

# Lassa fever Situation Report

Epi Week 6: 7 – 13 February, 2022

## Key Points

**Table 1: Summary of current week (6), cumulative from Epi week 1–6, 2022 and comparison with previous year (2021)**

Reporting Period	Suspected cases	Confirmed cases	Probable cases	Deaths (Confirmed cases)	Case Fatality Ratio (CFR)	States and LGAs affected (Confirmed cases)
Current week (week 6)	278	77	1	11	14.3%	State(s): 11 LGA(s): 25
2022 Cumulative (week 6)	1631	358	19	59	16.5%	State(s): 19 LGA(s): 65
2021 Cumulative (week 6)	704	83	1	19	22.9%	State(s): 8 LGA(s): 27

## Highlights

- In week 6, the number of new confirmed cases increased from 58 in week 5, 2022 to 77 cases. These were reported from Ondo, Edo, Bauchi, Ebonyi, Taraba, Enugu, Benue, Kogi, Nasarawa, and Niger States and the FCT (Table 3)
- Cumulatively from week 1 to week 6, 2022, 59 deaths have been reported with a case fatality rate (CFR) of 16.5% which is lower than the CFR for the same period in 2021 (22.9%)
- In total for 2022, 19 States have recorded at least one confirmed case across 65 Local Government Areas (Figure 2 and 3)
- Of all confirmed cases, 73% are from Ondo (32%), Edo (23%) and Bauchi (18%) 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
- Seven (7) new Healthcare workers affected from Bauchi, Ondo and Edo States in the reporting week 6
- National Lassa fever multi-partner, multi-sectoral Emergency Coordination Centre (EOC) activated to coordinate response activities at all levels

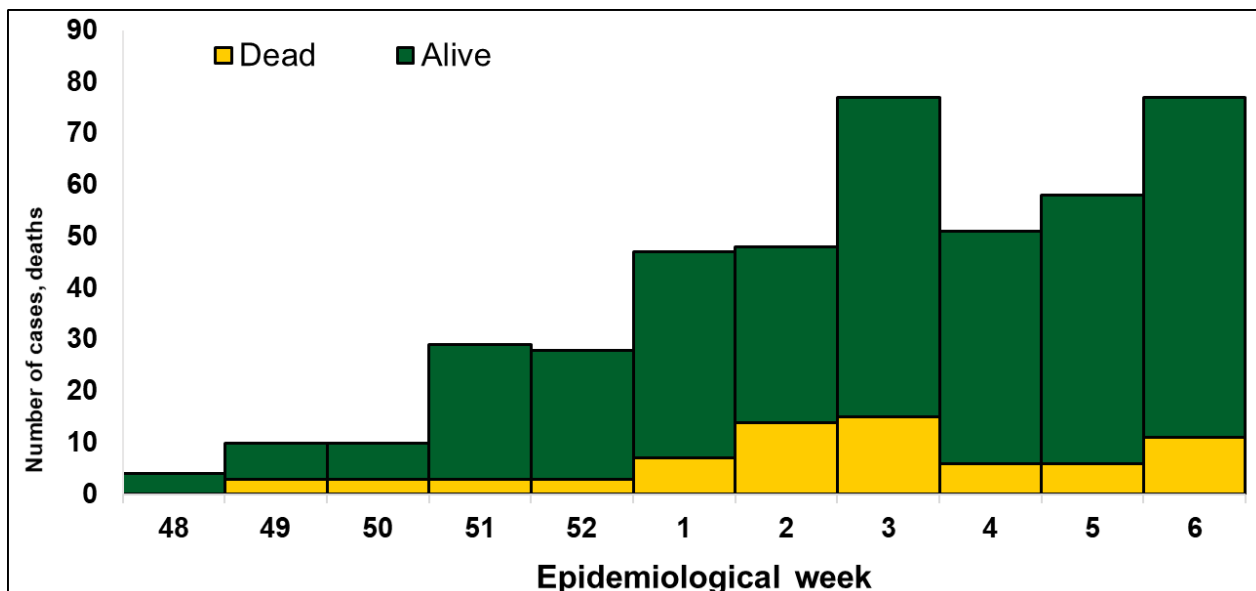


Figure 1. Epidemic curve of confirmed Lassa fever cases epidemiological week 6, 2022

