

SITUATION REPORT

Nigeria Centre For Disease Control (NCDC)

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TITLE:	2018 LASSA FEVER OUTBREAK IN NIGERIA
SERIAL NUMBER:	02
EPI-WEEK:	02
DATE:	14 January, 2018

HIGHLIGHTS

- In the reporting Week 02 (January 08-14, 2018) twenty-four (24) new suspectedⁱ cases were reported from Ondo (17), Nasarawa (4) and Bauchi (3) States.
- Seventeen (17) new confirmedⁱⁱ cases were recorded from four States, Ondo (8) Edo (4) Ebonyi (4) and Anambra (1) with 3 deaths in Ebonyi among Health Care workers.
- From 1st – 14th January 2018, a total of fifty-six (56) suspected and twenty-two (22) confirmedⁱⁱ cases with 3 deaths have been reported from six States -Bauchi, Edo, Ondo, Nasarawa, Ebonyi and Anambra States. *Figure 1*
- Case Fatality Rate in confirmed cases is 13.6%.
- Ebonyi state recorded a cluster of infection in health workers at the Federal Teaching Hospital, Abakaliki (FETHA). Four health workers were affected as at 14th January 2018 with 3 deaths recorded (2 Doctors and 1 Nurse). One doctor undergoing treatment at Irrua.
- The outbreak is currently active^{iv} in 5 states (Edo, Ondo, Bauchi Nasarawa Ebonyi and Anambra). Plateau State has completed 42 days follow-up (two incubation periods) with no new confirmed case reported and the outbreak is over in the state
- NCDC staff and NFELTP residents (National RRT) deployed to Ebonyi state to support the state
- NCDC in collaborating with ALIMA in Edo and Ondo States for assessment of isolation Centres

Table 1: Active Outbreak Summary

Description	Completed 42 days since last confirm							week	TOTAL
	Edo	Ondo	Bauchi	Plateau	Nasarawa	Ebonyi	Anambra		
Cases									
New laboratory confirmed	4	8	0	0	0	4	1	17	
Probable Cases	0	0	0	0	0	0	0	0	
New Suspected	0	17	3	0	4	0	0	24	
Total laboratory confirmed	4	12	1	0	0	4	1	22	
Total suspected cases (including pending laboratory result and unclassified)	15	11	6	0	4	0	0	36	
Total cases reported (confirmed + probable+ suspected)	19	22	6	0	4	4	1	56	
Total number currently in treatment facility				0	0	1		1	
Deaths									
Newly Reported	0	0	0	0	0	3	0	3	
Total deaths in confirmed cases	0	0	0	0	0	3	0	3	
Total Deaths in probable cases	0	0	0	0	0	0	0	0	
Total deaths in suspected cases	0	0	0	0	0	0	0	0	
Total Deaths	0	0	0	0	0	3	0	3	

