



NIGERIA CENTRE FOR DISEASE CONTROL

## Nigeria Centre for Disease Control

*Protecting the health of Nigerians*

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# Lassa fever Situation Report

Epi Week 14: 4 – 10 April, 2022

## Key Points

**Table 1: Summary of current week (14), cumulative from Epi week 1–14, 2022 and**

Reporting Period	Suspected cases	Confirmed cases	Probable cases	Deaths (Confirmed cases)	Case Fatality Ratio (CFR)	States and LGAs affected (Confirmed cases)
Current week	217	24	0	6	25.0%	State(s): 6

comparison with previous year (2021)

(week 14)

LGA(s): 15

**2022**

**Cumulative**  
(week 14)

3963

715

31

136

19.3%

State(s): 23

LGA(s): 93

**2021**

**Cumulative**  
(week 14)

1549

241

3

50

20.7%

State(s): 14

LGA(s): 52

**Highlights**

1. In week 14, the number of new confirmed cases increased from 10 in week 13, 2022 to 24 cases. These were reported from Bauchi, Ondo, Edo, Ebonyi, Gombe and Kogi States (Table 3)
2. Cumulatively from week 1 to week 14, 2022, 138 deaths have been reported with a case fatality rate (CFR) of 19.3% which is lower than the CFR for the same period in 2021 (20.7%)
3. In total for 2022, 23 States have recorded at least one confirmed case across 93 Local Government Areas (Figure 2 and 3)
4. Of all confirmed cases, 68% are from Ondo (28%), Edo (24%) and Bauchi (16%) States.
5. 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)
6. The number of suspected cases has increased compared to that reported for the same period in 2021
7. No new Healthcare worker affected in the reporting week 14
8. National Lassa fever multi-partner, multi-sectoral Emergency Coordination Centre (EOC) activated to coordinate response activities at all levels

