



Lassa fever Situation Report

Epi Week 10: 7 – 13 March, 2022

Key Points

Table 1: Summary of current week (10), cumulative from Epi week 1–10, 2022 and comparison with previous year (2022)

Reporting Period	Suspected cases	Confirmed cases	Probable cases	Deaths (Confirmed cases)	Case Fatality Ratio (CFR)	States and LGAs affected (Confirmed cases)
Current week (week 10)	257	33	0	1	3.0%	State(s): 9 LGA(s): 22
2022 Cumulative (week 10)	3079	630	28	112	17.8%	State(s): 23 LGA(s): 87
2021 Cumulative (week 10)	1211	191	2	42	22.0%	State(s): 12 LGA(s): 48

Highlights

- In week 10, the number of new confirmed cases decreased from 57 in week 9, 2022 to 33 cases. These were reported from Edo, Ondo, Ebonyi, Kogi, Gombe, Nasarawa, Taraba, Bauchi and Kebbi States (Table 3)
- Cumulatively from week 1 to week 10, 2022, 112 deaths have been reported with a case fatality rate (CFR) of 17.8% which is lower than the CFR for the same period in 2021 (22.0%)
- In total for 2022, 23 States have recorded at least one confirmed case across 87 Local Government Areas (Figure 2 and 3)
- Of all confirmed cases, 70% are from Ondo (30%), Edo (24%) and Bauchi (16%) States.
- The predominant age-group affected is 21-30 years (Range: 1 to 80 years, Median Age: 30 years). The male to female ratio for confirmed cases is 1:0.8 (Figure 4)
- The number of suspected cases has increased compared to that reported for the same period in 2021
- No new Healthcare workers affected in the reporting week 10
- National Lassa fever multi-partner, multi-sectoral Emergency Coordination Centre (EOC) activated to coordinate response activities at all levels

