

LASSA FEVER OUTBREAK IN NIGERIA
Daily Situation Report No.39: 16 February, 2016
Nigeria Centre for Disease Control (NCDC)

Highlights for today (16 February 2016):

- i. No new laboratory confirmed case reported today.
- ii. Eight (8) new suspected cases were reported today from Taraba (1), Kano (1) Plateau (5) and FCT (1)
- iii. One (1) suspected death reported from Plateau state.
- iv. Three (3) rumours are under investigation in Nasarawa (2) and Imo (1) states.
- v. 2 of 5 testing laboratories are currently out of stock for reagents.
- vi. The EOC surveillance team is undertaking data verification with state teams to ensure uniformity of data; one(1) positive case removed from FCT line list as the case came from Nasarawa and had been added on the Nasarawa line list
- vii. All suspected cases that tested negative have been removed from the data base. The total reported cases are now reflecting the laboratory confirmed cases and suspected cases (pending lab results and unknown)
- viii. Outbreak investigation is on-going in the states and retrospective cases which fit the standard case definition for suspected case are being updated.

Epidemiologic summary:

- **Total cases reported (suspected, probable and confirmed): 190; Total deaths (suspected, probable and confirmed): 114 (CFR: 60%)**
- **Total confirmed cases: 83; Deaths in confirmed cases: 53 (CFR: 63.9%)**
- **As at today, 20 states are currently following up contacts, or have suspected or probable cases with laboratory results pending or laboratory confirmed cases.**

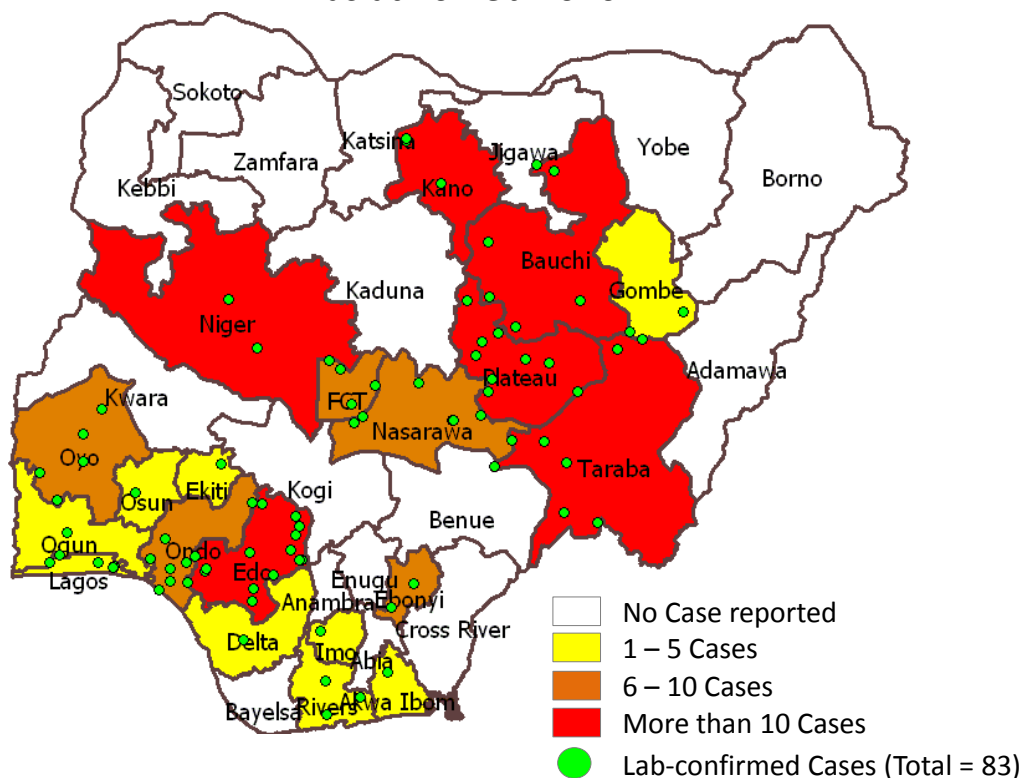
Lassa fever Outbreak summary:

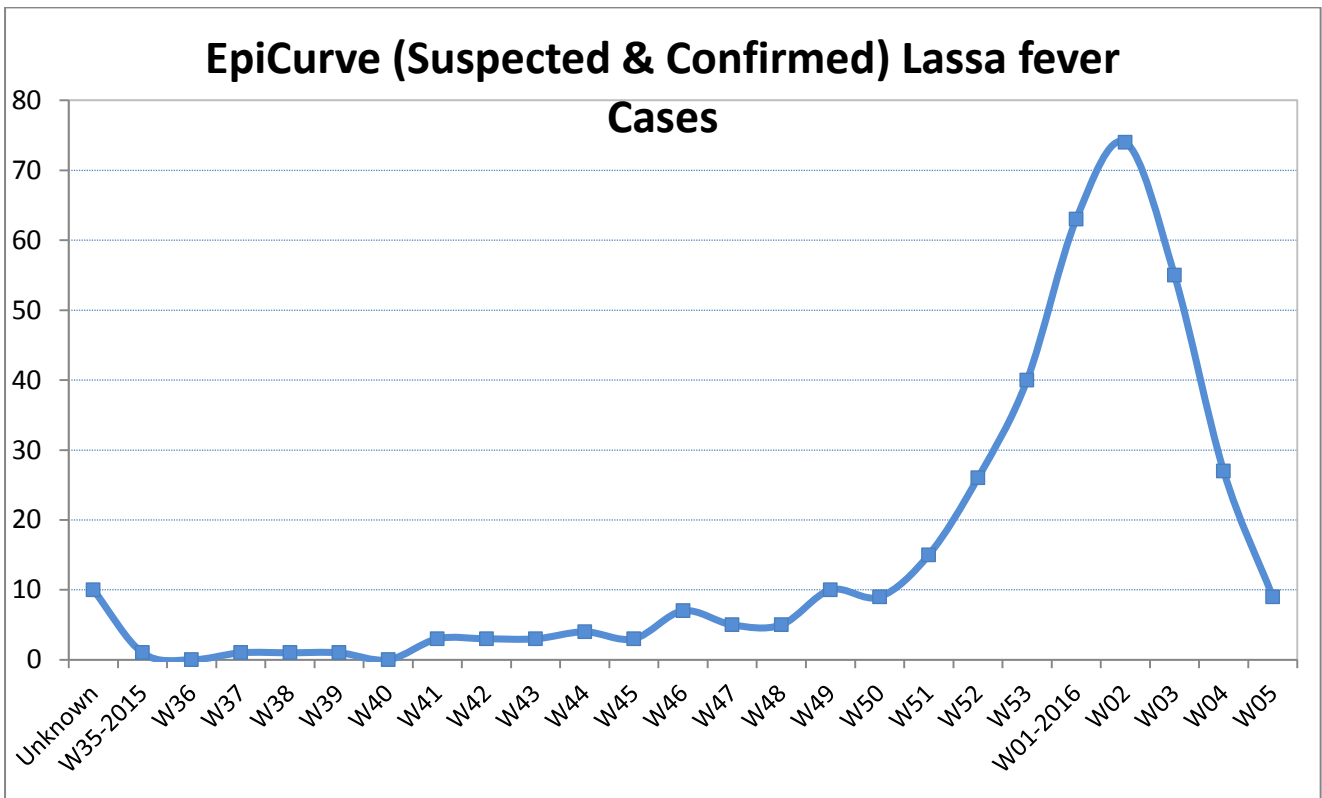
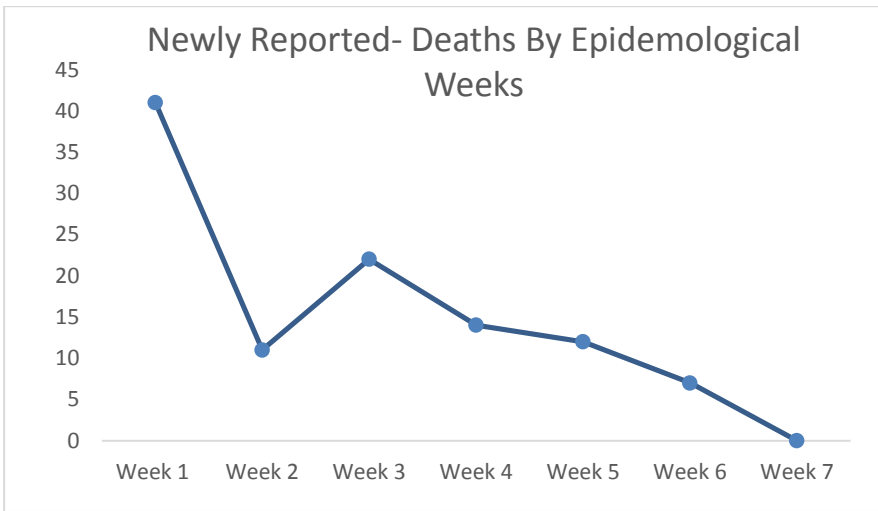
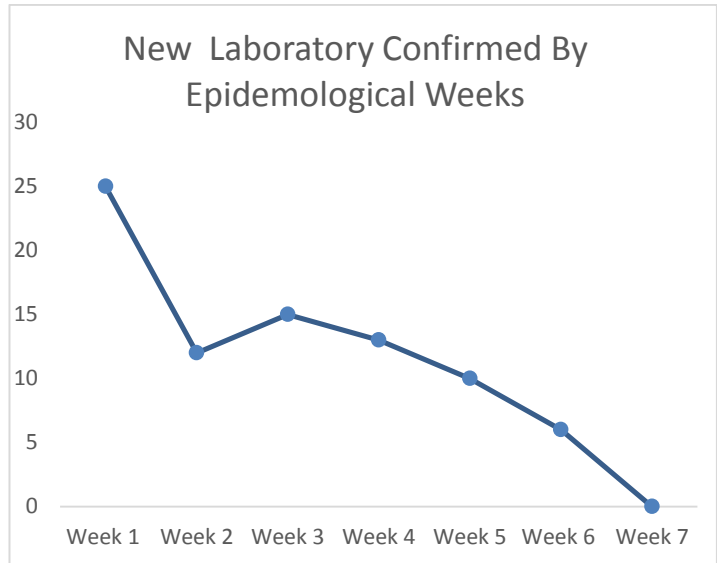
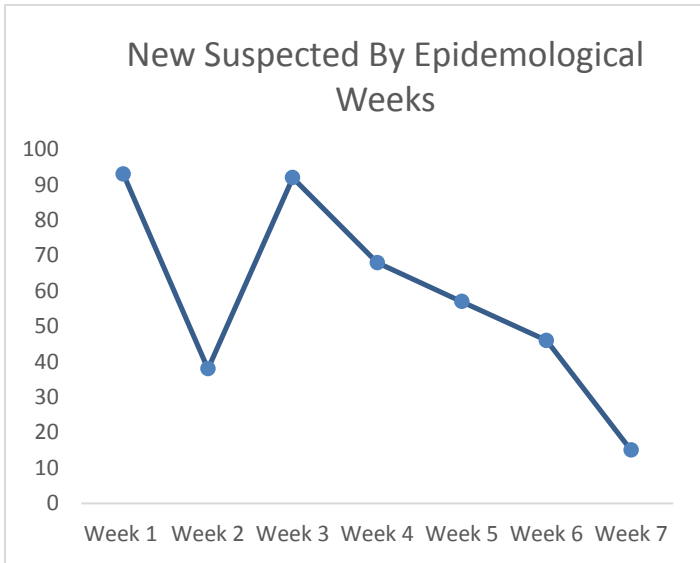
S/No.	Description	Bauchi	Niger	Taraba	Kano	Rivers	Oyo	Edo	Plateau	Nasarawa	FCT	Ondo	Delta	Ekiti	Ebonyi	Lagos	Osun	Gombe	Akwa Ibom	Imo	Ogun	TOTAL
1	Cases																					
2	New laboratory confirmed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Proable Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	New Suspected	0	0	1	1	0	0	0	5	0	1	0	0	0	0	0	0	0	0	0	0	8
5	Rumour under investigation	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	3
6	Total laboratory confirmed	7	2	7	3	3	5	15	9	7	4	7	1	1	2	4	1	1	1	1	2	83
7	Total suspected cases (including pending laboratory result and unkown)	8	35	21	15	2	4	0	5	2	4	3	1	0	5	0	0	1	1	0	0	107
8	Total cases reported (confirmed + proable+ suscep	15	37	28	18	5	9	15	14	9	8	10	2	1	7	4	1	2	2	1	2	190
9	Total number currently in treatment facility	0	1	14	3	0	0	5	0	0	3	5	0	0	0	0	0	0	3	0	1	35
10	Deaths																					
11	Newly Reported	0	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	7	0	3	3	3	3	10	5	4	3	5	1	0	1	2	1	0	1	0	1	53
13	Total Deaths in proable cases	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
14	Total deaths in suspected cases	5	19	13	11	1	2	0	1	1	1	0	1	0	4	0	0	0	1	0	0	60
15	Total Deaths	12	19	16	15	4	5	10	6	5	4	5	2	0	5	2	1	0	2	0	1	114

