

# SITUATION REPORT

## Nigeria Centre For Disease Control (NCDC)

www.ncdc.gov.ng

PLOT 800 EBITU UKIWE STREET, JABI ABUJA, NIGERIA. TOLL FREE CALL: 0800-970000-10. E: info@ncdc.gov.ng

@NCDCgov

<b>TITLE:</b>	<b>2018 LASSA FEVER OUTBREAK IN NIGERIA</b>
<b>SERIAL NUMBER:</b>	<b>31</b>
<b>EPI-WEEK:</b>	<b>31</b>
<b>DATE:</b>	<b>5<sup>th</sup> August 2018</b>

### HIGHLIGHTS

- In the reporting Week 31 (July 30-August 5, 2018) nine new confirmed<sup>i</sup> cases were reported from Edo(7), Ondo(1) and Enugu(1) with two new deaths from Edo(1) and Enugu (1)
- Enugu state recorded the first confirmed case in the state since the beginning of the outbreak with death in the confirmed case
- From 1<sup>st</sup> January to 5<sup>th</sup> August 2018, a total of 2334 **suspected<sup>i</sup> cases** have been reported from 22 states. Of these, **481 were confirmed positive, 10 are probable, 1844 negative** (not a case)
- Since the onset of the 2018 outbreak, there have been 123 deaths in confirmed cases and 10 in probable cases. Case Fatality Rate in confirmed cases is 25.6% -*Table 1*
- 22 states have recorded at least one confirmed case across 72 Local Government Areas (Edo, Ondo, Bauchi, Nasarawa, Ebonyi, Anambra, Benue, Kogi, Imo, Plateau, Lagos, Taraba, Delta, Osun, Rivers, FCT, Gombe, Ekiti, Kaduna, Abia, Adamawa and Enugu – the new addition). **Nineteen** states have exited the active phase of the outbreak while **three**- Edo Ondo and Enugu states remain active<sup>iv</sup> -*Table 1/ Figure 1*
- In the reporting week 31, no new healthcare worker was infected. **Thirty-nine health care workers have been affected since the onset of the outbreak in seven states** –Ebonyi (16), Edo (14), Ondo (4), Kogi (2), Nasarawa (1), Taraba (1) and Abia (1) with ten deaths in Ebonyi (6), Kogi (1), Abia (1), Ondo (1) and Edo (1)
- 82% of all confirmed cases are from Edo (44%), Ondo (24%) and Ebonyi (14%) states
- Ten patients are currently being managed at treatment Centres – Seven at Irrua Specialist Teaching Hospital (ISTH) and three at the Federal Medical Centre Owo treatment Centre - Table 1
- A total of **6383** contacts have been identified from 22 states. Of these 439(6.9%) are currently being followed up, 5846 (91.6%) have completed 21 days follow up while 10(0.2%) were lost to follow up. 88 (1.4%) symptomatic contacts have been identified, of which **30 (34%)** have tested positive from five states (Edo-14, Ondo-8, Ebonyi-3, Kogi -3 Bauchi-1 and Adamawa-1) - *Table 1*
- National Rapid Response Team (NCDC staff and NFELTP residents) deployed to Enugu state
- Lassa fever national multi-partner, multi-agency Technical Working Group(TWG) continues to coordinate response activities at all levels



