



# Lassa fever Situation Report

Epi Week 28: 11 – 17 July 2022

## Key Points

**Table 1: Summary of current week (28), cumulative from Epi week 1–28, 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 (week 28)</b>	107	5	0	2	40.0%	State(s): 2 LGA(s): 4
<b>2022 Cumulative (week 28)</b>	5756	847	37	162	19.1%	State(s): 24 LGA(s): 99
<b>2021 Cumulative (week 28)</b>	2437	330	3	77	23.3%	State(s): 14 LGA(s): 58

## Highlights

- In week 28, the number of new confirmed cases decreased from 13 in week 27, 2022 to 5 cases. These were reported from Edo and Ondo States (Table 3)
- Cumulatively from week 1 to week 28, 2022, 162 deaths have been reported with a case fatality rate (CFR) of 19.1% which is lower than the CFR for the same period in 2021 (23.3%)
- In total for 2022, 24 States have recorded at least one confirmed case across 99 Local Government Areas (Figures 2 and 3)
- Of all confirmed cases, 69% are from Ondo (30%), Edo (25%), and Bauchi (14%) States.
- The predominant age group affected is 21-30 years (Range: 0 to 90 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 28
- National Lassa fever multi-partner, multi-sectoral Technical Working Group (TWG) continues to coordinate the response activities at all levels

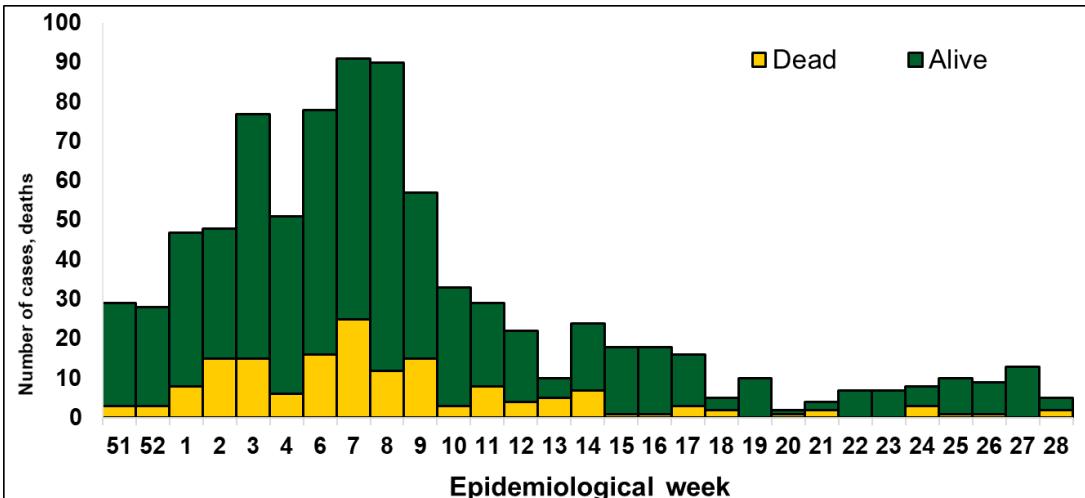


Figure 1. Confirmed Lassa fever cases in Nigeria from Epi-week 51, 2021 to week 28, 2022

