



OVERVIEW OF THE LASSA FEVER SITUATION IN NIGERIA

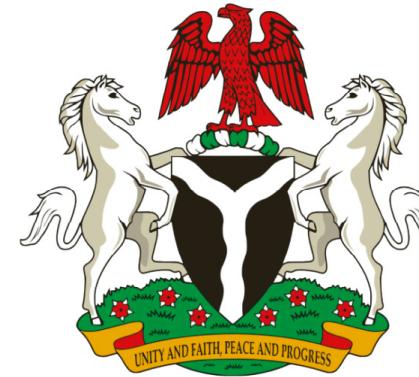
2020-2025



As of 2025, week 8

DISCLAIMER

- **References:** Nigeria Centre for Disease control (NCDC), see here:



Nigeria Center for Disease Control and Prevention

- **More information:** for a dynamic report of the Lassa fever situation in Nigeria , go to [🔗](#)

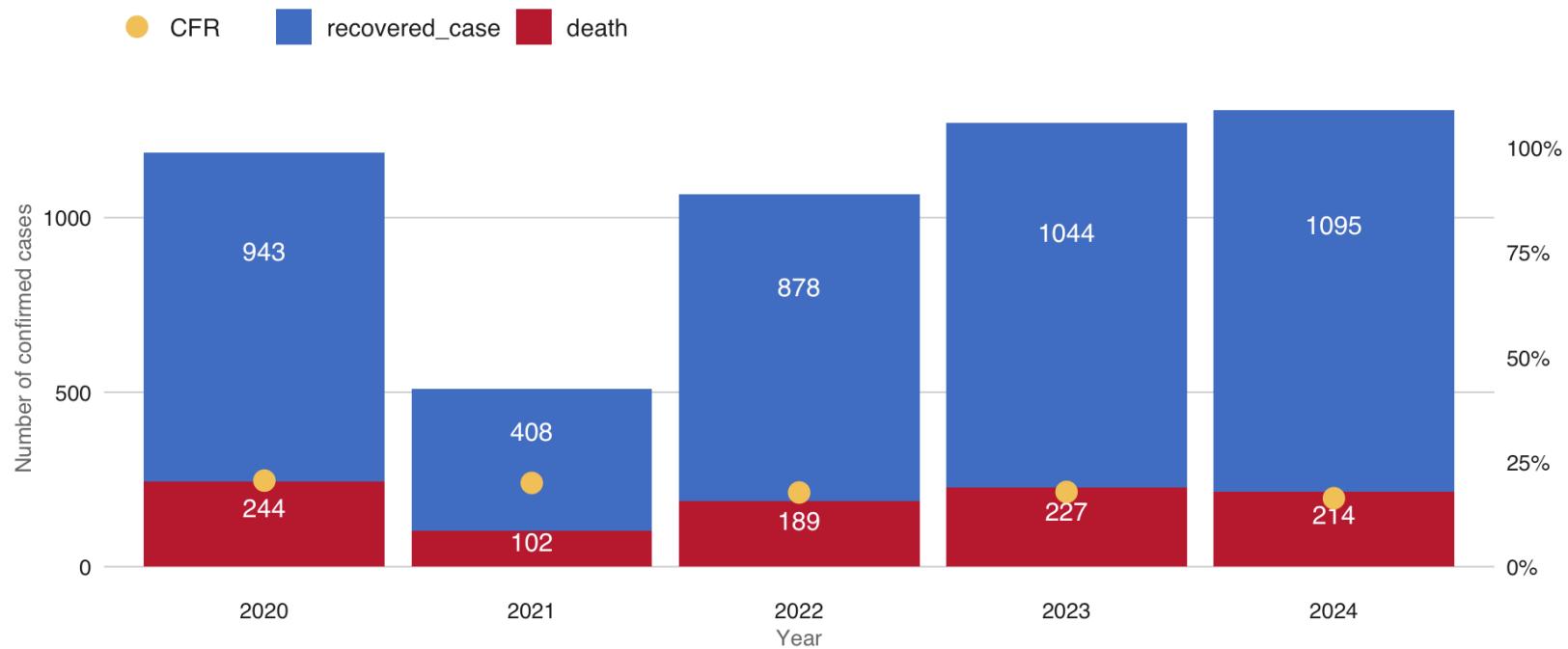
LASSA FEVER IN NIGERIA - DATA FROM 2020 TO 2024

As of 2025, week 8



THE OVERALL BURDEN OF LASA FEVER IN NIGERIA

Cumulative number of confirmed Lassa fever cases and deaths with case fatality ratio (CFR) in Nigeria by year, 2020-2024



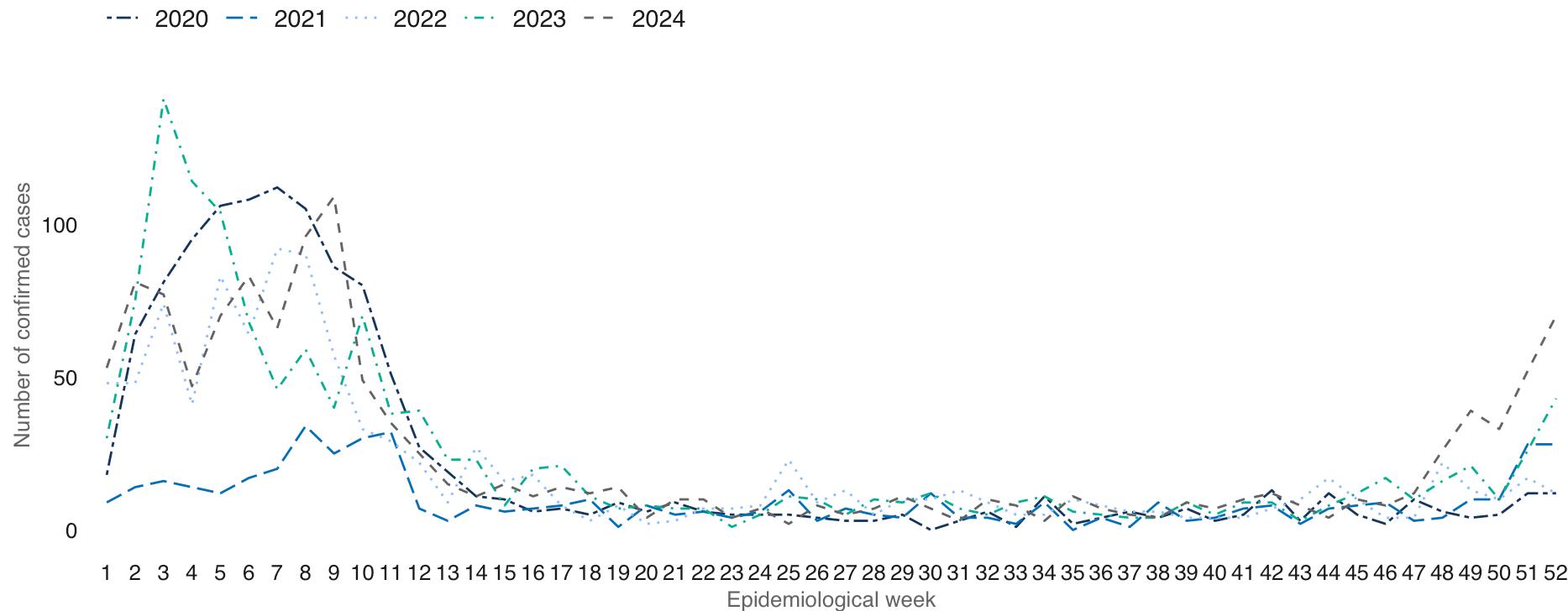
- Nigeria has the highest burden of Lassa fever cases in West Africa.
- Strengthening of capacity for laboratory diagnostics and case management in previous years resulted in greater case detection.
- Major LF outbreaks reported in since 2018, with **5344 confirmed cases** since 2020.

