



Highlights/key priorities

- In the current Lassa Fever outbreak, nineteen (19) States (Ogun, Bauchi, Plateau, Ebonyi, Ondo, Edo, Taraba, Nasarawa, Rivers, Kaduna, Gombe, Cross-River, Borno, Kano, Kogi, Enugu, Anambra, Lagos and Kwara) have reported at least one confirmed case – *Figure 1*
- As at week 43 (October 21-27, 2017), the outbreak is activeⁱ in 5 states (Ondo, Edo, Lagos, Plateau and Bauchi). Kogi state has completed 42 days follow up (2 incubation periods) with no new confirmed case reported and the outbreak is over in the state. Bauchi state reported a confirmed case this week. This brings the state back into the active outbreak category.
- Since the onset of LF outbreak in Dec. 2016 (Week 49), a total of 908 suspectedⁱⁱ cases and 121 deaths have been reported. Of these, two hundred and eighty seven cases (287) have been classified as: confirmedⁱⁱⁱ (273) or probable^{iv} (14), with 89 deaths (75 deaths in confirmed and 14 in probable).
- Case Fatality Rate in confirmed and probable cases is 31% and 13.3% for all cases (including probable, confirmed and suspected).
- In the reporting Week 43 (October 21-27, 2017), five (5) new suspected cases were reported from Bauchi State. Three (3) new confirmed cases were reported from Edo (1) Ondo (1) and Bauchi (1) States. A death was recorded in the confirmed case in Bauchi State.
- There are 5(pending) results from Bauchi state.

Outbreak summary

Completed 42 days since last confirmed case No report received for current week

Description	Ogun	Taraba	Rivers	Nasarawa	Edo	Ondo	Bauchi	Ebonyi	Plateau	Kaduna	Gombe	Cross-River	Borno	Kano	Kogi	Enugu	Anambra	Lagos	Kwara	TOTAL
1 Cases																				
2 New laboratory confirmed	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	3
3 Probable Cases	3	3	0	1	0	0	0	0	0	1	0	0	0	6	0	0	0	0	0	14
4 New Suspected	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5
5 Rumour under investigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total laboratory confirmed	7	24	2	14	102	59	9	5	20	3	1	2	1	7	2	1	1	11	2	273
7 Total suspected cases (including pending laboratory result and unclassified)	22	35	9	24	211	148	57	3	32	2	11	2	1	14	3	0	3	12	30	619
8 Total cases reported (confirmed + probable+ suspected)	32	62	11	39	313	207	66	8	53	7	12	4	2	27	5	1	4	23	32	908
9 Total number currently in treatment facility	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
10 Deaths																				
11 Newly Reported	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
12 Total deaths in confirmed cases	2	12	0	6	17	10	5	1	8	2	1	2	0	5	1	0	1	2	0	75
13 Total Deaths in probable cases	3	3	0	1	0	0	0	0	0	1	0	0	0	6	0	0	0	0	0	14
14 Total deaths in suspected cases	0	8	0	2	0	2	11	2	3	0	0	1	0	3	0	0	0	0	0	32
15 Total Deaths	5	23	0	9	17	12	16	3	11	3	1	3	0	14	1	0	1	2	0	121

Source: NCDC Lassa Fever technical working group (as at October 27, 2017)

