



# SITUATION REPORT

## Nigeria Centre For Disease Control (NCDC)

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<b>TITLE:</b>	<b>2018 LASSA FEVER OUTBREAK IN NIGERIA</b>
<b>SERIAL NUMBER:</b>	<b>16</b>
<b>EPI-WEEK:</b>	<b>16</b>
<b>DATE:</b>	<b>22<sup>nd</sup> April 2018</b>

### HIGHLIGHTS

- In the reporting Week 16 (April 16-22, 2018) Edo state reported one new confirmed<sup>i</sup> case with no new death
- This is the lowest weekly case count since the first week of January 2018
- From 1<sup>st</sup> January to 22<sup>nd</sup> April 2018, a total of 1865 suspected<sup>i</sup> cases have been reported from 21 states. Of these, 416<sup>+</sup> were confirmed positive, 9 are probable, 1439 are negative (not a case) and 1 are awaiting laboratory results (pending)
- Since the onset of the 2018 outbreak, there have been 105 deaths in confirmed cases, 9 in probable cases. Case Fatality Rate in confirmed cases is 25.2%
- 21 states have recorded at least one confirmed case across 70 Local Government Areas (Edo, Ondo, Bauchi, Nasarawa, Ebonyi, Anambra, Benue, Kogi, Imo, Plateau, Lagos, Taraba, Delta, Osun, Rivers, FCT, Gombe, Ekiti, Kaduna, Abia and Adamawa). **Twelve** states have exited the active phase of the outbreak while nine States remain active<sup>iv</sup> - *Figure 1*
- In the reporting week 16, **one** new healthcare worker was infected in a private health facility in Edo state. **Thirty-seven\* health care workers have been affected since the onset of the outbreak in eight states** –Ebonyi (16), Edo (12), Ondo (3), Kogi (2), Benue (1), Nasarawa (1), Taraba (1), and Abia (1) with eight deaths in Ebonyi (6), Kogi (1) and Abia (1)
- 81% of all confirmed cases are from Edo (42%) Ondo (23%) and Ebonyi (16%) states
- Three cases are currently being managed in treatment centres in Edo state. **The lowest since the beginning of the outbreak**
- A total of 4906 contacts have been identified from 21 states. Of these 420 (8.6%) are currently being followed up, 4476 (91.2%) have completed 21 days follow up while 7(0.2%) were lost follow up. 78 symptomatic contacts have been identified, of which **28 (36%)** have tested positive from five states (Edo-13, Ondo-8, Ebonyi-3, Kogi -3 and Bauchi-1)
- National RRT team (NCDC, WHO and NFELTP residents) batch D continues response in Plateau state support
- National Lassa fever multi-partner multi-agency Emergency Operations Centre (EOC) continues to coordinate the response activities at all levels, **however response has been de-escalated** due to continued decline of cases over the past 9 weeks