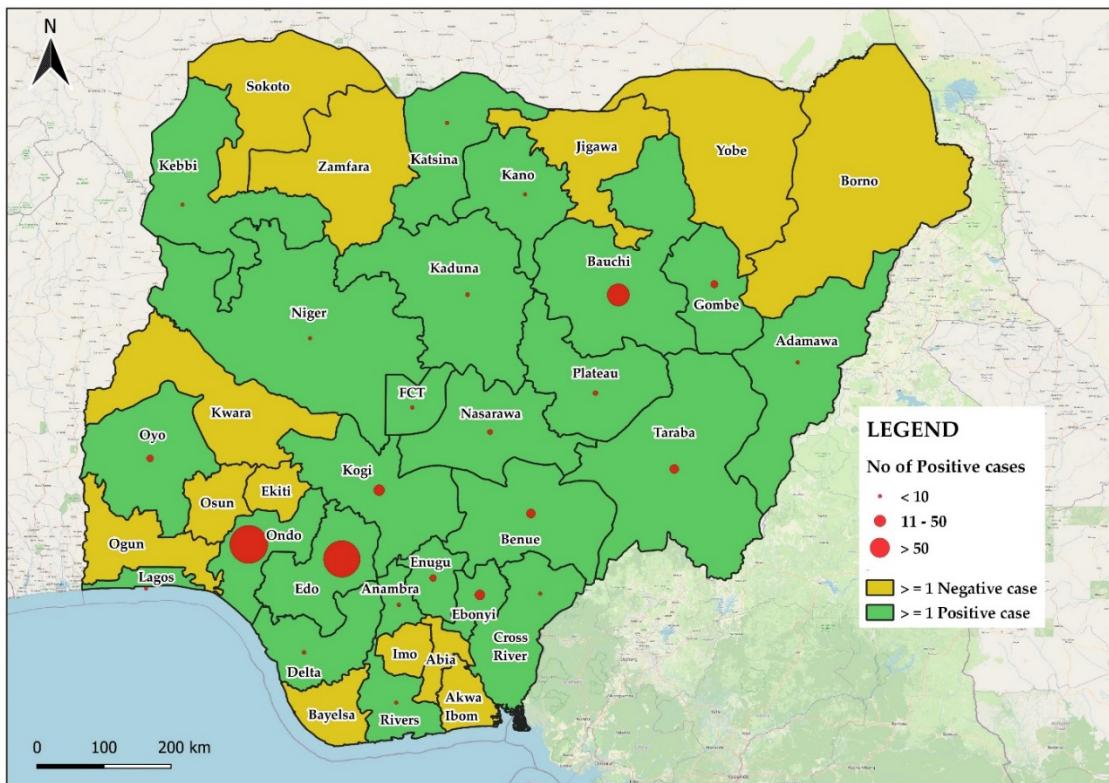


Figure 2. Confirmed Lassa fever cases by States in Nigeria, as of Epi-week 28, 2022