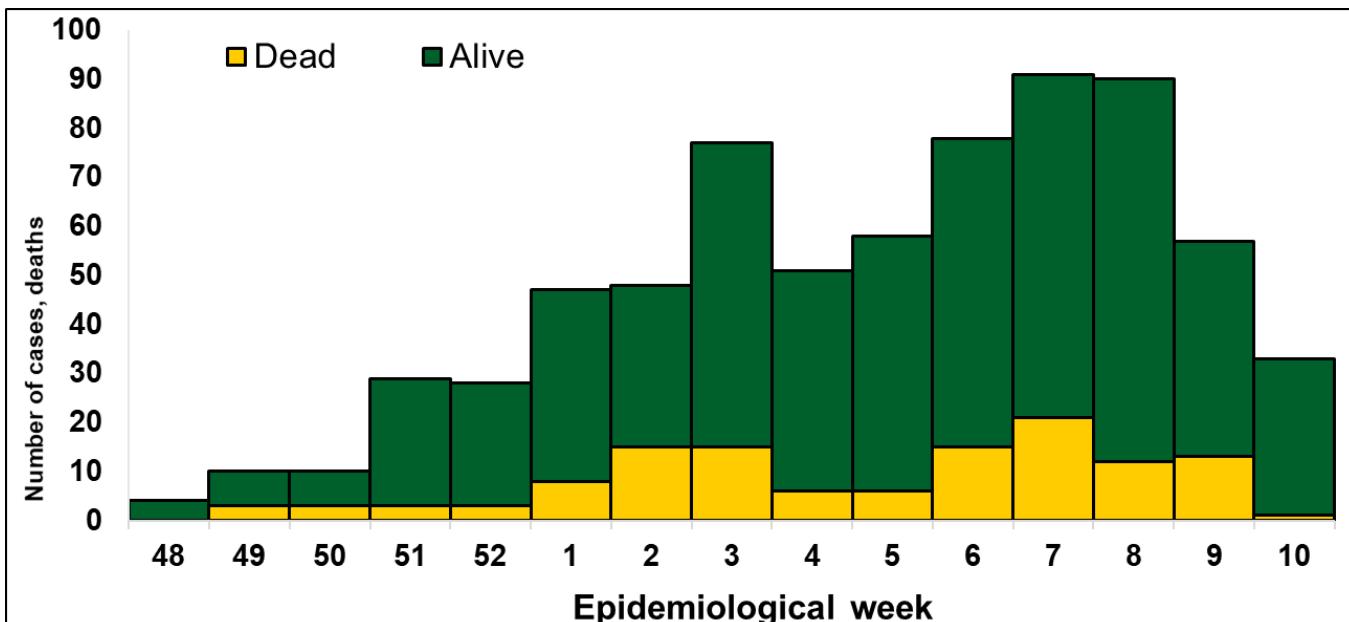


Figure 1. Epidemic curve of confirmed Lassa fever cases epidemiological week 10, 2022

