**Table 1: Epi Summary**

**Highlights**

* 4 IDP camps affected with sporadic suspected cases from 6 communities
* A total of 338 cases with 13 deaths (CFR-3.8%) have been recorded
* 21 new cases reported
* 63 patients being managed at the treatment center
* 6 patients were discharged from treatment center
* Treatment center set-up by government supported by MSF with adequate medicines and supplies

**CHOLERA OUTBREAK IN IDP CAMPS IN MAIDUGURI, NIGERIA**

**Situation Report: 20th September 2015**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Goni Kachallari | Sanda Kyarimi | Farm center | ATC | Communities | Total |
| New cases | 1 | 0 | 7 | 0 | 13 | **21** |
| Cumulative no. of cases | 247 | 18 | 38 | 2 | 33 | **338** |
| New deaths | 1 | 0 | 0 | 0 | 0 | **1** |
| Cumulative no. of death | 12 | 0 | 1 | 0 | 0 | **13** |
| Case fatality rate | 5.0% | 0% | 3.6% | 0% | 0% | **3.8%** |

**Table 2: Age and sex distribution of cases:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Age | Cases | | Deaths | | Total | |
| Males | Females | Males | Females | Cases | Deaths |
| < 1year | 5 | 6 | 0 | 0 | 11 | 0 |
| 1-4 years | 43 | 33 | 0 | 1 | 76 | 1 |
| 5-14 years | 54 | 45 | 0 | 0 | 99 | 0 |
| >=15years | 61 | 91 | 9 | 3 | 152 | 12 |
| **Total** | **163** | **175** | **9** | **4** | **338** | **13** |

**Laboratory Investigation:**

A total of 14 samples were tested using RDT of which 6 were positive for cholera serotype 0139. Of the 14 samples were taken to the laboratory for microscopy and culture, one sample was positive for cholera.

**Chart 1: Distribution of cases by sites**

**Chart 2: Epidemiological Curve**

**Response Activities**

**Health**

**Activities for affected camps**

* Active Surveillance including house to house/ tent to tent case tracing
* Coordination meeting
* Case management
* Preposition of medical supplies
* Preposition of IPC supplies with emergency health kits
* Health education
* Clinician sensitization
* Infection prevention and control

**Activities in other Camps:**

* Active surveillance; case search
* Health education
* Sensitization of health workers in camp clinics
* Sensitization of surveillance officers

**WASH**

**Activities implemented in Goni Kachallari, Sanda Kyarimi and Farm Centre camps**

* Chlorination of water sources
* Hygiene education for IDPs
* Cleaning of toilets and camp environment
* Water trucking to Goni Kachallari
* Connection of Goni Kachallari camp to municipal water works through the overhead tank near the camp on-going
* Distribution of hygiene/dignity kits at Farm Centre camp
* General cleaning and solid waste collection at Sanda Kyarimi camp

**Activities in other Camps**

* Chlorination of water sources
* Disinfection at Bakassi and Teachers’ Village Camps
* Borehole drilling activities on-going in Dalori and Teachers Village camps
* Environmental vanguards and supervisors reporting at Dalori and NYSC camps for environmental sanitation
  + Cleaning of toilets, placement of 12 plastic dustbins, solid waste collection, and disinfection of stagnant water at NYSC camp
  + Solid waste evacuation at Arabic Teachers’ College (ATC), Government College, and Women Teachers’ College (WTC)
* Sand filling work on-going at NYSC Camp

**Challenges**

* Containment of outbreak in the community
* Unofficial recognition of farm centre camp leading to free movement of IDPs
* Non-functional state level EPR committee

**Planned activities**

* Environmental Vanguards to report in other camps
* Delivery of procured additional water chlorination chemical and IEC materials.
* WASH Sector meeting with Honourable Commissioner (Borno State Ministry of Water Resources) on Monday 21/09/15
* Distribution of hygiene kits at Teachers Village camp on 21/09/15
* Accelerated grass cutting and fumigation in all camps
* 93 NFI kits will be distributed in Goni kachallari on Sunday
* 979 NFI kits will be distributed in other informal settlements not affected by cholera so far on Sunday
* Distributing 11K NFI kits emergency cholera (hand washing soap and 100 Aquatab plus IEC material within 2 to 3 weeks).
* Water quality monitoring and water point chlorination.

|  |
| --- |
| **Organizations/Partners involved in response**     * Federal Ministry of Health (FMOH)- Nigeria Centre for Disease for Disease Control * SMOH, SPHCDA, NEMA * Nigeria Field Epidemiology and Training Programme (NFELTP) * WHO, UNICEF, UNOCHA, IOM, MSF, RUWASA, BOSEPA, ICRC, ACF, OXFAM |

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