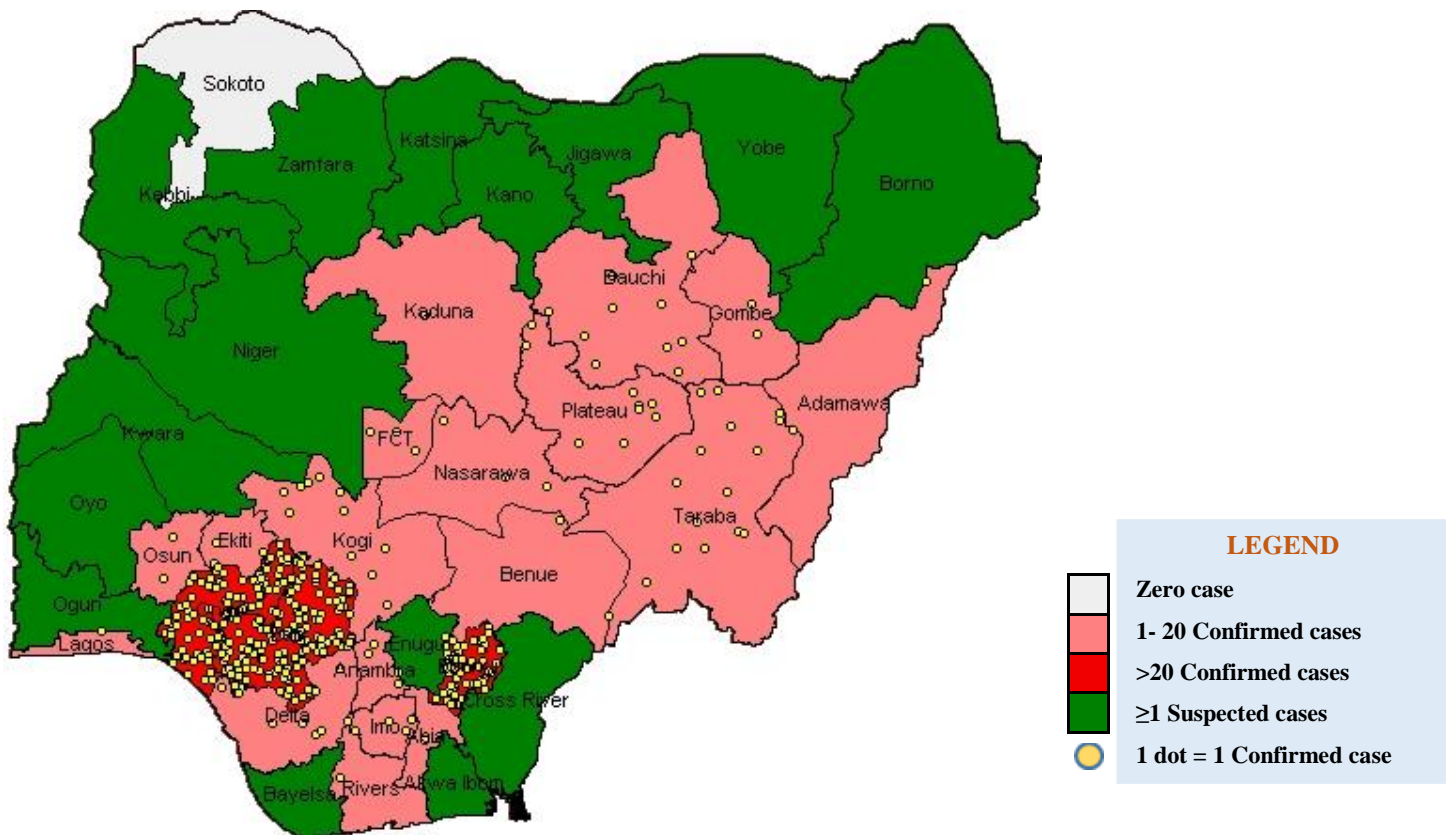


Figure 1. Distribution of Confirmed Lassa Fever cases in Nigeria as at 22<sup>nd</sup> April, 2018

