



Highlights/key priorities

- In the current Lassa Fever outbreak, eighteen (18) States (Ogun, Bauchi, Plateau, Ebonyi, Ondo, Edo, Taraba, Nasarawa, Rivers, Kaduna, Gombe, Cross-River, Borno, Kano, Kogi, Enugu, Anambra and Lagos) have reported at least one confirmed case – *Figure 1*
- As at week 31 (July 29-August 4, 2017), the outbreak is activeⁱ in 5 states (Ondo, Edo, Plateau, Bauchi and Lagos). Lagos state reported a new confirmed case this week. This brings the state into the active outbreak category. Contact tracing with other public health actions have commenced in the state.
- Since the onset of LF outbreak in Dec. 2016 (Week 49), a total of 689 suspectedⁱⁱ cases and 113 deaths have been reported. Of these, two hundred and thirty one cases (231) have been classified as: confirmedⁱⁱⁱ (217) or probable^{iv} (14), with 81 deaths (67 deaths in confirmed and 14 in probable).
- Case Fatality Rate in confirmed and probable cases is 35.1% and 16.4% for all cases (including probable, confirmed and suspected).
- In the reporting Week 31 (July 29-August 4, 2017), 3 new suspected cases were reported in Plateau state. Five (5) new confirmed cases were reported in Edo (3), Ondo (1) and Lagos (1) states. One (1) death was recorded for the confirmed case reported from Lagos state. One of the pending results from Bauchi state came out negative.
- There are 5(five) pending results from Plateau (3) and Bauchi (2) states.

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	TOTAL
	1 Cases																		
2 New laboratory confirmed	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	1	5
3 Probable Cases	3	3	0	1	0	0	0	0	0	1	0	0	0	6	0	0	0	0	14
4 New Suspected	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
5 Rumour under investigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6 Total laboratory confirmed	3	24	2	14	81	46	8	5	17	2	1	2	1	7	1	1	1	1	217
7 Total suspected cases (including pending laboratory result and unclassified)	13	33	8	24	134	136	47	3	26	2	11	2	1	14	1	0	3	0	458
8 Total cases reported (confirmed + probable+ suspected)	19	60	10	39	215	182	55	8	43	5	12	4	2	27	2	1	4	1	689
9 Total number currently in treatment facility	0	0	0	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	5
10 Deaths																			
11 Newly Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
12 Total deaths in confirmed cases	2	12	0	6	15	8	4	1	8	1	1	2	0	5	0	0	1	1	67
13 Total Deaths in probable cases	3	3	0	1	0	0	0	0	0	1	0	0	0	6	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	32
15 Total Deaths	5	23	0	9	15	10	15	3	11	2	1	3	0	14	0	0	1	1	113

Source: NCDC Lassa Fever technical working group (as at August 4, 2017)