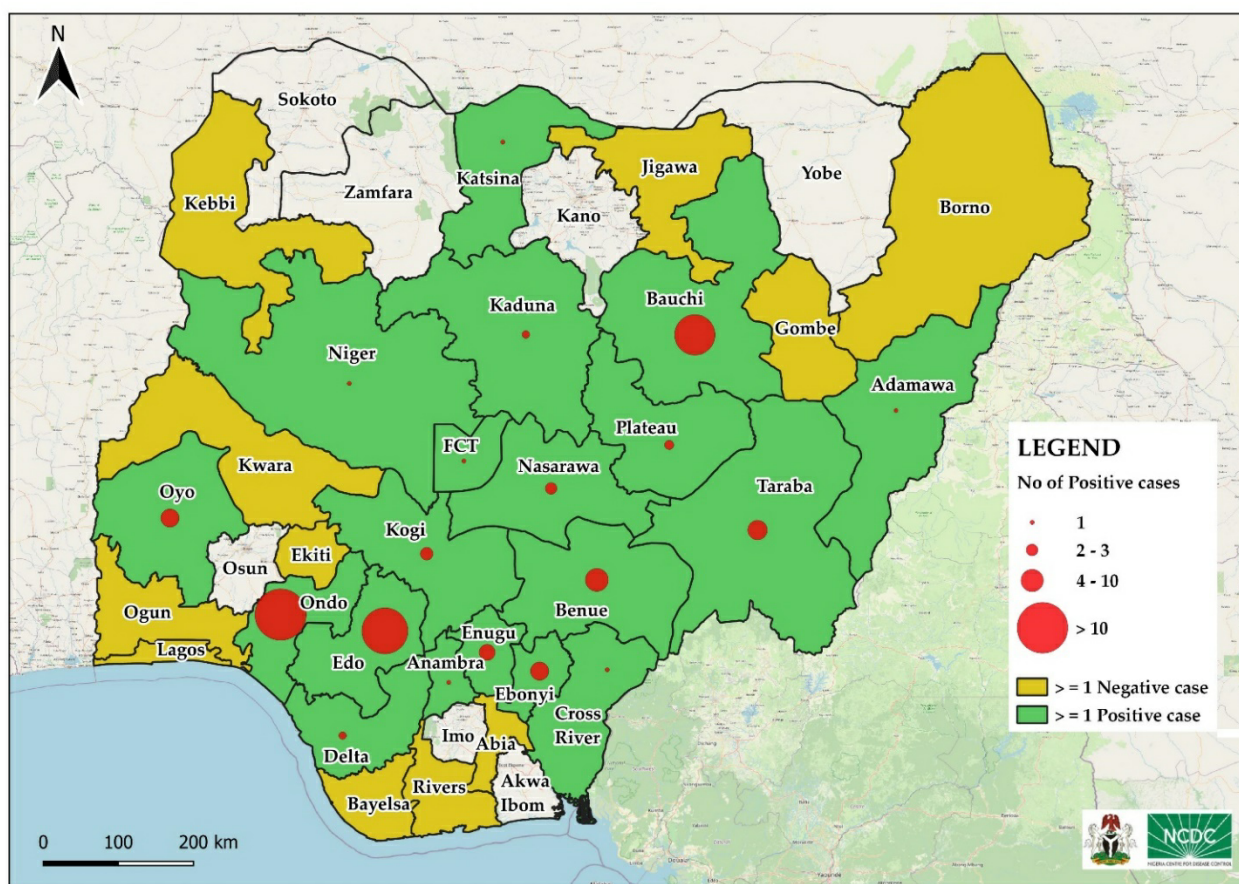


Figure 2. Confirmed Lassa fever cases by States in Nigeria, week 6, 2022

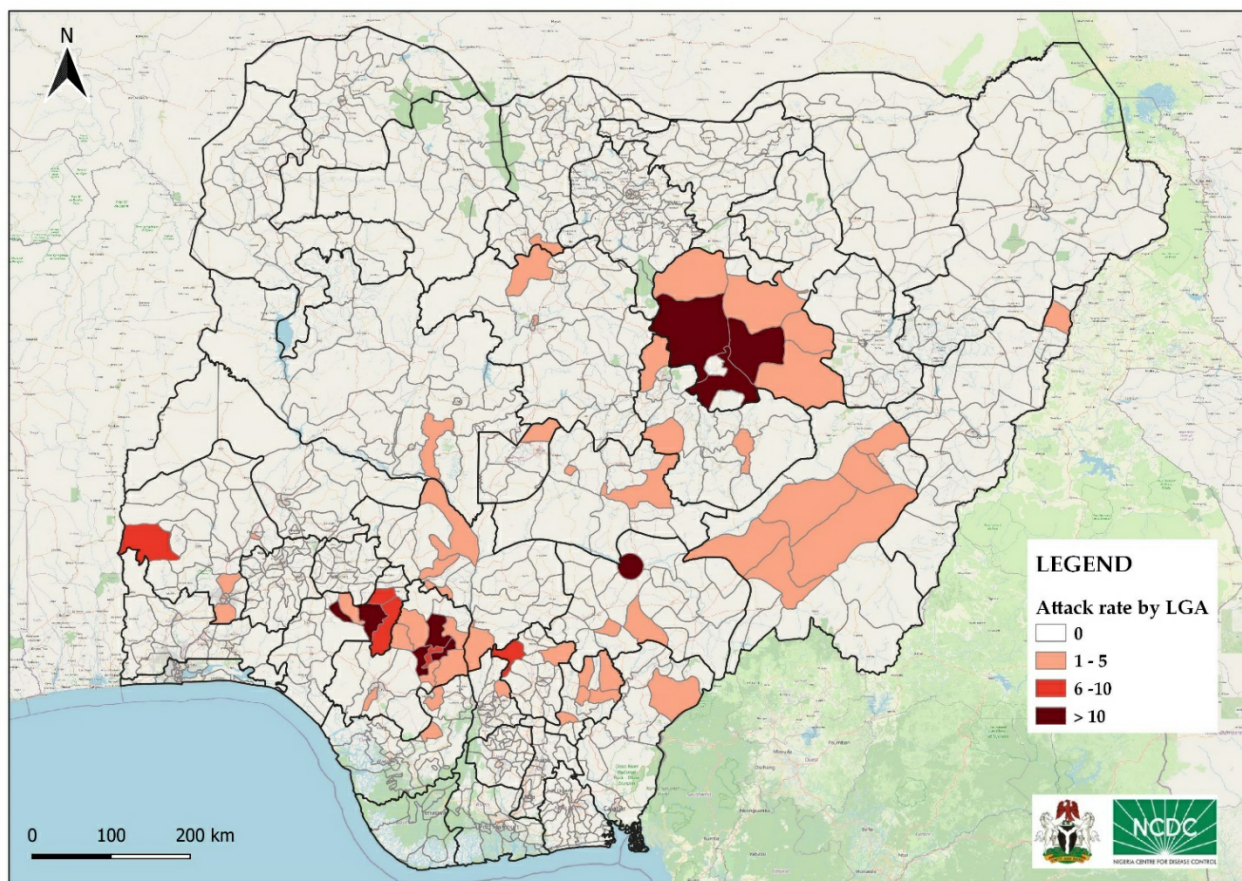


Figure 3. Confirmed Lassa fever rate per 100,000 population for LGAs in Nigeria, week 6, 2022

Table 2: Key indicators for current week 2021 and trend compared to previous week, Nigeria

Indicator	Number for current week	Trend from previous week	Cumulative number for 2022
Probable cases	1	↔	19
Health Care Worker affected	7	↔	27
Cases undergoing treatment in Treatment centres	77	↔	378
<b>Contact tracing</b>			
Cumulative contact listed	93	↔	1559
Contacts under follow up	820	↔	820
Contacts completed follow up	86	↔	700
Symptomatic contacts	0	↔ ↔	46
Positive contacts	0	↔ ↔	39
Contacts lost to follow up	0	↔ ↔	0