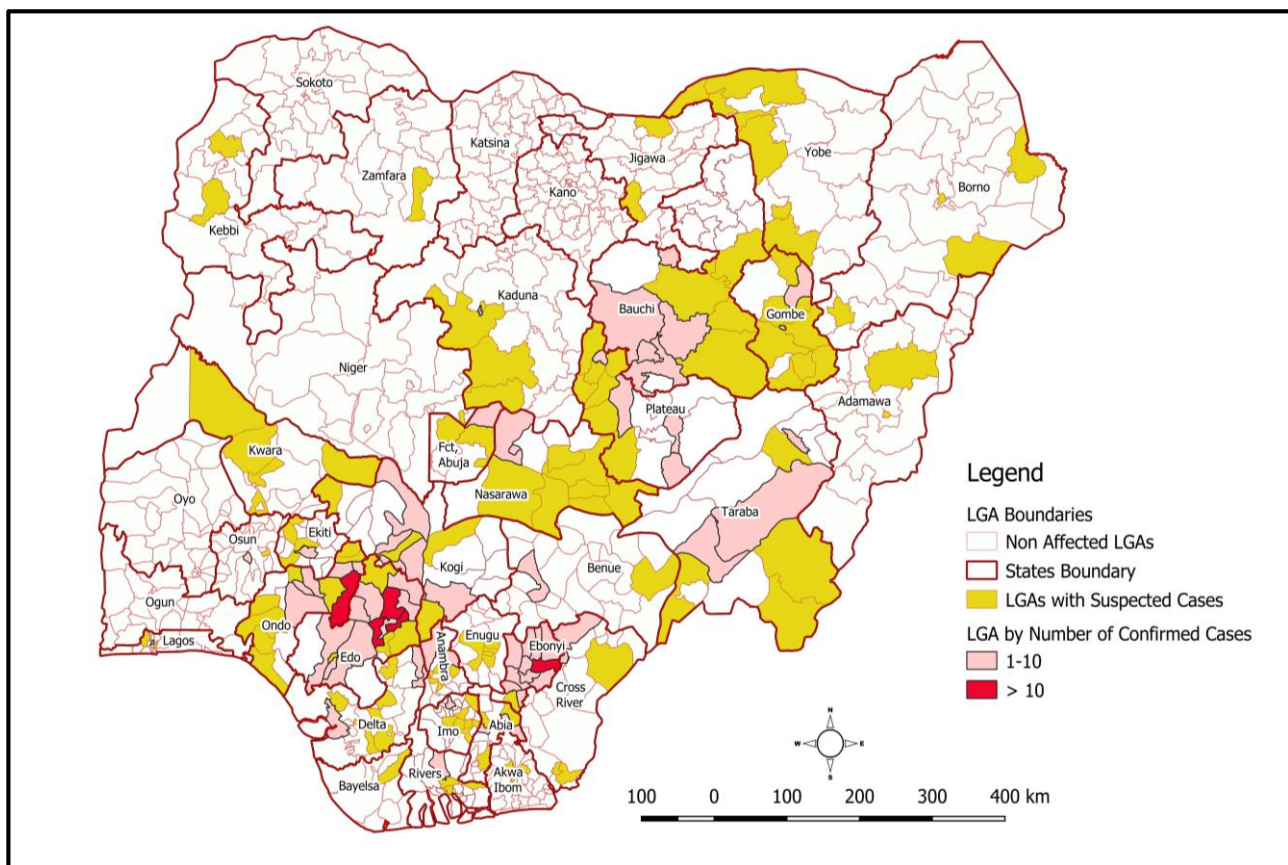


Figure 2. Distribution of Suspected and Confirmed Lassa Fever cases in Nigeria by LGA

