HIGHLIGHTS

- In this reporting week 28th May – 3rd June, 2018
  - Sixty nine (69) suspected cases reported from 19 states from NCDC Central Public Health Laboratory (CPHL) Lagos and Maitama District Hospital Laboratory
  - No new in-country presumptive positives in the reporting week
  - No new confirmed case from Dakar in the reporting week
  - Last presumptive positive case in the Nigerian lab was 10-May-18
  - Last IP Dakar confirmed case from Nigeria was on 15-May-2018

SUMMARY OF OUTBREAK

- A yellow fever outbreak is currently active in Nigeria. Confirmed cases have been recorded in ten States (Kwara, Kogi, Kano, Zamfara, Kebbi, Nasarawa, Niger, Katsina, Edo and Ekiti): in 21 Local Government areas (LGAs)
- 126 samples (presumptive positive and inconclusive) in 57 LGAs sent to IP Dakar (Table 2)
- All Nigerian states have reported suspected cases in 414 LGAs
- From the onset of this outbreak on September 12, 2017, a total of 1,903 suspected yellow fever cases have been line-listed as at week 22 [28th May – 3rd June 2018 (Table 1)].
- Of the 1,903 suspected cases, 1,724 (90.6%), had blood samples collected and sent to the Nigerian testing laboratories for confirmation (Table 3)
- Of the 1,724 samples collected, 108 (6.3%) tested positive for yellow fever (presumptive positives) and 16 (0.9%) inconclusive results in six Nigerian laboratories. (Tables 2 & 3)
- As at Epi week 22 [28th May – 3rd June, 2018] 46 (36.5%) samples out of the 126 (positive and inconclusive) samples in Nigeria have been confirmed positive by IP, Dakar. 73 samples were negative, 7 samples are awaiting results from IP Dakar [Table 1].
- Predominant age groups affected are 20 years and below accounting for 62.3% (See fig 3).
  - Median age is 14 years (range 1 – 92 years)
  - Male to female ratio is 1.4 to 1 (male 57.6%, female 42.4%):
  - Among the confirmed, male to female ratio is 1.4:1 (male 63.0%, female 37.0%)
- Yellow fever vaccination campaigns have been successfully completed in six states
  - 2013 Preventive mass vaccination campaign (PMVC) 2013 in Nasarawa, Cross River, Akwa Ibom;
  - 2018 phase 1 PMVC in Kogi, Kwara and Zamfara and in fifty-eight political wards in 25 LGAs in Borno State
  - Reactive vaccination campaign conducted affected and contiguous LGAs in Kebbi (8 LGAs), Niger (5 LGAs) and Sokoto (1 LGA)
Total number of deaths in all cases (suspected, probable and confirmed cases) is 47, while 10 deaths were recorded among confirmed cases only. Therefore, the case fatality ratio (CFR) for all cases (including suspected, probable and confirmed) is 2.5%, and 21.7% for confirmed cases.

**EPI- SUMMARY**

*Table 1: Showing all affected states and cases with Yellow fever as at week 22 (28th May - 3rd June), 2018*

<table>
<thead>
<tr>
<th>State</th>
<th>Abia</th>
<th>Benue</th>
<th>Delta</th>
<th>Edo</th>
<th>Enugu</th>
<th>Gombe</th>
<th>Kaduna</th>
<th>Katsina</th>
<th>Kebbi</th>
<th>Kogi</th>
<th>Kwerri</th>
<th>Lagos</th>
<th>Nasarawa</th>
<th>Niger</th>
<th>Ogun</th>
<th>Ondo</th>
<th>Plateau</th>
<th>Sokoto</th>
<th>Taraba</th>
<th>Yobe</th>
<th>Total</th>
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<tbody>
<tr>
<td>No. of cases</td>
<td>94</td>
<td>214</td>
<td>125</td>
<td>57</td>
<td>21</td>
<td>33</td>
<td>31</td>
<td>19</td>
<td>23</td>
<td>35</td>
<td>93</td>
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<td>70</td>
<td>68</td>
<td>76</td>
<td>23</td>
<td>14</td>
<td>11</td>
<td>9</td>
<td>33</td>
<td>48</td>
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<tr>
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<td>No. of LGAs</td>
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<td>13</td>
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<td>Number of deaths from IP Dakar confirmed</td>
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</table>

CFR for all cases = 2.5%, among the Presumptive/inconclusive cases 11.1% and among IP Dakar confirmed cases 21.7%
Figure 1: Epidemic curve of suspected / confirmed cases of yellow fever in Nigeria as at week 22 (28th May - 3rd June), 2018

Figure 3: Map of Nigeria showing states with suspected/presumptive/confirmed as at week 22 (28th May - 3rd June), 2018
States to have 2018 Phase B PMVC

States without any YF vaccination activity

YF PMVC completed in the States

YF PMVC vaccination activity in some LGAs

States with confirmed YF with RVC in the affected LGAs

No YF RVC in LGAs in States with