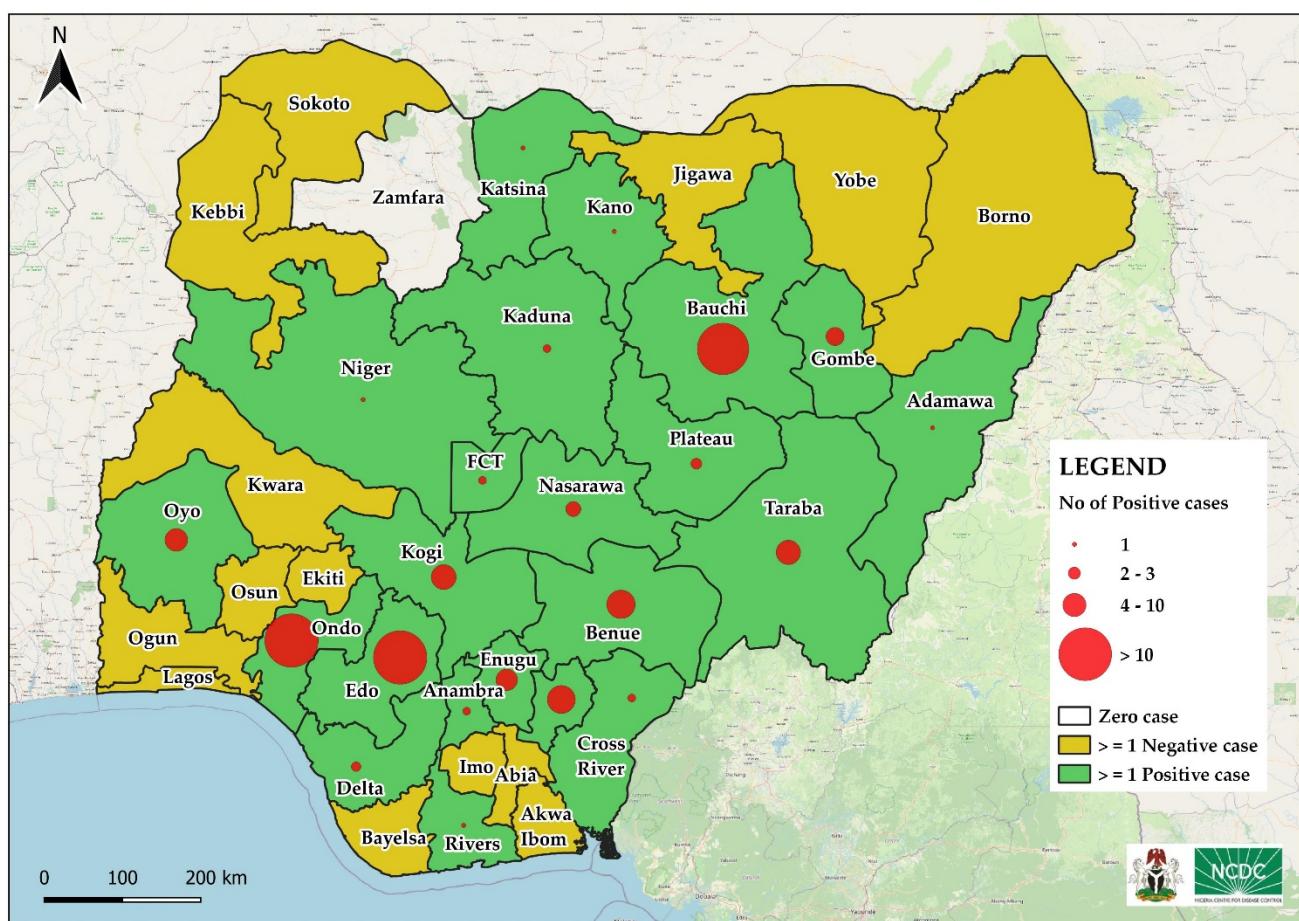


Figure 2. Confirmed Lassa fever cases by States in Nigeria, week 10, 2022

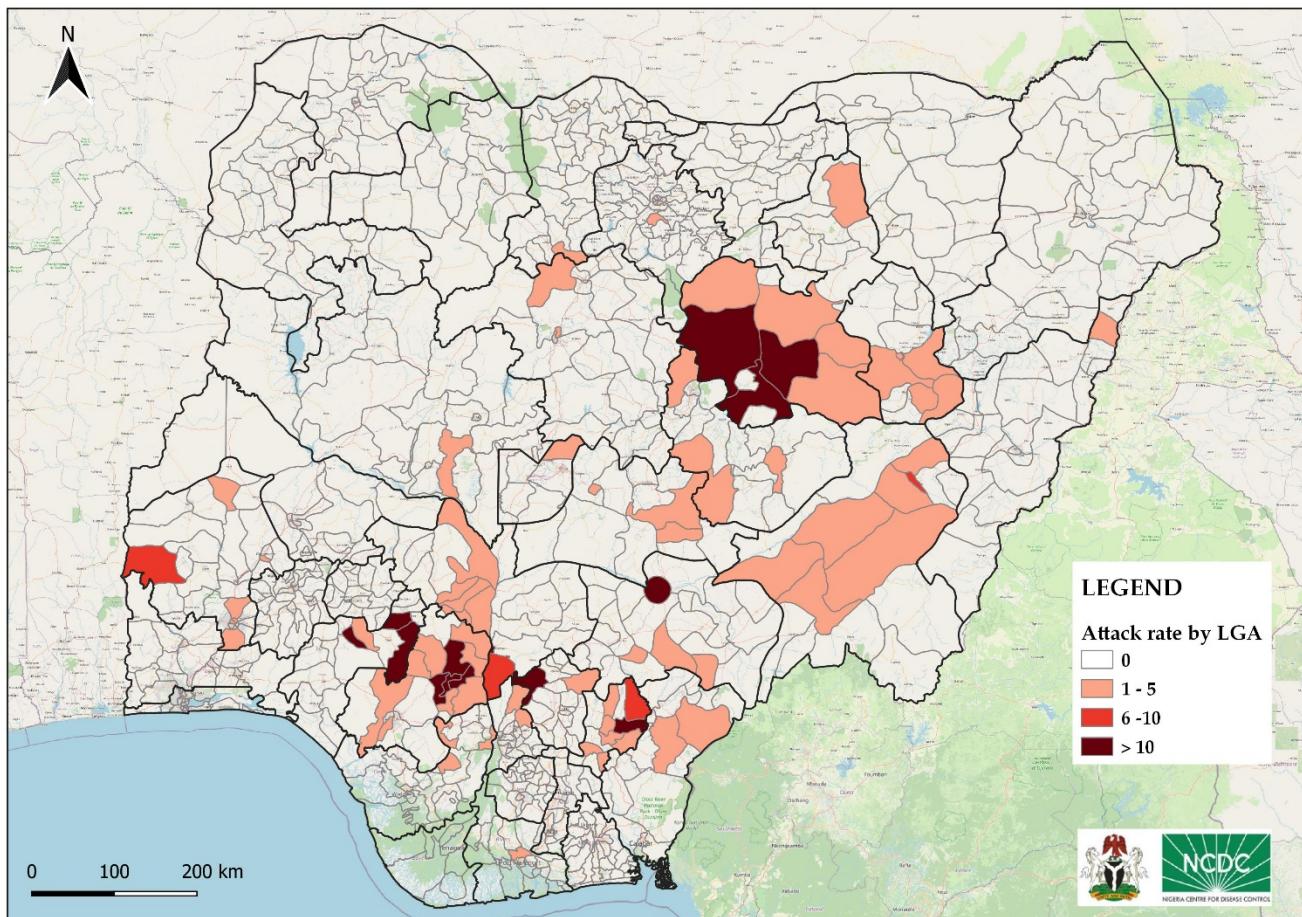


Figure 3. Confirmed Lassa fever rate per 100,000 population for LGAs in Nigeria, week 10, 2022

Indicator	Number for current week	Trend from previous week	Cumulative number for 2022
Probable cases	1	↔	28
Health Care Worker affected	5	↔ ↔	45
Cases managed at the treatment centres	33	↔	649
Contact tracing			
Cumulative contact listed	134	↔	2625
Contacts under follow up	1001	↔	1001
Contacts completed follow up	58	↔	1567
Symptomatic contacts	4	↔	74
Positive contacts	2	↔	46
Contacts lost to follow up	0	↔ ↔	11

Table 2: Key indicators for current week 2022 and trend compared to previous week, Nigeria



Increase
Decrease
No difference

States	Current week: (Week 10)						Cumulative (Week 1 - 10)				
	Cases					Deaths (Confirmed Cases)	Cases				(Confirmed Cases)
	Suspected	Confirmed	Trend	Probable	HCW *		Suspected	Confirmed	Probable	HCW *	
