



## Borno state ministry of health



### Cholera outbreak situation report No.3 13<sup>th</sup> September 2021

#### Highlights:

Summary of current Epi week 36 (6<sup>th</sup> - 12<sup>th</sup> September 2021)

Suspected Cases	Deaths (Suspected)	Case Fatality Ratio (%)	Total LGAs
175	4	2.3 %	7

Cumulative Epidemiological Summary week 1-35, 2021.

Suspected Cases	Deaths (Suspected)	Case Fatality Ratio (%)	LGAs Reporting
1,168	71	6.0%	11

The total number of suspected cholera cases reported as at 12<sup>th</sup> September 2021 stands at 1,167 with 71 associated deaths, (CFR – 6.0%). 780 cases from Gwoza, 74 from Damboa, 189 from Hawul, 7 from Magumeri, 33 from Kaga, 12 from MMC, 35 from Jere and 7 from Askira Uba LGAs.

Out of the 38 samples collected and tested in the state using rapid diagnostic test for cholera, 24 (63.1%) were positive, while 15 (62.5%) of which were culture positive.

Table 1: Number of suspected cholera cases and deaths in Borno state as at 12th September 2021.

	Gwoza	Damboa	Hawul	Magumeri	Kaga	MMC	Biu	Jere	Askira Uba	Kwaya Kusar	Shani	Total
<b>Cases</b>												
New suspected cholera	130	16	16	0	9	0	2	0	1	1	0	175
Cumulative suspected cases	780	74	189	7	33	12	19	35	7	11	1	1168
<b>Deaths</b>												
New death	2	0	0	0	0	0	0	0	2	0	0	4
Cumulative deaths	30	12	14	1	2	3	0	6	3	0	0	71
<b>Laboratory</b>												
Number of specimen tested	6	10	6	1	3	7	2	1	2	0	1	38
Specimen positive RDT	2	7	3	1	3	3	2	1	2	0	0	24
Specimen positive culture	2	0	3	1	2	3	2	0	2	0	0	15

