



# SITUATION REPORT

## Nigeria Centre For Disease Control (NCDC)

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|                       |   |
|-----------------------|---|
| <b>TITLE:</b>         | <b>2019 LASSA FEVER OUTBREAK SITUATION REPORT</b> |
| <b>SERIAL NUMBER:</b> | <b>10</b>   |
| <b>EPI-WEEK:</b>      | <b>10</b>   |
| <b>DATE:</b>          | <b>10<sup>th</sup> March 2019</b>                 |

### HIGHLIGHTS

- In the reporting Week 10 (4<sup>th</sup> - 10<sup>th</sup> March, 2019) **52** new confirmed<sup>i</sup> cases were reported from eight states - Edo(23), Ondo(11), Ebonyi (9), Bauchi(1), Nasarawa(2), Plateau(1), Taraba (4) and Delta (1) with **eleven** new deaths in Edo (3), Ondo(3), Ebonyi (4) and Nasarawa (1) States.
- From 1<sup>st</sup> January to 10<sup>th</sup> March, 2019, a total of 1752 **suspected<sup>i</sup>** cases have been reported from states. Of these, **472 were confirmed positive**, 15 probable and 1265 negative (not a case)-*Table 1*.
- Since the onset of the 2019 outbreak, there have been **110\*** deaths in confirmed cases. Case fatality ratio in confirmed cases is 23.3% -*Table 1*
- Twenty-one (21) States (Edo, Ondo, Bauchi, Nasarawa, Ebonyi, Plateau, Taraba, FCT, Adamawa, Gombe, Kaduna, Kwara, Benue, Rivers, Kogi, Enugu, Imo, Delta, Oyo, Kebbi and Cross River) have recorded at least one confirmed case across 73 Local Government Areas- *Table 1, Figure 1*
- In the reporting week 10, no new health care worker was affected. A total of **fifteen health care workers** have been infected since the onset of the outbreak in **seven States** – Edo (7), Ondo (3), Ebonyi (1), Enugu (1), Rivers (1), Bauchi (1) and Benue (1) with two deaths in Enugu and Edo
- Sixty-eight (68) patients are currently being managed at various treatment centres across the country: Irrua Specialist Teaching Hospital(ISTH) treatment Centre (33), Federal Medical Centre Owo (16), Federal Teaching Hospital Abakaliki (10), Bauchi (1), Plateau (3), Nasarawa(1) and Taraba (4) - *Table 1*
- A total of **5340** contacts have been identified from 20 States. Of these 2129 (39.9%) are currently being followed up, 3158 (59.1%) have completed 21 days follow up, while 4(0.1%) were lost to follow up. 82(1.5%) symptomatic contacts have been identified, of which **49 (1.0%)** have tested positive -*Table 1*
- Multi sectoral one health national rapid response teams (NCDC, NFELTP, Federal Ministry of Agricultural and Federal Ministry of Environment) deployed to high burden states
- National Lassa fever multi-partner, multi-sectoral Emergency Operations Centre(EOC) continues to coordinate the response activities at all levels



**Table 1: National Lassa fever Outbreak Summary Table, 1<sup>st</sup> January – 10<sup>th</sup> March 2019**

Completed 21 days since last confirmed case      No report received for current week