1 Ondo	31	7	▼				538	187		5	33
2 Edo	114	11	▼				917	154		3	20
3 Bauchi	14	1	▲				534	95		26	10
4 Ebonyi	17	4	▼			1	158	33	1	2	11
5 Benue	2		▼				205	30	2	3	8
6 Kogi	14	4	▼				62	27			6
7 Taraba	3	1					54	23	2		7
8 Oyo			▼				83	19	14	4	4
9 Enugu	8		▼				71	17			2
10 Gombe	17	3	▼	1			92	15	8	2	5
11 Nasarawa	7	1	▼				54	9			
12 Plateau	2						24				
13 Delta	11						45	3			
14 Anambra	2		▼				17		2		1
15 Kaduna							37	2			2
16 FCT	5						36		2		
17 Cross River			▼				7	2			1
18 Adamawa							7		1		
19 Niger	3						10	1			
20 Kebbi	2	1	▲				3		1		
21 Kano							21	1			1
22 Katsina							12	1			1
23 Rivers			▼				5	1			
24 Sokoto							1				
25 Akwa Ibom	1						2				
26 Osun							4		1		
27 Yobe							26				
28 Imo	4						6				
29 Ekiti							2				
30 Abia							10				
31 Borno							2				
32 Bayelsa							2				
33 Jigawa							4				
34 Ogun							5				
35 Kwara							4				
36 Lagos							15				
Total	257	33	▼	1	0		1	3075	630	28	45
											112