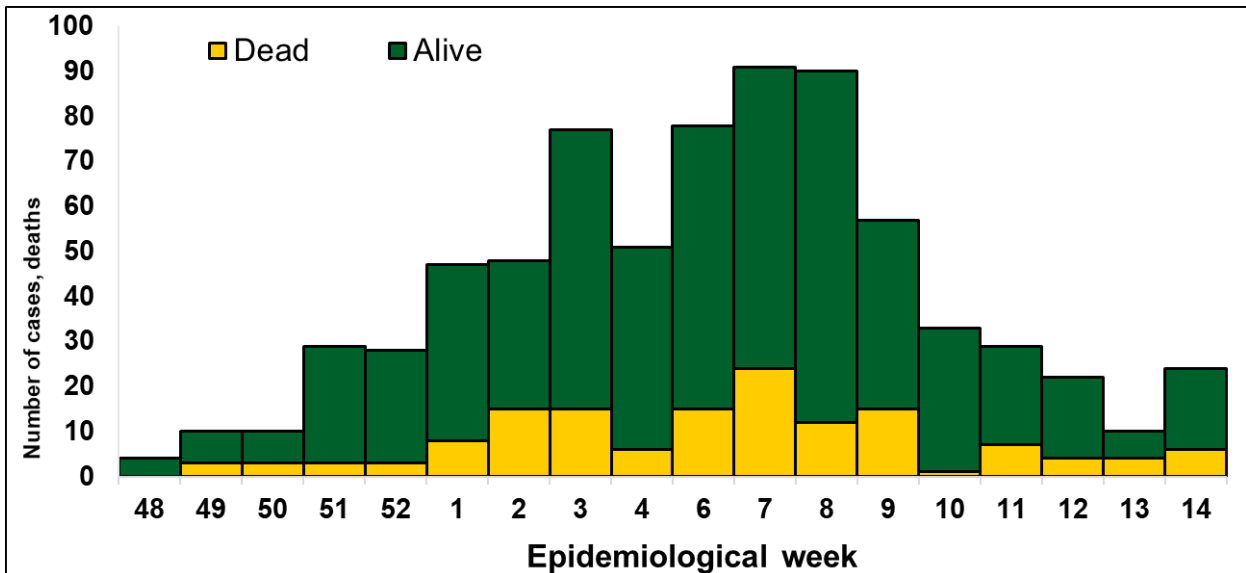


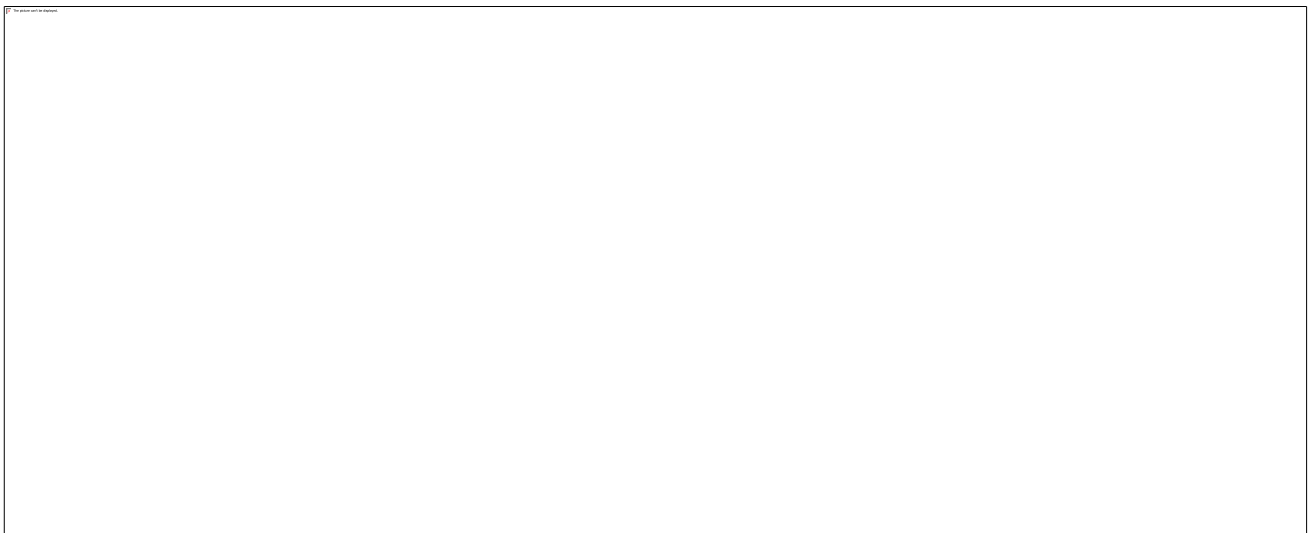
Figure 1. Epidemic curve of confirmed Lassa fever cases epidemiological week 14, 2022



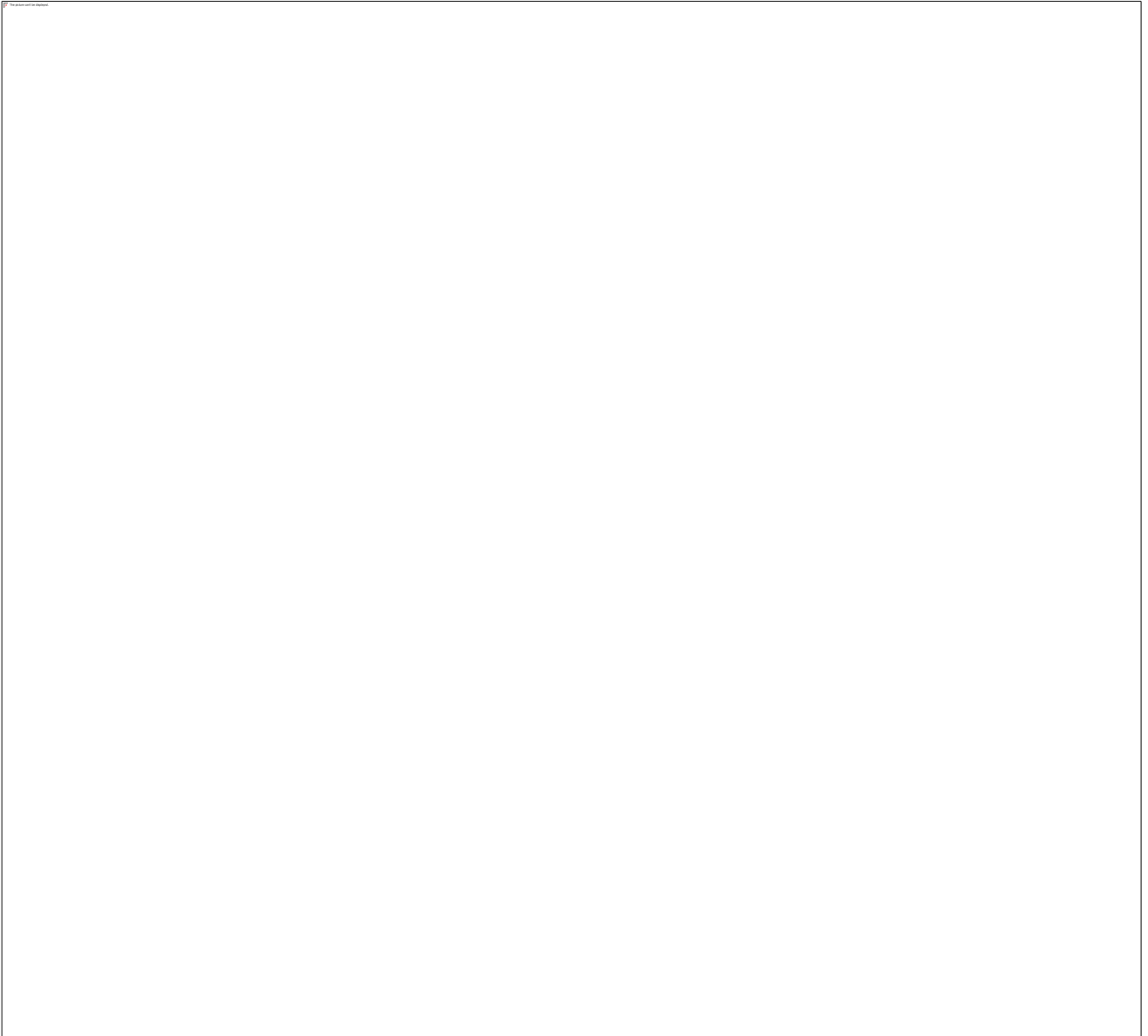
Figure 2. Confirmed Lassa fever cases by States in Nigeria, week 14, 2022