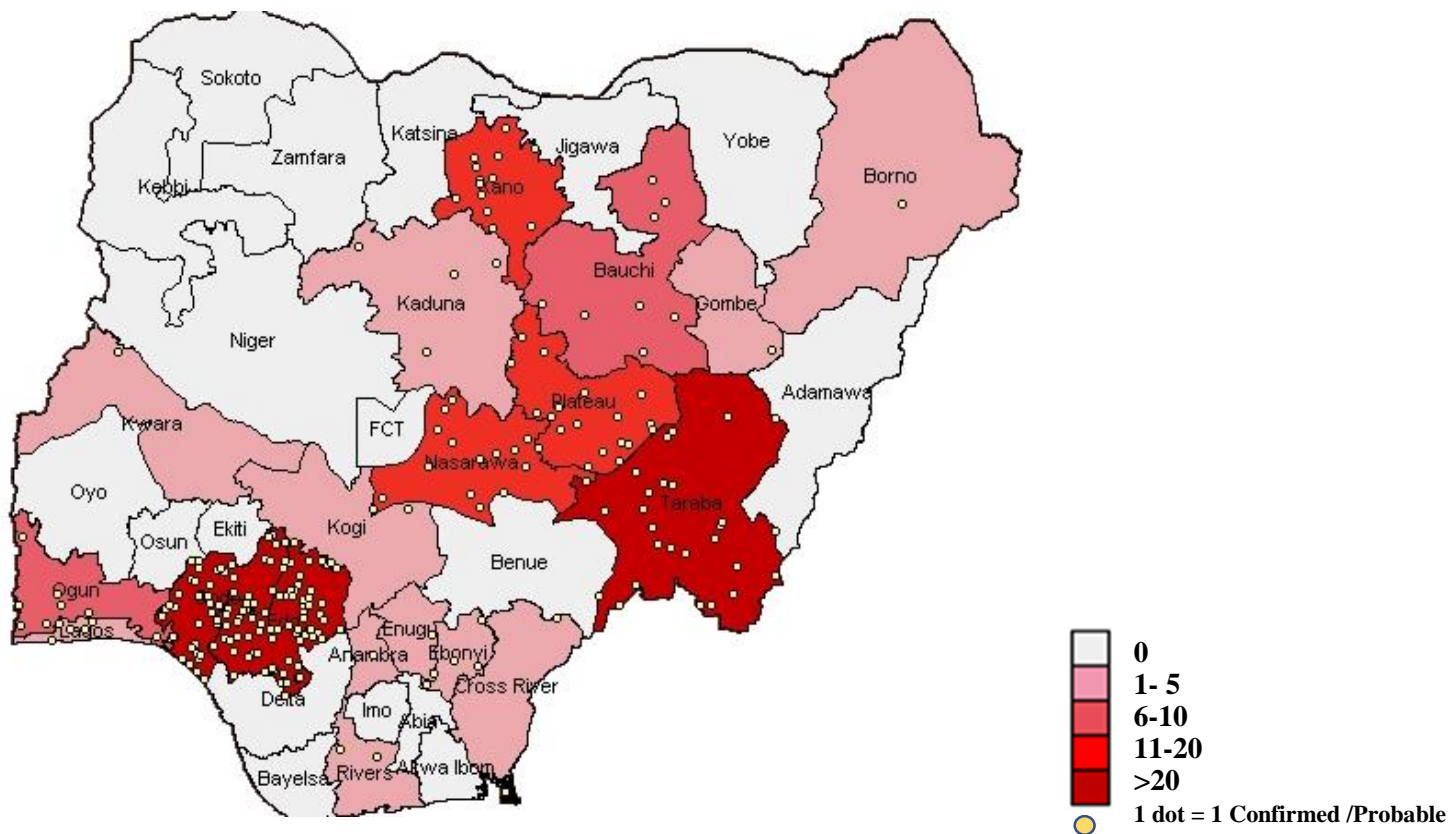


Figure 1. Distribution of Confirmed and Probable Lassa Fever cases in Nigeria as at October 27, 2017

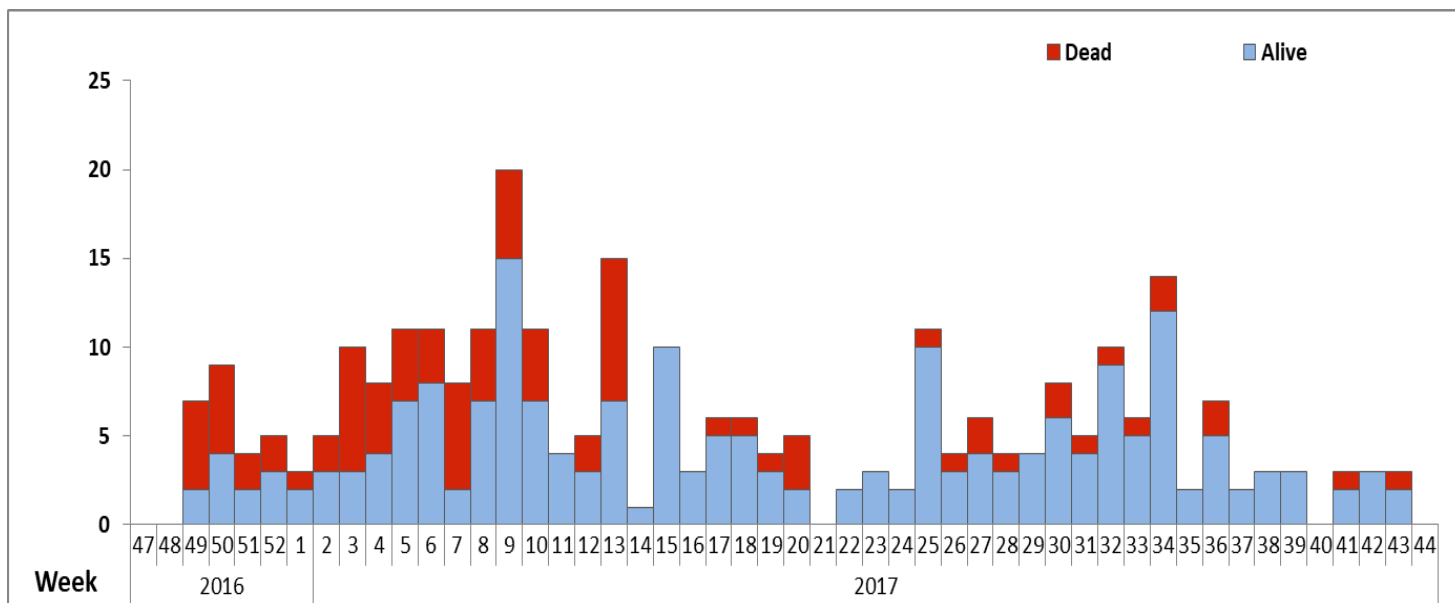


Figure 2. Confirmed and Probable Cases of Lassa fever by epidemiological week in Nigeria - Dec. 2016 to 27 Oct 2017. N = 287