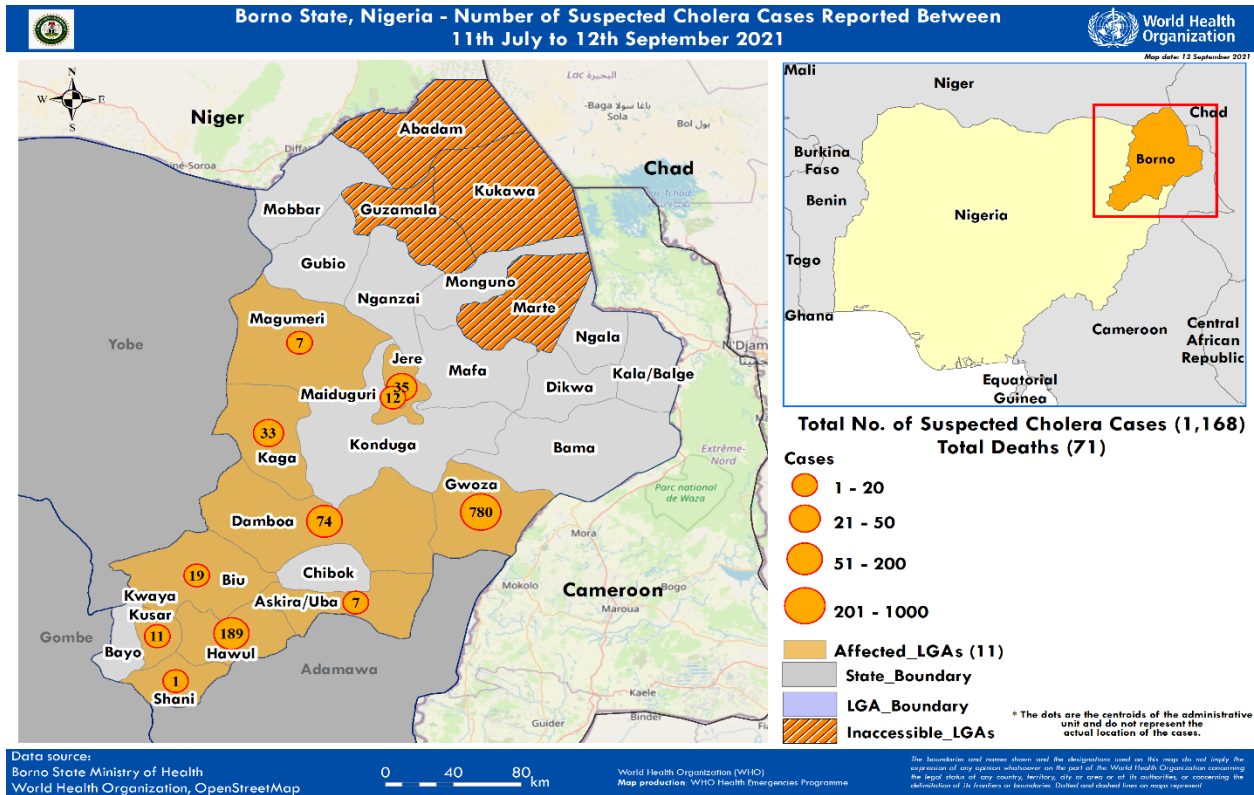


Figure 1: Map of Borno state showing affected LGAs in Borno State.