| Description   | Edo        | Ondo       | Ebonyi     | Bauchi    | Nasarawa  | Plateau   | Taraba    | FCT       | Adamawa    | Imo        | Kwara    | Gombe     | Kaduna    | Benue     | Kogi      | Enugu      | Delta     | Rivers    | Oyo       | Kebbi    | Cross River | TOTAL       |
|---|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|------------|------------|----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|----------|-------------|-------------|
| <b>Cases</b>  |            |            |            |           |           |           |           |           |            |            |          |           |           |           |           |            |           |           |           |          |             |             |
| New laboratory confirmed                            | 23         | 11         | 9          | 1         | 2         | 1         | 4         | 0         | 0          | 0          | 0        | 0         | 0         | 0         | 0         | 0          | 1         | 0         | 0         | 0        | 0           | 52          |
| HCW affected  | 7          | 3          | 1          | 1         | 0         | 0         | 0         | 0         | 0          | 0          | 0        | 0         | 0         | 1         | 0         | 1          | 0         | 1         | 0         | 0        | 0           | 15          |
| Probable Cases                                      | 7          | 3          | 4          | 0         | 0         | 0         | 0         | 0         | 0          | 1          | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0        | 0           | 15          |
| <b>Total laboratory confirmed</b>                   | <b>174</b> | <b>133</b> | <b>39</b>  | <b>32</b> | <b>6</b>  | <b>28</b> | <b>30</b> | <b>3</b>  | <b>1</b>   | <b>1</b>   | <b>1</b> | <b>3</b>  | <b>4</b>  | <b>4</b>  | <b>3</b>  | <b>1</b>   | <b>2</b>  | <b>2</b>  | <b>2</b>  | <b>2</b> | <b>1</b>    | <b>472</b>  |
| Negative/Not a case                                 | 766        | 202        | 58         | 59        | 10        | 38        | 22        | 13        | 9          | 1          | 6        | 11        | 21        | 5         | 1         | 9          | 15        | 12        | 5         | 1        | 1           | 1265        |
| <b>Total cases (confirmed + probable+ negative)</b> | <b>947</b> | <b>338</b> | <b>101</b> | <b>91</b> | <b>16</b> | <b>66</b> | <b>52</b> | <b>16</b> | <b>10</b>  | <b>3</b>   | <b>7</b> | <b>14</b> | <b>25</b> | <b>9</b>  | <b>4</b>  | <b>10</b>  | <b>17</b> | <b>14</b> | <b>7</b>  | <b>3</b> | <b>2</b>    | <b>1752</b> |
| Total number currently in treatment facility        | 33         | 16         | 10         | 1         | 1         | 3         | 4         | 0         | 0          | 0          | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0        | 0           | 68          |
| <b>Deaths</b>                                       |            |            |            |           |           |           |           |           |            |            |          |           |           |           |           |            |           |           |           |          |             |             |
| Newly Reported                                      | 3          | 3          | 4          | 0         | 1         | 0         | 0         | 0         | 0          | 0          | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0        | 0           | 11          |
| Total deaths in Confirmed cases                     | 26         | 23         | 16         | 6         | 4         | 10        | 14        | 2         | 1          | 1          | 0        | 0         | 0         | 1         | 2         | 1          | 0         | 1         | 1         | 0        | 1           | 110         |
| Total deaths in Probable cases                      | 7          | 3          | 4          | 0         | 0         | 0         | 0         | 0         | 0          | 1          | 0        | 0         | 0         | 0         | 0         | 0          | 0         | 0         | 0         | 0        | 0           | 15          |
| <b>Case Fatality Rate in Confirmed cases</b>        | <b>15</b>  | <b>17</b>  | <b>41</b>  | <b>19</b> | <b>67</b> | <b>36</b> | <b>47</b> | <b>67</b> | <b>100</b> | <b>100</b> | <b>0</b> | <b>0</b>  | <b>0</b>  | <b>25</b> | <b>67</b> | <b>100</b> | <b>0</b>  | <b>50</b> | <b>50</b> | <b>0</b> | <b>100</b>  | <b>23.3</b> |
| <b>Contacts</b>                                     |            |            |            |           |           |           |           |           |            |            |          |           |           |           |           |            |           |           |           |          |             |             |
| Cumulative contacts listed                          | 2361       | 1269       | 516        | 109       | 54        | 103       | 78        | 3         | 23         | 0          | 13       | 0         | 10        | 135       | 73        | 177        | 6         | 105       | 180       | 45       | 80          | 5340        |
| Contacts currently under follow up                  | 577        | 793        | 57         | 26        | 45        | 68        | 32        | 3         | 0          | 0          | 13       | 0         | 10        | 135       | 14        | 72         | 6         | 54        | 180       | 44       | 0           | 2129        |
| Contacts who completed 21 days FU                   | 1775       | 462        | 449        | 73        | 7         | 29        | 46        | 0         | 23         | 0          | 0        | 0         | 0         | 0         | 59        | 105        | 0         | 50        | 0         | 0        | 80          | 3158        |

