CEREBROSPINAL MENINGITIS OUTBREAK IN NIGERIA
Situation Report
(2nd June, 2017)

Highlights

- From 13th December, 2016 to 2nd June, 2017, a total of 14,473 suspected cases and 1,155 deaths (CFR= 8%) of CSM have been reported from 25 States
- Of the 460 laboratory confirmed cases, 371 (80.6%) were *Neisseria meningitidis* serogroup C
- In the last four weeks (Epi-week 16-19), 24 Local Government Areas (LGAs) have been in alert/ epidemic status in three States — Zamfara, Sokoto and Katsina
- Second phase of reactive vaccination completed in Zamfara on 26th of May, 2017 with 97% coverage and in Yobe on 24th May, 2017 with 105% coverage.

Epi summary

- The first case occurred in Zamfara State during Epidemiology Week 50 (December 12–18, 2016)
- A total of 14,473 cases with 1155 deaths (CFR=8.0%) have been reported
- Of the reported cases, 998 (6.9%) were laboratory tested; of which 460 (46.6%) were confirmed positive for bacterial meningitis
- *Neisseria meningitides* serogroup C remains the predominant (80.6%) cause of meningitis amongst those who tested positive
- The 5-14 year age group remains the most affected with a total of 6774 (46.9%) cases
- In the current three affected States — Zamfara, Sokoto and Katsina— a total of 12 LGAs have reached the alert threshold and are therefore under enhanced surveillance, while 12 LGAs are in epidemic threshold, with full outbreak investigation and control measures being implemented

<table>
<thead>
<tr>
<th>Key Indicators</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total cases reported</td>
<td>14,473</td>
</tr>
<tr>
<td>Total Deaths</td>
<td>1,158</td>
</tr>
<tr>
<td>Confirmed cases</td>
<td>460</td>
</tr>
<tr>
<td>Total samples tested</td>
<td>998</td>
</tr>
<tr>
<td>States that have reported at least one suspected case</td>
<td>25</td>
</tr>
<tr>
<td>States with at least one LGA currently in Epidemic</td>
<td>3</td>
</tr>
<tr>
<td>States with at least one LGA currently in Alert</td>
<td>3</td>
</tr>
<tr>
<td>LGAs in Alert in the last four weeks (wk17 to wk20)</td>
<td>12</td>
</tr>
<tr>
<td>LGAs in Epidemic in the last four weeks (wk17 to wk20)</td>
<td>12</td>
</tr>
<tr>
<td>Cumulative LGAs ever in Epidemic</td>
<td>34</td>
</tr>
</tbody>
</table>

Age Distribution of CSM Cases as at 1st June, 2017
EPIDEMIC CURVES OF CSM OUTBREAK IN NIGERIA AS AT 25TH MAY, 2017

Number of cases

Epidemic Week

National

Alive Died

Number of cases

Epid-week

WK 50 WK 51 WK 52 WK 1 WK 2 WK 3 WK 4 WK 5 WK 6 WK 7 WK 8 WK 9 WK 10 WK 11 WK 12 WK 13 WK 14 WK 15 WK 16 WK 17 WK 18 WK 19 WK 20 WK 21

0 500 1000 1500 2000 2500 3000 3500

EPIDEMIC CURVES OF CSM OUTBREAK IN NIGERIA AS AT 25TH MAY, 2017

Number of cases

Epidemic Week

National

Alive Died

Number of cases

Epid-week

WK 50 WK 51 WK 52 WK 1 WK 2 WK 3 WK 4 WK 5 WK 6 WK 7 WK 8 WK 9 WK 10 WK 11 WK 12 WK 13 WK 14 WK 15 WK 16 WK 17 WK 18 WK 19 WK 20 WK 21

0 500 1000 1500 2000 2500 3000 3500
Distribution of CSM Cases as at 1-June-2017

Affected: States = 25; LGAs = 241*
Suspected Cases = 14456
Lab-confirmed Cases = 465

LGAs in Alert/Epid within the last four Weeks (Wk18-21), 2017

LGAs that crossed Alert Threshold = 11
LGAs that crossed Epidemic threshold = 12
# States affected = 3:
(Katsina 2 LGAs, Sokoto 15 LGAs, Zamfara 6 LGAs)