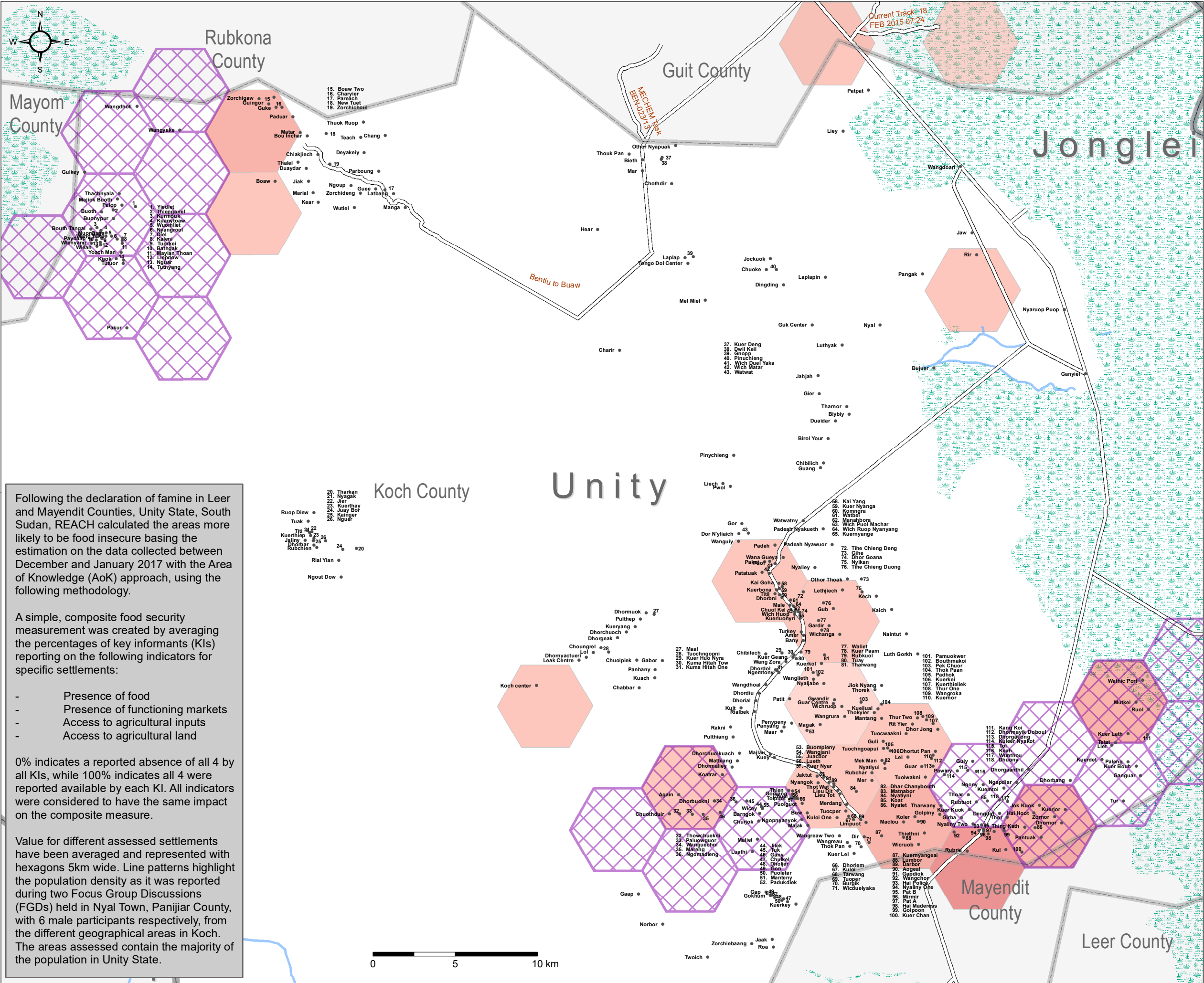


SOUTH SUDAN - Koch County

Composite food security indicators and population density

For Humanitarian Purposes Only
Production date: 2 March 2017



Settlements

- State capital
- County capital
- Principal town
- Village

Other features

- International
- County
- State
- Disputed area
- Undetermined
- Fresh water marsh

Population

- High
- Moderate

Composite indicators

- 100%
- 0%



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Agency for Development
and Cooperation SDC

Data sources:
Food security indicators: REACH
Administrative boundaries: UNOCHA;
Settlements: UNOCHA;
Coordinate System: GCS WGS 1984
Contact: south.sudan@reach-initiative.org

Note: Data, designations and boundaries contained
on this map are not warranted to be error-free and do
not imply acceptance by the REACH partners,
associates, donors or any other stakeholder

File:
REACH_SSD_Map_Famine_Koch_Composite
FoodSecurityIndicatorsPopDensity_2March2017

Following the declaration of famine in Leer and Mayendit Counties, Unity State, South Sudan, REACH calculated the areas more likely to be food insecure basing the estimation on the data collected between December and January 2017 with the Area of Knowledge (AoK) approach, using the following methodology.

A simple, composite food security measurement was created by averaging the percentages of key informants (KIs) reporting on the following indicators for specific settlements:

- Presence of food
- Presence of functioning markets
- Access to agricultural inputs
- Access to agricultural land

0% indicates a reported absence of all 4 by all KIs, while 100% indicates all 4 were reported available by each KI. All indicators were considered to have the same impact on the composite measure.

Value for different assessed settlements have been averaged and represented with hexagons 5km wide. Line patterns highlight the population density as it was reported during two Focus Group Discussions (FGDs) held in Nyal Town, Panjari County, with 6 male participants respectively, from the different geographical areas in Koch. The areas assessed contain the majority of the population in Unity State.