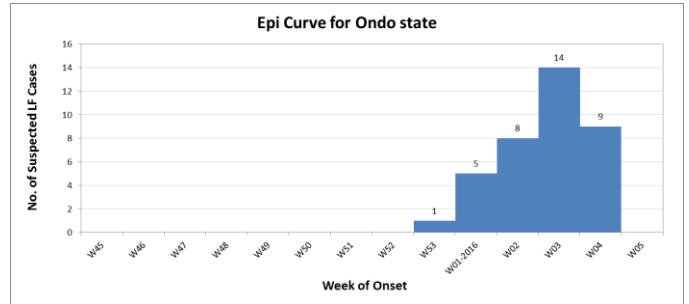
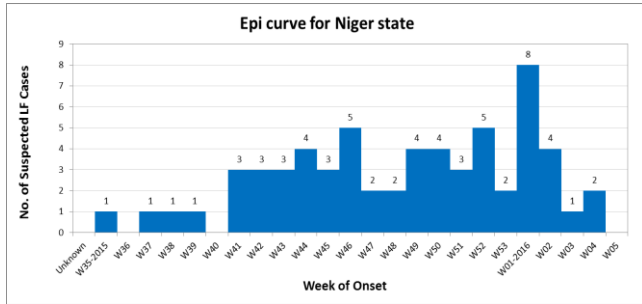
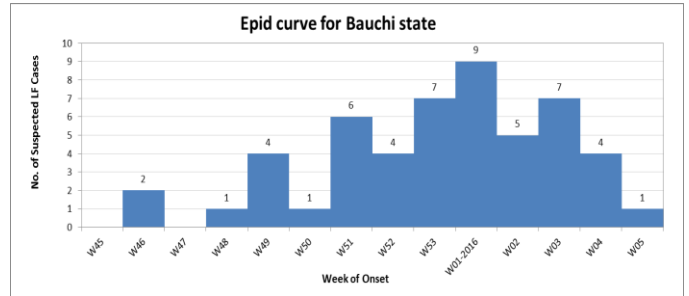
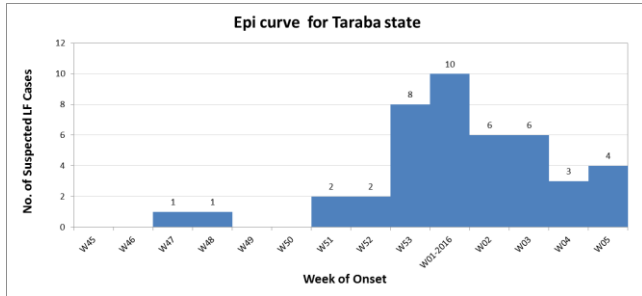
Table 1: Table showing summary of outbreak data from the states: These numbers are subject to change due to ongoing reclassification, retrospective investigation and availability of laboratory results.

