

# Lassa fever Situation Report

Epi Week 17: 25 April – 1 May, 2022

## Key Points

**Table 1: Summary of current week (17), cumulative from Epi week 1–17, 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)
<b>Current week</b> (week 17)	183	8	0	3	37.5%	State(s): 4 LGA(s): 4
<b>2022 Cumulative</b> (week 17)	4455	759	31	149	19.6%	State(s): 23 LGA(s): 95
<b>2021 Cumulative</b> (week 17)	1724	262	3	55	21.0%	State(s): 14 LGA(s): 56

## Highlights

- In week 17, the number of new confirmed cases decreased from 18 in week 16, 2022 to 8 cases. These were reported from Edo, Ondo, Gombe and Kogi States (Table 3)
- Cumulatively from week 1 to week 17, 2022, 149 deaths have been reported with a case fatality rate (CFR) of 19.6% which is lower than the CFR for the same period in 2021 (21.0%)
- In total for 2022, 23 States have recorded at least one confirmed case across 95 Local Government Areas (Figure 2 and 3)
- Of all confirmed cases, 68% are from Ondo (28%), Edo (25%) and Bauchi (15%) 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 worker affected in the reporting week 17
- National Lassa fever multi-partner, multi-sectoral Emergency Coordination Centre (EOC) activated to coordinate response activities at all levels

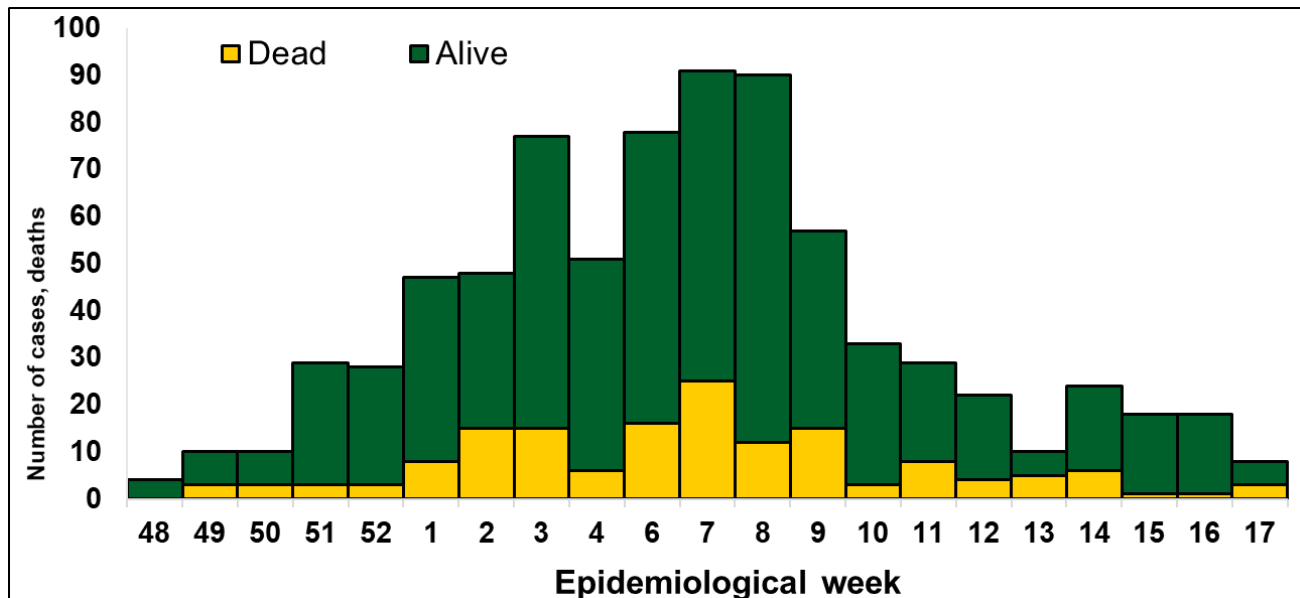


Figure 1. Epidemic curve of confirmed Lassa fever cases epidemiological week 17, 2022