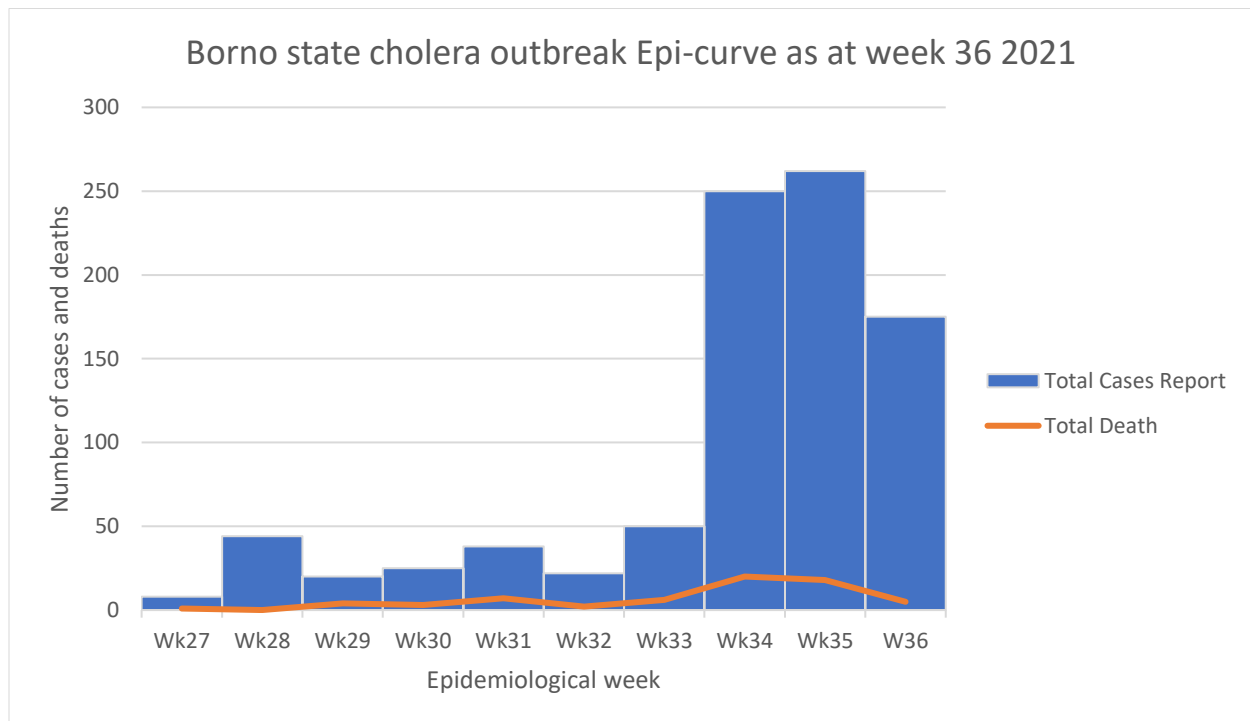


Figure 2: Weekly Epi-curve of cholera cases showing number of suspected cases in Borno state

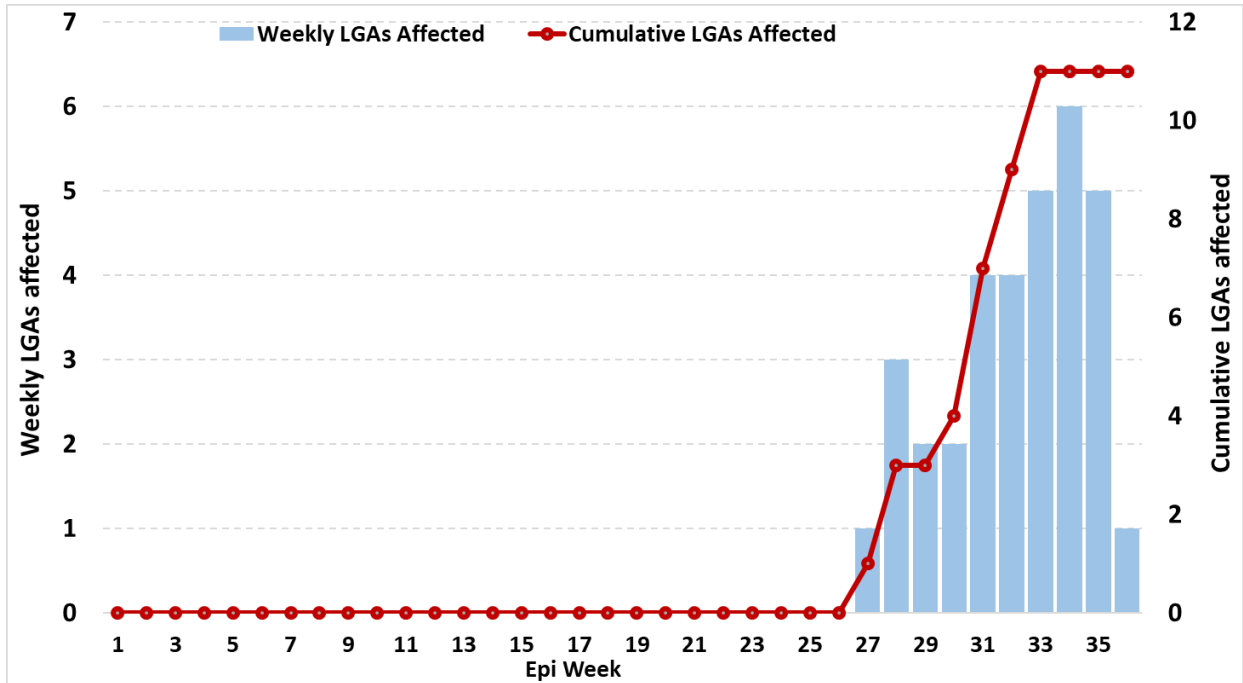


Figure 3: Trends in weekly & cumulative number of reporting Cholera cases, week 1 to week 35, 2021

