As the dry season begins, we expect an increase in the number of cerebrospinal meningitis (CSM) cases in Nigeria. This is the first SitRep for the 2018/2019 season.

The National Technical Working Group for Cerebrospinal Meningitis has been improving level of preparedness ahead of the 2018/2019 meningitis season. States in the meningitis belt were formally placed on alert on the 8th of November 2018.

As at epi week 50, eight new suspected cases were reported from Katsina State.

Beginning from October 1, 2018 to December 18, 2018, a total of 72 suspected cases have been reported from ten states.

Four samples were positive for bacterial meningitis.

Neisseria meningitides serogroup C (NmC) accounted for 100% (4) of the positive cases.

So far, nine deaths (CFR=12.5%) have been recorded among all suspected cases.

In the last four weeks (Epi Wk 47 to Epi Wk 50), one LGA entered the alert threshold.

Media messages have been developed and disseminated via conventional and social media.

The multi-agency CSM Technical Working Group hosted at NCDC continues to monitor situation across the high risk states.

**Key Indicators**

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>72</td>
<td>Total cases reported</td>
</tr>
<tr>
<td>9</td>
<td>Total Deaths</td>
</tr>
<tr>
<td>4</td>
<td>Confirmed cases</td>
</tr>
<tr>
<td>10</td>
<td>States that have reported at least one suspected case</td>
</tr>
<tr>
<td>1</td>
<td>LGAs in Alert in the last four weeks (wk47 to wk50,2018)</td>
</tr>
<tr>
<td>0</td>
<td>LGAs in Epidemic in the last four weeks (wk47 to wk50,2018)</td>
</tr>
<tr>
<td>0</td>
<td>Cumulative LGAs ever in Epidemic</td>
</tr>
</tbody>
</table>

**CSM Outbreak Epidemic Curves as at 18th December, 2018, Nigeria**
Katsina

Week of onset

Zamfara

Jigawa

---Protecting the Health of Nigerians---

---World Health Organization---

---AFNET---

---AFROCA Cdc---

---CDC---
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Yobe

Number of cases

Alive ▶ Dead

Week of onset

Ebonyi

Number of cases

Alive ▶ Dead

Week of onset

Bauchi

Number of cases

Alive ▶ Dead

Week of onset
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Distribution of cerebrospinal meningitis cases in Nigeria as at December 18, 2018

Age distribution of CSM cases in Nigeria as at 18th Dec., 2018

Number of cases

Week of onset

2018 2019

Ondo

Alive Dead

No of cases

Age group in years

Less than 1 1 to 5 6 to 10 11 to 15 16 to 20 21 to 25 > 25

3 24 18 14 8 2 3

Number of cases

30 25 20 15 10 5 0

36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 1 2 3 4 5 6 7 8 9 10

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