**Key**

- ↑ Increase
- ↓ Decrease
- ↔ No difference



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

States	Current week: (Week 6 )						Cumulative (Week 1 - 6 )					
	Cases					Deaths	Cases				Deaths	
	Suspected	Confirmed	Trend	Probable	HCW *	(Confirmed Cases)	Suspected	Confirmed	Probable	HCW *	(Confirmed Cases)	
1 Ondo	79	35	▲		1	5	312	115		3	20	
2 Edo	82	11	▼		1	2	471	83		3	8	
3 Bauchi	28	8	▲			5	326	64		17	8	
4 Benue	15	3	▲		1		108	21		2 3	5	
5 Taraba	11	4				2	34	15		2	4	
6 Oyo			▼				73	13		14	1	
7 Ebonyi	24	6	▲				52	13		1 1	3	
8 Enugu	12	4					37	10			2	
9 Kogi	3	2	▲			1	15	6			3	
10 Nasarawa	7	2					30	5				
11 Plateau	1						19	3				
12 Delta	2						20	2				
13 Kaduna	1						32	2			2	
14 Adamawa	2						3	1				
15 Niger	1	1	▲				3	1				
16 Anambra	2		▼				7	1			1	
17 Katsina	2						10	1			1	
18 FCT	2	1	▲				24	1				
19 Cross River	1						4	1			1	
20 Ekiti							1					
21 Abia							9					
22 Borno							2					
23 Bayelsa							2					
24 Jigawa							2					
25 Kebbi							1					
26 Ogun							3					
27 Kwara							3					
28 Lagos							12					
29 Gombe	3						9					
30 Rivers							4					
Total	278	77	▲		1 7	11	1628	358		19 27	59	

Key	
▼	Decrease
▲	Increase

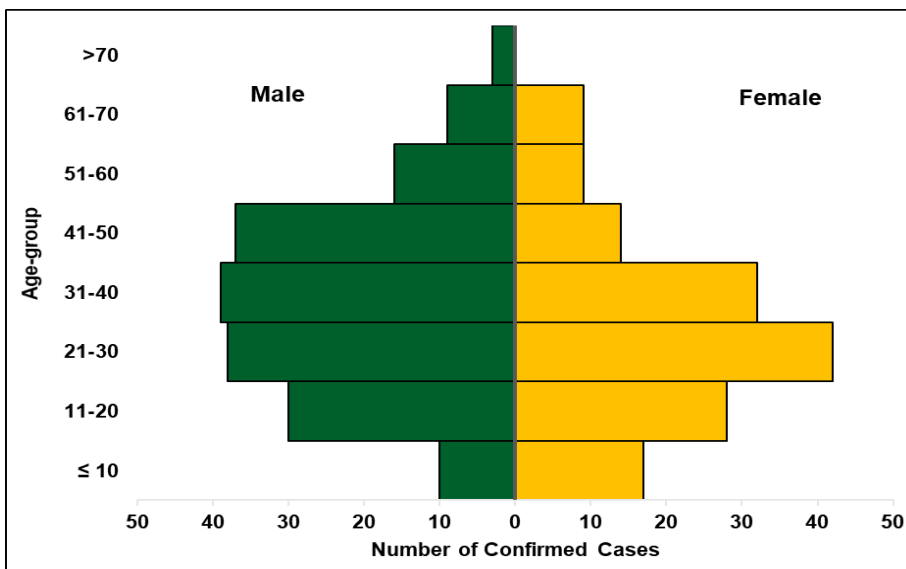


Figure 4. Age and sex pyramid showing number of confirmed Lassa fever cases for 2022