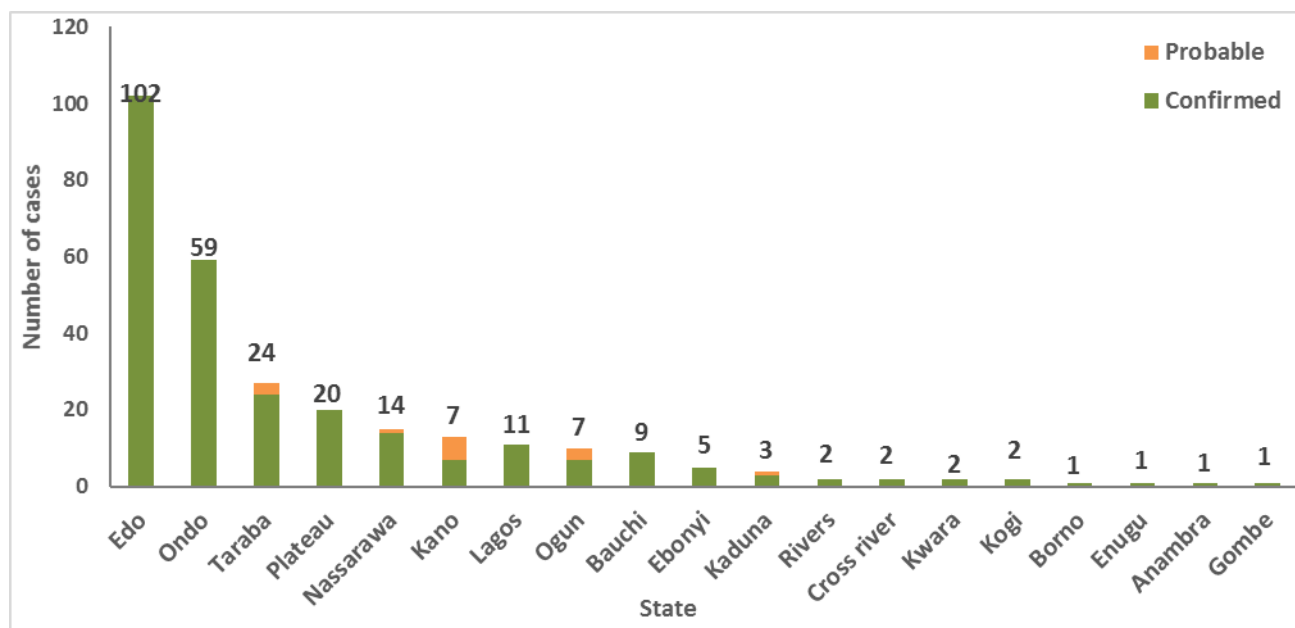


Figure 3: Confirmed and Probable cases of Lassa fever by affected states in Nigeria-Dec 2016- 27 Oct 2017

Response

Coordination

- o NCDC Lassa fever response working group is leading coordination of weekly Lassa fever review meeting in conjunction with partners (WHO, CDC, UMB, AFENET)
- o Reports shared with relevant stakeholders and also uploaded on NCDC website

Case management, Infection Prevention and control

- o Confirmed cases are being treated at identified treatment/isolation centres across the states with Ribavirin and necessary supportive management also instituted.

Surveillance

- o Contact tracing and enhanced surveillance ongoing in affected states with an active outbreak through the State Surveillance Team.
- o Line listing of cases reported across all the states is ongoing, updated per time and uploaded on the VHF management system.
- o Entries into the management system still stands at 332 from 18 states. Lagos, Kogi, Gombe and Kwara States are yet to send in completed forms for all identified cases.

Actions

- o Lassa Fever Outbreak Plan for intensified preparedness and response in 2017/2018 shared with the CEO.
- o Follow up with Gombe, Kogi, Lagos and Kwara States for retrieval of pending VHF forms
- o Data Analysis on VHF Management system has commenced.
- o Review of the variables in the VHF form
- o Follow up with States to share individual Lassa fever preparedness plans with the National
- o Visit to 3 high priority States to assess their status of preparedness
- o Strengthen capacity of NRLs to diagnose Lassa fever

ⁱ "Active" means where there has been at least one confirmed case, and contacts within 21 days post exposure

ⁱⁱ 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.

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

^{iv}Any suspected case (see definition above) but who died without collection of specimen for laboratory testing

NCDC contact - Twitter & Facebook- @NCDCgov; Toll free number – 08009700010