Outcome of Suspected Lassa Fever Cases including Lab-Results of Samples Collected											
SN	State	Specimen Not Collected			PENDING			POSITIVE (Confirmed)			Grand Total
		Alive	Dead	Subtotal	Alive	Dead	Subtotal	Alive	Dead	Subtotal	
1	Akwa ibom					1	1		1	1	2
2	Bauchi	2	3	5	1	2	3		7	7	15
3	Delta					1	1		1	1	2
4	Ebonyi	1	4	5				1	1	2	7
5	Edo							5	10	15	15
6	Ekiti							1		1	1
7	FCT				3	1	4	1	3	4	8
8	Gombe				1		1	1		1	2
9	Kano		12	12	3		3		3	3	18
10	Lagos							2	2	4	4
11	Nasarawa		1	1	1		1	3	4	7	9
12	Niger	15	19	34	1		1	2		2	37
13	Ondo				3		3	2	5	7	10
14	Osun								1	1	1
15	Oyo				2	2	4	2	3	5	9
16	Plateau				4	1	5	4	5	9	14
17	Rivers				1	1	2		3	3	5
18	Taraba	1	3	4	7	10	17	4	3	7	28
19	Imo							1		1	1
20	Ogun							1	1	2	2
	Total	19	42	61	27	19	46	30	53	83	190