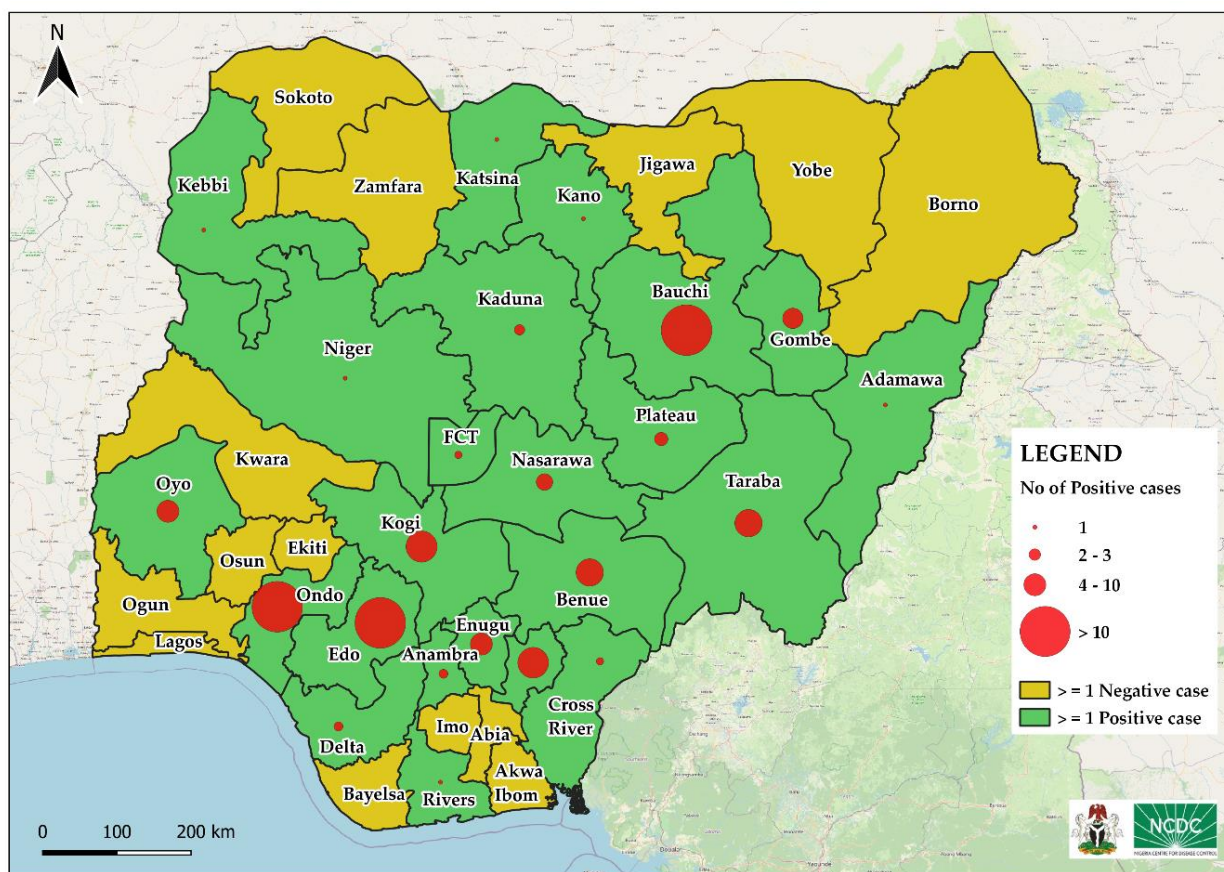


Figure 2. Confirmed Lassa fever cases by States in Nigeria, week 17, 2022

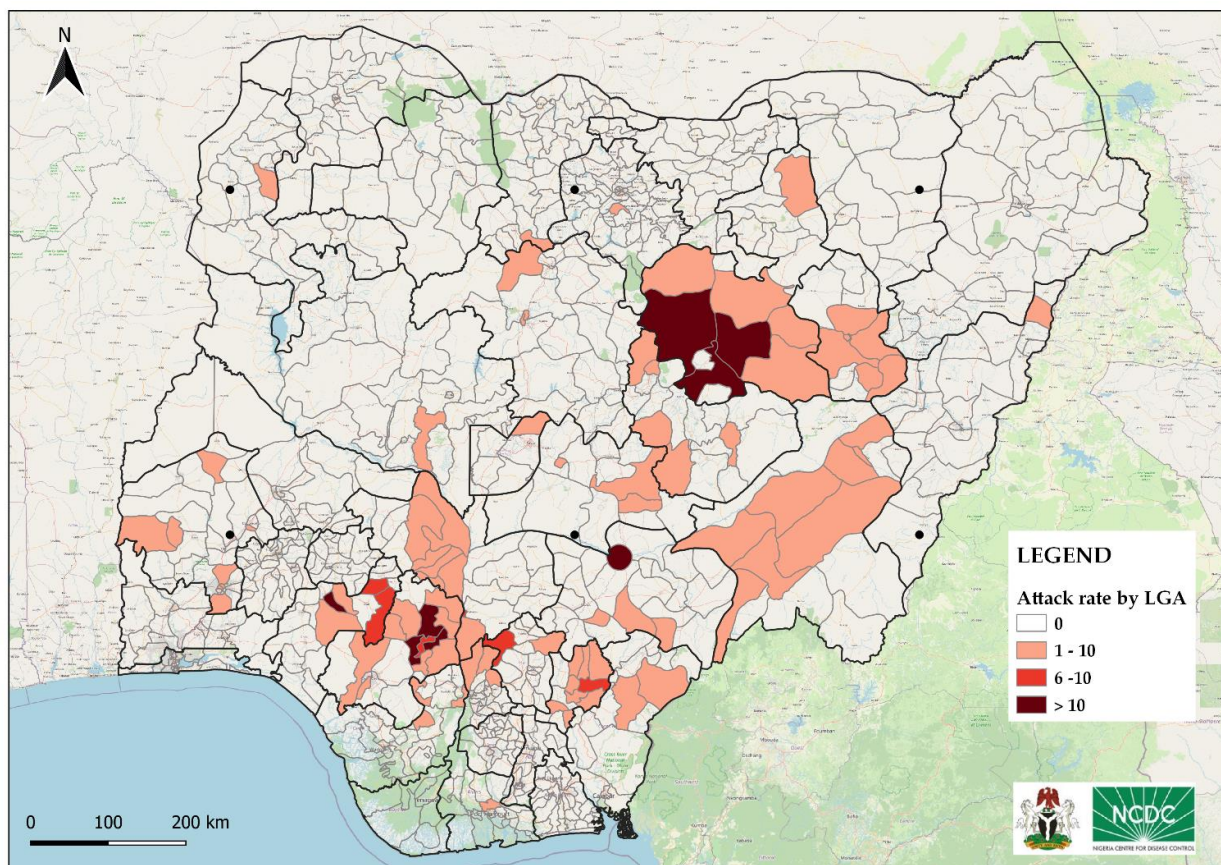


Figure 3. Confirmed Lassa fever rate per 100,000 population for LGAs in Nigeria, week 17, 2022

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

Indicator	Number for current week	Trend from previous week	Cumulative number for 2022
Probable cases	0	↔	31
Health Care Worker affected	0	↔	51
Cases managed at the treatment centres	8	↓	720
<b>Contact tracing</b>			
Cumulative contact listed	99	↑	2858
Contacts under follow up	655	↓	655
Contacts completed follow up	156	↑	2145
Symptomatic contacts	0	↔	97
Positive contacts	0	↔	47
Contacts lost to follow up	0	↔	11

Key

- ↑ Increase
- ↓ Decrease
- ↔ No difference

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

	States	Current week: (Week 17)					Cumulative (Week 1 - 17)					
		Cases				Deaths (Confirmed Cases)	Cases				Deaths (Confirmed Cases)	
		Suspected	Confirmed	Trend	Probable HCW*		Suspected	Confirmed	Probable	HCW*		