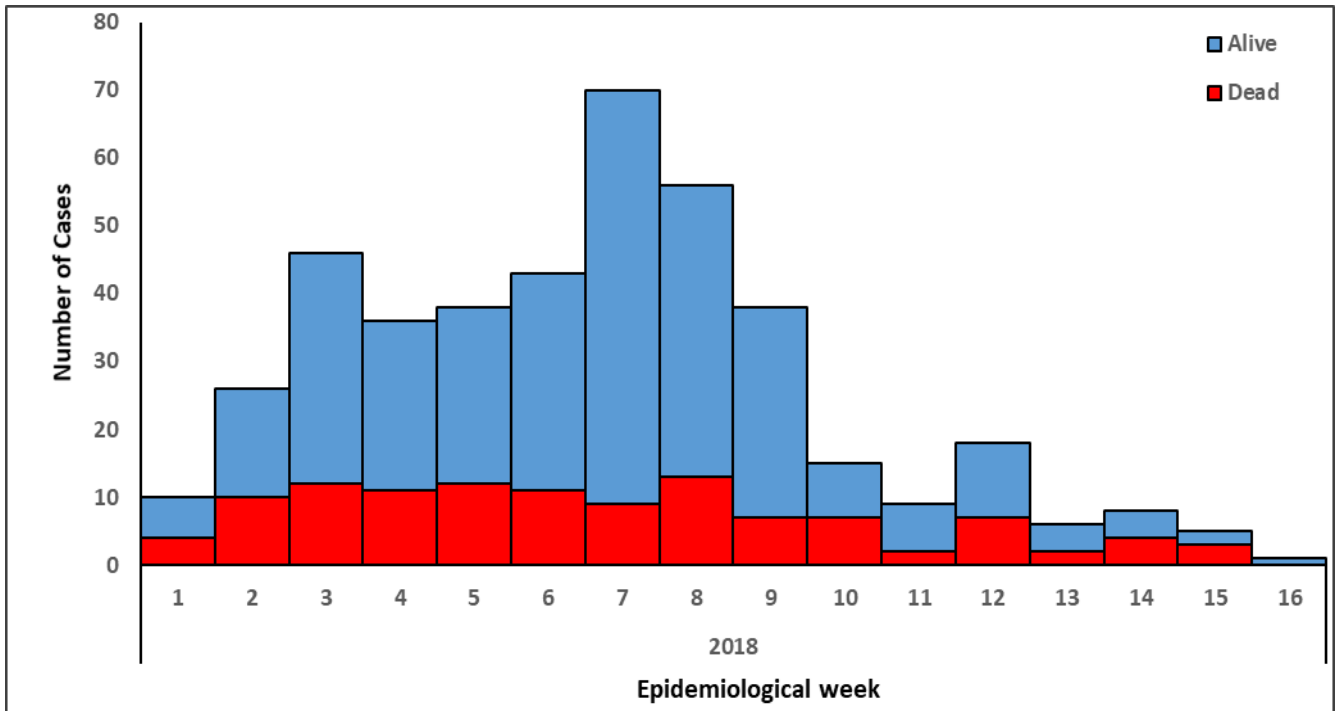


Figure 3. Confirmed (416) and Probable (9) Cases of Lassa fever by epidemiological week in Nigeria week 1- 16, 2018

