

NBS/WFP Collaborative Survey on Emergency Food Security Assessment (EFSA) in some North East & North West States Sept., 2017

Survey Design

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Introduction

- ❑ The fragile security in northeastern Nigeria continues to restrict movement, hinder agriculture, access to basic services
- ❑ Despite some improvement in territorial access for the humanitarian community, incidents of ambushes and attacks along major access roads, coupled with the ongoing military operations has hampered the scale-up of humanitarian assistance to some hard-to-reach areas
- ❑ In Borno, Yobe and Adamawa, sporadic attacks and suicide bombing of markets and IDP camps underscore the unpredictable nature of the ongoing insurgency and its humanitarian consequences.



Introduction

- ❑ Since April 2017, upsurge in the number of refugees returning from Cameroon, Niger and Chad has brought more pressure on the already overstretched camps in the border towns of Banki, Gamboru, Ngala, Damasak etc
- ❑ The influx of returnees into overcrowded camps in the face of limited access to potable water, latrines and shelter facilities has increased the risk of disease outbreaks



Introduction

- ❑ In order to further update the food security situation in the worst affected areas of Borno, Yobe, Adamawa and provide evidence-based food security information to support the October Cadre harmonise analysis and the targeting of beneficiaries at LGA level
 - This in-depth emergency food security assessment (EFSA) was proposed.
- ❑ The Government has asked WFP to include Katsina, Sokoto and Jigawa in the survey coverage



Objectives

□ The main objectives of this EFSA are

- To collect food security Household level outcomes required for the October 2017 CH analysis in Borno, Yobe and Adamawa along with Katsina, Sokoto and Jigawa;
- To assess the food security status of IDPs and host populations in these states
- To determine the demographic, geographic and socio-economic characteristics of food insecure households
- To define the underlying causes of food insecurity
- To provide recommendations for the targeting of severely food insecure household.



Coverage

- ❑ A total of 6 states will be covered in this EFSA
 - Three states of the North East affected by the insurgency
 - Adamawa, Borno and Yobe
- ❑ 3 states in the North West
 - Jigawa, Katsina and Sokoto
- ❑ Every accessible and partially accessible LGA in these North East states will be canvassed except 3 LGAs in Borno state
- ❑ Jigawa, Katsina and Sokoto states in the North West will be studied at senatorial levels