**Table 1: National Lassa fever Outbreak Summary Table**

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

Description	Edo	Ondo	Bauchi	Plateau	Nasarawa	Ebonyi	Anambra	Benue	Kogi	Lagos	Imo	Taraba	Delta	Osun	Rivers	FCT	Gombe	Ekiti	Kaduna	Abia	Adamawa	Enugu	TOTAL	
<b>Cases</b>																								
New laboratory confirmed	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9
HCW affected	14	4	0	0	1	16	0	0	2	0	0	1	0	0	0	0	0	0	0	1	0	0	39	
Probable Cases	0	1	0	0	0	4	0	1	2	0	0	0	0	0	0	0	0	0	0	1	1	0	10	
<b>Total laboratory confirmed</b>	<b>215</b>	<b>113</b>	<b>10</b>	<b>11</b>	<b>3</b>	<b>65</b>	<b>4</b>	<b>1</b>	<b>11</b>	<b>1</b>	<b>4</b>	<b>21</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>481</b>	
Negative/Not a case	1165	282	50	67	35	35	4	7	16	28	11	45	4	6	8	38	14	11	4	11	2	1	1844	
<b>Total cases (confirmed + probable+ negative)</b>	<b>1380</b>	<b>396</b>	<b>60</b>	<b>78</b>	<b>38</b>	<b>104</b>	<b>8</b>	<b>9</b>	<b>29</b>	<b>29</b>	<b>15</b>	<b>66</b>	<b>11</b>	<b>8</b>	<b>9</b>	<b>41</b>	<b>16</b>	<b>13</b>	<b>5</b>	<b>13</b>	<b>5</b>	<b>1</b>	<b>2334</b>	
Total number currently in treatment facility	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
<b>Deaths</b>																								
Newly Reported	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Total deaths in Confirmed cases	34	29	5	9	2	15	2	1	4	1	1	6	3	1	1	2	2	1	1	1	1	1	123	
Total deaths in Probable cases	0	1	0	0	0	4	0	1	2	0	0	0	0	0	0	0	0	0	0	1	1	0	10	
<b>Case Fatality Rate in Confirmed cases</b>	<b>15.8</b>	<b>25.7</b>	<b>50</b>	<b>82</b>	<b>67</b>	<b>23</b>	<b>50</b>	<b>100</b>	<b>36</b>	<b>100</b>	<b>25</b>	<b>29</b>	<b>43</b>	<b>50</b>	<b>100</b>	<b>67</b>	<b>100</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>50</b>	<b>100</b>	<b>25.6</b>	
<b>Contacts</b>																								
Cumulative contacts listed	2388	1776	179	173	27	473	110	8	302	60	60	47	68	60	60	159	88	34	31	83	125	72	6383	
Contacts currently under follow up	193	174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	439	
Contacts who completed 21 days FU	2128	1593	176	172	27	471	110	8	293	60	60	47	68	59	60	159	88	34	31	82	120	0	5846	

