



# Humanitarian Situation Update – May, 2023 Bulletin

## Cadre Harmonisé Task Force on Inaccessible Areas



### KEY TAKEAWAYS

- *The findings from the HSM showed concerning food consumption deficits and limited diversity of diets in the inaccessible areas surveyed. About 46 percent of the surveyed households struggled to have sufficient food intake and nearly 66.4 percent experienced a crisis or higher levels (CH Phase 3 and above) of food deprivation and hunger, further evidenced in the pervasive use of food-based coping strategies;*
- *37.1 percent of the households relied on crisis coping strategies to meet their food needs, which heightens economic vulnerability due to the negative impact on the future productivity of the most affected households;*
- *The levels of acute malnutrition among new arrivals from the inaccessible areas are serious (Phase 4 IPC Acute Malnutrition Classification) with the overall Global Acute Malnutrition (GAM) rates of 21.5 percent and Severe Acute Malnutrition (SAM) at 8.1 percent. The high levels of acute malnutrition indicate an extremely stressed population in relation to food insecurity, poor water, and sanitation access, and poor health conditions as the key underlying causes of acute malnutrition.*
- *Detailed analysis among new arrival population with good quality and adequate sample size showed extremely critical (Phase 5) in two of the areas analyzed and Critical (Phase 4) in three of the areas analysed. According to the HSM results, a sizeable proportion of the children (6-59 months) are suffering from stunting and underweight. This is characteristic of a chronically stressed situation of poor nutrition and persistent infection.*
- *Overall, both crude and under five mortality rates (CMR and U5MR) could be above emergency threshold of 1 deaths/10,000 population/day and 2 death/10,000 children <5yr/day, respectively; as they had always been over the periods of this Humanitarian Situation Monitoring. We are not able to conduct any analysis on mortality in this edition because the data we collected was not up-to-date as regards the recall period. It is therefore, important that we watch for the most nutritionally vulnerable LGAs as seen in previous editions of this HSM Bulletin.*
- *The elevated levels of consumption gaps, malnutrition, mortality, and unsustainable usage of emergency coping strategies, is largely driven by the limited availability of food stocks, restricted access to functional markets and poor water, health and sanitation services, which might heighten morbidity risk, and, impact more negatively on households' ability to engage in labour for food or resource gathering.*

To address information gaps facing humanitarian response in Northeast Nigeria and, inform humanitarian actors on the demographics of the population in inaccessible areas, identify their needs, access to services and movement intentions, there have been joint efforts by various stakeholders' to proffer solutions and fill the information gaps.

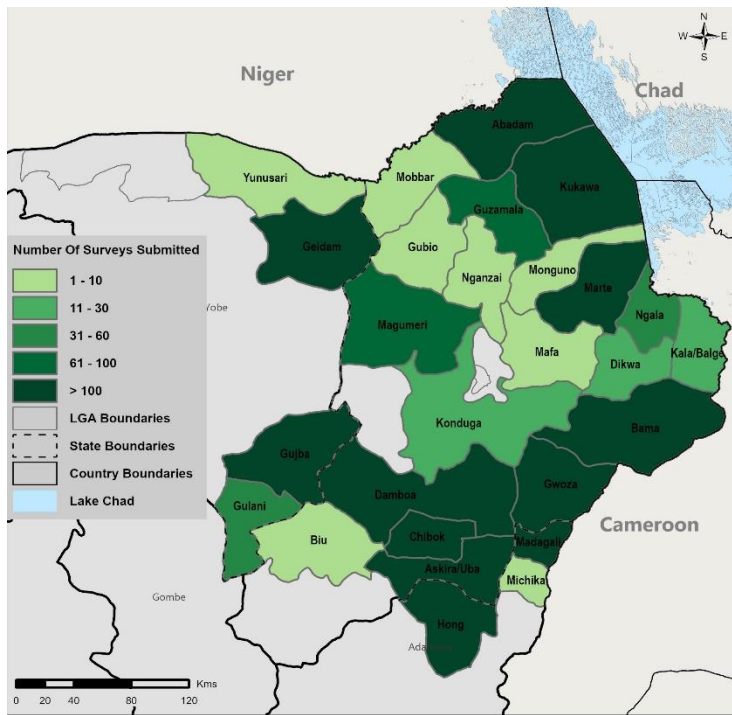
Several cycles of the Cadre Harmonisé (CH) analysis unveiled the problem situation of populations in some inaccessible areas. From the results of March 2023 CH analysis in which 3,207,298 and 4,250,397 persons for the (Mar – May) and (June – August 2023) periods, respectively, were classified in phase 3 – 5 of acute food and nutrition insecurity across the three states of Borno, Adamawa and Yobe, large proportion of this populations are located in both the totally and partially inaccessible areas of these BAY states. The final results from the Mar, 2023 CH round further reveal presence of 300,807 people in CH Emergency (phase 4) in Mar to May, 2023, with high risk of further deterioration to almost 522,366 in Emergency at the peak of the lean season next year (June to August, 2023).

Majority of the people in Emergency and those projected to experience Catastrophe-like conditions are from the inaccessible areas. Moreover, the findings suggest a famine-like food consumption pattern among minority of the inaccessible population ( $\leq 10$  percent), which was reflective in severe food consumption deficits, extremely limited diversity of diets and pervasive use of food-based ration control with wild food foraging remaining a major food source in these areas. However, higher-level indicators (acute malnutrition and mortality) were insufficient to confirm famine conditions in these areas. Therefore, it is necessary to sustain close monitoring of the food and nutrition security situation of the vulnerable population in these areas for emergency preparedness against possible further deterioration into famine, especially during the lean season (June-August, 2023). Thus, the Task Force on Inaccessible Areas, working in liaison with the various partners, developed a real time monitoring system, including monthly data collection, for tracking the evolution of emergency needs during CH projection periods.

