

SPATIAL ANALYSIS OF OPERATIONAL DATA: CH Phases & 5W (Feb.) - BORNO STATE

Methodology

- Specific objective

“to identify the **reached**, **unmet** and where **gaps** are within Borno State in order for the partners to determine if corrective action needs to be taken”

- Working definition -

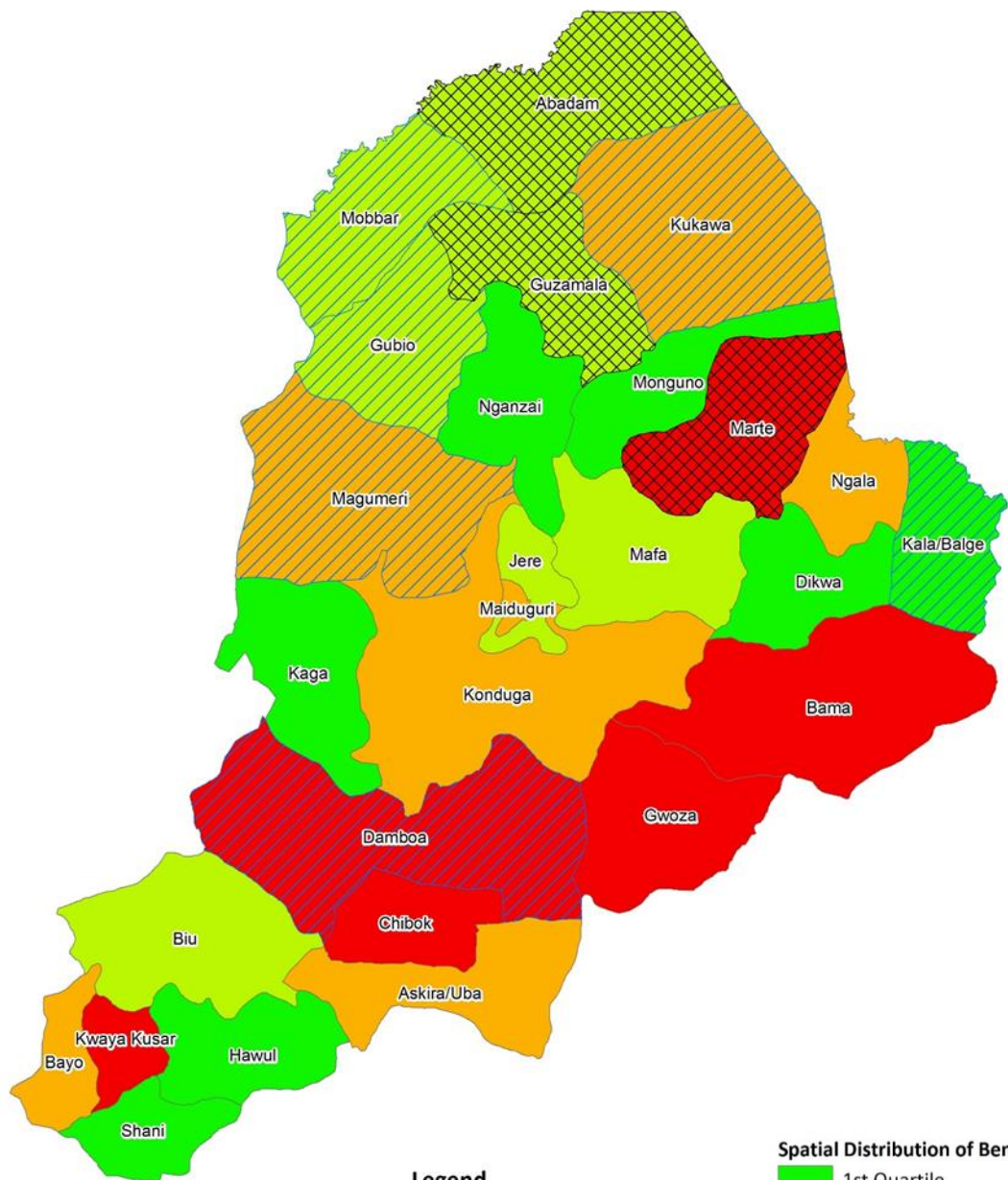
- **Reached** – The # of beneficiaries whose food & agricultural needs are met
- **Unmet** – The # of beneficiaries not accessing FSS intervention, due to limited availability or accessibility challenges
- **Gaps** - Shows the difference between the needed response and the actual state