1	Ondo	28	2	▼			756	214		9	37	
2	Edo	64	3	▼		2	1426	186		3	26	
3	Bauchi			▼			712	115		26	12	
4	Kogi	3	1	▼			116	43			7	
5	Ebonyi	13					211	39	1	3	18	
6	Benue						218	31	2	3	8	
7	Taraba						87	31	2		14	
8	Oyo			▼			97	21	14	4	4	
9	Gombe	73	2	▲		1	193	20	8	2	8	
10	Enugu	1					87	20			2	
11	Nasarawa						81	11			6	
12	Plateau			▼			44	8				
13	Kaduna						81	4	3	1	3	
14	Anambra						21	3			1	
15	Delta						52	3				
16	FCT						46	2				
17	Cross River						10	2			1	
18	Adamawa						12	1				
19	Niger						10	1				
20	Kebbi						5	1				
21	Kano						34	1			1	
22	Katsina						17	1			1	
23	Rivers						5	1				
24	Zamfara						5					
25	Sokoto						1					
26	Akwa Ibom						3					
27	Osun						6		1			
28	Yobe						26					
29	Imo						14					
30	Ekiti						2					
31	Abia						16					
32	Borno						10					
33	Bayelsa						5					
34	Jigawa						7					
35	Ogun						9					
36	Kwara	1					11					
37	Lagos						16					
	<b>Total</b>	<b>183</b>	<b>8</b>	<b>▼</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>4452</b>	<b>759</b>	<b>31</b>	<b>51</b>	<b>149</b>

