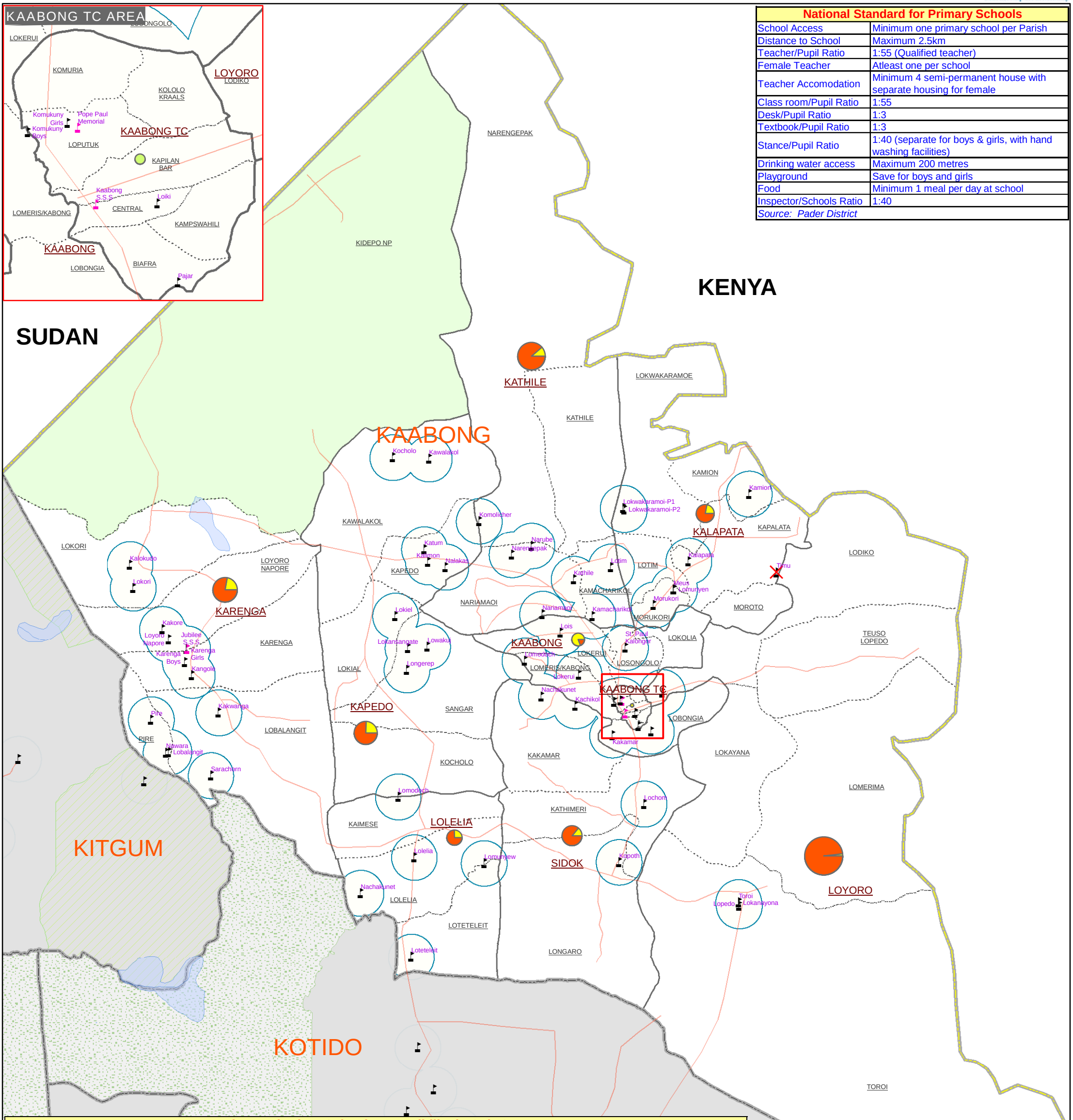
KAABONG DISTRICT: Education Accessibility in Sub-County (Aug 2010)

OCHA Partnership for Humanity

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	



Kaabong District: School Accessibility in Sub-County

	Total	KAABONG	KAABONG TC	KALAPATA	KAPEDO	KARENGA	KATHILE	LOLELIA	LOYORO	SIDOK
Total Population (2010 Projection)	345300	65800	22300	57200	41400	37000	39000	25900	27400	29300
Total No. of Parish by Sub-county	43	5	7	6	5	5	4	3	5	3
No.of Operational Schools by Sub-County	61	7	5	7	9	13	7	5	4	4
Total Area by Sub-County (Sq.Km.)	7220.0	212.1	13.7	428.1	698.5	2128.2	1001.3	308.3	1901.4	528.3
Non-populated area - water body/game reserve/nat park (Sq.Km.)	1333.5	0.0	0.0	0.0	0.0	1333.5	0.0	0.0	0.0	0.0
Populated area in the Sub-county (Sq.Km.)	5886.5	212.1	13.7	428.1	698.5	794.7	1001.3	308.3	1901.4	528.3
Area Access within 2.5km buffer (%)	15.77%	81.0%	100.0%	22.0%	24.6%	22.2%	11.3%	25.5%	1.8%	13.9%
*Total Area Access within 2.5km buffer (Sq.km.)	928.1	171.9	13.7	94.3	171.9	176.8	112.9	78.6	34.4	73.7
Total Area Not Access within 2.5km in the sub-county (Sq.Km.)	4958.5	40.3	0.0	333.8	526.6	617.9	888.4	229.7	1867.0	454.7
No.of Parish touched by 2.5km School Access buffers	39	5	7	5	5	5	4	3	2	3
Number of Parish without operational Schools	12 of 43	1 of 5	4 of 7	2 of 6	1 of 5	0 of 5	1 of 4	0 of 3	3 of 5	0 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 Education Facilities in Kaabong

	Aug 09	Aug 10
No.of Functional Schools	56	61
% Area accessible within 2.5km School Distanc	13.00%	15.77%
No.of Parishes without operational Schools	15 of 43	12 of 43
Functional Education Centers:		
Primary Schools		58
Secondary Schools		3
Others (ECD Centers)		
Non-functional Schools or unknown status		1

Uganda Overview

Legend

Schools by Type
- Primary (58 Nos.)
- Secondary (3 Nos.)
- Other Tech ( )
- Non-Functional (1 No.)

2.5km Access buffer (~1 hr walk to any School)

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

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

Pie (Ratio of Pop. Area)
- Access
- No Access

Notes:

1. 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 = Pie*R*R).
2. Approximate area falls inside 2.5km radius zones are treated as accessible & falls outside are treated as not accessible.
3. 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.
4. 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 - OCHA/WFP/DEO, Aug09 (Re-verified as of Aug 2010)

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

0 4 8 16
Kilometers

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: 10 Aug 2010 (IMU/UNOCHA, Kampala)

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