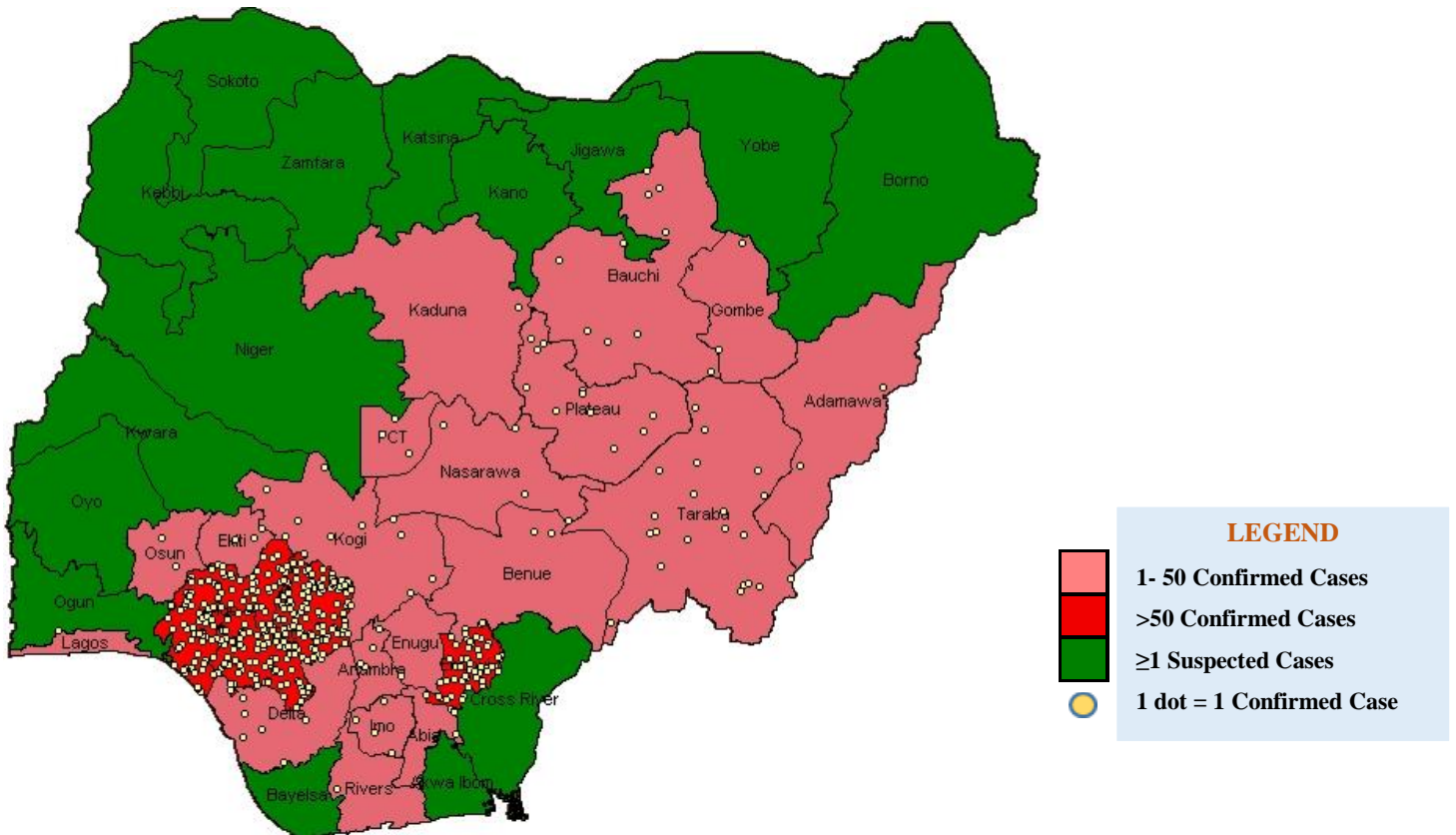


Figure 1. Distribution of Confirmed Lassa Fever cases in Nigeria as at 5<sup>th</sup> August, 2018