The result is an evidence-based approach improving the capacity for analysis of emergency needs through identifying areas requiring scale up of data collection prior to CH analyses workshops and using real time analysis for flagging areas with increased risk of severe outcomes during the CH projected period. Therefore, the Humanitarian Situation Monitoring System attempts to provide data needed to support analysis for the risk of catastrophic or famine-like conditions in hard-to-reach locations, either increasing the amount of data provided to the CH analysis process or improving the frequency of reliable data to support real time analysis of proxy outcomes of food and nutrition security when unexpected events develop outside the CH analysis cycle.

### INTRODUCTION

The insurgency in the North East States of Borno, Adamawa and Yobe continues to render some areas totally or partially inaccessible to humanitarian response agencies/partners. The protracted nature of this conflict has made the humanitarian crisis in the North East much more complicated, and, rendering parts of Borno, Adamawa and Yobe State inaccessible.



Map 1: Inaccessible Areas Covered from June to November, 2022

## RESULTS

### Outcomes – Food Security

#### Food Consumption (FCS, rCSI and HHS)

The food consumption for the HSM is measured in three dimensions in line with the provision of the CH version 2.0 – food consumption score (FCS), reduced coping strategy index (rCSI), and Household Hunger Scale (HHS).

Following the harvest of crops from the past growing season, some households in hard-to-reach areas would likely have some stocks of staple food items while others continue to face food consumption gaps and less diverse diets, owing to several factors including poor access to markets, limited access to own produced stocks due to constrained access to agricultural inputs, coupled with the fragile security environment. The findings from the HSM shows concerning food consumption gaps and limited diversity of diets in several of the inaccessible areas surveyed. Overall, 46% percent of households faced inadequate food intake (poor and borderline food consumption score) during the last 30 days spent in their inaccessible places of origin of which 14% percent of such households were reportedly affected by poor food consumption while 32% percent were affected by borderline food consumption. This implies that the FCS is at the stressed level (CH Phase 2) with most households having minimally adequate food consumption but cannot afford some basic non-food expenditures without engaging in irreversible coping strategies. The food security situation remains generally unchanged as compared to March 2023 when the FCS was classified as Critical. While the global findings on the proportion of households with inadequate food consumption are lower than some of the areas at indicative levels, Michika, Biu, Gwoza, Konduga, Mafa, Monguno, and Gulani LGAs, which have a relatively higher level of confidence interval given their sample size, showed quite concerning findings as 85.7, 100, 62.5, 93.7, 100, 100, 88.9, 97.1 percent respectively of most surveyed households had inadequate diets (poor + borderline food consumption) in their places of origin.

Regarding the diversity of diets, overall, households consumed cereals for 6

out of 7 days and vegetables for 5 out of 7 days on average, fat for 3 out of 7 days. All other food groups (pulses, proteins, sugar, and fruits) were consumed for two days or less in every typical seven-day period with milk and dairy being the least consumed food item. In Hong, Madagali, Michika, Abadam, Biu, Gubio, Guzamala, Gwoza, Konduga, Magumeri, Marte, Mobbar, Monguno, Ngalai, Gaidam, Gujba, and Gulani. where most households had inadequate food consumption, on average households consumed cereals for 6 to 7 days on average. The concentration on the consumption of one major food item in these inaccessible areas is indicative of significant macro and micronutrient deficiency, which has implications for the health, well-being, and economic productivity of the people trapped in these areas.

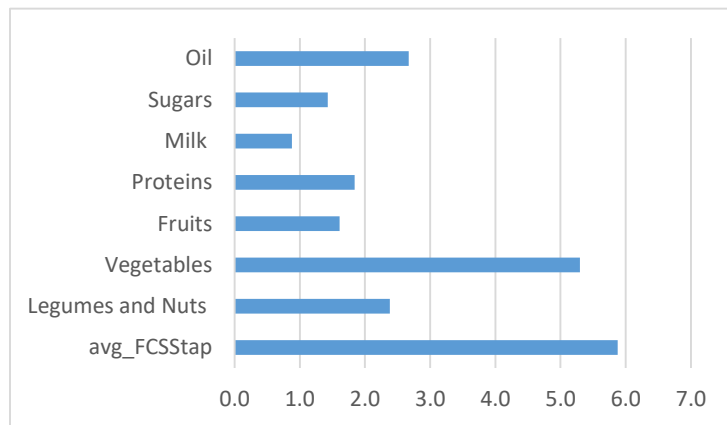


Chart 1: Average Number of Consumption Days for Groups

#### Reduced Coping Strategy Index (rCSI)

The reduced coping strategy index which is an indicator of household food access calculates the frequency and severity of five standard food consumption behaviors into a score to determine the magnitude of food access challenges. A high score in the reduced coping strategy index reflects severe use of food-based coping strategies and the prevalence of considerable food access challenges in the household. Some 37.1 percent of households reported reduced coping strategy index (rCSI) scores equal or greater than 6.3, which is the most severe categorization according to the CH guidelines (CH Phase 3). In general, households in Biu, Mobbar, Magumeri, Ngalai, Nnganzai, Gaidam, Gujba, Gulani LGAs contributed significantly to the global average as 71.4, 100, 69.5, 81.6, 100, 86.6, 69.2 and 65.2 percent of households respectively were in CH Phase 3, with an rCSI score equal or greater than 19, considering the relative a relatively higher level of confidence interval given their sample size. In this given context of the rCSI, households in inaccessible areas adopted multiple alimentary based coping strategies such as reliance on less preferred or less expensive food, reduction in the number of meals or portion size for an average of three days out of a typical seven-day period.

The frequency of adoption of these strategies was relatively higher in Mobbar, Nnganzai, and Gaidam where households utilized all the five standard food consumption behaviors for at least 3 of seven days which suggests widespread vulnerability in these locations. The pervasive use of food-based coping strategies such as reduction in the number of meals and portion size has implication on nutrition, if protracted and unabated.