Methodology

- Spatial distribution of the target population – summarized using Quartile (Quarters – 1st 2nd 3rd 4th)
- Identification of the appropriate intervention option - Based on the natural breaks (Jenks) of the quotient,



$$\frac{\sum(Ph3:Ph4:Ph5)}{\sum(Ph1:Ph2)}$$





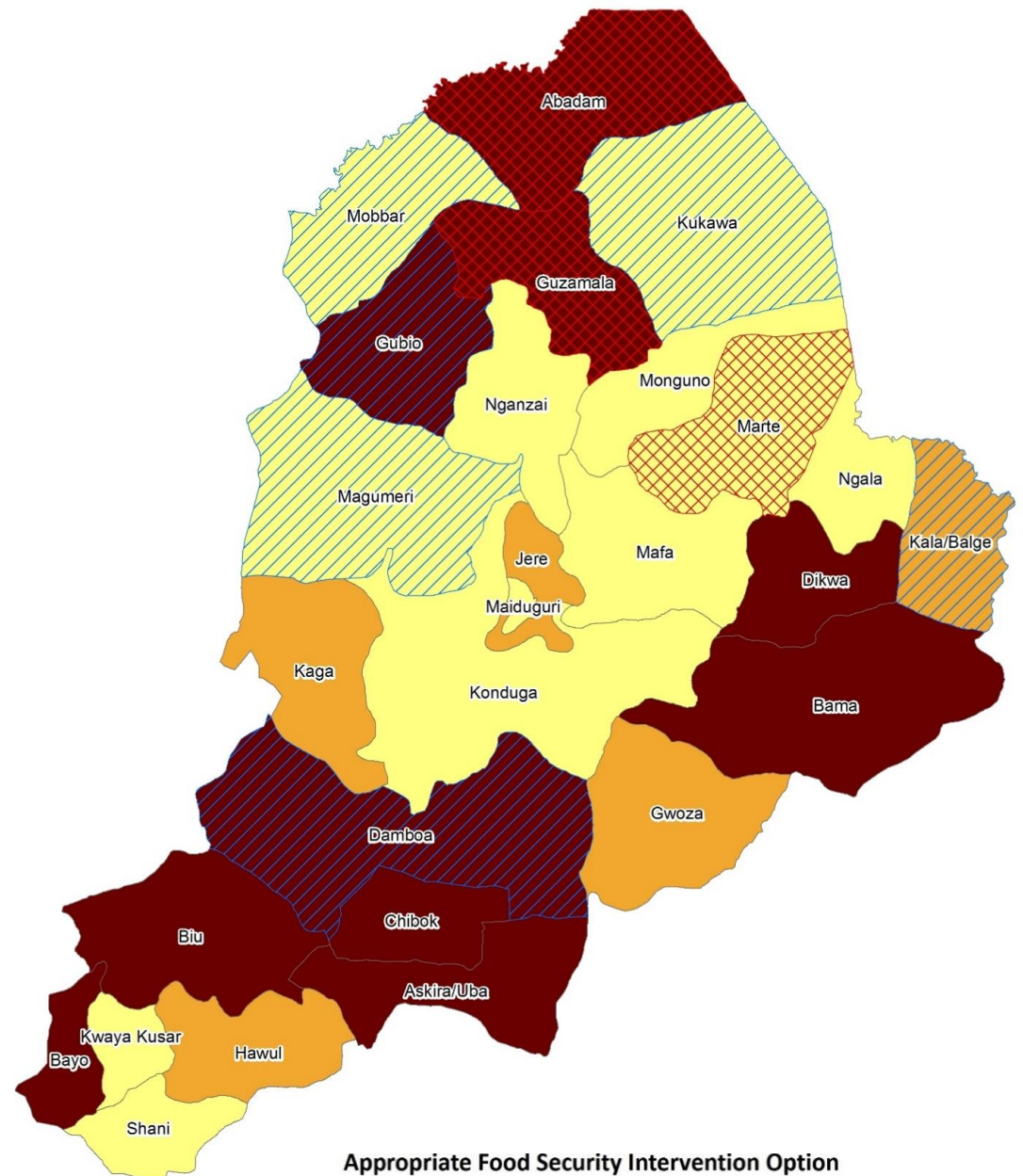
Legend

Accessibility

-  Inaccessible
-  Limited accessibility



Spatial Distribution of Beneficiaries




-  1st Quartile
-  2nd Quartile
-  3rd Quartile