Scope

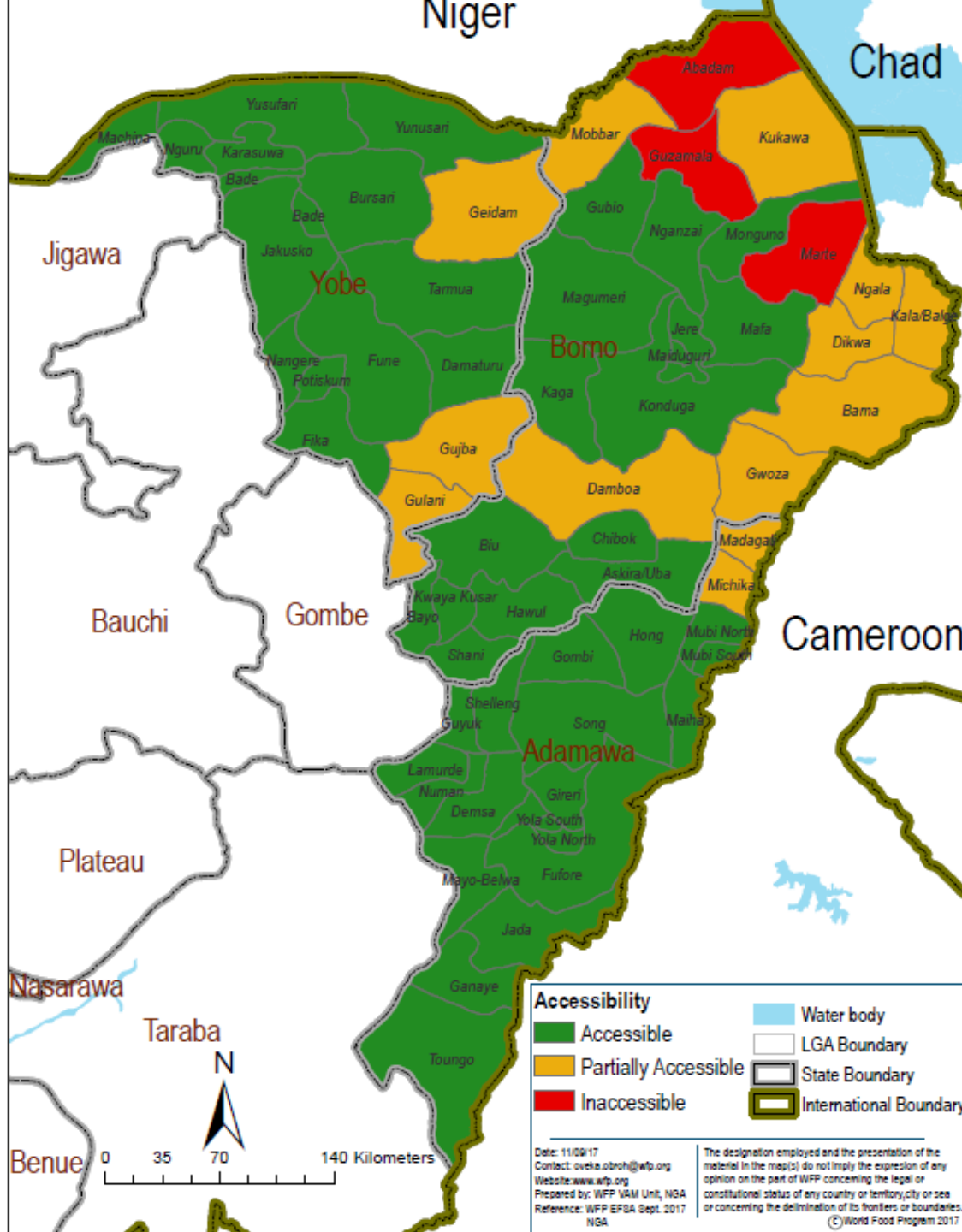
- ❑ The subject area of interest include
 - Household Composition
 - Protection
 - Food Consumption and Sources
 - Household Coping Strategies
 - Housing and Facilities
 - Agricultural Production
 - Income/Livelihood Sources and Debts
 - Expenditure
 - Shocks
 - Household Hunger Score
 - Assistance
 - Mobile Monitoring Follow up
 - Etc.



Sample Design

- ❑ The frame of EAs demarcated by NPopC for 2006 Housing and Population Census will be used
- ❑ NBS LGA frame constructed which contains 30 EAs per LGA will be adopted
 - The LGA frame of EAs is grouped into 3 replicates
 - ✓ A replicate contains 10 EAs
- ❑ All accessible LGAs in each of the 3 NE states will be studied
- ❑ Twenty (20) EAs will be studied per LGA





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 NGA

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Sample Design Contd.

- The number of EAs to be studied varies by state according to the number of LGA that are accessible in the state
 - ✓ Adamawa 21 LGAs
 - ✓ Borno 24 LGAs (except Abadam, Marte and Mobbar)
 - ✓ Yobe 17 LGAs
- ☐ In Jigawa, Katsina and Sokoto states
 - 20 EAs will be selected per Senatorial Zone
- ☐ Both urban and rural EAs will be canvassed across all the states



Sample Design Contd.

- ❑ fifteen (15) HHs will be studied in each of the selected EAs
- ❑ A total of 1,240 EAs will be studied in all for NE
 - 18,600 HHs will be interviewed in the 3 selected states
- ❑ 60 EAs will be canvassed per state in the 3 NW states
 - 900 HHs will be interviewed
- ❑ A quick listing and household selection should be carried out in each selected EA
- ❑ 30 IDPs camps/settlements would be covered per state in NE
- ❑ 15 households would be studied per selected IDP settlement
- ❑ This selection would be done such that no 2 respondents are from the same household



Sample Design Contd.