As of 2025, week 8

THE EFFECT OF SEASONALITY ON THE LASA FEVER INCIDENCE

Number of confirmed Lassa fever cases reported in Nigeria by week and year

From 2020 to 2024

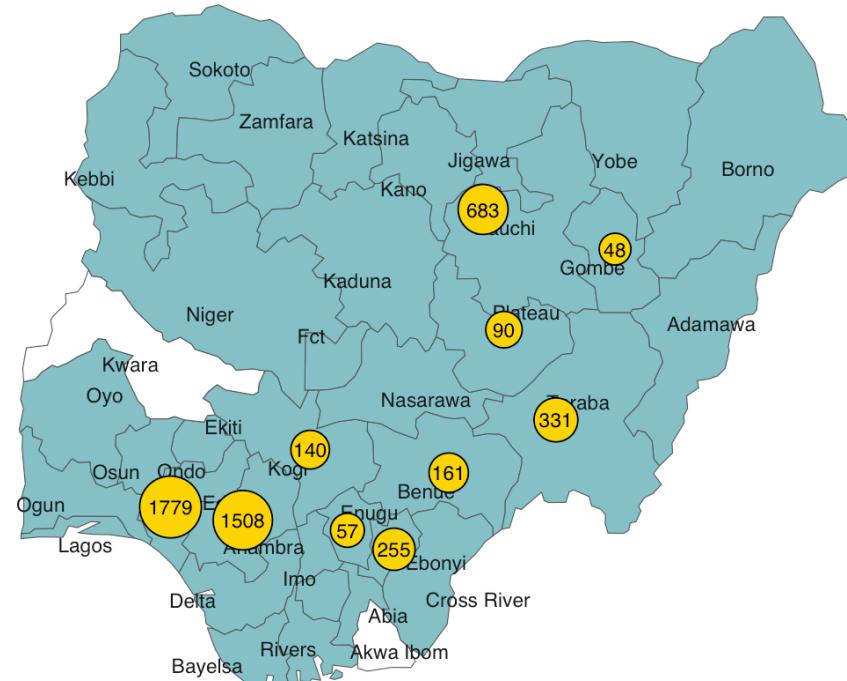


- Lassa fever cases in Nigeria by week show a seasonal effect: the number of cases peaks during the **dry season period** (from epi week 47 - week 12).
- The seasonal increase of Lassa fever cases during the dry period may be attributed to an increase of the infected rodent population, or a seasonal behavioural change in the human population (or a mix of both) resulting in a higher risk of exposure with infected animals and/or to food or household items contaminated with rodent excreta.

As of 2025, week 8

LASSA FEVER IN NIGERIA: WHERE DO EFFORTS NEED TO FOCUS?

Lassa fever outbreak – overview from January 2020 to December 2024

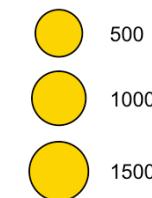


source: Nigeria Center for Disease Control (NCDC)

States reporting cases:



States reporting ≥10 cases a year on average:



Cumulatively, from January 2018 to December 2024, 75% of all Lassa fever confirmed cases were from Ondo (33%), Edo (31%) and Bauchi (11%) States.

- Total confirmed cases: 5850
- Deaths from Confirmed Cases: 1071
- Case Fatality Ratio: 20%
- Number of Health Care Workers: 228