Table 3. Weekly and Cumulative number of suspected and confirmed cases for 2022

Key	
▼	Decrease
▲	Increase

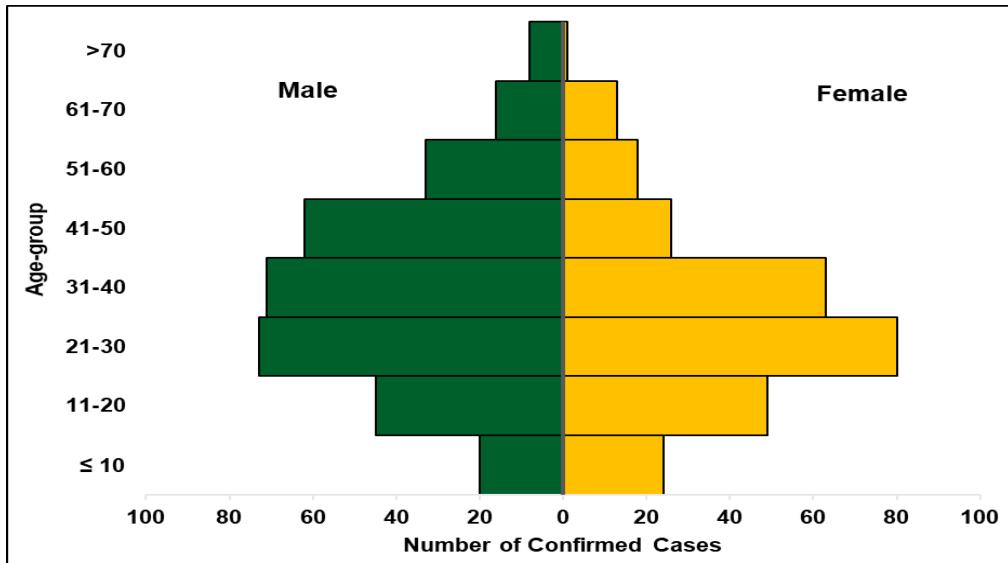


Figure 4. Age and sex pyramid showing number of confirmed Lassa fever cases for 2022

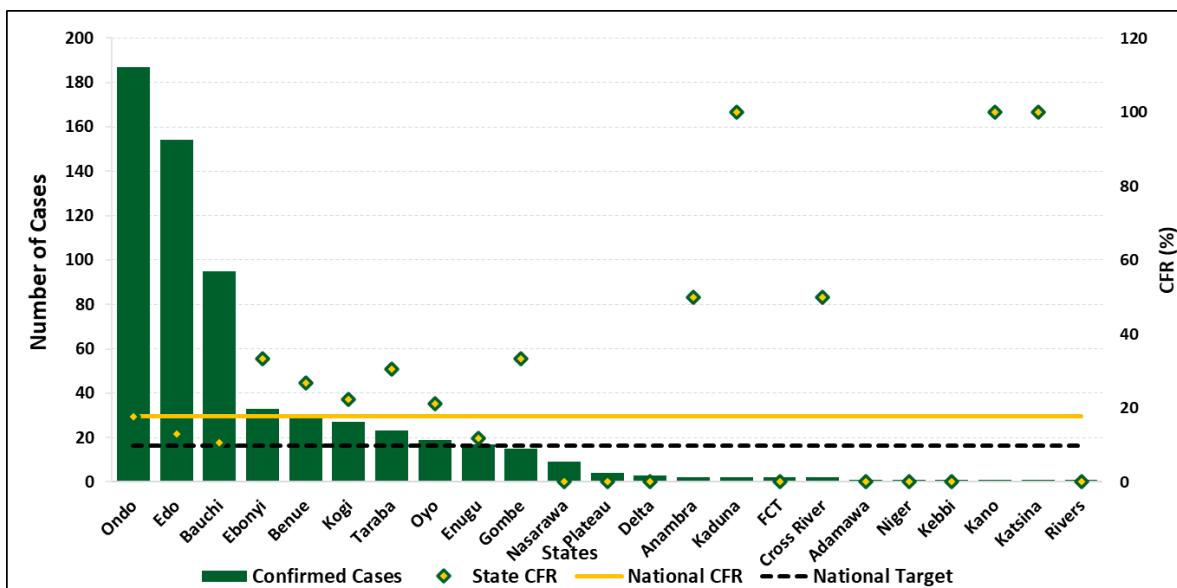


Figure 5: Number of confirmed cases with case fatality rate (CFR) by state week 10, 2022