#### Household Hunger Scale (HHS):

Findings from the HHS, which is a perception-based measure of food deprivation and experience of hunger in the surveyed households showed that most households (66.4 percent) experienced crisis or higher levels (CH Phase 3 and above) of food deprivation and hunger according to the CH analysis guidelines. Specifically, 5.0 and 2.3 percent of households were affected by emergency and catastrophe/famine levels of HHS respectively

while 59.1 percent report crisis level of HHS. Based on the metrics presented, HHS for inaccessible areas of BAY States was classified as CH Phase 3 (crisis). This suggests worrisome HHS trends and significant food deprivation as well as incidence of hunger especially in most LGAs which are in Crisis CH phase classification

### Evolution of Livelihoods

Livelihood-based coping strategies depicts the status of households' livelihood stress and the consequential longer-term impact on future coping capability and productivity. Livelihood coping strategies are classified into the following three severity categories 'stress', 'crisis' and 'emergency', with emergency being the most severe category and is classified as CH Phase 4 (Emergency) based on the CH guidelines. Overall, the livelihood coping indicator was classified in CH Phase 4 with 56.2 percent of the interviewed households using emergency livelihood-based coping strategies while 9.3 percent used crisis coping strategies to meet their food needs during the last 30 days spent in their inaccessible areas of origin. In terms of individual strategies specifically for emergency, 48.0 percent sent family members to beg, whereas in the crisis category, 52.6 percent of households spent their savings and 18.1 percent withdrew their children from school. While reliance on these severe livelihood coping strategies (crisis and/or emergency) might alleviate the brunt of food insecurity in the short-term, their pervasive usage is particularly worrisome on the longer-term given their negative impact on future productivity of the affected households.

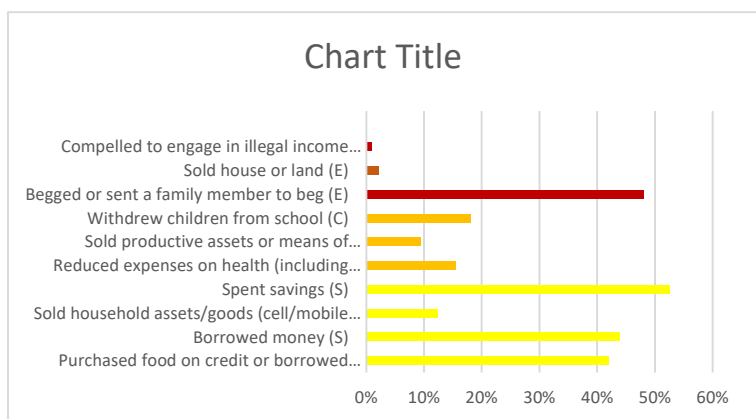


Chart 2: Livelihood Coping Strategies

### Outcomes – Nutrition

#### Malnutrition

**Global Acute Malnutrition (GAM)** Acute malnutrition is determined by taking the weight, height and MUAC measurements for children aged 6-59 months. Acute malnutrition is most responsive to changes in diet and disease and the most dangerous form of malnutrition in terms of mortality risk.

The overall prevalence of global acute malnutrition (GAM) and severe acute malnutrition (SAM) in the inaccessible areas across BAY states is 21.5 percent and 8.1 percent respectively. This indicates an increase of 1.6%-point and decrease 0.1%-point for GAM and SAM compared to April 2023 prevalence, in which prevalence were GAM (20.9%) and SAM (8.2%) respectively. GAM prevalence was higher among boys (19.1%) compared to girls (16.0%).

According to the HSM findings, the overall levels of acute malnutrition among new arrivals from inaccessible areas for the month of May 2023 is critical (IPC Acute Malnutrition Phase 4), which is similar compared to the previous reporting period. This is likely attributed to high stress levels among displaced households to meet food needs, high retail prices for staple foods, high food consumption gaps and morbidity, and the lack of access to improved sanitation facilities. This trend of high acute malnutrition levels is expected to continue

through the lean season (high malnutrition) up to the harvest season as the results don't indicate any seasonal variability.

Further analysis among new arrivals from LGAs with adequate representativeness for the analysis (data from ≥3 clusters) shows no LGA with extremely critical GAM rates (IPC AMN Phase 5), however, Bama, Ngala, and Kala Balge are classified as critical (IPC AMN Phase 4).

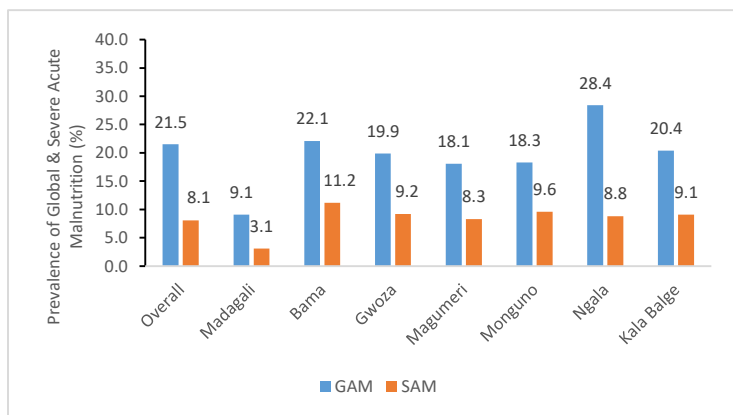


Chart 3: Global Acute Malnutrition (GAM%) Rates per Location

The prevalence of acute malnutrition was generally higher among young children (6-23months) compared to older age groups (24-59months) (Chart 4). Younger children are the most vulnerable and therefore bear the brunt of displacements, poor feeding practices, and morbidity.