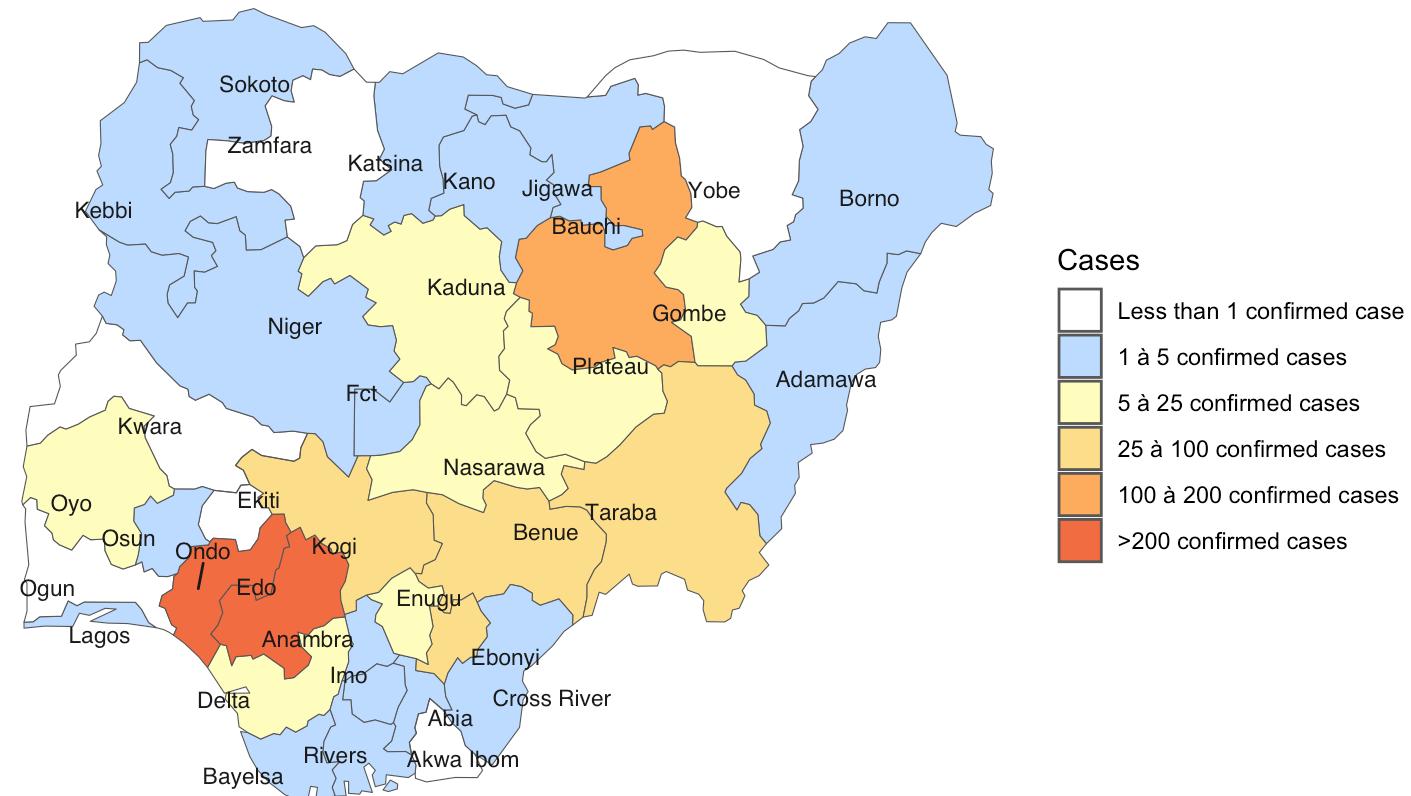
As of 2025, week 8

LASSA FEVER CONFIRMED CASES AND CFR BY STATE, NIGERIA 2020-2024

Confirmed cases

CFR

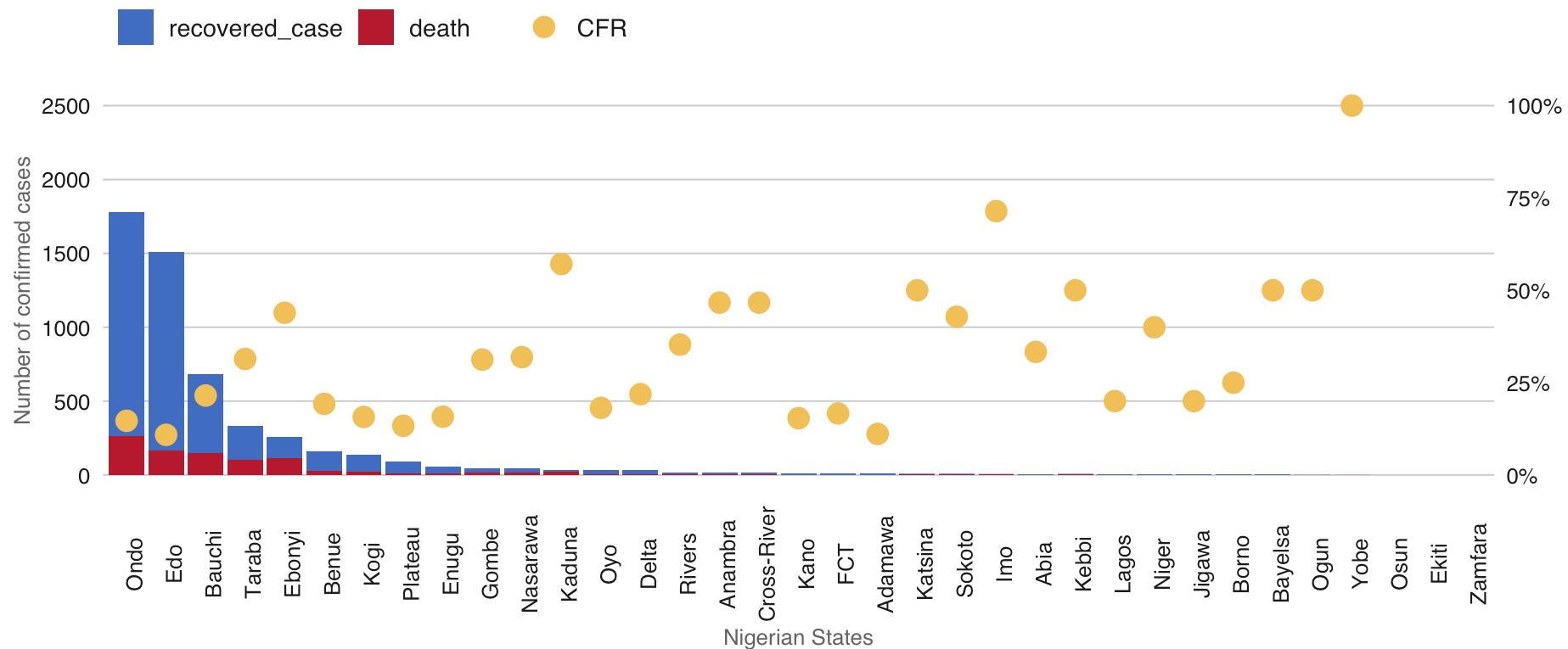
Lassa fever confirmed cases reported per year
2020-2024 (average per year)



As of 2025, week 8

CASE FATALITY RATE (CFR) AMONG CONFIRMED LASSA FEVER CASES

Cumulative number of confirmed Lassa fever cases and deaths with case fatality ratio (CFR) in Nigeria by state, 2020-2024

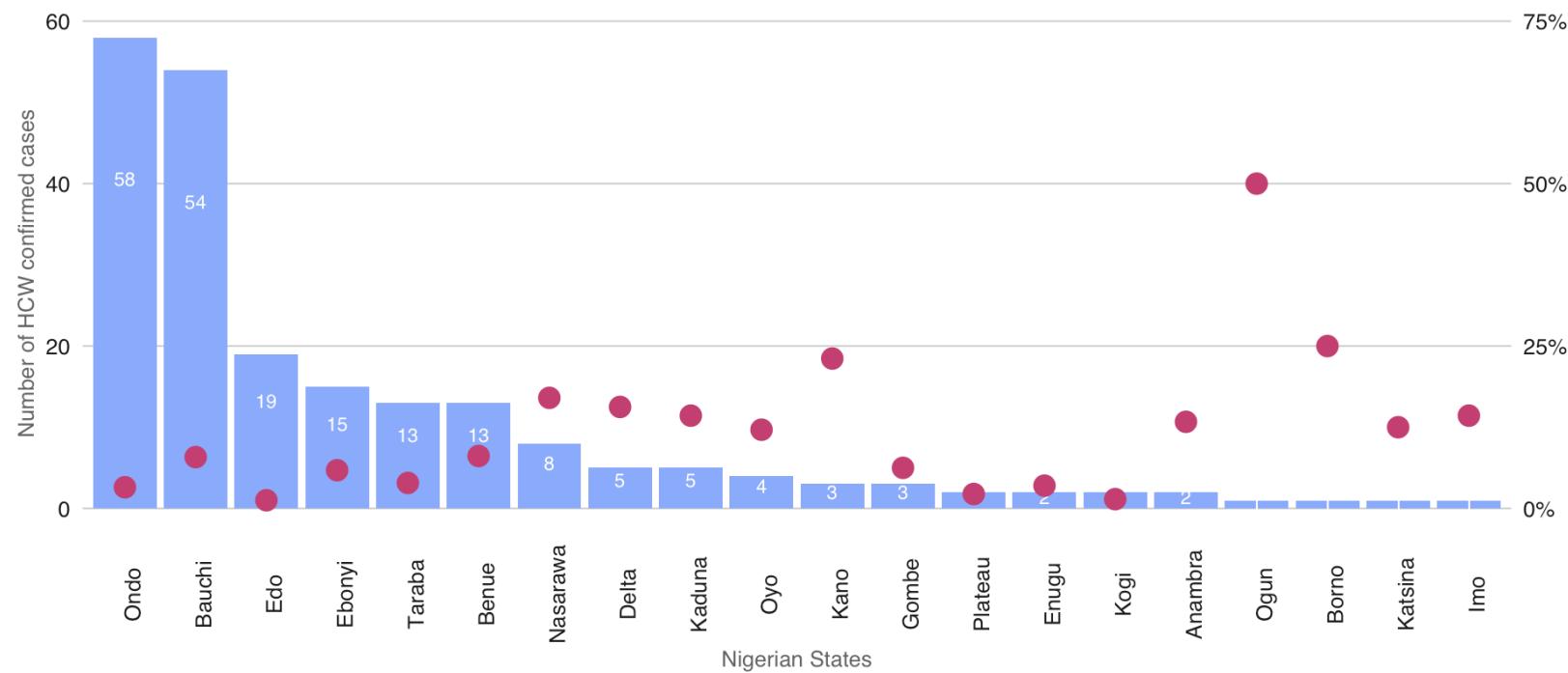


- From 2017-2024, CFR among all laboratory confirmed cases in Nigeria was **between 16-27%** and decreased over the years.
- In 2024, overall **CFR for Nigeria was 16%** and differed greatly by individual State.
- In general, variation of CFR is likely due to late presentation of patients and differences in case management which may indicate a need for improvement.