**Figure 3. Confirmed Lassa fever rate per 100,000 population for LGAs in Nigeria, week 14, 2022**



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



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



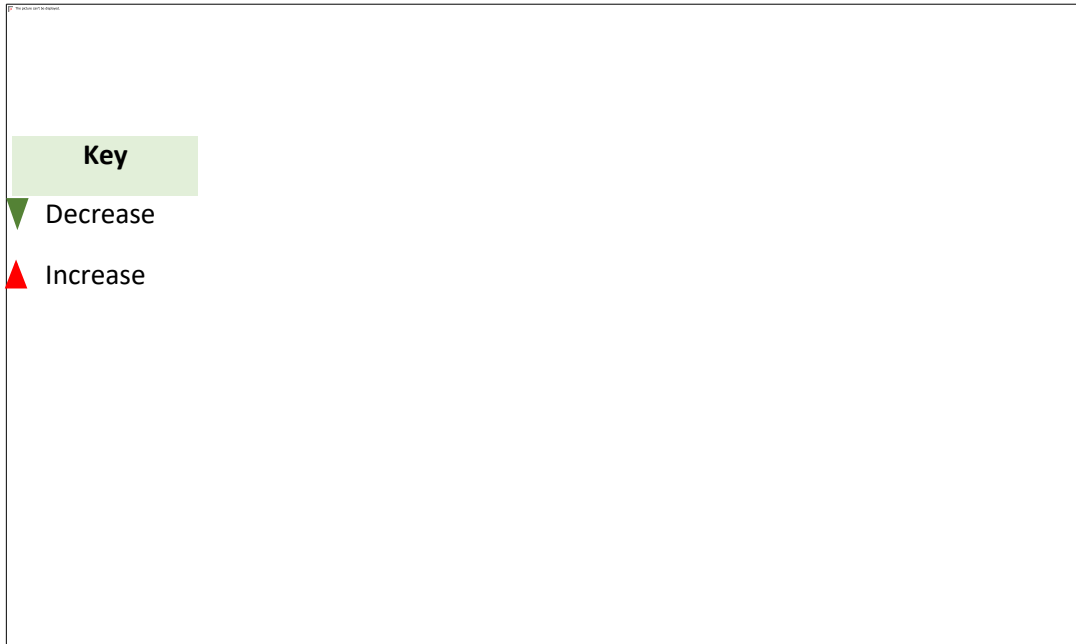


Figure 4. Age and sex pyramid showing number of confirmed Lassa fever cases for 2022