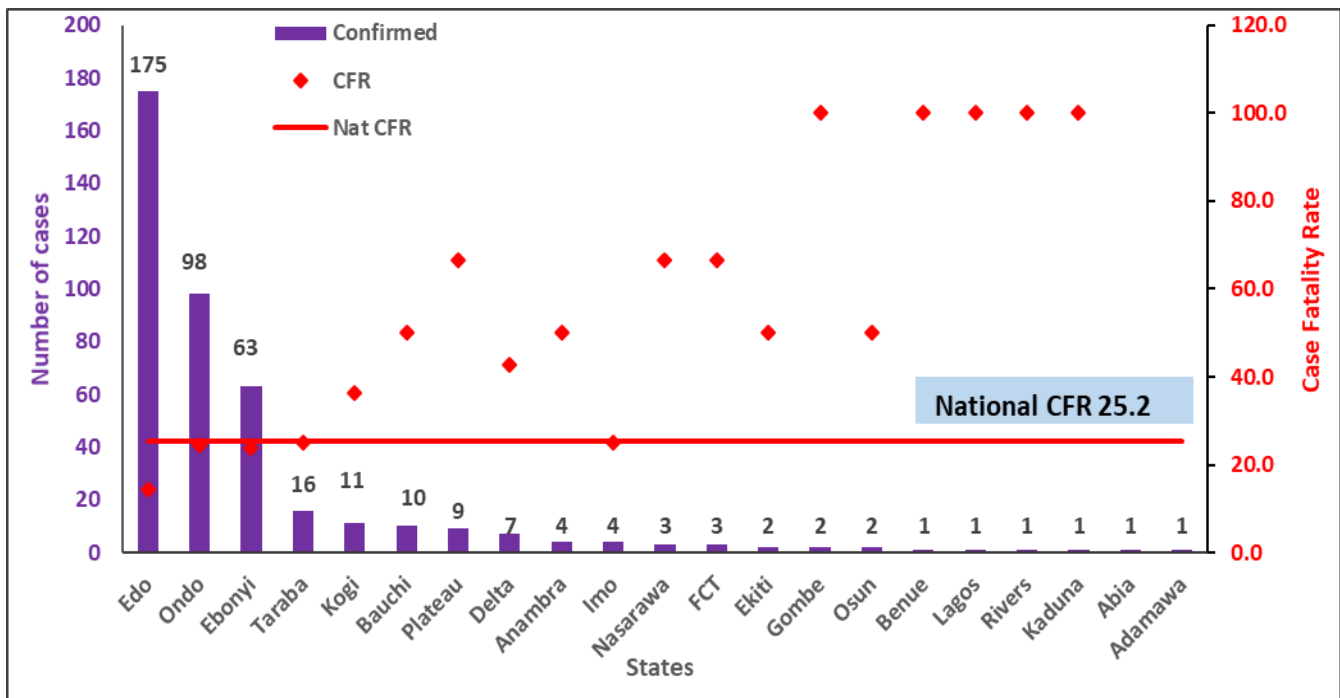


Figure 4. Confirmed Lassa fever cases in Nigeria with state specific Case Fatality Rates (CFR) as at 22<sup>nd</sup> April 2018