As of 2025, week 8

LASSA FEVER INFECTIONS AMONG HEALTHCARE WORKERS

Cumulative number of confirmed HCW (n=212) by state and % among confirmed cases, 2020-2024



- From 2020-2024, a total of **212 healthcare workers (HCW)** were reported among confirmed cases, that is **4% of Lassa fever cases**.
- From 2020-2024, **60% of all HCW infections** were from Ondo (26%), Bauchi (20%), Edo (15%) States where 75% of all Lassa fever patients were being cared for. 12% of HCW infections are reported from Ebonyi where 6% of Lassa fever patients were being cared for.
- Higher proportion of HCW** in States with low incidence (10-30%).

As of 2025, week 8

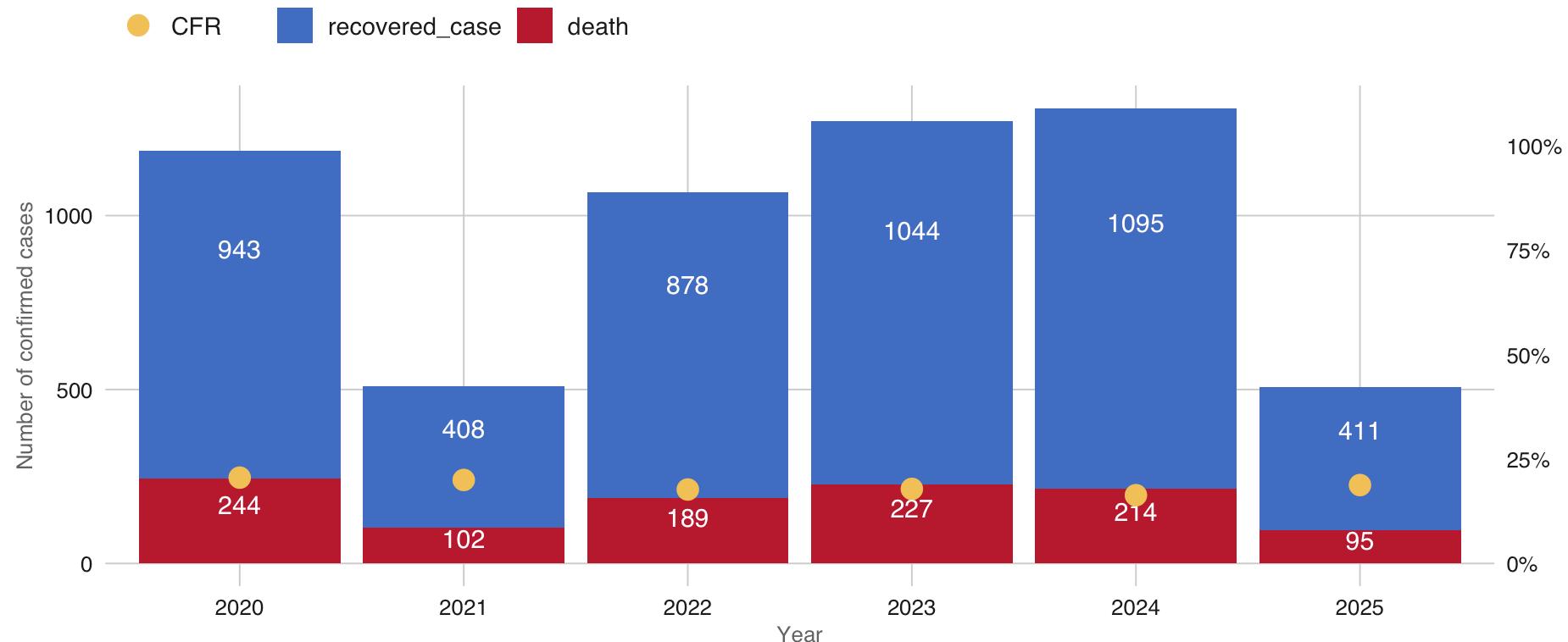
LASSA FEVER IN 2025 - DATA FROM EPI-WEEK 1 TO EPI-WEEK 8

As of 2025, week 8



CUMULATIVE NUMBER OF CONFIRMED LASSA FEVER CASES

Cumulative number of confirmed Lassa fever cases and deaths with case fatality ratio (CFR) in Nigeria by year, 2020-2025, epiweek 8



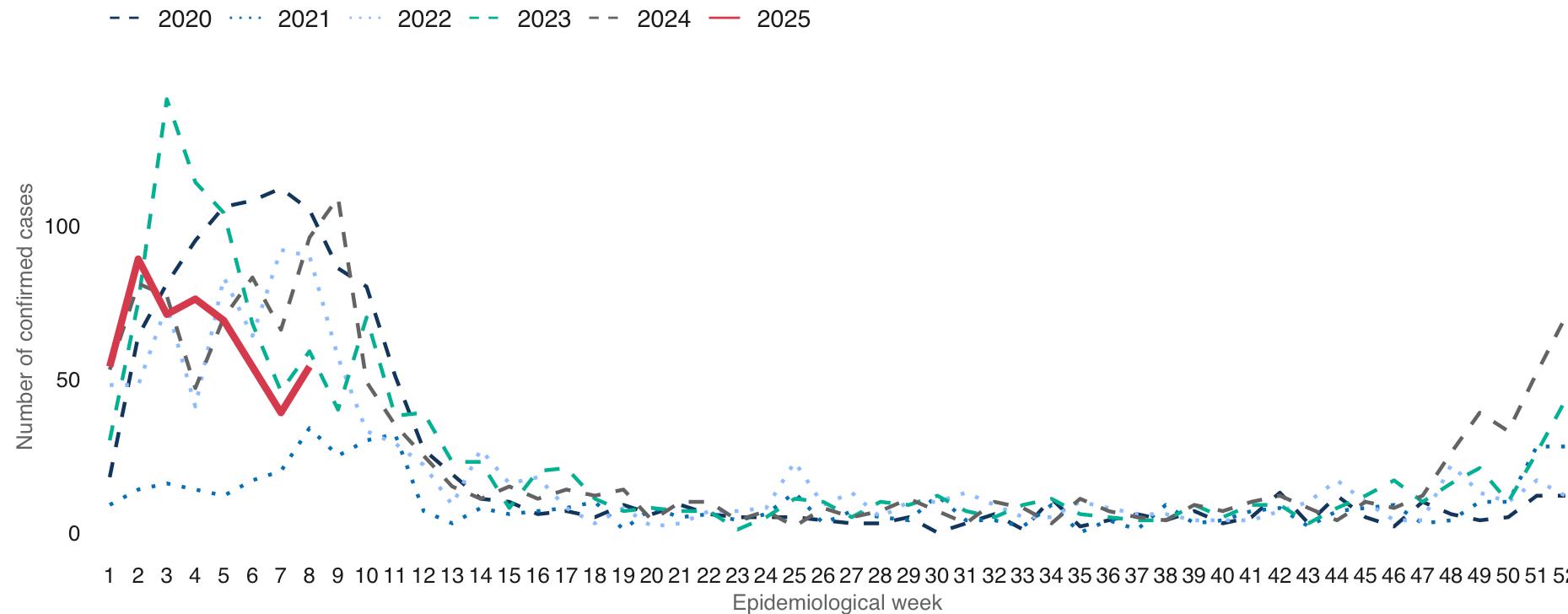
- Nigeria has the highest burden of Lassa fever cases in West Africa.
- Strengthening of capacity for laboratory diagnostics and case management in previous years resulted in greater case detection.
- Major LF outbreaks reported in since 2018, with 5344 confirmed cases since 2020.