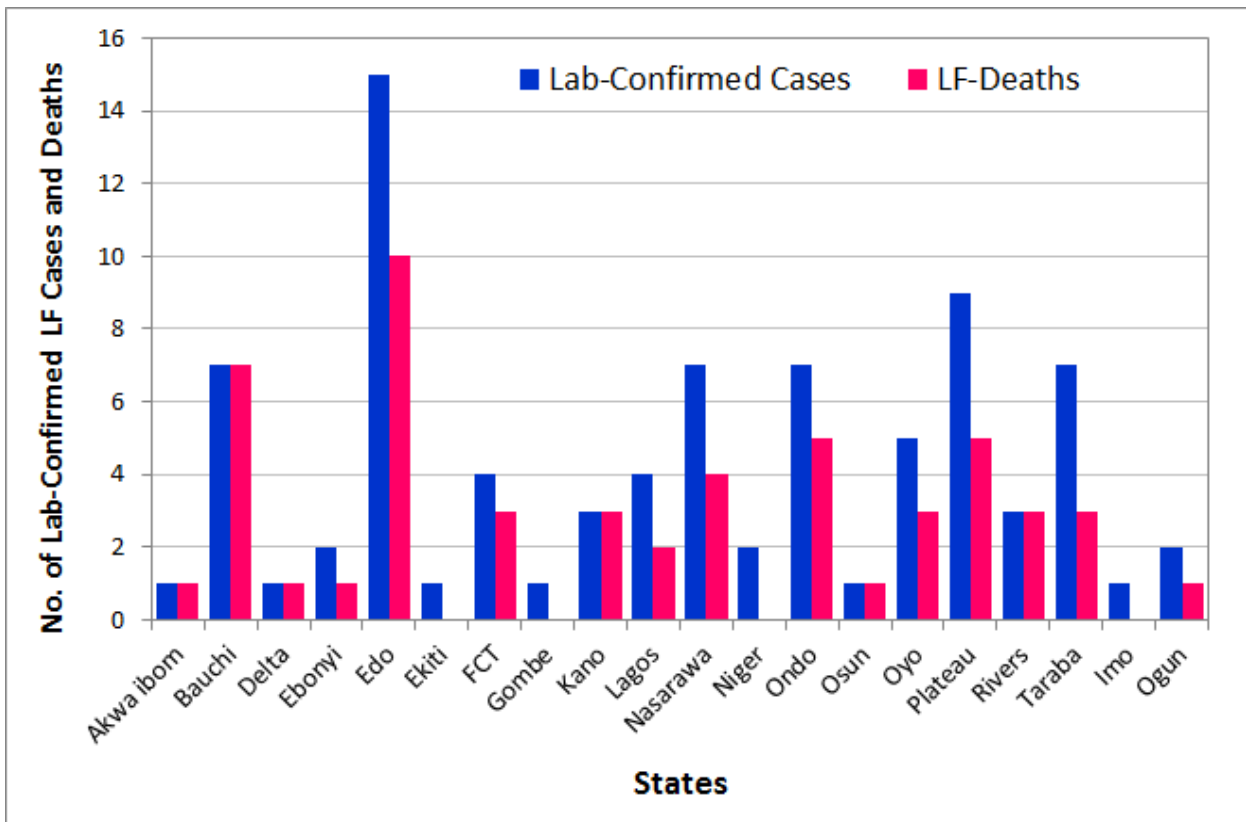
Nigeria: States with Lassa fever Cases (suspected and Lab-confirmed) as at 16-Feb-2016