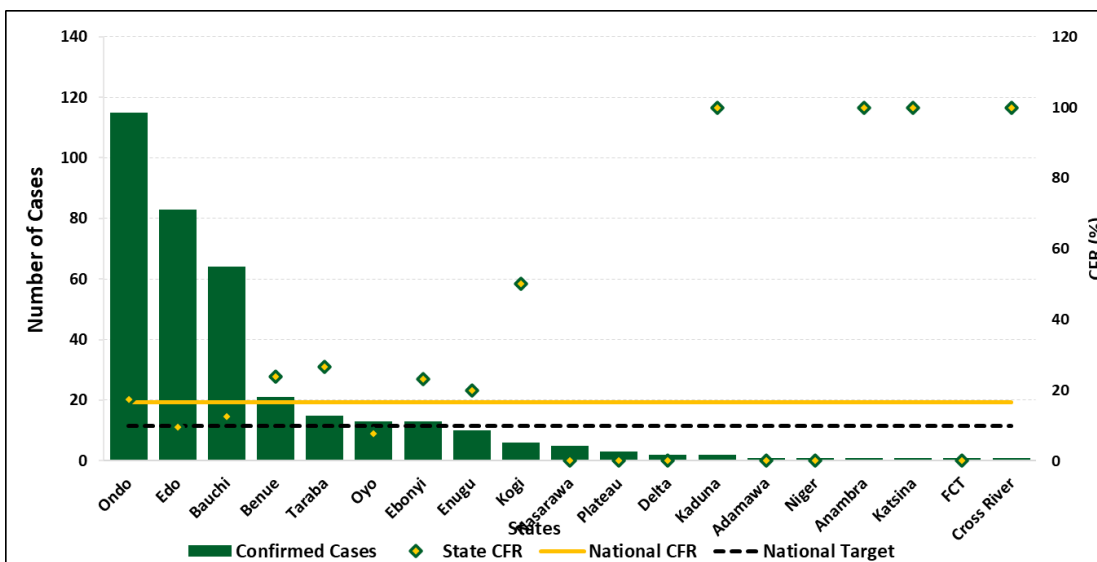


Figure 5: Number of confirmed cases with case fatality rate (CFR) by state week 6, 2022

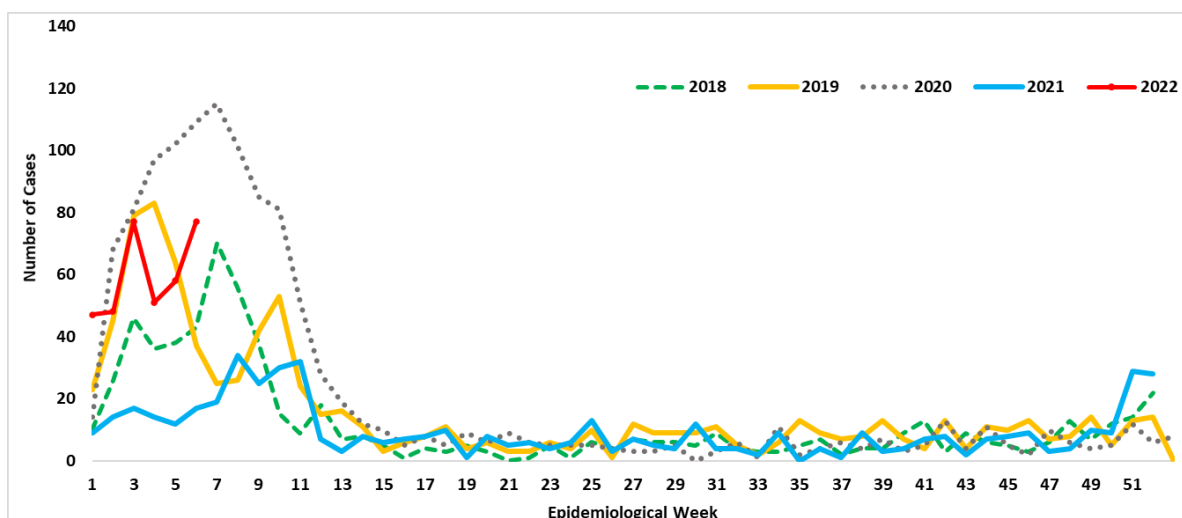


Figure 6: Trend of confirmed cases by epidemiological week, 2018– 2022, Nigeria

## 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 Seven 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
- 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