- ❑ Fifteen (15) HHs will be studied in each of the selected EAs
- ❑ 20 EAs per LGA / 300 HH by LGA for NE States

Sample size per State

	Representative	# of EA per LGA/Strata	# of Household per State
Borno	LGA	20	7,200
Yobe	LGA	20	5,100
Adamawa	LGA	20	6,300
Sokoto	Zonal	20	900
Jigawa	Zonal	20	900
Katsina	Zonal	20	900

- ❑ 30 IDPs sites will be selected PPS in each States and 15 HHs in each site
- ❑ A quick listing and household selection should be carried out in all EAs .



Household Selection Procedure

- ❑ After selecting the studied EAs from the LGA frame
- ❑ There would be a quick listing of the households
- ❑ The studied household would be selected using the Systematic Sampling Method
- ❑ In this method, the process is applied thus:
 - Sample selection method involves selecting the k^{th} element for the sample when the elements of the population is listed in certain order
 - In a population of N element, suppose a sample of size n is to be taken $K = N/n$
 - Random start is 'r' where $r \geq 1 \leq k$ or $1 \leq r \leq k$
 - Samples are $r, r + k, r + 2k, \dots, r + (n-1)k$



Survey Instruments

- ❑ Survey instruments to be used include
 - Household Questionnaires (for training)
 - Household Questionnaires (CAPI modified)
 - EA maps
 - Listing forms/HH Selection sheets



Training for Fieldwork

- ❑ Two (2) levels of training will be adopted
- ❑ 1st level training will be training of trainers (TOT) and it will be held in Abuja
 - Participants will comprise of 21 state trainers/monitors and resource persons
 - Coordinators
 - The training will last for three (3) days
- ❑ The 2nd level training will be held in the 6 selected state capitals
- ❑ The trainees will include
 - Team Mates (275)
 - Team Leaders (71)
 - State Officers (6)
 - Zonal controller (2)
- ❑ The training will include 1 day field practice
- ❑ It will last for 5 days



Fieldwork Arrangement for Data Collection

- ❑ In NE, every LGA will be studied in the 3 selected states except 3
- ❑ A team which will comprise of team leader and 4 team mates will canvass 1 LGA
- ❑ The number of team per state equals the number of accessible LGA in that state
- ❑ Given that each team will complete an average of an EA per day, the fieldwork is expected to be completed within 22 days including travel time between EAs
- ❑ For the NW states
 - A team will canvassed 1 senatorial district
 - The team will cover 20 EAs across a senatorial district
 - For covering an average of 1 EA per day, the fieldwork is expected to be completed in 20 days including travel time between EAs across the senatorial district



Monitoring of Fieldwork

- ❑ For data quality assurance and CAPI management, there will be a monitoring exercise in every state
- ❑ This will take place along with the commencement of fieldwork by each of the trainers and other stakeholders/collaborating agencies
- ❑ Monitoring officers to ensure synchronization of data for adequate download by analyst
- ❑ They would manage and resolve any issue with CAPI while in field
- ❑ Each team in every state must be monitored
 - For NE, The lead trainers will monitor throughout the period of the exercise while the co-trainers/monitors will monitor for 10 days
- ❑ NBS State Officers will also monitor the exercise in their states throughout the period of the exercise
- ❑ Monitors to complete monitoring instruments and submit same to D(FSM)
- ❑ In NW, while the trainers will monitor for 6 days, state officers will monitor throughout the period of the exercise



Coordination

- ❑ High level senior staff of NBS/collaborating agencies will coordinate the activities of the survey
- ❑ Activities to be coordinated include
 - Trainings
 - Fieldwork
 - Monitoring
 - Data processing/Analysis
 - Report writing
- ❑ Coordination will last throughout the period of the survey



Data Processing and Analysis

- Data processing and analysis will be carried out at NBS Headquarters and the WFP offices, Abuja
- Appropriate statistical packages will be used for the analysis



Work-Plan

S/n	Description	Period
1	Finalization of preparatory activities	
2	Abuja based training (TOT)	12 – 14/9/2017
3	Travel to states	20/9/2017
4	Field (State) based training in the 6 states	21 – 25/9/2017
5	Travel to study domain	26/9/2017
6	Field data collection in states (Fieldwork)	26/9 – 17/10/2017
7	Monitoring	26/9 – 5/10/2017
8	Data Processing/Analysis	17 – 28/10/2017
9	Draft Report preparation at Abuja	
10	Submission of Draft Report	