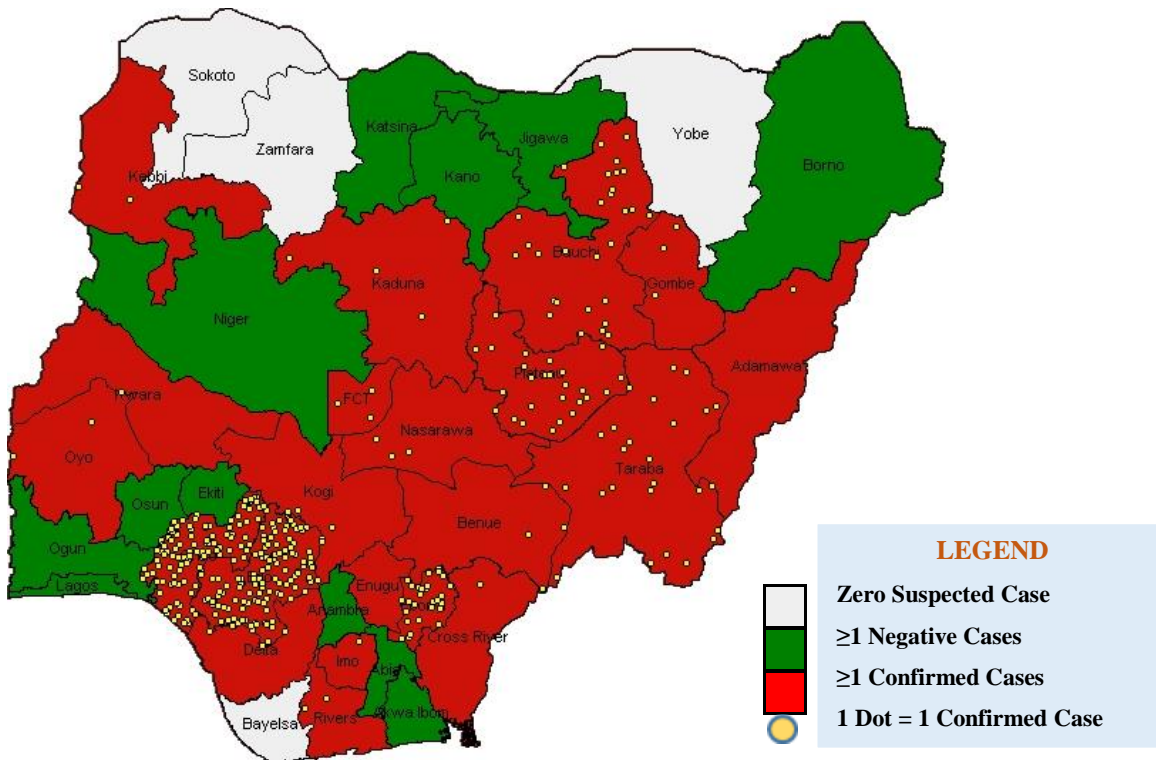


Figure 1. Distribution of Confirmed Lassa Fever cases in Nigeria as at 10<sup>th</sup> March, 2019

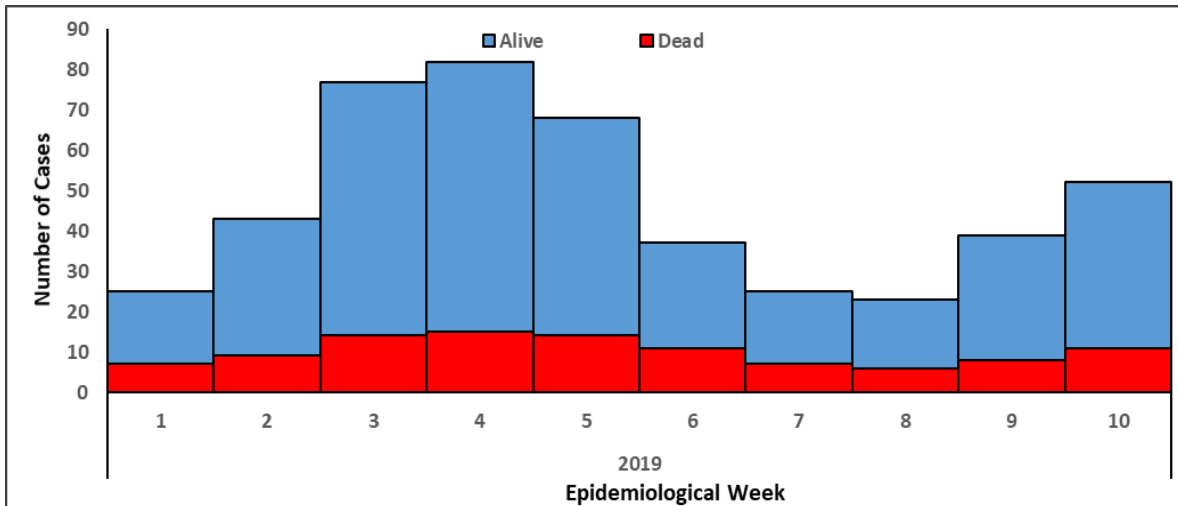


Figure 4. Epicurve of Lassa fever Confirmed (472) Cases in Nigeria - week 01-10, 2019