Key	
▼	Decrease
▲	Increase

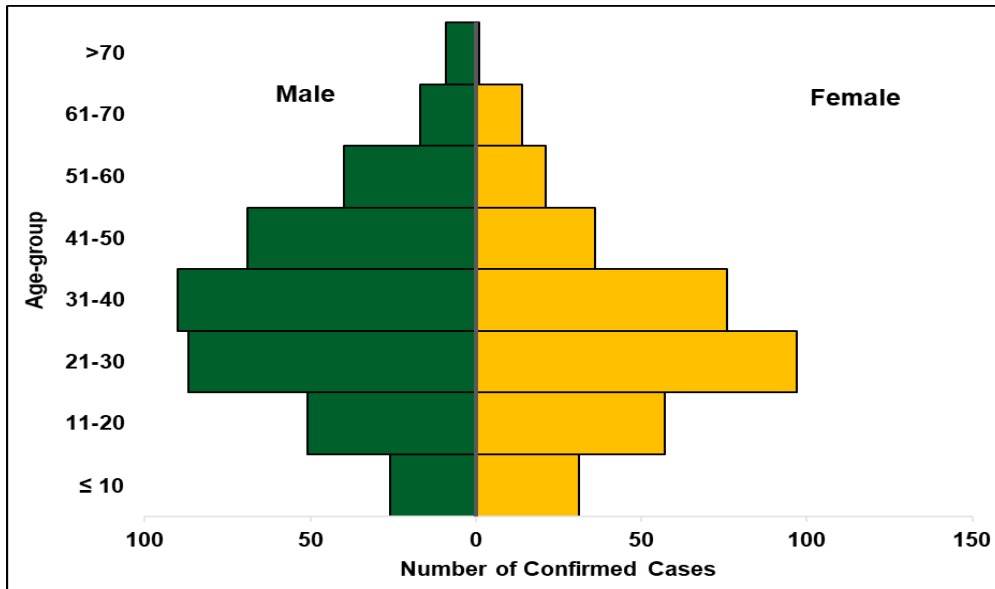


Figure 4. Age and sex pyramid showing number of confirmed Lassa fever cases for 2022

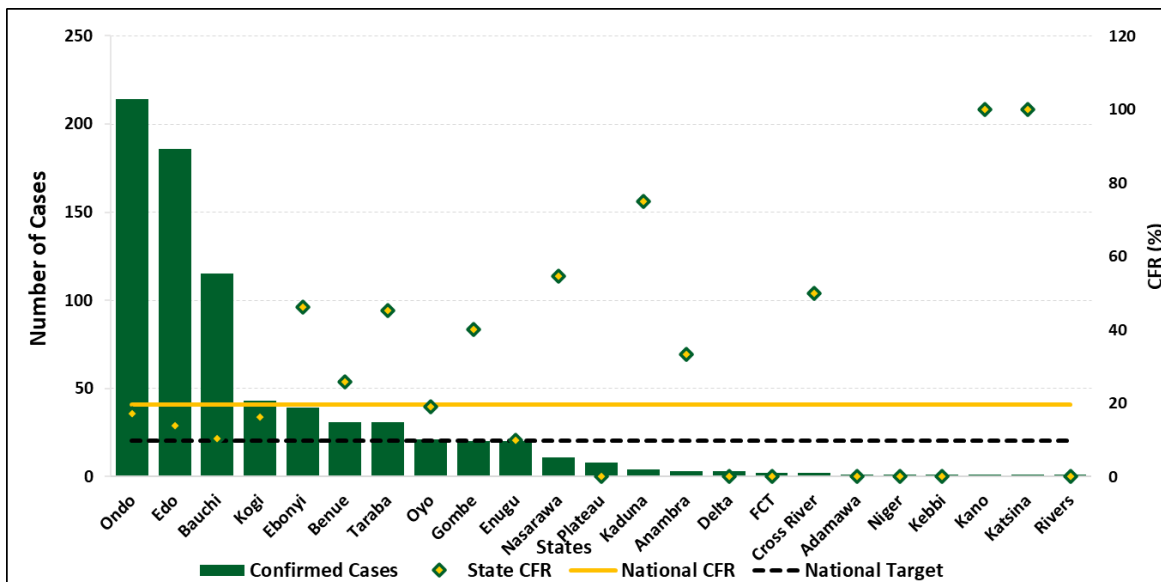


Figure 5: Number of confirmed cases with case fatality rate (CFR) by state week 17, 2022