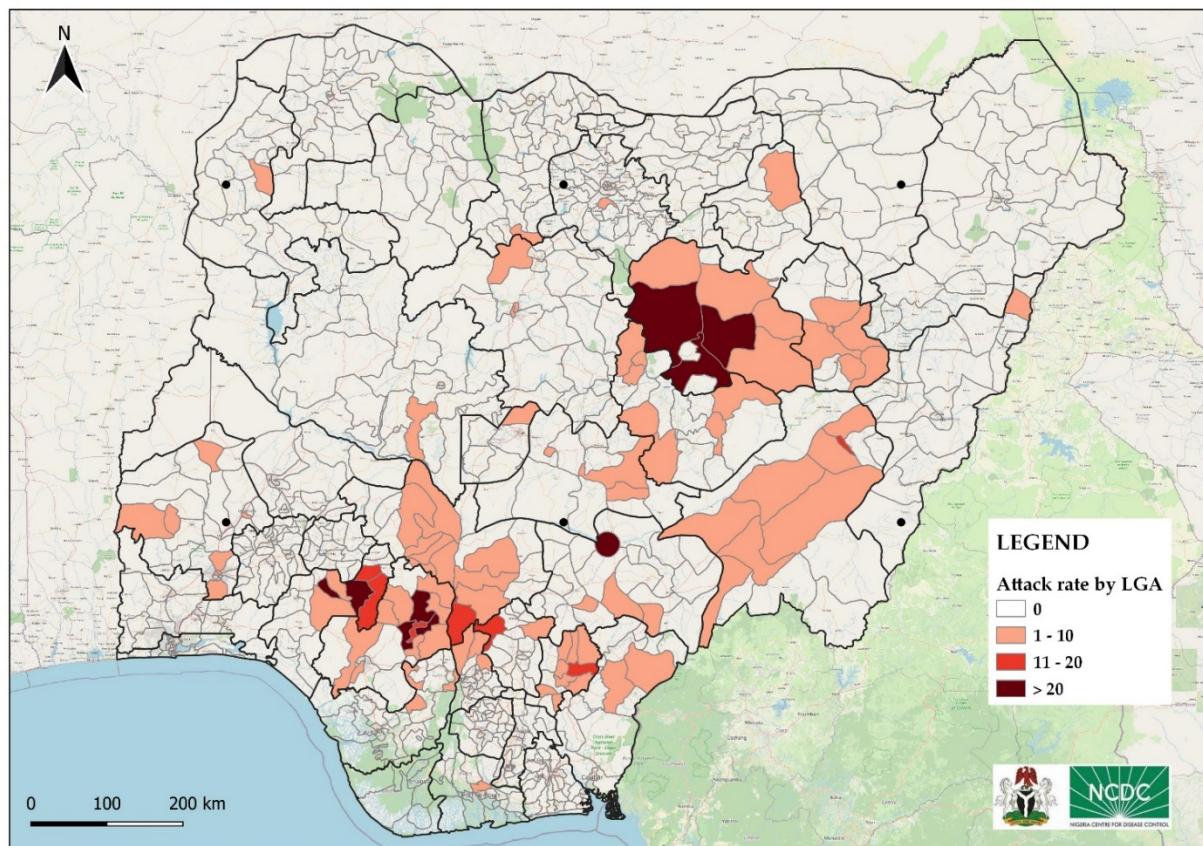


Figure 3. Confirmed Lassa fever rate per 100,000 population for LGAs in Nigeria, Epi-week 28, 2022

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	↔ ↔	37
Health Care Worker affected	0	↔ ↔	53
Cases managed at the treatment centres	5	↔	788
<b>Contact tracing</b>			
Cumulative contact listed	0	↔ ↔	3410
Contacts under follow up	28	↔	28
Contacts completed follow up	17	↔	3322
Symptomatic contacts	0	↔ ↔	101
Positive contacts	0	↔ ↔	49
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 28)					Cumulative (Week 1 - 28)				
		Cases				Deaths (Confirmed Cases)	Cases				(Confirmed Cases)
		Suspected	Confirmed	Trend	Probable HCW *		Suspected	Confirmed	Probable	HCW *	
1	Ondo	21	1	▼		1	1080	252		10	45
2	Edo	75	4	▲		1	2065	215		3	29
3	Bauchi	5					774	117		26	12
4	Kogi						129	46			7
5	Ebonyi						240	40	1	3	19
6	Benue						257	35	2	3	8
7	Taraba						98	34	3	1	14
8	Gombe						239	24	8	2	8
9	Oyo						112	21	14	4	4
10	Enugu						91	20			2
11	Nasarawa	1					91	11	5		6
12	Plateau	1	▼				63	10			
13	Anambra			▼			24	4			1
14	Kaduna						92	4	3	1	3
15	Delta	1					70	3			
16	FCT	1					52	2			
17	Cross River						11	2			1
18	Adamawa						15	1			
19	Niger						11	1			
20	Kebbi						5	1			
21	Lagos	1					32	1			1
22	Kano						37	1			1
23	Katsina						17	1			1
24	Rivers						6	1			
25	Zamfara						5				
26	Sokoto						2				
27	Akwa Ibom						5				
28	Osun						8		1		
29	Yobe						26				
30	Imo						15				
31	Ekiti						2				
32	Abia						20				
33	Borno						15				
34	Bayelsa						6				
35	Jigawa						9				
36	Ogun						15				
37	Kwara	1					13				
	Total	107	5	▼	0	0	2	5752	847	37	53
											162