As of 2025, week 8

SEASONALITY OF LASSA FEVER

Number of confirmed Lassa fever cases reported in Nigeria by week and year

From 2020 to 2025, epiweek 8

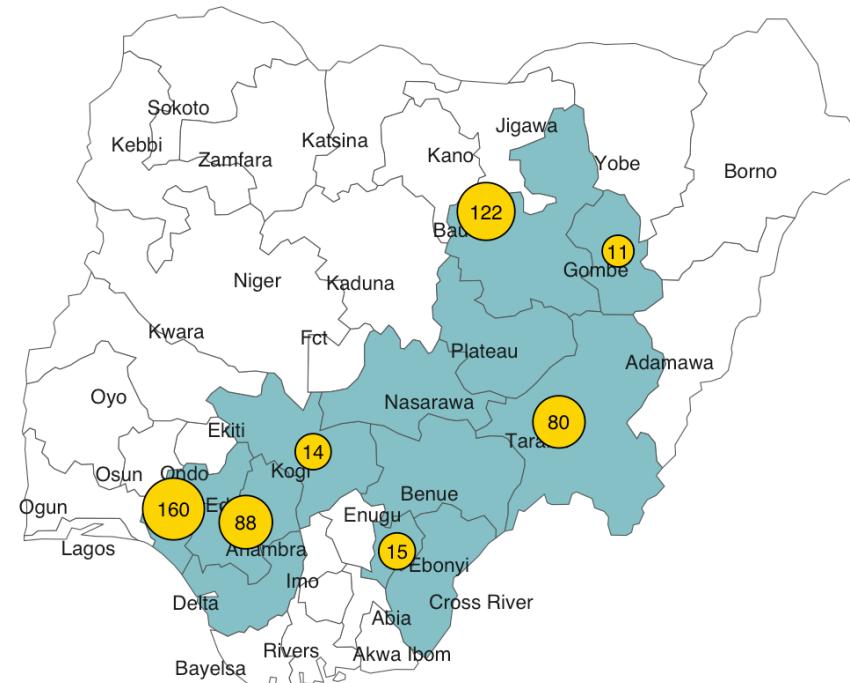


- In 2025, similar trend as per previous years confirming a seasonal effect on Lassa fever incidence.
- Compared to 2024, 12% decrease in the cumulative number of confirmed cases reported.

As of 2025, week 8

STATES REPORTING LASSA FEVER CONFIRMED CASES IN 2025

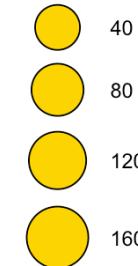
Lassa fever outbreak 2025, as of epi-week 8



States reporting cases:



States reporting ≥10 cases in 2025



- In 2025, as of epi week 8, 89% of LF cases are from Ondo (32%), Bauchi (24%), Edo (17%), and Taraba (16%) States.
- Total confirmed cases: 506
- Deaths from Confirmed Cases: 95
- Case Fatality Ratio: 19%
- Number of Health Care Workers: 16

source: Nigeria Center for Disease Control (NCDC)