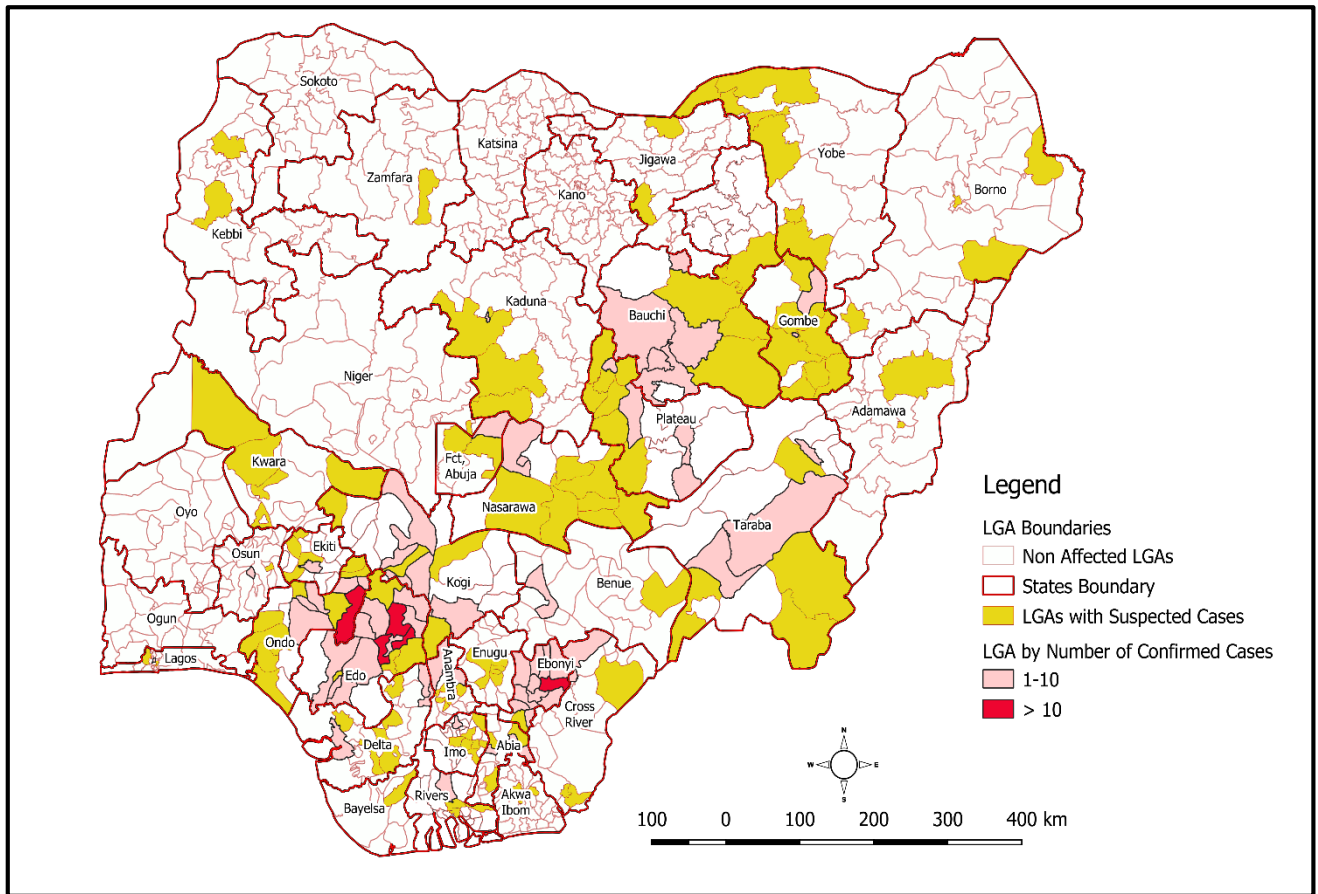


Figure 2. Distribution of Suspected and Confirmed Lassa Fever cases in Nigeria by LGA

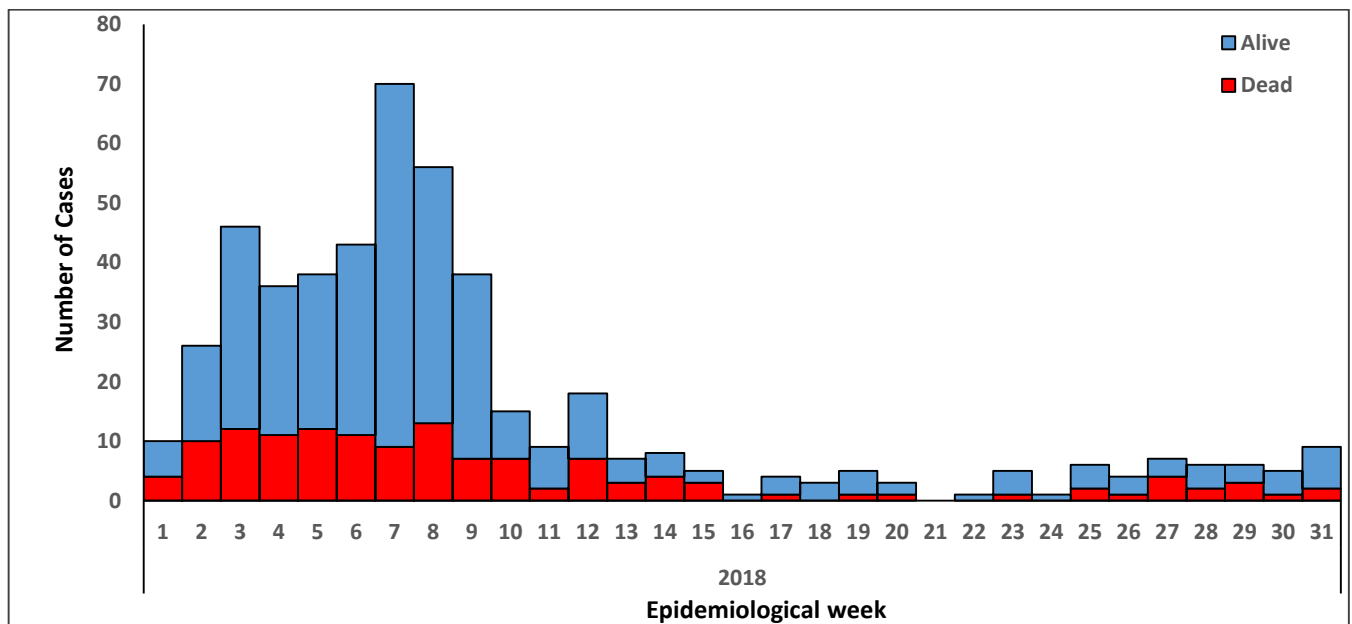


Figure 3. Epicurve of Lassa fever Confirmed (481) and Probable (10) Cases in Nigeria week 1- 31, 2018