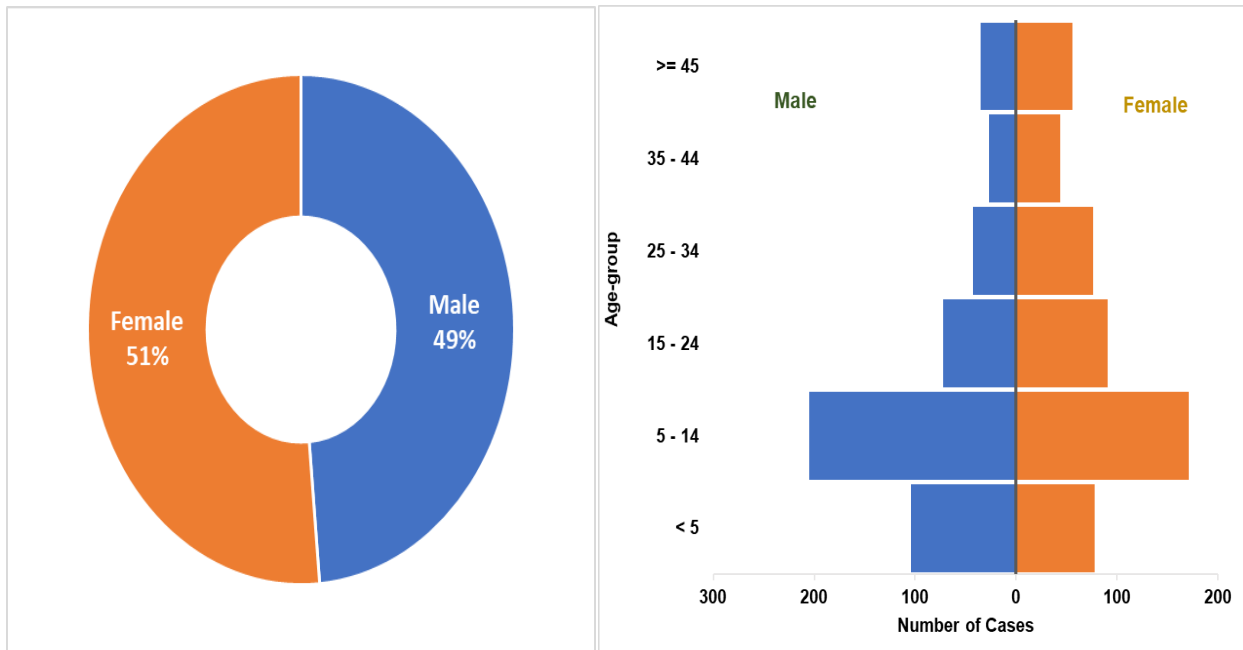


Figure 2: Age and Sex disaggregation for cumulative cholera cases in Borno state week 1-35, 2021

## **Response**

### **Coordination**

- Public Health EOC continues coordination meetings of the cholera outbreak at state level to ensure a robust and effective coordination of the response activities.

### **Surveillance**

- Active case search continued in all affected locations across the state, supported by WHO.
- 6,426 households were visited and sensitized 45,438 persons on basic preventive measures for cholera.
- Priority locations identified and communicated to WASH and risk communication teams.
- Alerts investigation and samples collection ongoing.

### **Case management**

- SMOH and health sector partners (WHO, MSF, ICRC, MDM) continue to support with managing of the CTCs/CTU and provision of medical supplies in all the affected LGAs.

### **WASH**

#### **• Gwoza LGA (Pulka)**

- IOM concluded the distribution of 400 cholera hygiene kits to 400 household (1699 Individuals) at the Transit Reception Centre targeting suspected cases and persons from hotspot areas.
- NCA have also procured diesel to support power supply across different boreholes.

#### **• Damboa LGA**

- 35 hygiene promoters (IMC) have continued to raise awareness and sensitize communities on Cholera prevention reaching 187 Households, Disinfection of 63 household was done in Abachari and kasuwan Shanu Axis alongside the disinfection the 3km drainage in Damboa
- IMC and Mercy Corps have supported the distribution of 45,000 pieces of soap to promote good hygiene targeting hotspot areas in shuwari.