As of 2025, week 8

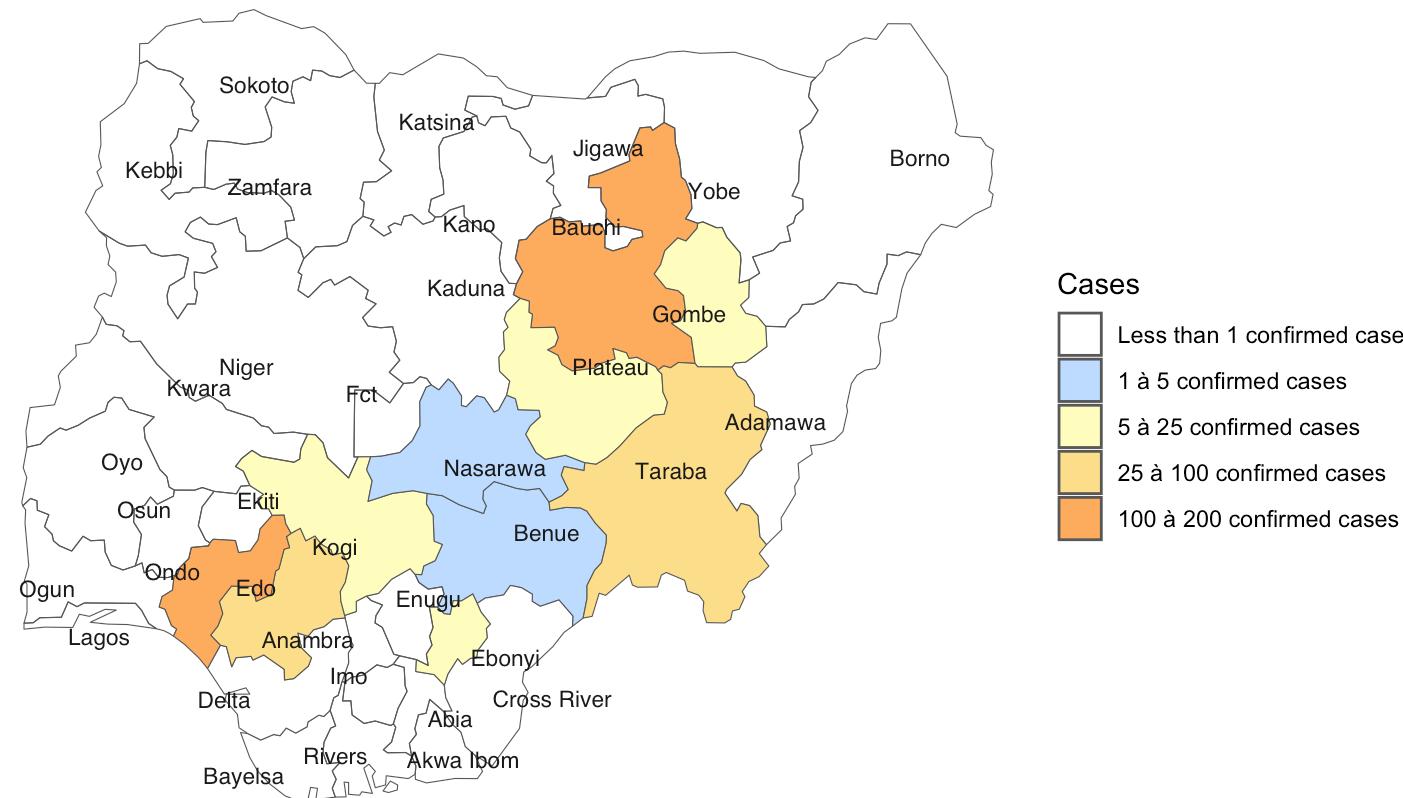
LASSA FEVER CONFIRMED CASES AND CFR BY STATE IN 2025

Confirmed cases

CFR

Lassa fever confirmed cases reported

2025, as of epiweek 8

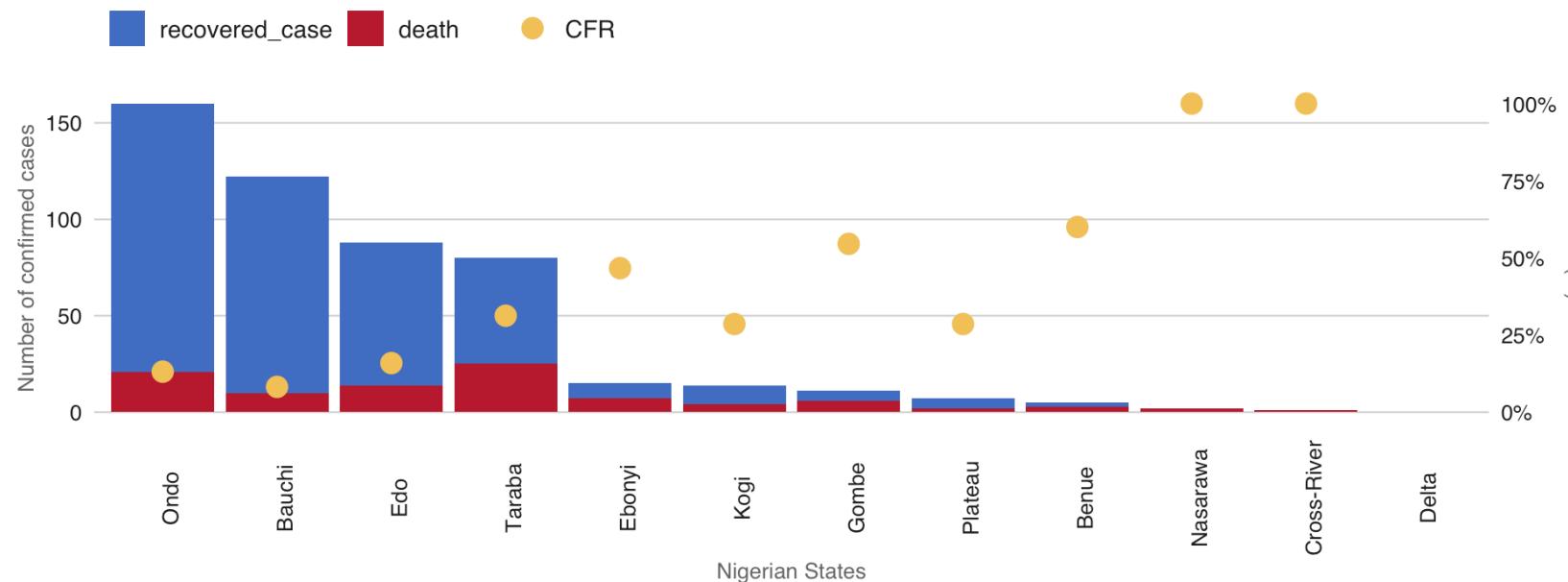


As of 2025, week 8

CASE FATALITY RATIO AMONG CONFIRMED LASSA FEVER CASES BY STATE IN 2025

Cumulative number of confirmed Lassa fever cases and deaths with case fatality ratio (CFR) in Nigeria by state

2025, as of epiweek 8

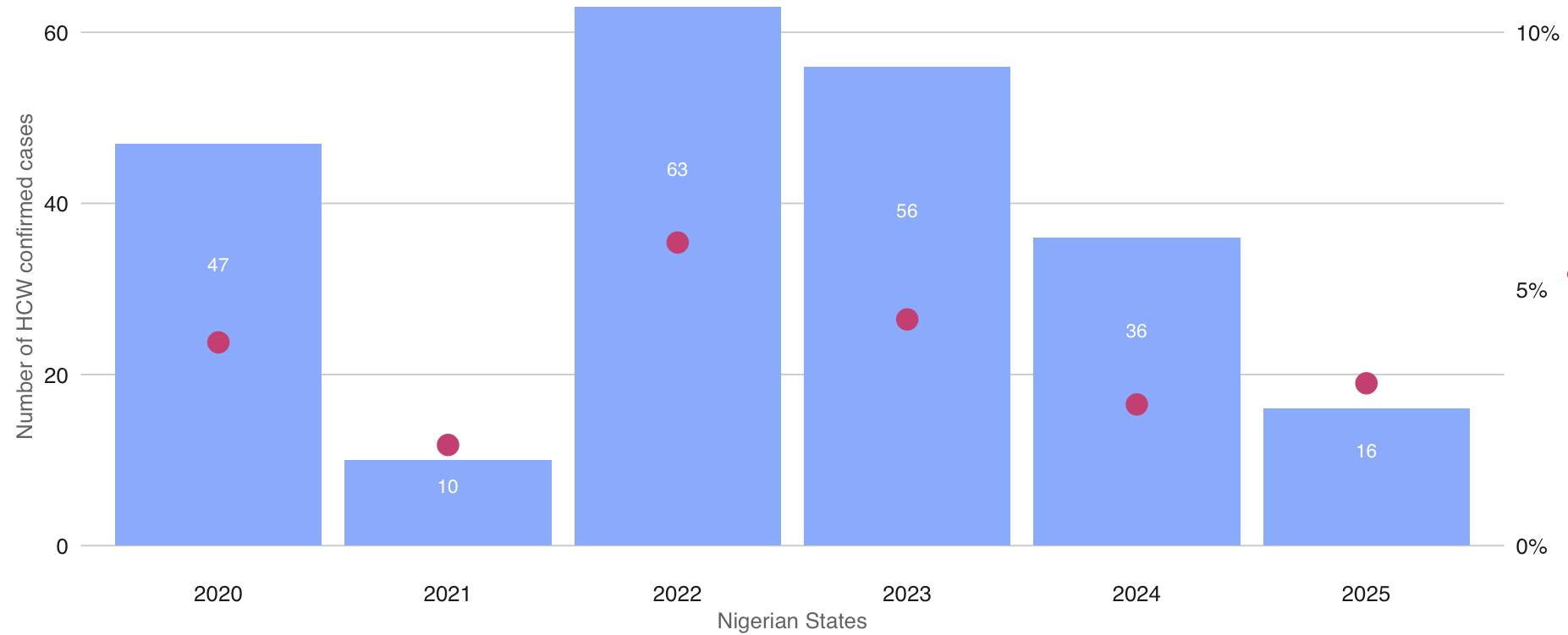


- As of epi week 8 2025, cumulatively 506 cases and 95 deaths (CFR=19%) across 12 States have been reported
- At same period 2024, a total of 24 States reported at least one confirmed cases.
- There is a 22% decrease in the number of suspected cases reported in 2025 compared to 2024.
- In 2024, 32 States had reported at least one suspected case versus 29 in 2025 to date.

As of 2025, week 8

HEALTH CARE WORKER INFECTIONS 2020-2025 EPIWEEK 8

**Cumulative number of confirmed HCW (n=228) by state and % among confirmed cases,
2020-2025**



- As of epi week 8 of 2025, there has been 16 healthcare workers infected, that is 3% of confirmed cases.
- 8 HCW infections in Ondo, 4 in Bauchi, 2 in Gombe, 1 in Edo and 1 in Taraba.

As of 2025, week 8

LASSA FEVER IN MOST AFFECTED STATES - DATA FROM 2020 TO 2025 (AS OF EPI-WEEK 8)