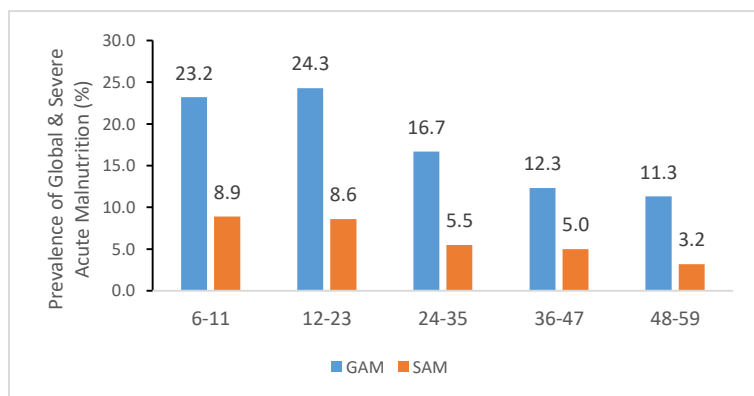


Chart 4: Prevalence of Acute Malnutrition by Age

#### Chronic Malnutrition

Chronic malnutrition (stunting) is determined by comparing the height and age of the children measured. Stunting is a measure of chronic malnutrition that occurs because of inadequate nutrition over a longer period. Underweight refers to the proportion of children with low weight-for-age.

**Stunting and Underweight:** HSM data reveals that 42.8 percent of the children aged 6-59 months among new arrivals in BAY states were stunted while 35.0 percent were underweight. This shows a marginal decrease of about 2.8%-point for both Stunting and Underweight when compared to the previous result in April 2023 where stunting was 45.6% and underweight was 37.8%. The consistently high prevalence of stunting and underweight are an indication of a protracted crisis and other synergistic drivers exacerbating hunger, disease, and malnutrition.

**Mortality**

We did not have updated data to enable the analysis of and obtainment of results on mortality. (Not ethical to publish the mortality results because the recall period is outdated).

**Note:**

*Data on malnutrition and mortality must be interpreted with caution, due to the overall small sample size (low arrival numbers) and data quality challenges. Only data that met the quality threshold (LGA sample size, standard deviation and confidence interval of collected data) was included in the analysis.*

**CONTRIBUTING FACTORS**

**Hazards and Vulnerabilities**

Northeastern Nigeria is experiencing a protracted food and nutrition insecurity crisis, primarily driven by well over thirteen years of armed insurgency, led by *Boko Haram* and other non-state armed groups. The insurgency has caused widespread displacement, collapsing basic livelihoods, significantly reducing purchasing power and coping capacity of rural households, made markets dysfunctional and consequently increasing people’s vulnerability to food and nutrition insecurity and unending hardship. It has led to endless severe vulnerabilities that continue to negatively affect household’s capacity to access food, agricultural inputs, finance, farming land, extension services, markets and alternative agricultural livelihood options. Due to the conflict, Nigeria is now among the top 10 largest food crises in the World<sup>1</sup> and the largest food crisis in West Africa – south of the Sahara, despite its remarkable potential for food production and income generation.

Despite relative reduction of attacks on civilians, a significant number of highly vulnerable populations remain trapped in inaccessible locations, facing disproportionate levels of hardship and are in urgent need for assistance. Inaccessibility limits provision of the much-needed basic social and humanitarian services to those in urgent need. Due to insecurity, market functionality and access are compromised, and people’s movements are restricted, all of which continuously affect food availability and access. Apart from insecurity, other major shocks affecting households in hard to reach areas include high food prices, lack of employment and reduced incomes, rampant sickness of household members, and restricted access to markets. Due to insecurity and socioeconomic hardship in inaccessible localities, dozens of households continue to flee their homes to seek safety and support to rebuild their livelihoods, and better services in internally displaced camps and host communities.

In April, approximately 36 percent of interviewed households reported to have witnessed some previously internally displaced persons (IDPs) returning to their communities of origin.

For those fleeing inaccessible localities, the most significant shocks in the areas of origin reported were conflict reported by 76 percent of respondents, down from 78 % in April – portraying a slight reduction in violence-driven insecurity. This is followed by high food prices at 51 percent which is 1 percentage less than last month, loss of employment at 46 percent – up from 45 percent in April, sickness of household members (44 percent, up from 42 percent in April), temporary relocation/displacement of the household member reported by 32 percent, and restricted access to markets at 15 percent (chart 6). The most reported severe needs among the fleeing households were food (47 percent) and Protection (28 percent) and Water (7 percent).

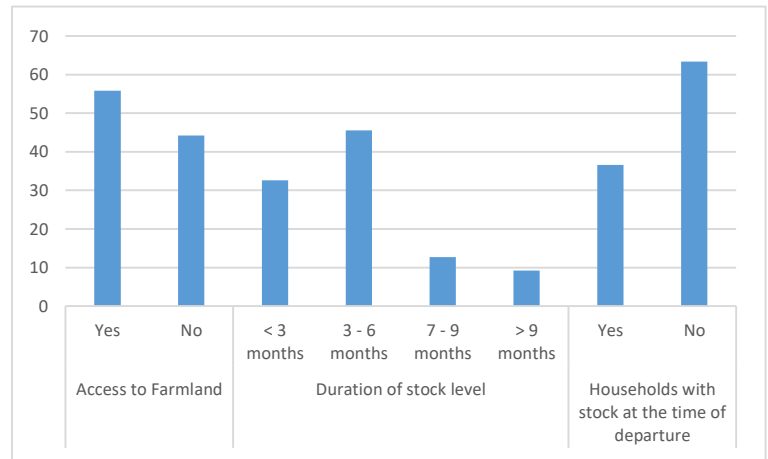
Limited access to agricultural land is another major contributing factor to the prevailing food and nutrition insecurity in the inaccessible localities as pointed out by newly arrived IDPs. While most (56 percent) of interviewed households reported having access to land for cultivation, only 33 percent confirmed to have actually cultivated during the dry season. For those who had access to land, majority (69 percent) were able to access just 1 hectare or less. About 17

percent reported to have access to between 1 and 2 hectares of farmland; while only 4 percent reported to have access to more than 2 hectares.