Nigeria: Lab-Confirmed Lassa Fever Cases and Deaths as at 16-Feb-2016



RESPONSE:

Coordination

- ✓ NCDC/FMOH is taking leadership for coordination supported by partners
- ✓ Daily review meetings at the EOC for 4pm (general) and strategic review meeting twice weekly
- ✓ Review and standardization of SOPs
- ✓ Production of daily Situation report

Case Management and Infection Prevention and Control

- ✓ Isolation centers have been identified in most states
- ✓ Total supplies distributed as at 12th February 2016: Ribavirin – 91,750 tabs, 44,560 vials; PPEs – 1,840 pieces; Body bags – 858 pieces; 104,600 disposable gloves and hand sanitizers – 1,888 bottles
- ✓ WHO donated 7,000 vials of IV Ribavirin to NCDC
- ✓ Taraba received parenteral Ribavirin - 2000 vials, 1000 tabs; PPEs – 40 pieces; body bags – 15 pieces; and disposable gloves – 1000 pieces
- ✓ Ongoing review of high CFR by state to generate possible hypotheses for further investigation.

Surveillance

- ✓ Inter-state border surveillance is currently ongoing with optimal communication between state epidemiologists in Nasarawa and Plateau; Kano and Benue states.
- ✓ Ogun state MOH is currently investigating a reported confirmed case that died in Benin Republic, but had been earlier admitted in the state.
- ✓ Ongoing active case search in the affected states and outbreak investigation.
- ✓ Contact tracing ongoing in affected states, 3310 contacts have completed 21 days of follow up
- ✓ Healthcare workers among the 943 currently contacts being followed up
- ✓ Clinician sensitization and training ongoing in affected states.
- ✓ As at today, 20 states are currently following up contacts, or have suspected or probable cases with laboratory results pending or laboratory confirmed cases.

Laboratory

- ✓ 5 National laboratories with PCR capability for conducting analysis of samples; 3 Labs currently out of stock of reagents. Only 2 laboratories currently running sample analysis.
- ✓ 438 samples collected, 407 samples analyzed and 84 tested positive for Lassa fever, other VHF were negative
- ✓ 31 laboratory results are pending
- ✓ Internal quality control within the testing labs: Reconfirmation of all negative samples by another lab within the network

Communication and Social Mobilization

- ✓ NCDC Call Center functional and open daily for 24 hours.
- ✓ Radio and television jingles are ongoing in the states
- ✓ Ongoing updates on the Lassa fever information website (www.lassaalert.org).
- ✓ Community health education ongoing as part of state team responses
- ✓ Communication via WhatsApp (07087110839) now available.

- ✓ Actionaid is planning a community sensitization program on Lassa fever in Ondo State for Schools, markets, motor-parks and religious homes on 10th of February 2016.

Challenges

- ✓ Coordination of laboratory network leading to delay in sending laboratory results
- ✓ Late daily reporting of cases especially from tertiary health facilities and non-reporting using the line list by 40% of the 20 affected states
- ✓ Logistics support for contact tracing in the states
- ✓ Logistics for sample transportation for prompt laboratory diagnosis
- ✓ Delayed and incomplete reporting from some states.

Next steps

- ✓ Reinforce active surveillance, contact tracing and continue outbreak investigation in all states
- ✓ Continue clinician sensitization to ensure early detection and reporting
- ✓ Continue health education and community sensitization
- ✓ Capacity building at state level for coordination, surveillance, case management and IPC, communication and social mobilization
- ✓ Coordinate laboratory network for prompt release of documented results.

*****End of Summary*****

PARTNERS: 1. WHO 2. CDC 3. AFENET 4. University of Maryland 5. UNICEF