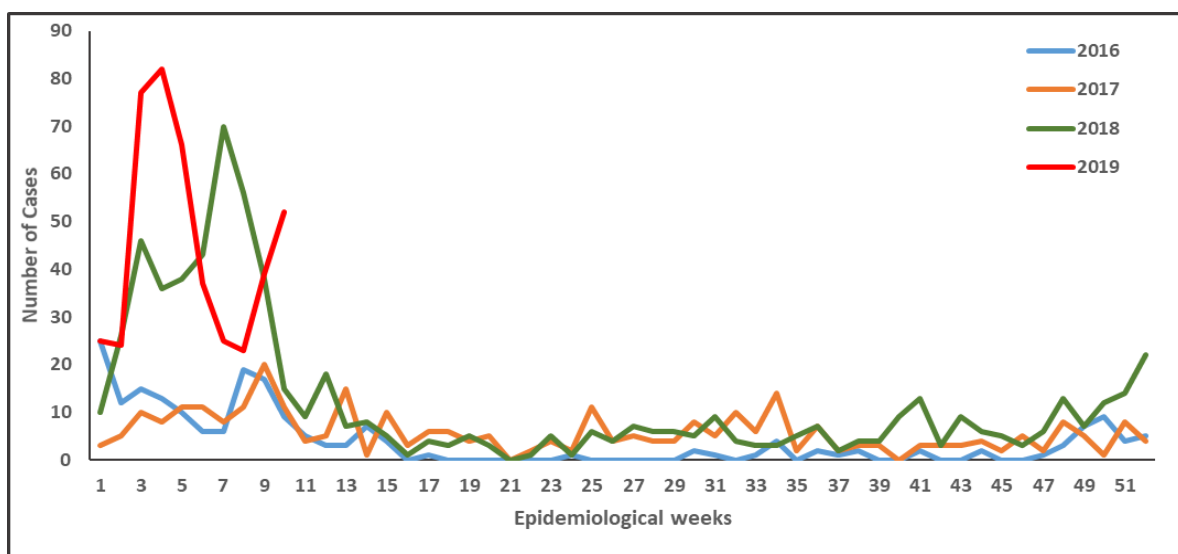


Figure 5. Weekly trends of Lassa fever Confirmed Cases in Nigeria, 2016/week 01-2019/week 10

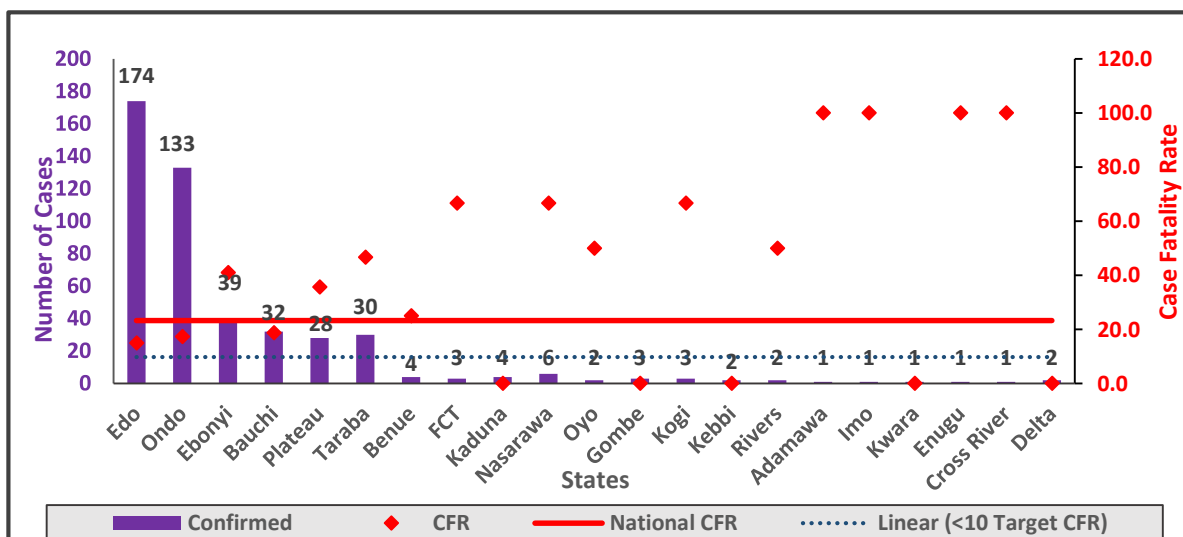


Figure 6. Confirmed Lassa fever cases in Nigeria with state specific Case Fatality Rates (CFR) as at 10th March, 2019