As of 2025, week 8

LASSA FEVER IN ONDO STATE, 2020-2025

2025 2024 2023 2022 2021 2020

Ondo, 2025



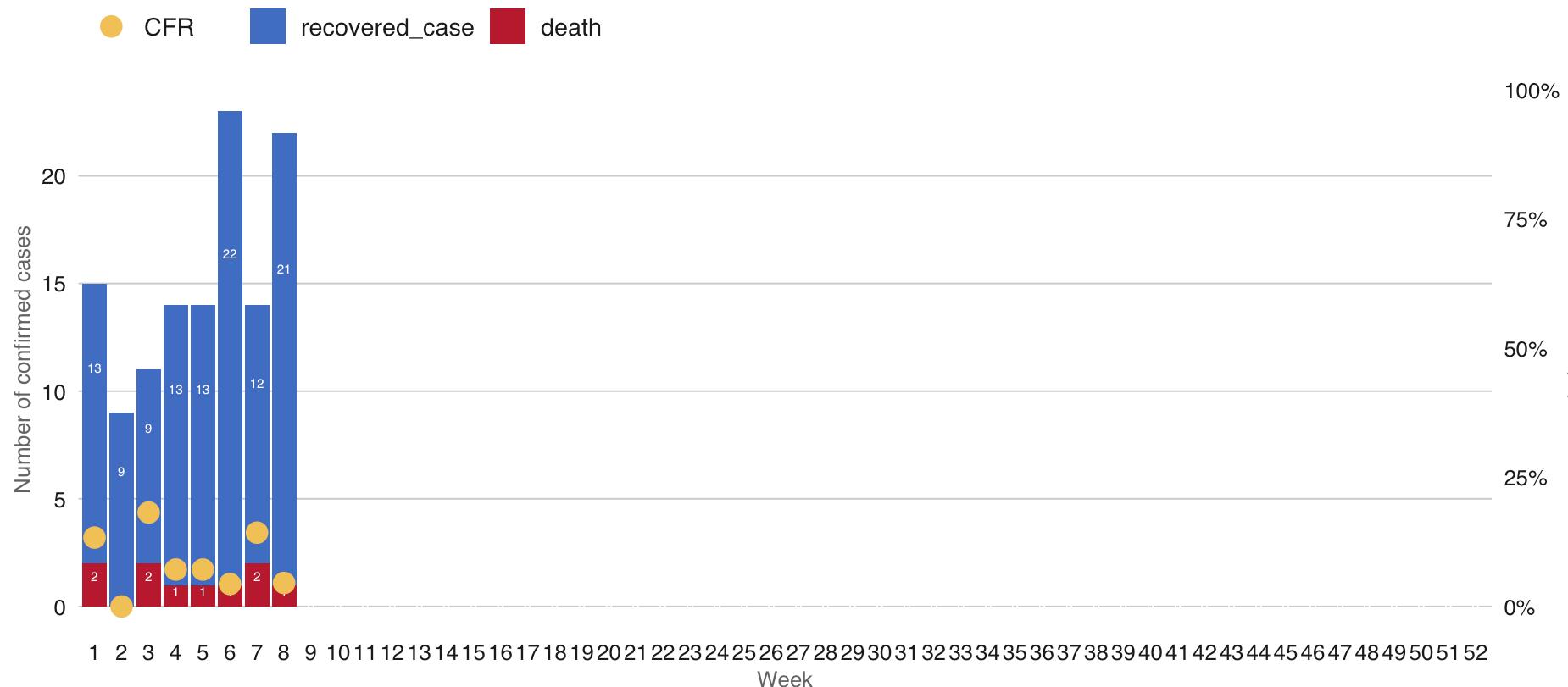
- As of week 8, 2025, Ondo State reported **1939 confirmed cases** including **282 deaths** (CFR 15%).
- In 2025 only, Ondo State reported **160 confirmed cases** including **21 deaths** (CFR 13%).
- Compared to same period 2024, this represents a **24% increase** in the number of confirmed cases and a **69% increase** in CFR.

As of 2025, week 8

LASSA FEVER IN BAUCHI STATE, 2020-2025

2025 2024 2023 2022 2021 2020

Bauchi, 2025



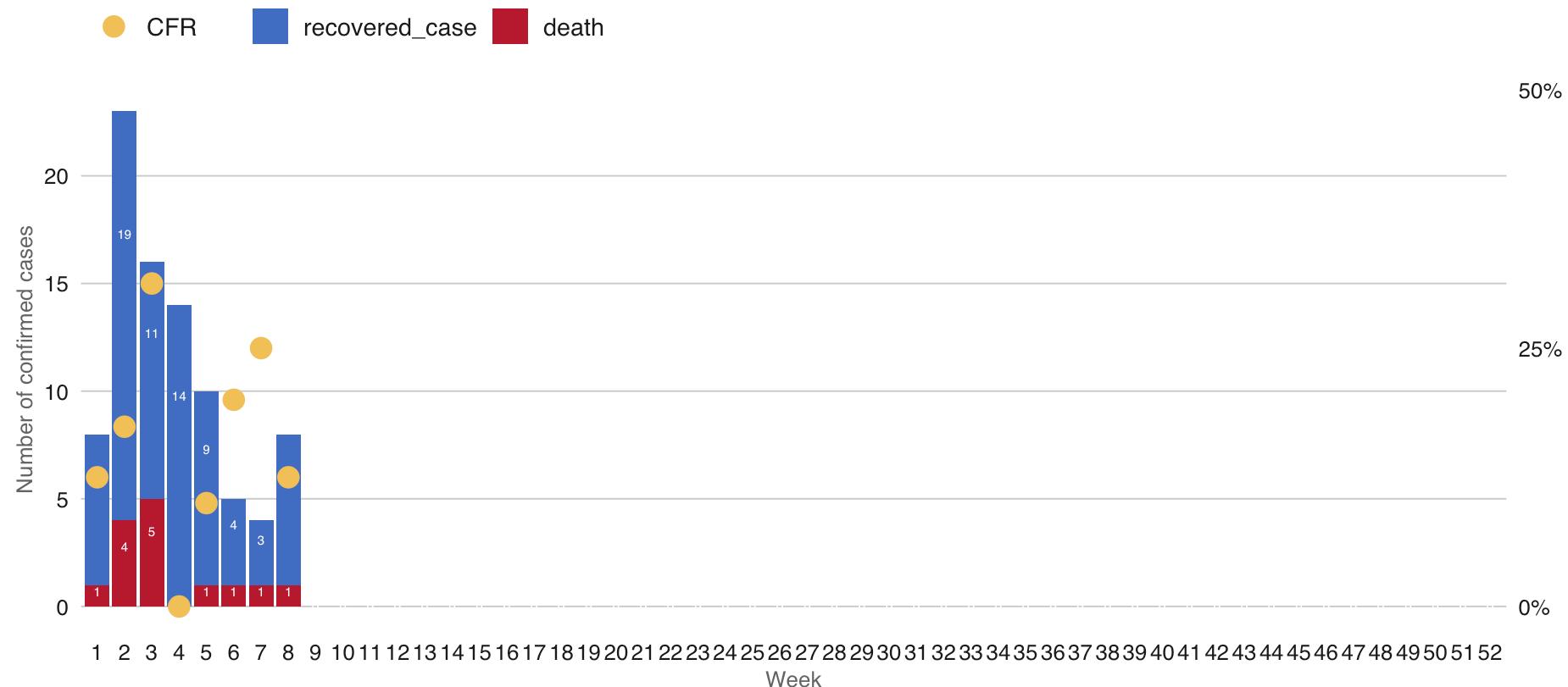
- As of week 8, 2025, Bauchi State reported **805 confirmed cases** including **157 deaths** (CFR 20%).
- In 2025 only, Bauchi State reported **122 confirmed cases** including **10 deaths** (CFR 8%).
- Compared to same period 2024, this represents a **42% increase** in the number of confirmed cases and a **65% decrease** in CFR.