#### **• Kaga LGA**

- CRS in collaboration with health partners have sensitized 658 household (1404 individuals house to house messaging on cholera prevention with 658 household (1404 individuals) reached within the reporting week.
- Distribution of 352 NFI kits (73 LCC kits and 279 motivation kits) to each committee member in Wajiro, Burguma, Benisheikh, Kururi, makinta and Ngamdu.
- A total of **700** Cholera Kits were also distributed in Ngamdu, alongside cholera prevention training for **25** CRS' Nutrition Community Mobilizers on the field in Benisheikh.

#### **• Gubio LGA**

- 1059 Household (**4637 individuals**) were reached with house to house messaging on cholera prevention is ongoing, 412 household have also benefited from vector control activities with the participation **51** persons from the community.

#### **• Magumeri LGA**

- CRS and IRC have continued to support house to house messaging on cholera prevention in Magumeri town. CRS 558 HH reached (862 people) and IRC 57 HH (365 people) respectively in Alili, Goni Musari and Shettimari communities. 87HH have also benefited

from Solid waste management services.

- **Jere LGA**

- AAH, GGSI, HOPE 360, SI, MALTESER Intl, IOM, CIDAR & ZOA have reached 45,620 Individuals with hygiene promotion messaging on Cholera awareness and prevention, COVID-19 prevention, handwashing and general hygiene promotion messages with soap distribution across in IDP Camps (formal and informal) and host communities.
- A total of 18 areas conducted clean up campaigns, with over 2,386,877 liters of water chlorinated within the period. 5,595 Pieces of soap was distributed to improve personal hygiene and handwashing in IDP camps and host communities in Jere LGA.

- **MMC LGA**

- WASH partners have reached over 1170 HH with hygiene promotion messaging on cholera prevention signs and symptoms using house visits (**NRC,AAH,GGSI**) at Bolori II , Marte camp, Pampas camp ,Kangarmaka ,Alamin Daggash Garage, Railway camp ,Goni Gadangari, Bintusuga community of Ngomari ,Teacher's village Camp ,Stadium camp, Umara Bolori ,Garba buzu ,EYN CAN Center, Lowcost B ,Mashidimami areas.
- IOM have also reached additional 22,459 individuals with hygiene promotion messages on prevention of Cholera/COVID-19 across MMC camps and host communities. AAH also distributed 16 cholera kits to affected households.
- Water chlorination, Jerry can clean campaign and environmental sanitation exercise are all ongoing in all the listed locations.
- 5,106 bars of soap were distributed to 595 households with additional 1000 soaps distributed by **GGSI** to Adolescent girls and lactating mothers.

### **Risk Communication and Community Engagement**

- UNICEF and WHO continues to support the state to curtail the outbreak of Cholera through the community health champion house-to-house intervention across the hotspot locations with more than 13,000 persons with cholera preventive messages integrated with covid-19. In addition,
- Mobile health teams have sensitized an estimate of 2,000 persons in hard-to-reach locations.
- There's an ongoing WHO-supported motorized campaign in IDP camps, host communities and densely populated areas with Cholera preventive messages, integrated with Covid-19, about 100,000 persons were reached across Borno state.

### **Challenges**

- Increased water trucking needs in Damboa, Pulka, Dikwa, MMC, Damasak.
- Lack of storage and challenges with transportation of bulk materials have slowed down the need to start water trucking and repair of broken-down boreholes in Damasak.
- Inadequate rapid diagnostic kits for cholera diagnosis.
- Inadequate Intravenous fluids, ORS and antibiotics for case management.
- Lack of access to Rann, Kala-balge LGA.
- Shortages of Aqua tabs and soaps and IEC materials.

### **Recommendations**

- Continue community active case search and alert investigation.
- Improve portable water supply in hotspot communities and point source chlorination.
- Provision of medical supply to improve case management.