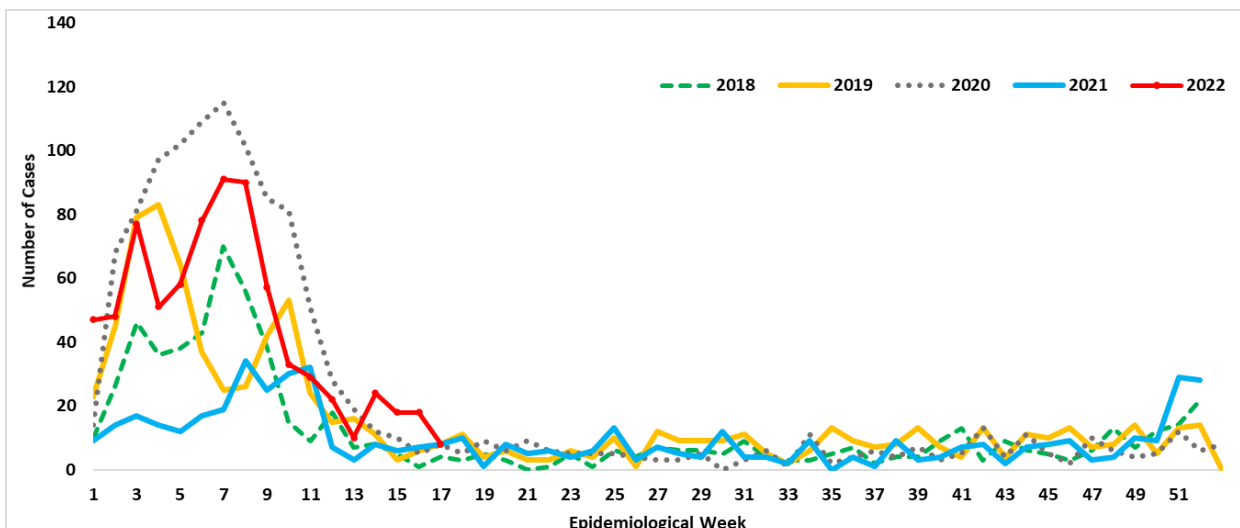


Figure 6: Trend of confirmed cases by epidemiological week, 2018– 2022, Nigeria

## 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
- Coordinated sub-national Lassa fever surveillance and response intensive workshop

## 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

**VIRAL HAEMORRHAGIC FEVER QUICK REFERENCE GUIDE**

For social mobilization [https://ncdc.gov.ng/themes/common/docs/vhfs/83\\_1517222929.pdf](https://ncdc.gov.ng/themes/common/docs/vhfs/83_1517222929.pdf)  
For LGA Rapid Response Team [https://ncdc.gov.ng/themes/common/docs/vhfs/82\\_1517222811.pdf](https://ncdc.gov.ng/themes/common/docs/vhfs/82_1517222811.pdf)  
Healthcare worker laboratory [https://ncdc.gov.ng/themes/common/docs/vhfs/81\\_1517222763.pdf](https://ncdc.gov.ng/themes/common/docs/vhfs/81_1517222763.pdf)  
For healthcare workers [https://ncdc.gov.ng/themes/common/docs/vhfs/80\\_1517222586.pdf](https://ncdc.gov.ng/themes/common/docs/vhfs/80_1517222586.pdf)  
For community informant [https://ncdc.gov.ng/themes/common/docs/vhfs/79\\_1517222512.pdf](https://ncdc.gov.ng/themes/common/docs/vhfs/79_1517222512.pdf)

**NATIONAL GUIDELINES FOR LASSA FEVER CASE MANAGEMENT**

[https://ncdc.gov.ng/themes/common/docs/protocols/92\\_1547068532.pdf](https://ncdc.gov.ng/themes/common/docs/protocols/92_1547068532.pdf)

**VIRAL HAEMORRHAGIC FEVER AND RESPONSE PLAN**

[https://ncdc.gov.ng/themes/common/docs/protocols/24\\_1502192155.pdf](https://ncdc.gov.ng/themes/common/docs/protocols/24_1502192155.pdf)

**NATIONAL GUIDELINE FOR INFECTION, PREVENTION AND CONTROL FOR VIRAL HAEMORRHAGIC FEVER**

[https://ncdc.gov.ng/themes/common/docs/protocols/24\\_1502192155.pdf](https://ncdc.gov.ng/themes/common/docs/protocols/24_1502192155.pdf)

**INFROMATION RESOURCE**

Nigeria Centre for Disease Control: [www.ncdc.gov.ng](http://www.ncdc.gov.ng)

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