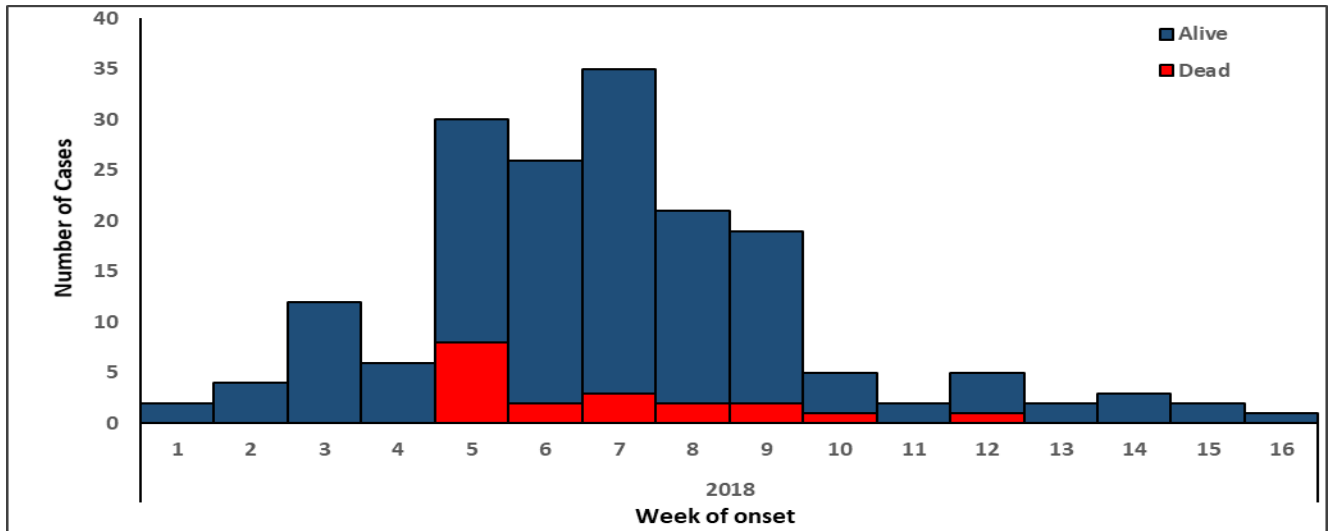


Figure 5: Epicurve of confirmed cases Lassa fever in Edo State week 1-16, 2018

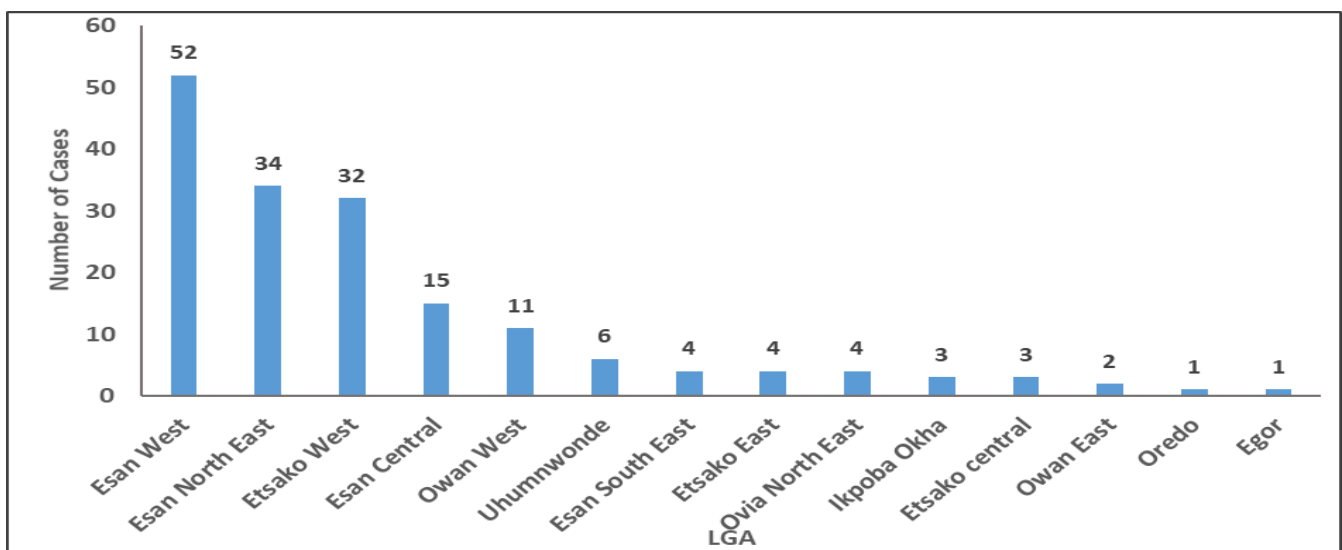


Figure 6: Distribution of Lassa fever confirmed cases in Edo State by LGA as at 22<sup>nd</sup> April 2018