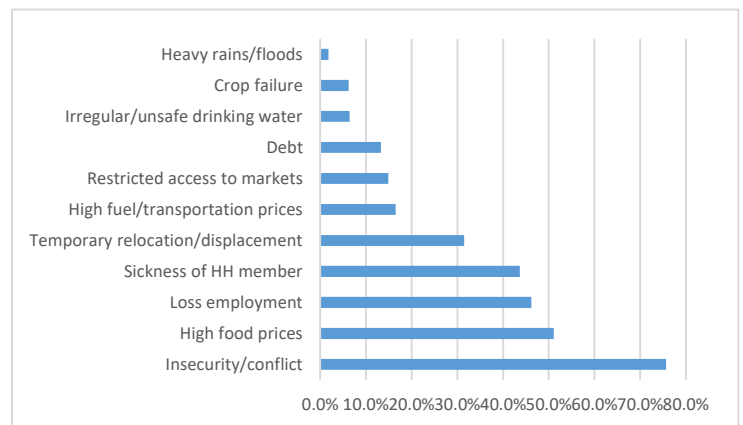
**Note:**

In the Northeast, notably in Borno state, the government continues the process of closing IDP camps and resettling IDPs. According to IOM, hundreds of thousands of IDPs have been relocated to various locations across Borno state from the closure of seven IDP camps, Bakassi, NYSC, MOGCOLIS, Teachers Village, Stadium Camp, Filin Ball Camp, and Farm Center. The resettled IDPs mainly reside among the host community in Jere, MMC, Gwoza, Monguno, and Kukawa LGAs. While other previously displaced IDPs relocated to various LGA headquarters to IDP camps as they were unable to resettle in their homesteads due to their unpredictable safety. Those who stay within camps are still accessing assistance, while those living among the host community are not receiving aid. Returnees living among the host community only received a resettlement package to help rebuild their livelihoods.

Many of these returnees are residing where humanitarians can’t reach, which renders them more vulnerable to, hunger, starvation and acute malnutrition. These populations are left vulnerable to repeated attacks by Non State actors and armed opposition groups. The result is the vulnerability of returnees continues to worsen than those still in the IDPs camps.



**Chart 5: Stock Availability and Farming (Percentage of Households)**



**Chart 6: Most Significant Shocks before Arrival**

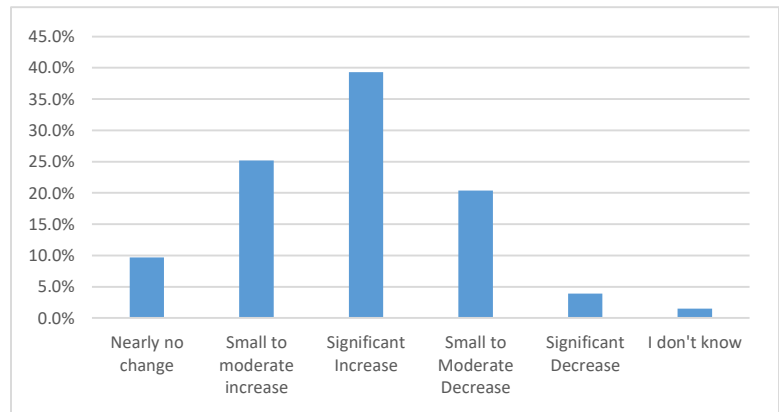
## Food Availability

Among the assessed households, about 63.4 percent in most of the inaccessible LGAs reported not having a stock of foods from last season's harvest. It was pronounced in places such as Dikwa (96 percent), Magumeri (95.5 percent), Marte (90 percent), and Ngala (89.7 percent). Others who reported not having stock include Gubio, Gwoza, Kala Balge, Mafa, Mobbar, Monguno, Nganzai, and Geidam (100 percent) has the highest proportion of households that fell within this category. For about a third of all surveyed households that had food stock left, about (36.6 percent) indicated that it would have lasted for less than 3 months, thus suggesting a severe food deficit in inaccessible areas, despite the dry season harvest. Overall, land access was relatively high with about 55.8 percent of households reporting such access. However, of the (55.8 percent) of households with land access across most of the areas, the amount of land cultivated remains minimal with most households reporting only about 1 hectare or less cultivated. 68.7 percent of households reported access to about 0.5 to 1 hectare of land being available for cultivation while 23.6 percent of households only had access to less than 0.5 hectares of farmland and 17.4 percent have access to 1 to 2 hectares of land. While only 3.9 percent of households have access to more than 2 hectares of land in these previously agrarian-dominated areas. Despite these challenges highlighted, farming continues to remain the mainstay for food availability in households with arable land access as about 55.8 percent of such households were engaged in farming during the month that preceded their departure from places of origin.

## Food Access

Markets were either completely non-functional or functioning at sub-optimal levels in some of the inaccessible areas as confirmed by 90.4 percent of the surveyed newly arrived households. Areas with a high preponderance of households reporting non-functionality of the market are Askira Uba (100 percent), Chibok (100 percent), Gubio (100 percent), Mafa (100 percent), Magumeri (100 percent), Marte (100 percent), Monguno (100 percent), Nganzai (100 percent), and Geidam (100 percent) reported a complete lack of functioning markets or sub-optimal functional markets in their places of origin, others include Gwoza (99 percent), Dikwa (96 percent), Bama (94.3 percent), and Madagali (92.9 percent). Although, 81.1 percent of the households from inaccessible areas said they had access to the market in the last three months. However, insecurity (4.2 percent), and lack of money (2 percent), remained the main impediment to market access. Households from inaccessible areas acknowledged a significant increase (39.3 percent) and a small to moderate increase (25.2 percent), a significant decrease (3.9 percent), and a small to moderate decrease (20.4 percent) in the prices of food commodities, which would potentially further weaken the already frail purchasing power of the inaccessible populace and consequently, deepen food insecurity vulnerability. This is particularly pertinent to note as market purchases were reported as the main source for staples in (18.3 percent) of interviewed households and this is high among Bama LGA reported 88.7 percent dependence on the market, Others include Damboa (69 percent), and Michika (57.1 percent). Other notable sources for cereals recorded were own harvest (21.3 percent) which Chibok LGA reported 100 percent, and labour exchange for food (21.1 percent). Moreover, wild food gathering (26.8 percent), and begging (5.9 percent) account for cereal sources in almost one in every five households in inaccessible areas, which is quite worrisome given their characteristics as extreme coping measures. The prevalence of gathering was most pronounced in Nganzai (100 percent), Konduga (66.7 percent), and Gwoza (64 percent). While begging for food is most pronounced in Dikwa (40 percent), and Kala Balge (40 percent).

