



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 38 (September 16-22, 2017), the outbreak is activeⁱ in 8 states (Ondo, Edo, Plateau, Lagos, Ogun, Kaduna, Kwara and Kogi). Bauchi State has completed 42 days follow-up (two incubation periods) with no new confirmed case reported and the outbreak is over in the state.
- Since the onset of LF outbreak in Dec. 2016 (Week 49), a total of 864 suspectedⁱⁱ cases and 119 deaths have been reported. Of these, two hundred and seventy five cases (275) have been classified as: confirmedⁱⁱⁱ (261) or probable^{iv} (14), with 87 deaths (73 deaths in confirmed and 14 in probable).
- Case Fatality Rate in confirmed and probable cases is 31.6% and 13.8% for all cases (including probable, confirmed and suspected).
- In the reporting Week 38 (September 16-22, 2017), Three (3) new confirmed cases were reported from Edo (2) and Ondo (1) state. One new death was recorded from Edo State in a confirmed case from the previous week. Eight new suspected cases were reported from Lagos (4), Ogun (1), Kaduna (1) and Ondo (2). Five of the suspected cases from Ogun (1) and Lagos (4) state were negative for Lassa fever.

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
Cases																				
New laboratory confirmed	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Probable Cases	3	3	0	1	0	0	0	0	0	1	0	0	0	6	0	0	0	0	0	14
New Suspected	1	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	4	0	8
Rumour under investigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total laboratory confirmed	7	24	2	14	95	57	8	5	19	3	1	2	1	7	2	1	1	10	2	261
Total suspected cases (including pending laboratory result and unclassified)	21	35	9	24	187	148	52	3	32	2	11	2	1	14	3	0	3	12	30	589
Total cases reported (confirmed + probable+ suspected)	31	62	11	39	282	205	60	8	51	6	12	4	2	27	5	1	4	22	32	864
Total number currently in treatment facility	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Deaths																				
Newly Reported	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total deaths in confirmed cases	2	12	0	6	16	10	4	1	8	2	1	2	0	5	1	0	1	2	0	73
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
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
Total Deaths	5	23	0	9	16	12	15	3	11	3	1	3	0	14	1	0	1	2	0	119

Source: NCDC Lassa Fever technical working group (as at September 22, 2017)

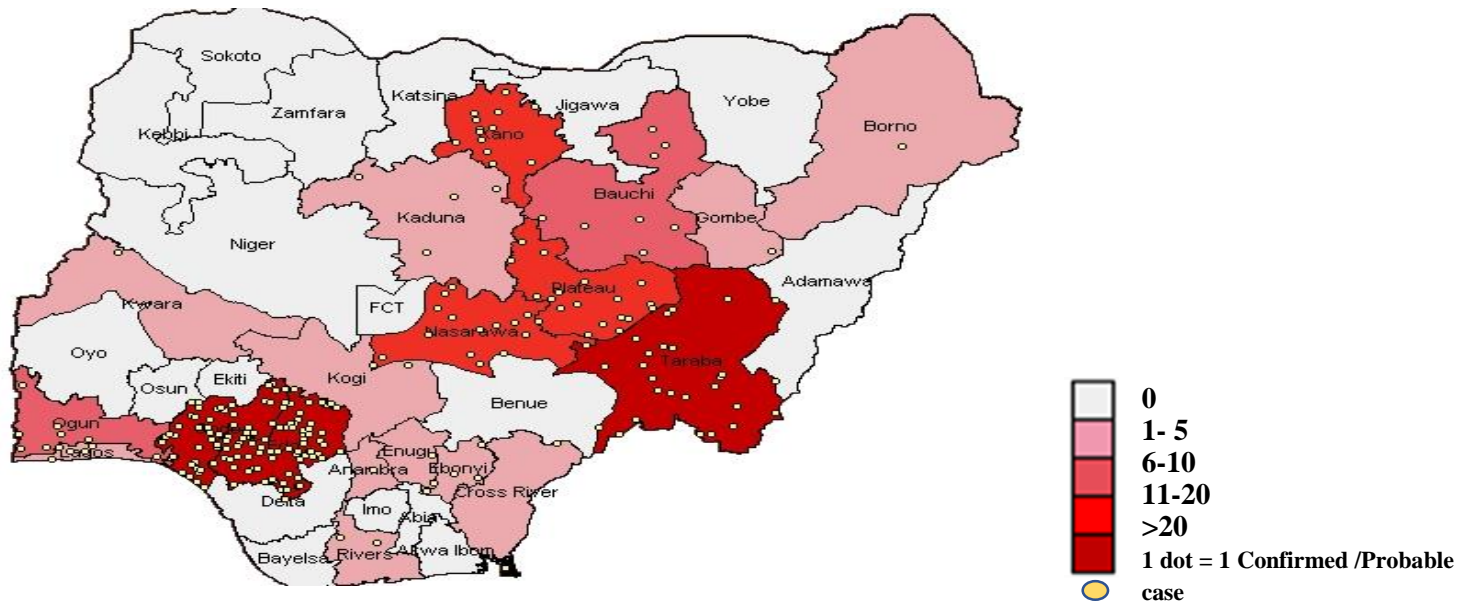


Figure 1. Distribution of Confirmed and Probable Lassa Fever cases in Nigeria as at September 22, 2017