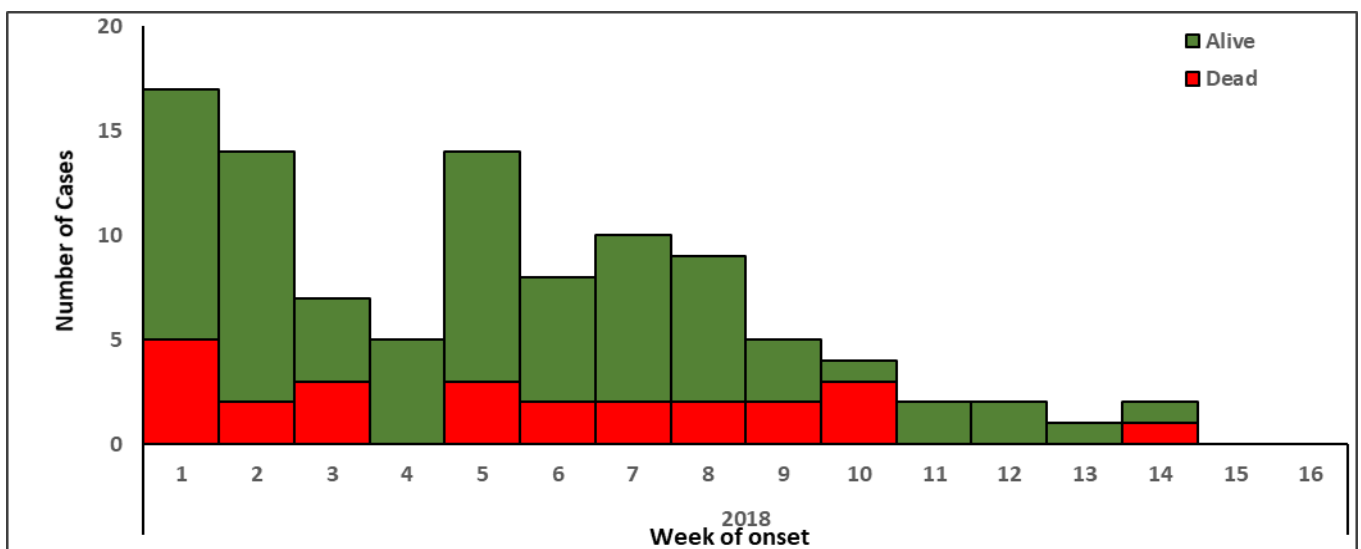


Figure 7: Epicurve of Lassa fever confirmed cases in Ondo State week 1- 16, 2018

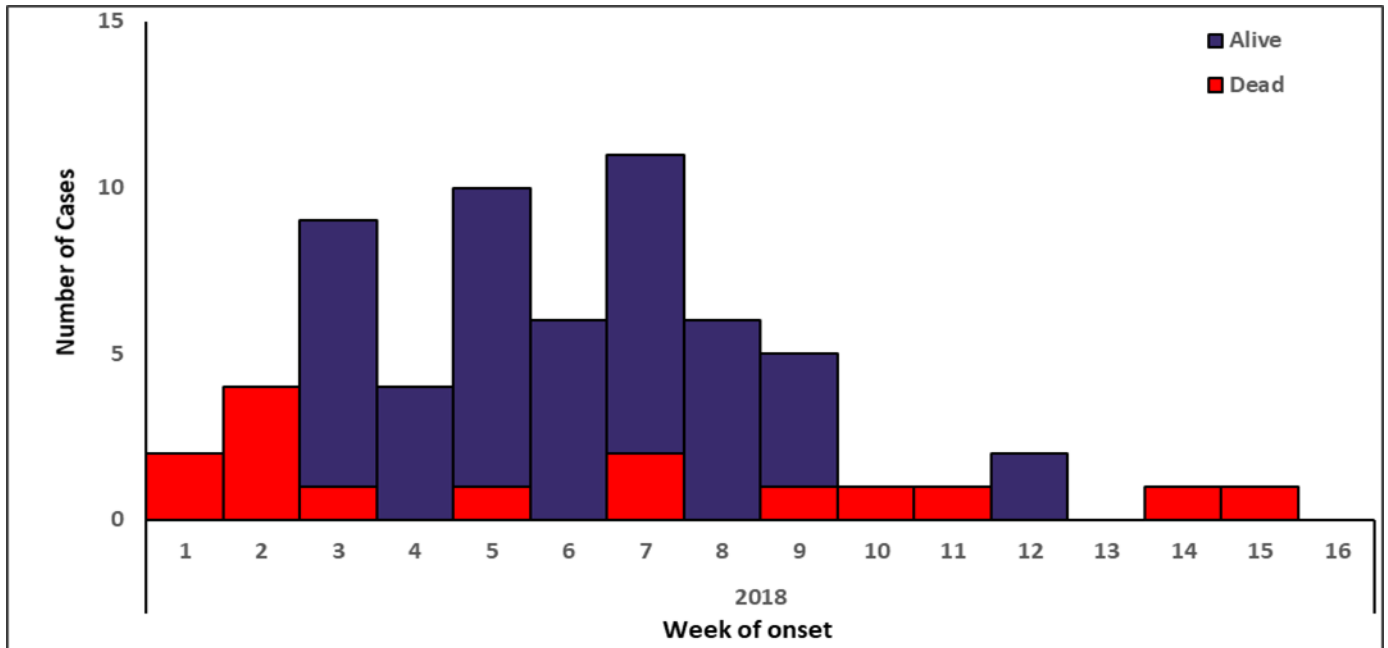


Figure 8: Epicurve of Lassa fever confirmed cases in Ebonyi State week 1-16, 2018

<sup>i</sup>Suspected case describes any individual presenting with one or more of the following: malaise, fever, headache, sore throat, cough, nausea, vomiting, diarrhoea, myalgia, chest pain, hearing loss and either a. History of contact with excreta or urine of rodents b. History of contact with a probable or confirmed Lassa fever case within a period of 21 days of onset of symptoms OR Any person with inexplicable bleeding/hemorrhagia.

<sup>ii</sup>Any suspected case with laboratory confirmation (positive IgM antibody, PCR or virus isolation)

<sup>iii</sup>Any suspected case (see definition above) who died without collection of specimen for laboratory testing

<sup>iv</sup> "Active" means where there has been at least one confirmed case, and contacts within 21 days post exposure

+Edo state data validation revealed 2 additional retrospective cases in week 10

\* Nine retrospective health care workers infection from both public and private health facilities reported from Edo state and one from Taraba state