Chart 7: Changes in price

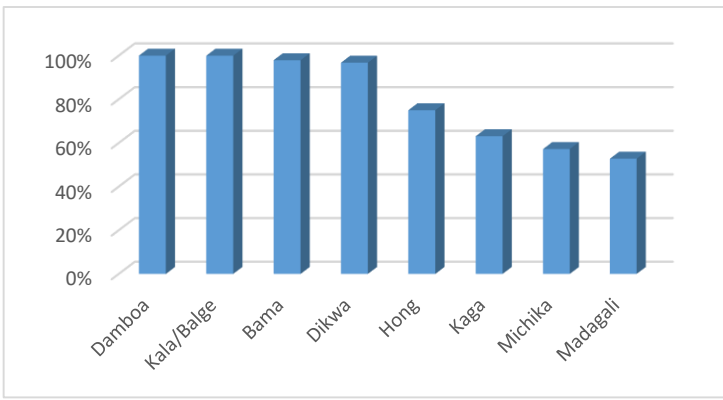


## Health and WASH

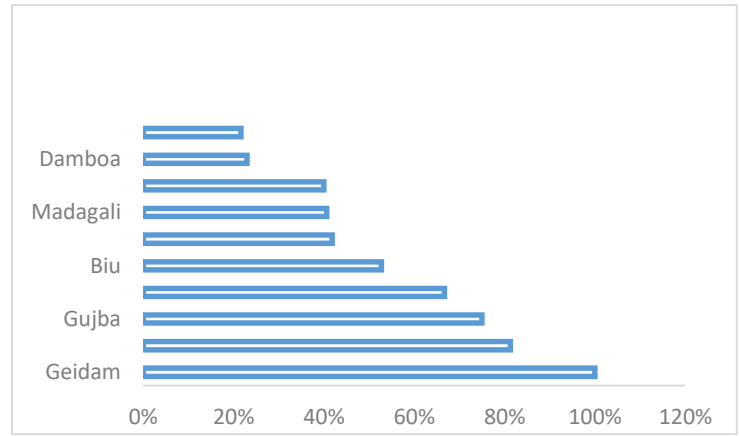
### Water Source and time taken to collect water

Unprotected well/spring is the most reported source of water with 43% of respondents, especially in Damboa (100%), Kalabalge (100%), Bama (97%) and Dikwa LGA (97%) using unprotected wells/springs as their main source of water as shown in Chart 8. Protected Well/Spring is the second most reported source of water with 34% of the respondents. The majority of respondents using Protected Well/Spring are in Gujba (100%), Nganzai (100%), Mafa (100%), Konduga (100%), Chibok (83%) and Gulani LGA (82%). The third main source of water is the borehole/hand pump with 18%, reported mainly by respondents in Mobbar (100%), Askira Uba (55%) and Gubio LGA (50%). Piped Water to House/neighbor's house is 3% distributed to 7 LGAs only Monguno and Magumeri been the highest with 56% and 13% respectively. Lastly surface water with 2% only mostly in Gubio (19%), Michika (14%) and Biu LGA (13%). In conclusion, only 55% using protected sources while 45% are using unprotected sources which shows a little increase in using protected sources and an decrease in using unprotected sources compare to April 2023 data. Chibok, Konduga, Askira/Uba, Mafa, Mobbar, Nganzai, Gulani and Gujba LGA are 100% using protected water sources. While Damboa (100%), Kalabalge (100%) and Dikwa (97%) are LGAs with the highest access to unprotected water sources. Protected water sources are water sources covered or protected by other materials that prevent the entry of physical, chemical and biological contaminants while unprotected sources are those with no barrier or other structure to protect the water from contamination.

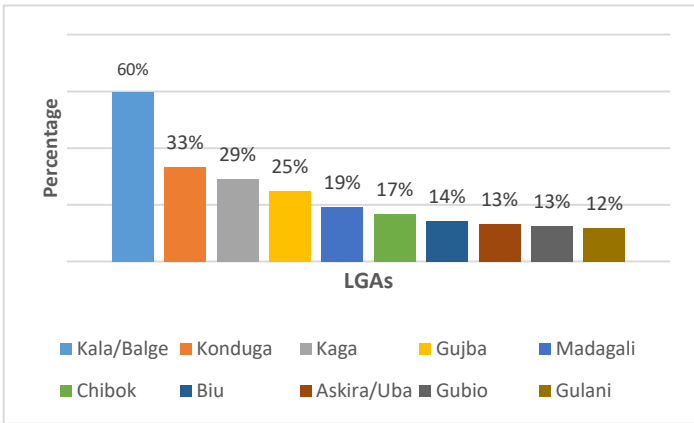
Chart 9 shows that majority of respondents (51%) spend 30 to 60 minutes to collect water with the majority in Nganzai (100%), Mafa (100%) and Monguno LGA (89%). Respondents spent 1 – 3 hours when collecting water are 23% with Mobbar (100%), Geidam (64%) and Hong LGA (50%), then those who spent half day (4+ hours) 14% with Damboa, Gujba and Gubio LGA (50%) each been the highest. Only 13% collect water in less than 30 minutes mostly in Kalabalge (60%), Konduga (33%) and Kaga LGA (29%). In Askira Uba (2%) and Biu LGA (1%), the respondents spent a whole day when collecting water. In May 2023 there is no respondents collecting water within the vicinity compare to last month with 11% and a decrease in time taken within 30 minutes