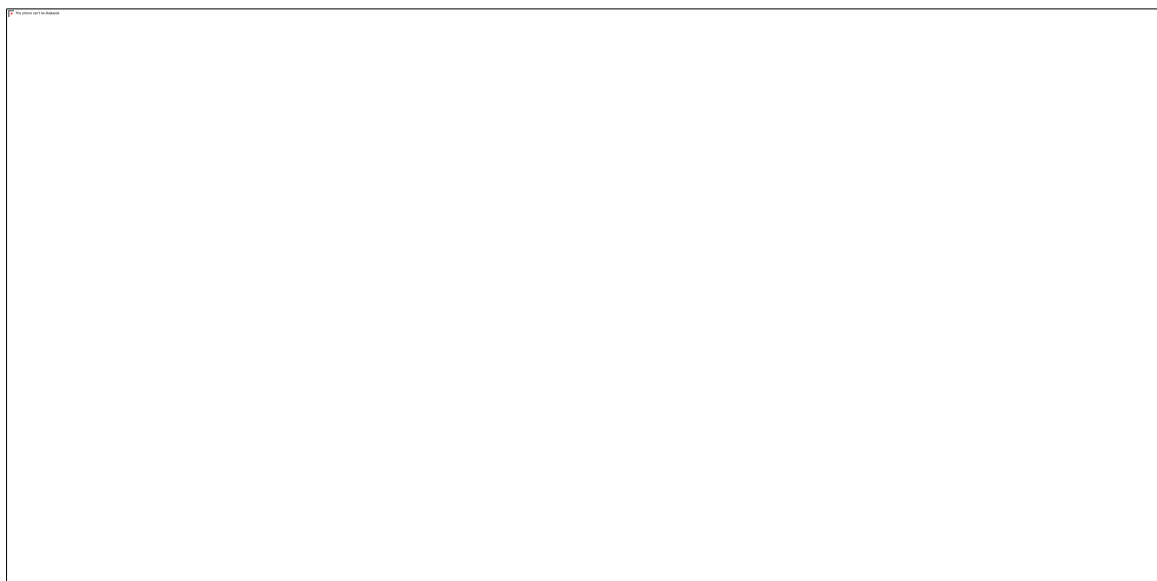
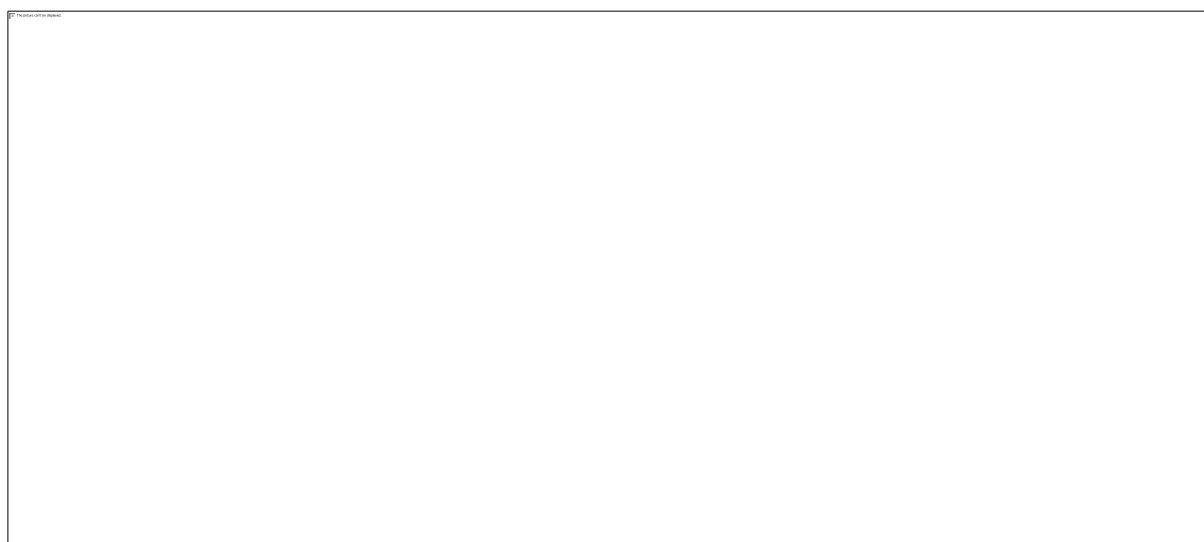


Figure 5: Number of confirmed cases with case fatality rate (CFR) by state week 14, 2022

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

### Response activities

1. Lassa fever alert letters sent to States
2. The National Emergency Operations Centre response mode Level 2 activated for effective multi-sectoral, multi-disciplinary coordination of 2022 Lassa fever outbreak response
3. Lassa fever preparedness assessment carried out for 36 States and FCT
4. State Public Health Emergency Operations Centre activated in affected States
5. 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
6. Confirmed cases are treated at identified treatment centres across the states
7. Dissemination of reviewed case management and safe burial practices guidelines
8. Dissemination of reviewed IPC guideline and health facility IPC advisory



## Lassa Fever Situation Report

9. Risk communications and community engagement activities have been scaled up across states using television, radio, print, social media and other strategies
10. Implementation of Lassa fever Environmental response campaign in high burden states by Federal Ministry of Environment
- 11.** Distribution of medical response commodities to states and treatment centre
- 12.** Engagement of adhoc data clerks to upload case management data on SORMAS
- 13.** Deployment of National Rapid Respond Teams (NRRT) deployment to Nasarawa, FCT, Edo, Ondo, Bauchi, Ebonyi, Oyo, Taraba, and Benue
- 14.** 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

1. **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.
2. **Confirmed case:** any suspected case with laboratory confirmation (positive IgM antibody, PCR or virus isolation)
3. **Probable case:** any suspected case (see definition above) who died or absconded without collection of specimen for laboratory testing
4. **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

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



**Lassa Fever Situation Report**

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**

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