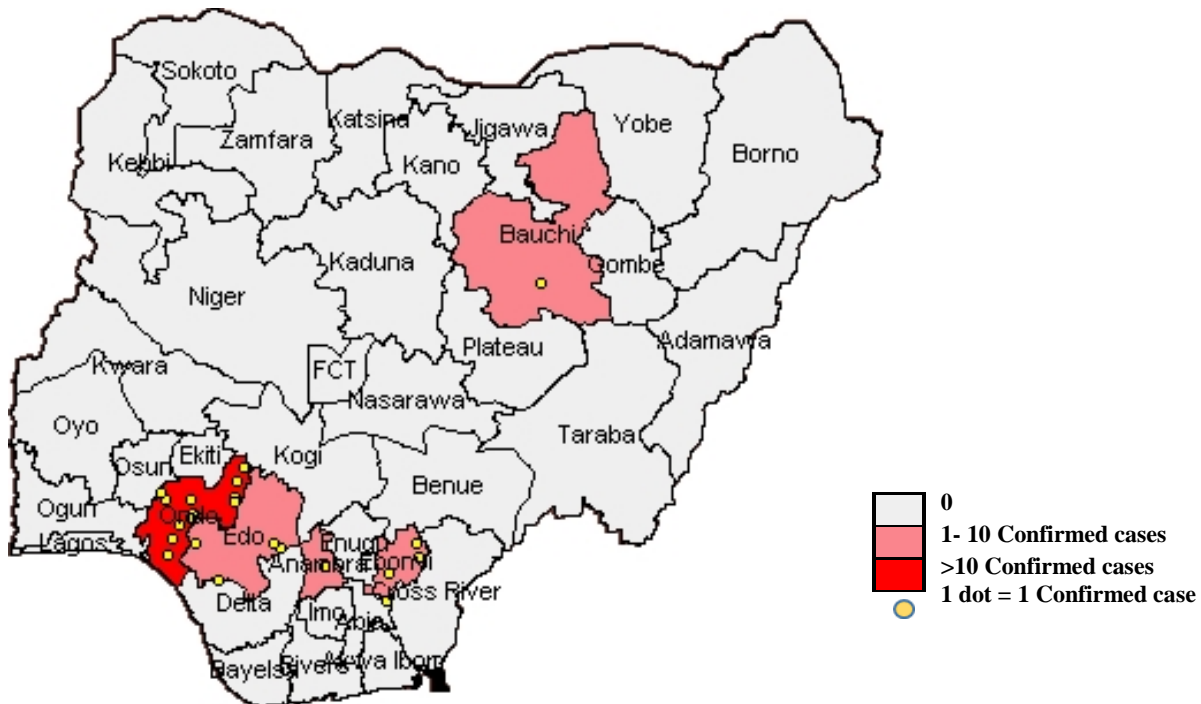


Figure 1. Distribution of Confirmed Lassa Fever cases in Nigeria as at 14th January, 2018

Response

Coordination

- NCDC Lassa fever response working group is leading coordination of weekly Lassa fever review meeting in conjunction with MDAs (FMARD and FMoE) and partners (WHO, CDC, UMB, AFENET, and MSF)
- Team consisting of NCDC staff and Nfeltp residents deployed to respond to Ebonyi Outbreak
- NCDC in collaborating with ALIMA in Edo and Ondo States for assessment of isolation Centre and states' level of preparedness for 2018 outbreak

Case management, Infection Prevention and control

- Confirmed cases are being treated at identified treatment/isolation centres across the states with Ribavirin and necessary supportive management also instituted. Every state should have identified an isolation unit.

Surveillance

- Contact tracing and enhanced surveillance ongoing in affected states with an active outbreak through the State Surveillance Team
- Line listing of cases reported across all the states is ongoing, updated per time and uploaded on the VHF management system

Research and development

- Plans in collaboration with WHO to conduct seroprevalence survey and research to develop rapid test kit for diagnosis of LF

Actions

- Assessment of isolation centres in Nigeria ongoing
- Plans to conduct rapid assessment and intervention for high burden states- Edo and Ondo
- Plans to deploy outbreak data management tool –Surveillance, Outbreak Response, Management and Analysis System (SORMAS)– to affected states
- Follow up with Ondo and Edo States for retrieval of the new confirmed cases in VHF investigation form.
- Follow up with states to retrieve the line list of all 2017 Lassa fever cases
- Harmonization of Laboratory data with surveillance data ongoing
- Report of the 2016/2017 Lassa fever season

Challenges

- States not responding to submission of completed VHF forms and line list
- Twenty six states plus FCT yet to submit LF preparedness checklist

ⁱSuspected 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.

ⁱⁱAny suspected case with laboratory confirmation (positive IgM antibody, PCR or virus isolation).

ⁱⁱⁱAny suspected case (see definition above) but who died without collection of specimen for laboratory testing

^{iv} “Active” means where there has been at least one confirmed case, and contacts within 21 days post exposure

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