**Chart 8: Highest use of unprotected water sources by LGAs**



**Chart 10: Households having no toilet facility/Bush/Open field**



**Chart 9: Respondents spending more than 30 mins to Collect Water**

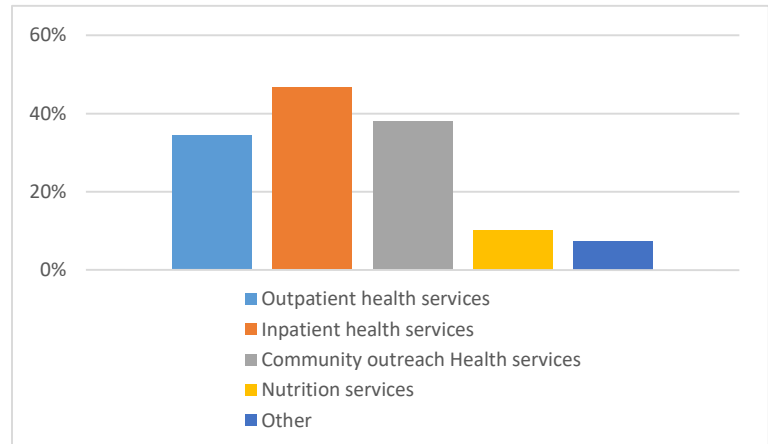
### Toilet facility

The majority of respondents, 72% has access to ordinary pit latrine (with or without slab). In Nganzai, Mobbar, Mafa and Michika LGA is a 100% ordinary pit latrine used as a toilet facility. Then do not have facility/Bush/open field 22% with the highest in Geidam (100%), Gubio (81%) and Gujba LGA (75%). Dig a hole and bury 5% with Chibok (100%) Gulani (65%) and Kalabalge LGA (20%). Lastly bucket or hanging toilets 1% mostly in Dikwa (14%) and Hong LGA (4%). The flush toilet is only in Magumeri (2%) and Dikwa LGA (1%) while the VIP latrine is only in Magumeri (2%), Marte (1%), Biu (1%) and Gwoza LGA (1%). The latrine use data almost remain the same when compare with April 2023 data.

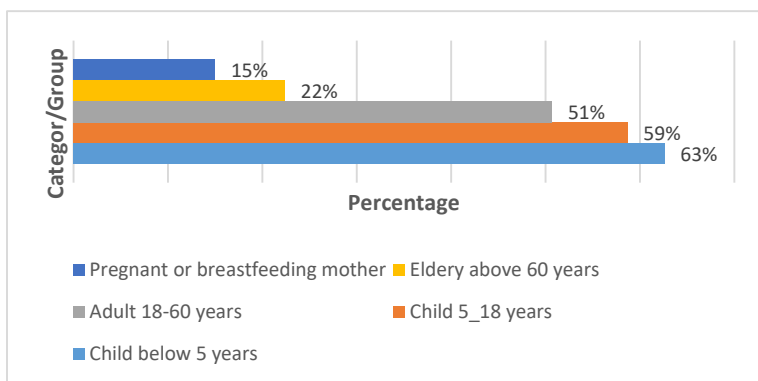
### Health and Access to health facility

The large majority of respondents (94%) said they do not have access to a health facility compared to 86% in last month. This problem seems to be most serious in Gubio, Kalabalge, Konduga, Monguno, Nganzai, Gwoza, Mafa, Marte and Damboa LGA which reported 100% each while in Mobbar LGA there is 100% access. Where health facilities fully functional and free is 7% and this is mostly in Magumeri (67%), Askira Uba (43%) and Madagali LGA (7%). This shows an increase compared to last month's data (3%). 10% respond yes fully functional but paid service mostly in Michika (25%), Ngala (25%) and Madagali LGA (16%). The majority of respondents, 51% responded Yes - partially/sometimes functional (free or paid) with the highest in Chibok, Dikwa and Mobbar LGA all 100% each. The No - there is a clinic building but no staff or supplies to operate is 33% less than April data, which is 44%. This is 100% in Bama, Kukawa, Geidam and Gulani LGA. To reach the health facility, 15% of respondents travel less than 30 minutes across 4 LGAs only in Geidam (100%), Kaga (16%), Gulani (24%) and Madagali LGA (21%) compare to last month's data 19%. Then 51% fall between 30 minutes and one hour with 100% in Gujba, Mobbar, Chibok, Biu and Michika LGA. 30% of the respondents spent 1 - 3 hours especially in Kukawa (100%), Magumeri (67%) and Askira Uba LGA (57) whereas the remaining traveled between half day/4+ hour (3%) and all day/7+ hour (1%) as could be seen from Chart 11.

From Chart 12, majority of the respondents (72%) have or had someone in the household suffer from illness in the last month 100% across Mobbar and Gujba LGA while 28% did not with 100% in Nganzai, Mafa and Konduga LGA. Fever (82%) and cough/flu (58%) are the most reported illnesses by respondents while bloody diarrhea (3%) and others (1%) are the least reported.