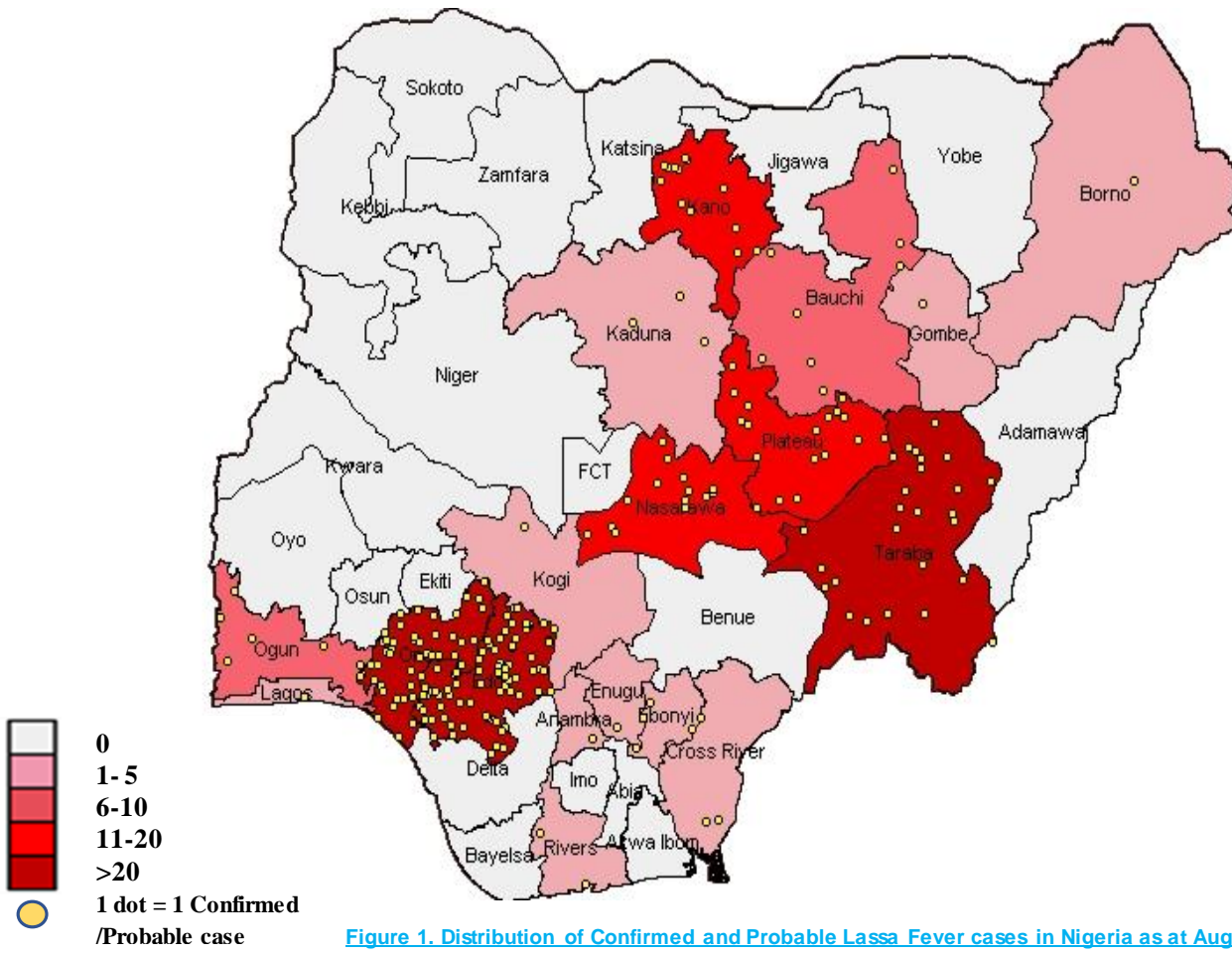


Figure 1. Distribution of Confirmed and Probable Lassa Fever cases in Nigeria as at August 4, 2017

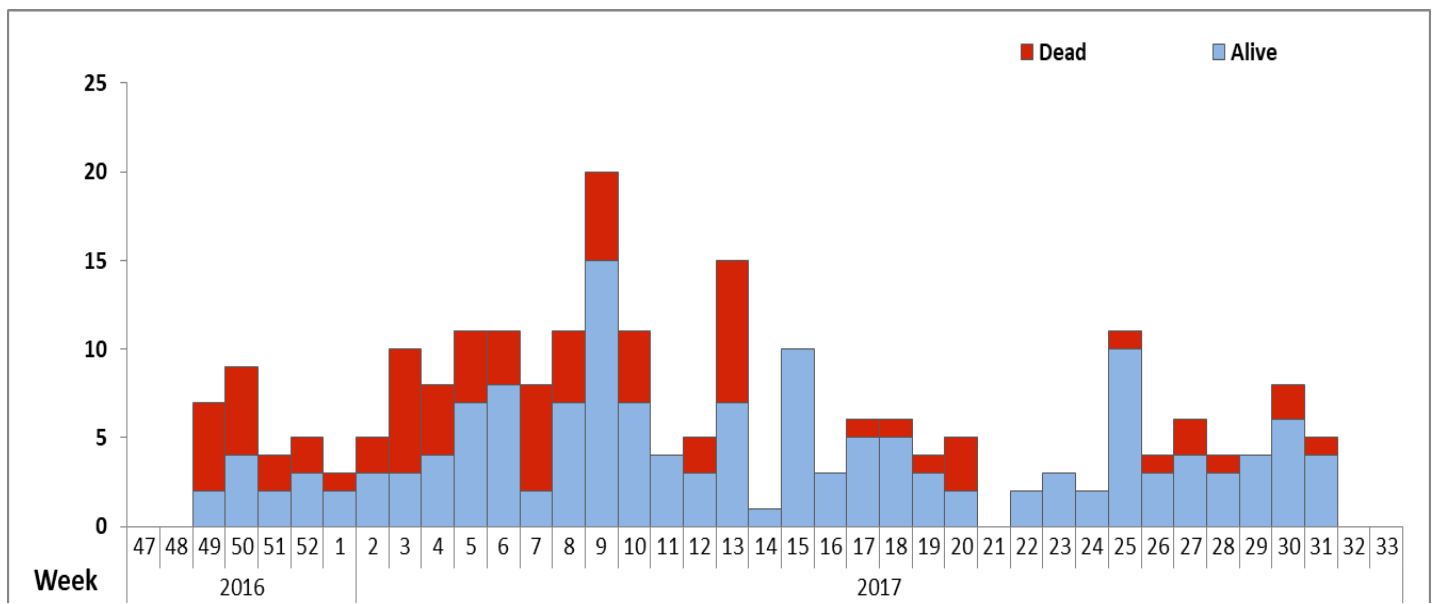


Figure 2. Confirmed and Probable Cases of Lassa fever by epidemiological week in Nigeria - Dec. 2016 to August 2017 (updated as at August 4, 2017). N = 231

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

- Lagos state reported a new confirmed case this week in the Lagos University Teaching Hospital (LUTH). So far, 90 contacts have been listed in LUTH and more are being listed in the first hospital case was admitted in.
- 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 284 from 16 states. Kano, Gombe and Kogi States are yet to send in completed forms for all identified cases. Awaiting additional forms from new cases in Edo, Ondo, Plateau and Lagos states.

Actions

- Continuation of plans for 2016/2017 National Lassa fever outbreak review and preparedness meeting.
- Follow up with Kano, Gombe, Kogi, Rivers, Plateau, Edo, Ondo and Lagos States for retrieval of pending VHF forms
- Updating of VHF case-based management database particularly for states with missing epidemiological data and data quality checks.

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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