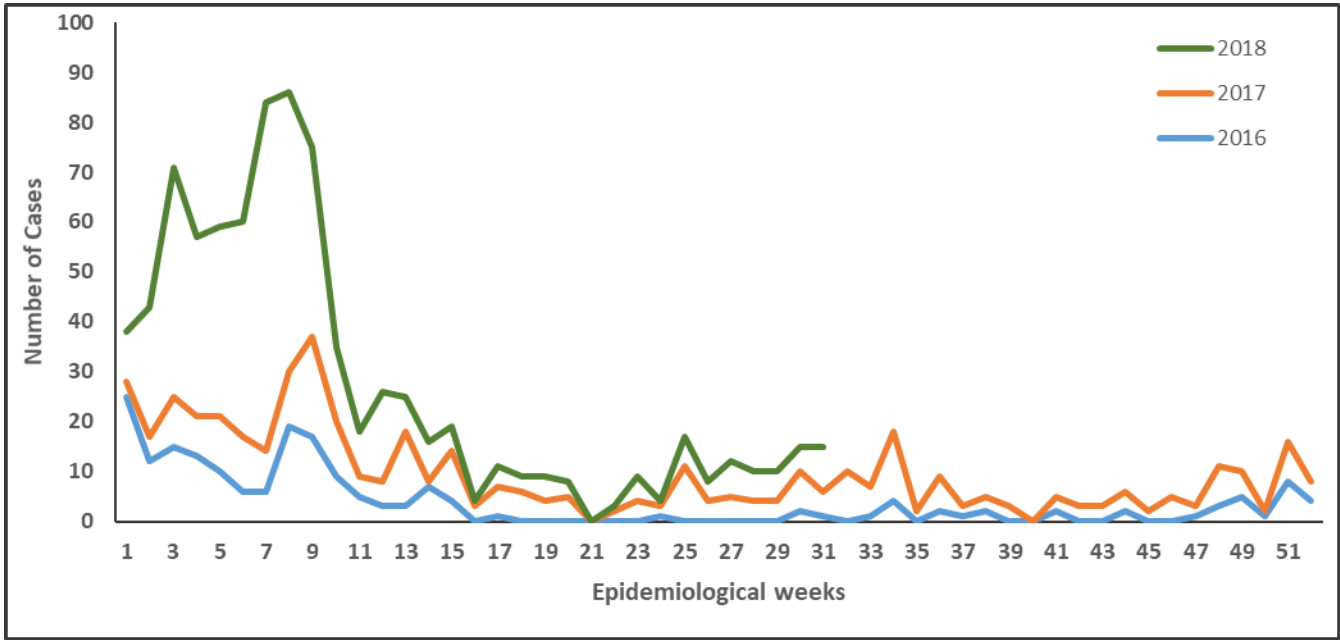


Figure 4. Weekly trends of Lassa fever Confirmed Cases in Nigeria, 2016-2018 (Week 31)