**Chart 11: Health services offered by health facilities**

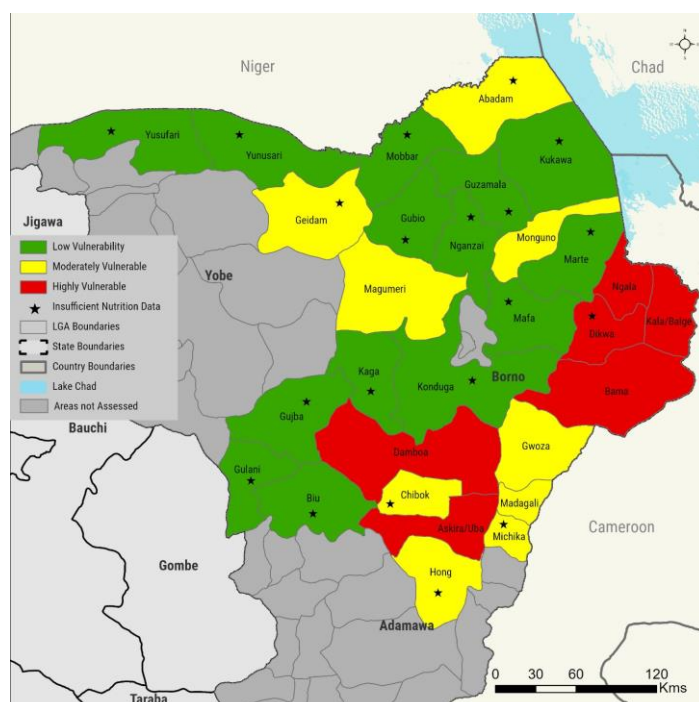


**Chart 12: Categories of people who suffered illness last month**

### Key Risk Factors to Monitor

Potential famine risk areas – Madagali, Askira-Uba, Bama, Chibok, Dikwa, Mobbar and Damboa – should be monitored closely on a continuous basis considering elevated levels of food consumption gaps, malnutrition and extensive/unsustainable usage of emergency coping strategies, largely underscored by limited availability of food stocks, restricted access to functional markets and health services;

- Rising health risk within a highly food insecure, vulnerable, and inaccessible population;
- High morbidity rates and illnesses affecting all age strata including the productive household members. The impact of morbidity on the household expenditure, food consumption and productivity require in-depth exploration and close monitoring;
- Majority of the households have no access to or have difficulty accessing health facility. Hence, the need to devise alternative options for managing illnesses within the communities (i.e. ‘coping strategies’ for limited formal health services);
- The poor access to clean water and dignified sanitation, coupled with low hygiene awareness may likely result in increased AWD diseases, impacting under 5 children, thereby aggravating malnutrition and other negative outcomes of food and nutrition insecurity; and
- The combined effect of the factors highlighted above, would raise the morbidity level and, likely impact households' ability to engage in labor-for-food or resource gathering— thereby deepening the vulnerability of the already fragile households.



**Map 2: Vulnerability risk level Dec., 2022 to May, 2023**

### Limitations of the HSM

- Progressive reduction in sample size arising from limited number of new arrivals from the inaccessible localities;
- Data quality issues, especially relating to nutrition and mortality;
- Some inaccessible /Hard-to-reach localities are yet to be covered due to lack of partners' operations in such areas.

### Note:

Vulnerability risk level defined based on convergence of: a) severity of food security and nutrition outcomes plus contributing factors; and b) sample size. Mortality was not considered in the convergence due to LGA level low sample sizes and quality issues. For areas adjudged "Moderate Risk", sample size was relatively small in most of them, and so, the reason for the classification. This, however, does not completely eschew the possibility of higher levels of famine risk in such areas. Thus, these results should be interpreted and utilized with some caution.

*For further inquiries, please contact*

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**About the Humanitarian Situation Update for (HSU) for Inaccessible Areas**

The Humanitarian Situation Monitoring (HSM) system is an approach put in place by the Food Security Sector and Nutrition Sector (both having their operational bases in the North East) under the leadership of the Nigerian Government, for tracking the trend of acute food and nutrition security situation in such areas that had been analyzed to be in the emergency (phase 4) so as to be able to develop and issue alerts in case famine emerges. The HSM uses a methodology that combines both food and nutrition security monitoring strategies to assess the situation and then raise necessary alert, as the case may be. The HSM is basically conceptualized to support the Cadre Harmonisé analysis of the inaccessible areas in the BAY States.

The general objective of the HSM is to provide comprehensive information about the food security and nutritional situation of the population in inaccessible areas of Northeast BAY States. The HSM also informs the Cadre Harmonisé analyses and classification in different phases of food security and malnutrition of the inaccessible areas. The specific objectives of the HSM entails data collection through monthly monitoring in support of better classification of inaccessible areas between rounds of CH analysis with focus on:

- understanding the risk of a population to face severe, acute catastrophic or famine- like conditions;
- understanding the degree of livelihood change, including capacity to engage in traditional and emergency livelihoods, etc.;
- understanding food consumption outcomes through the use of proxy information on Household Hunger Scale (HHS) and Food Consumption Score (FCS);
- understanding availability of health and nutrition services, including household and individual access to services by collecting information on functionality of nutrition/health services;
- understanding how households cope (including the severity of coping measures) during periods of hunger, thirst, morbidity or malnutrition in such areas of interest;
- understanding the malnutrition situation in such areas of interest through the collection of information on GAM prevalence (for children 6-59 months) in reception centres and other new arrival terminals; and
- understanding changes in crude and U5 mortality rates and indicative causes in such areas of interest.

Primary data was jointly collected by partners in many accessible towns of Borno, Adamawa and Yobe States where there are new arrivals coming from the inaccessible areas with the support of the DTM from SEMA and IOM. Well-structured questionnaire was employed by trained enumerators in collecting the information in the form of key informant interview and focused group discussions (FGD). The data collection focused more on six elements- causal factors of emergency needs, food consumption outcomes, livelihood change and coping strategies, access to life-saving services and assistance, detection of malnutrition through nutrition screenings (WHZ and MUAC), and mortality indicators as recommended by the CH analysis framework.

Consideration was also given to journey duration and patterns for the new arrivals interviewed. A combination of purposive and convenient sampling techniques was employed in selecting the recent new arrivals (within the last 30 days) who were the primary target. Total number of respondents covered for this reporting period of July was 1,979 households (from 29 LGAs) who were interviewed at the reception points. The period of data collection for this edition of the bulletin lasted from 1st December 2022 to 31st May, 2023.