Key	
▼	Decrease
▲	Increase

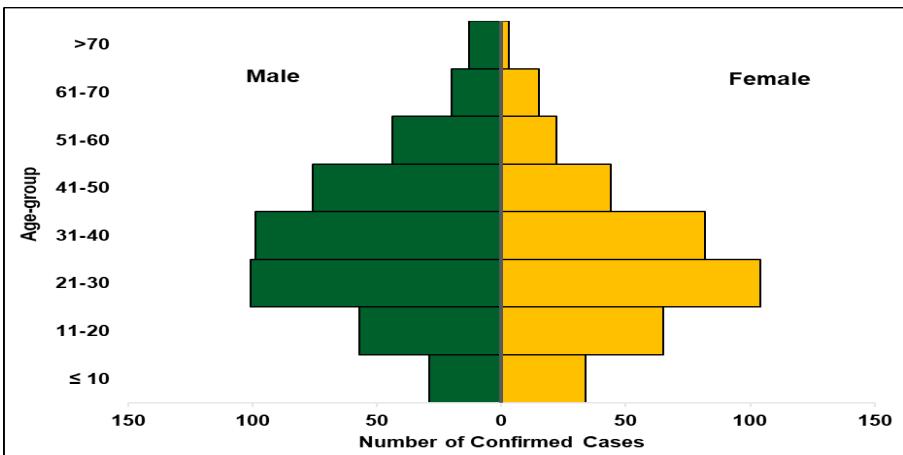


Figure 4: Age and sex pyramid of confirmed Lassa fever cases for 2022

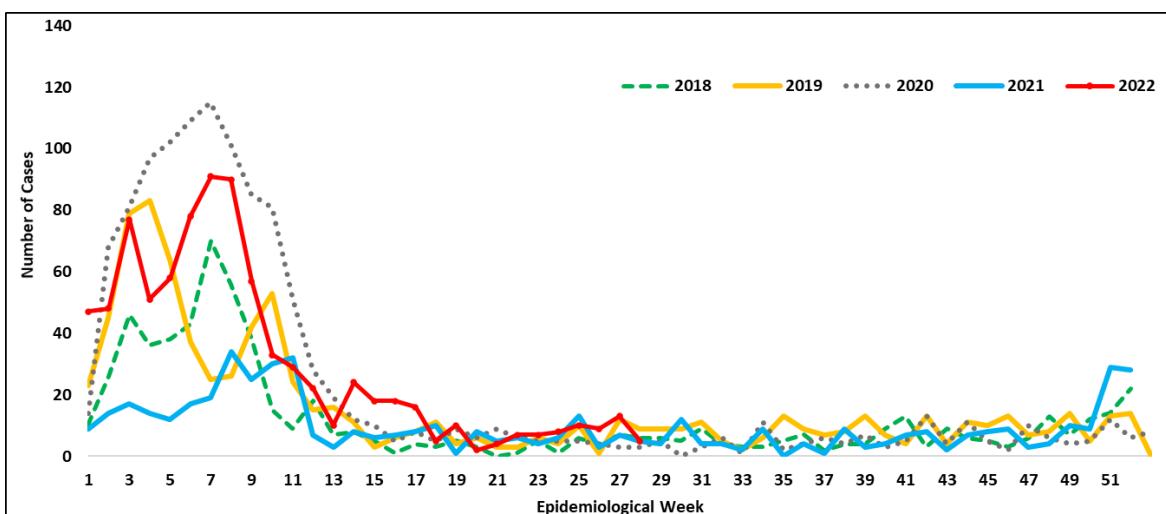


Figure 5: Number of confirmed cases with case fatality rate (CFR) by state week 28, 2022

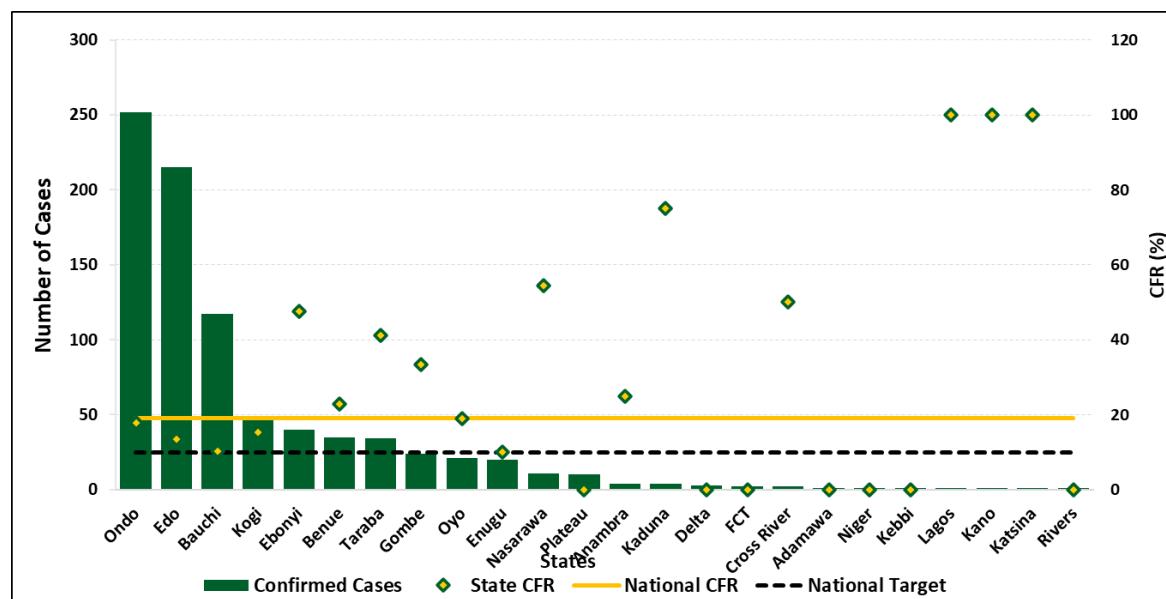


Figure 6: Trend of confirmed cases by epidemiological week, 2018– 2022, Nigeria

## 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)