****

**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**

**Table 1: Epi Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 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 |

|  |
| --- |
| ***For Further information, please contact the following:***   1. *Prof A. XXXX –CEO, Nigeria Centre for Disease, Federal Ministry of Health. Email****: xxxx@yahoo.com*** 2. *Dr XXXX., WHO Email:* ***xxxx***[***@who.int***](mailto:ruivaz@who.int) 3. *XXXX, UNICEF. Email****: xxxx*@unicef.org** |

|  |
| --- |
| **Disclaimer**  **WHO Health Security Learning Platform - Training Materials**  These WHO Training Materials are © World Health Organization (WHO) 2022. All rights reserved.  Your use of these materials is subject to the “[WHO Health Security Learning Platform, Training Materials – Terms of Use](https://extranet.who.int/hslp/?q=content/terms-use)”, which you accepted when downloading them and which are available on the Health Security Learning Platform at: <https://extranet.who.int/hslp>    Should you adapt, modify, translate, or in any other way revise the contents of these materials, you shall not imply that WHO is any way affiliated with such modifications and shall not use the WHO name or emblem in such modified materials.    Should you adapt, modify, translate, or in any other way revise the contents of these materials, you shall acknowledge the source of the material providing the following attribution: “These training materials are a modified version of the Rapid Response Teams Advanced Training Package (available at: <https://extranet.who.int/hslp/>), which is © the World Health Organization (WHO), 2022, and used with permission from WHO. WHO disclaims any responsibility for any modifications to, or revisions of, the WHO copyrighted materials.”  Further, please inform WHO of any modifications of these materials that you use publicly, for record-keeping purposes and continued development, by emailing [ihrhrt@who.int](mailto:ihrhrt@who.int) |