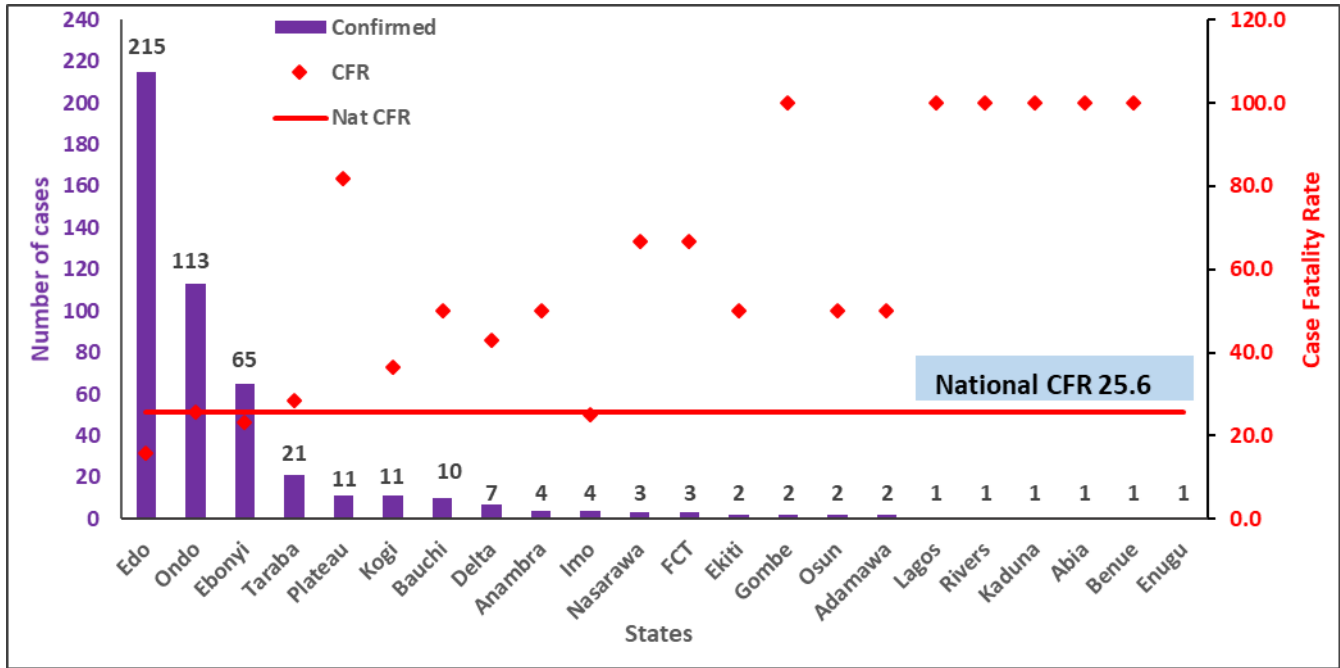


Figure 5. Confirmed Lassa fever cases in Nigeria with state specific Case Fatality Rates (CFR) as at 5<sup>th</sup> August, 2018

## Response Activities

---

### Coordination:

- Lassa fever Technical Working Group(TWG) continues to coordinate the response activities at all levels with MDAs (Federal Ministry of Agriculture and Rural Development and Federal Ministry of Environment) and Partners (WHO, CDC, UMB, AFENET, MSF, ALIMA, UNICEF, eHealth Africa, BNI, IRC, UK-PHRST, RKI, ACDC, ECHO and World Bank)

### Case management, Infection Prevention and control and Safe burial

- Designated treatment/isolation centres continue to manage cases across the country

### Surveillance

- Enhanced surveillance scaled up across the country
- Ongoing update of the Case Investigation Form (CIF) database with new forms received from states

### Laboratory

- Harmonisation of laboratory and surveillance data ongoing

### Risk communication

- Media engagements: Ongoing social media messages on Lassa Fever prevention
- Developed and shared infographics for Lassa fever SitRep via NCDC's website and other platforms

### Logistics

- Response commodities -PPEs, Ribavirin (injection and tablets), beds, Tents, body-bags, thermometers, hypochlorite hand sanitizers, IEC materials, guidelines and SOPs distributed across 36 states and FCT, treatment centres and military barracks

## Challenges

---

- Poor environmental sanitation conditions observed in high burden communities

## Next steps

---

- Follow-up with states on the retrieval of CIFs, weekly summary table and updated line lists
- Continuous harmonisation of laboratory and surveillance data
- Visit to Edo State MOH and Irrua) to assess the LF situation, utilisation of supplies from NCDC and conduct advocacy for procurement of Ribavirin by the state MOH
- Advocacy visit by Research team to the 3 main LF treatment centres to discuss the formation of a Lassa fever treatment consortium.

<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

**Disclaimer – The information contained in this document is confidential, privileged and only for the intended recipient and may not be used, published or redistributed to the public. A redacted version is available on**

**<http://ncdc.gov.ng/diseases/sitreps>**