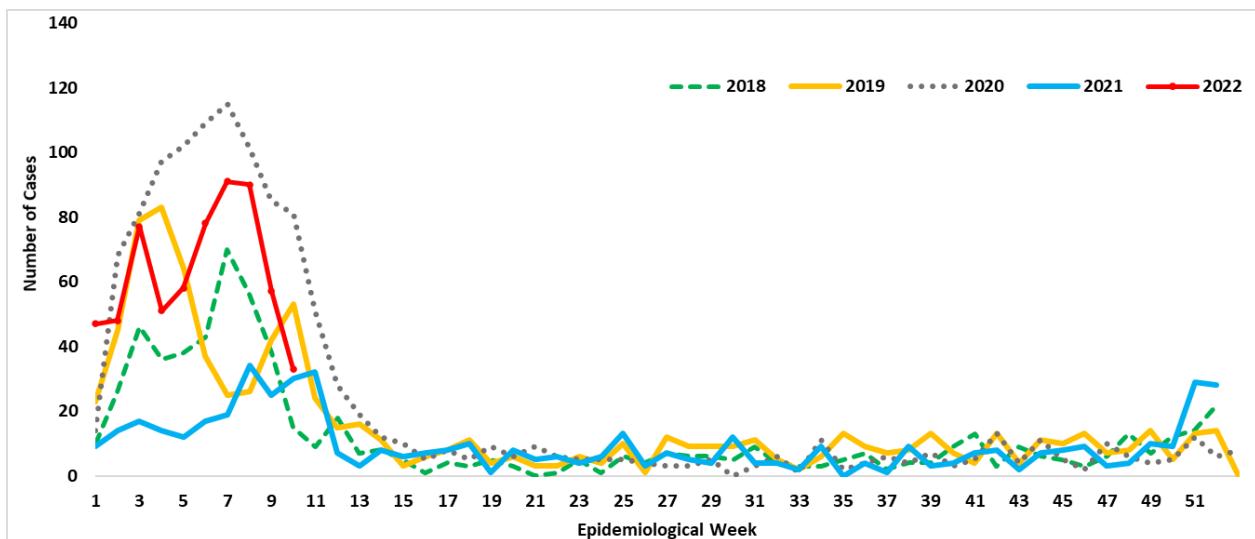


Figure 6: Trend of confirmed cases by epidemiological week, 2018– 2022, Nigeria

Response activities

- Lassa fever alert letters sent to States
- The National Emergency Operations Centre response mode Level 2 activated for effective multi-sectoral, multi-disciplinary coordination of 2022 Lassa fever outbreak response
- Lassa fever preparedness assessment carried out for 36 States and FCT
- State Public Health Emergency Operations Centre activated in affected States
- The Eight Lassa fever molecular laboratories in the NCDC network are working full capacity to ensure that all samples are tested, and results provided within the shortest turnaround time
- Confirmed cases are treated at identified treatment centres across the states
- Dissemination of reviewed case management and safe burial practices guidelines
- Dissemination of reviewed IPC guideline and health facility IPC advisory
- Risk communications and community engagement activities have been scaled up across states using television, radio, print, social media and other strategies
- Implementation of Lassa fever Environmental response campaign in high burden states by Federal Ministry of Environment
- Distribution of medical response commodities to states and treatment centre
- Engagement of adhoc data clerks to upload case management data on SORMAS
- Deployment of National Rapid Respond Teams (NRRT) deployment to Nasarawa, FCT, Edo, Ondo, Bauchi, Ebonyi, Oyo, Taraba, and Benue

Notes on this report

Data Source

Information for this disease was case based data retrieved from the National Lassa fever Emergency Operations Centre.

Case definitions

- **Suspected case:** 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.
- **Confirmed case:** any suspected case with laboratory confirmation (positive IgM antibody, PCR or virus isolation)
- **Probable case:** any suspected case (see definition above) who died or absconded without collection of specimen for laboratory testing
- **Contact:** Anyone who has been exposed to an infected person, or to an infected person's secretions, excretions, or tissues within three weeks of last contact with a confirmed or probable case of Lassa fever

Calculations

- Case Fatality Rate (CFR) for this disease is reported for confirmed cases only

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