

KITGUM DISTRICT: Health Accessibility by Sub-County (June 2009)

Uganda Overview



Legend

Functional Health Centres

- HC-II (11 Functional)
- HC-III (12 Functional)
- HC-IV (2 Functional)
- Hospital (2 Functional)
- HC-II (9 Non-Functional)
- IDP Camp
- IDP Return Site/Village

Hep E Cum Cases (5 July 09)

- 1 - 300
- 301 - 700
- 701 - 1200
- 1201 - 2113

Landuse Type

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

Pie (Ratio of Approx Area)

- Access
- No Access
- 5 km Access buffer (~ 1 hr walk to any HC)

Data Sources:

- Admin Boundaries - UBOS 2006
- Admin Centres - UBOS 2002/2006
- Landuse - UBOS 2006
- Road Network - FAO
- IDP/Return Sites/Village - Humanitarian Agencies in the field
- Health Centres - Kitgum DHO, Sep 08 (Verified as of June 09)
- Hep E Cumulative Case - WHO, 5 Jul 09

Notes:

- Total number of parish touched by 5 km access buffers, and approximate ratio of accessible area within sub-County are derived by using GIS technique. 5 km radius circle is equivalent to 78.57 sq.km area (using formula $A = \text{Pie} \times R^2$).
- Approximate area falls inside 5 km accessibility zones are treated as accessible & falls outside are treated as no accessible.
- Accessibility is based on aerial distance. Assumed that people travel most direct route in plain area.
- Pie size is graduated by total area of sub-County.
- Accessibility presented in this map is based on available location of Health Centres from the District. Therefore, accessibility level change over time. For updated health information, please contact directly to DHO & WHO.

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.



SUDAN

KAABONG

KITGUM

KOTIDO

AMURU

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 (1)
- Public Health Nurse (1)
- Nursing Officer Nursing (1)
- Nursing Officer Mid-wife (1)
- Nursing Officer Psychiatric (1)
- Enrolled Psychiatric (1)
- Enrolled Nurses (3)
- Enrolled Mid-wife (3)
- Nursing Assistants (5)
- Clinical Officer (1)
- Clinical Officer - Eye (1)
- Health Inspector (1)
- Public Health Dental Officer (1)
- Laboratory Technician (1)
- Assistant Epidemiologist Officer (1)
- Assistant Health Educator (1)
- Anaesthetic Officer (1)
- Anaesthetic Assistant (1)
- Theatre Assistant (1)
- Laboratory Assistant (1)
- Health Assistant (1)

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-wifery (3)
- Enrolled Psychiatric (2)
- Enrolled Nurses (46)
- Enrolled Mid-wife (25)
- Nursing Assistants (15)
- Clinical Officers (5)
- Radio-graphers (2)
- Orthopedic Officers (2)
- Anaesthetic Officers (2)
- Theatre Attendants (2)
- Laboratory Technicians (2)

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

Health Accessibility by Sub-County in Kitgum District																				
	Total	Agoro	Kitgum Tc	Kitigum Matidi	Labongo Akwang	Labongo Amida	Labongo Layamo	Lagoro	Lokung	Madi Opei	Mucwini	Namokora	Omiya Anyima	Orom	Padibe East	Padibe West	Palabek Gem	Palabek Kal	Paloga	Parabek Ogili
Total Population (2009 Projection)	365000	21400	54000	15100	16700	13800	11400	16900	25900	13300	19500	18200	21400	29100	16300	15400	16300	16500	12800	11000
Total No. of Parish by Sub-county	97	7	7	4	3	4	4	4	9	4	10	4	4	8	4	4	5	4	4	4
No. of Operational Health Centres by Sub-County	27	2	2	1	1	3	0	2	3	1	1	1	1	2	1	1	2	1	1	1
Total Area by Sub-County (Sq.Km.)	9548.6	625.9	30.5	157.5	176.0	197.9	109.7	233.0	665.6	836.2	505.0	391.7	337.6	1818.1	157.4	236.5	797.6	631.1	422.6	1217.8
Non-populated area - water body/game reserve/nat park (Sq.Km.)	899.5	237.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	140.4	0.0	0.0	491.4	0.0	0.0	0.9	0.0	26.8	2.6
Populated area in the Sub-county (Sq.Km.)	8649.1	388.4	30.5	157.5	176.0	197.9	109.7	233.0	665.6	836.2	364.6	391.7	337.6	1326.7	157.4	236.5	797.6	631.1	395.8	1215.2
Area Access within 5km buffer (%)	21.9%	36.4%	100.0%	65.4%	58.0%	90.1%	35.1%	59.0%	31.9%	9.4%	21.5%	20.1%	26.8%	11.8%	24.0%	17.3%	19.7%	14.3%	21.8%	4.2%
*Total Area Access within 5km buffer (Sq.km.)	1890	141.4	30.5	102.9	102.1	178.4	38.5	137.5	212.1	78.6	78.6	78.6	90.4	157.1	37.7	40.9	157.1	90.4	86.4	51.1
Total Area Not Access within 5km in the sub-county (Sq.Km.)	6759	247.0	0.0	54.6	73.9	19.6	71.2	95.5	453.5	757.6	286.0	313.1	247.2	1169.6	119.6	195.7	640.5	540.8	309.3	1164.1
No. of Parish touched by 5km Health Access buffer	83	7	7	4	3	4	2	4	9	3	7	4	4	5	4	3	4	3	4	2
Number of Parish without operational Health Centres	70 of 97	5 of 7	5 of 7	3 of 4	2 of 3	1 of 4	4 of 4	2 of 4	6 of 9	3 of 4	9 of 10	3 of 4	3 of 4	6 of 8	3 of 4	3 of 4	3 of 5	3 of 4	3 of 4	3 of 4

* 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 2009, UBOS), No. of Parish (Based on UBOS Boundary), Other (Calculated using GIS Technique)

No. of Parish without operational HCs	70 of 97
No. of Sub-county without operational HC-III+	4 of 19
No. of County without operational HC-IV or Hospitals	0 of 2

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