-  4th Quartile



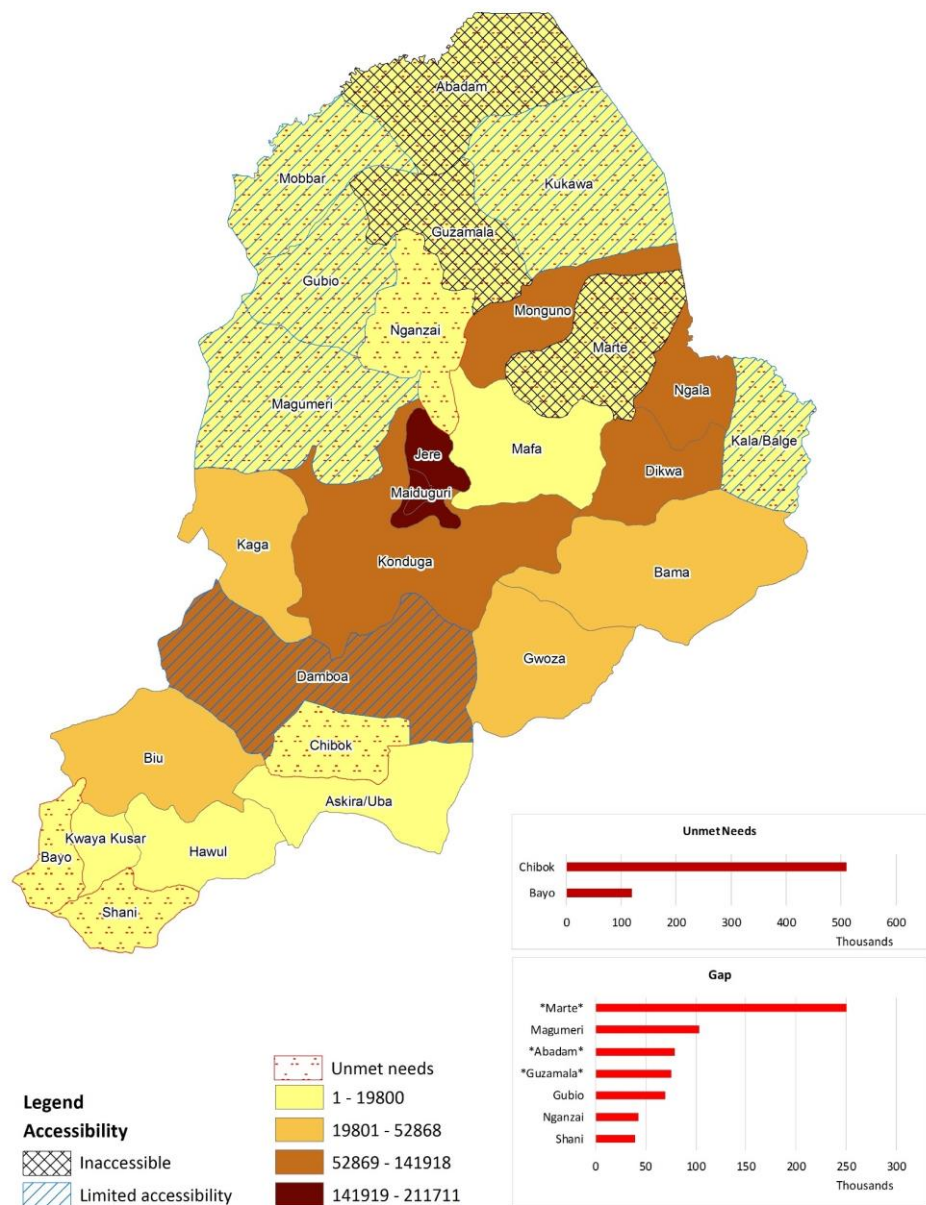
Appropriate Food Security Intervention Option

Accessibility

-  Inaccessible
-  Limited accessibility

-  > Food Assistance (In-kind & In-cash)
-  Equal mix of Food Assistance and Agricultural Interventions
-  > Agricultural and Livelihood Interventions (In-kind & In-cash)

Food Distribution Status, Unmet Needs & Gaps Borno State (5w - Feb 2017)



Agricultural & Livelihood Status, Unmet Needs & Gaps Borno State (5w - Feb 2017)