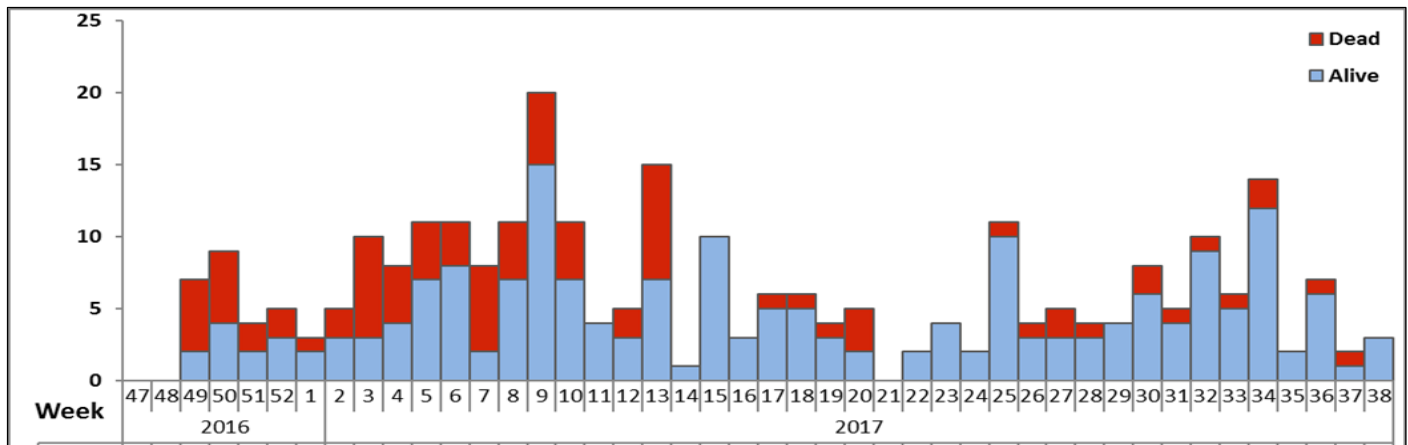


Figure 2. Confirmed and Probable Cases of Lassa fever by epidemiological week in Nigeria - Dec. 2016 to 22 Sept 2017. N = 275

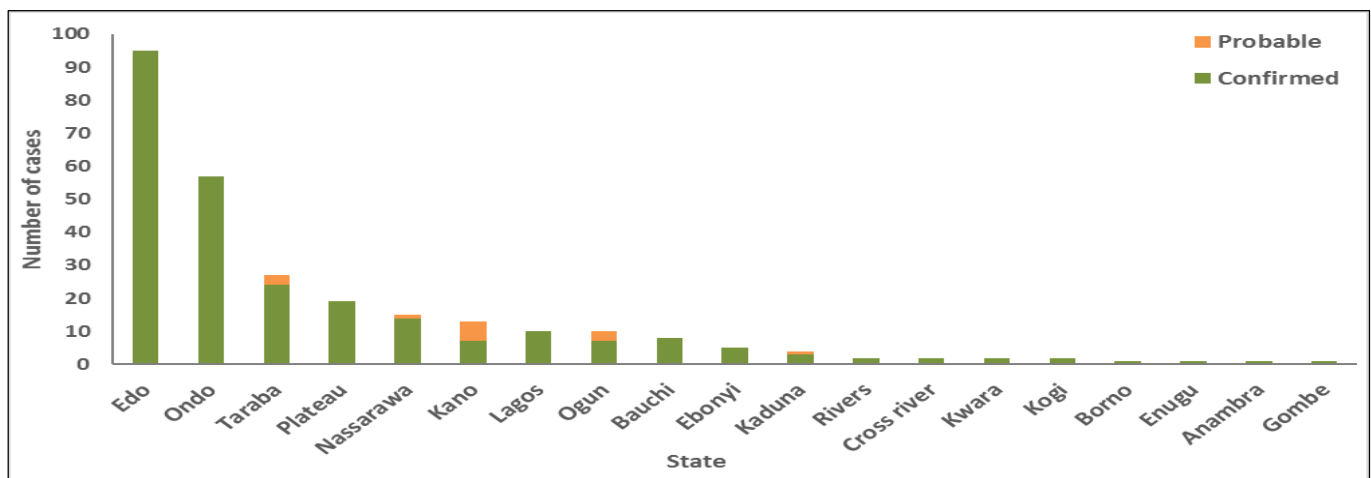


Figure 3: Confirmed and Probable cases of Lassa fever by affected states in Nigeria-Dec 2016- 22 Sept 2017

Response

Coordination

- NCDC Lassa fever response working group is leading coordination of weekly Lassa fever review meeting in conjunction with partners (WHO, CDC, UMB, AFENET)
- Reports are shared with the National Surveillance and Outbreak Response Committee weekly for prompt decisions

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.

Surveillance

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

- Follow up with Gombe, Kogi, Lagos and Kwara States for retrieval of pending VHF forms.
- Updating of VHF case-based management database and data quality checks.
- Review of the variables in the VHF form
- Distribution of 1000 printed copies of Lassa fever guidelines and SOPs to States

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.

ⁱⁱⁱ Any 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

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