As of 2025, week 8

LASSA FEVER IN EDO STATE, 2020-2025

2025 2024 2023 2022 2021 2020

Edo, 2025



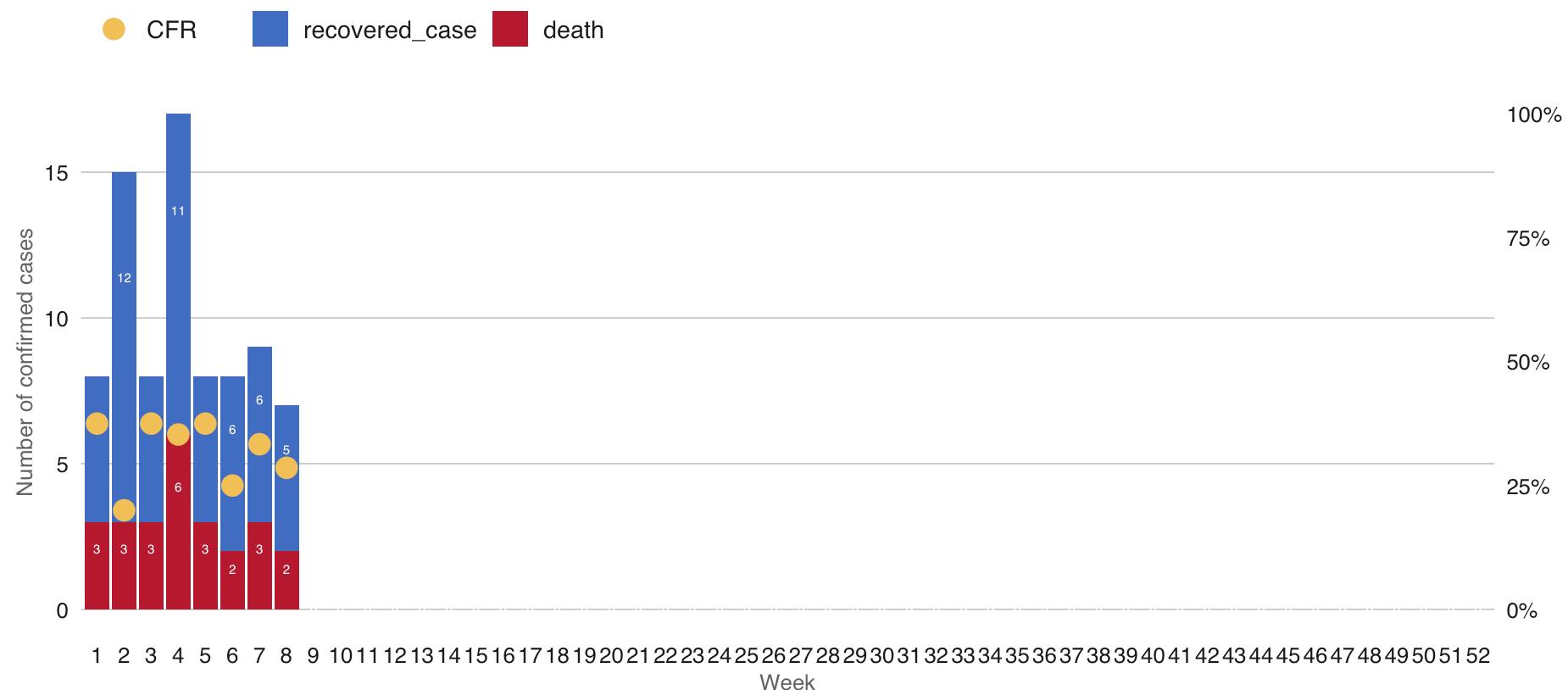
- As of week 8, 2025, Edo State reported **1596 confirmed cases** including **178 deaths** (CFR 11%).
- In 2025 only, Edo State reported **88 confirmed cases** including **14 deaths** (CFR 16%).
- Compared to same period 2024, this represents a **41% decrease** in the number of confirmed cases and a **31% increase** in CFR.

As of 2025, week 8

LASSA FEVER IN TARABA STATE, 2020-2025

2025 2024 2023 2022 2021 2020

Taraba, 2025



- As of week 8, 2025, Taraba State reported **411 confirmed cases** including **129 deaths** (CFR 31%).
- In 2025 only, Taraba State reported **80 confirmed cases** including **25 deaths** (CFR 31%).
- Compared to same period 2024, this represents a **16% increase** in the number of confirmed cases and a **27% increase** in CFR.

As of 2025, week 8

LASSA FEVER IN EBONYI STATE, 2020-2025

2025 2024 2023 2022 2021 2020

Ebonyi, 2025



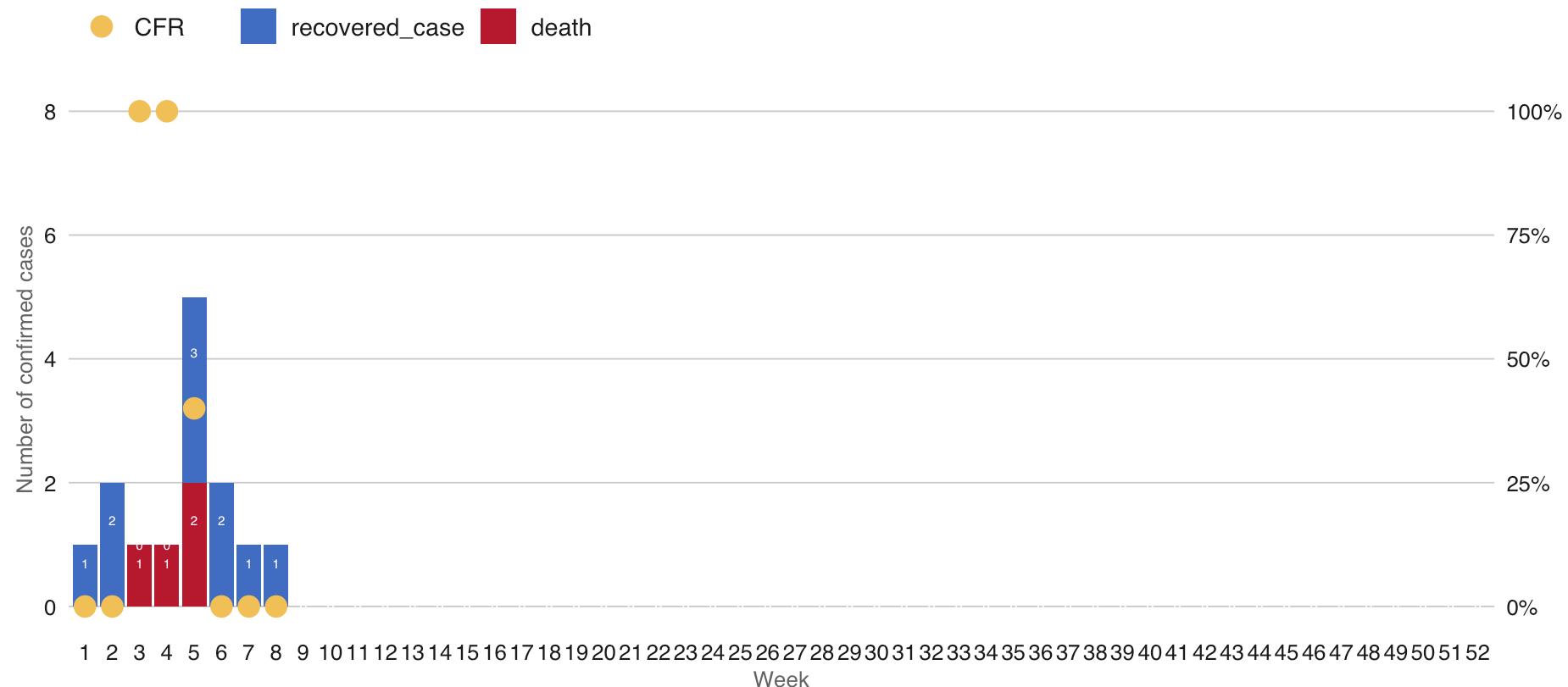
- As of week 8, 2025, Ebonyi State reported **270 confirmed cases** including **119 deaths** (CFR 44%).
- In 2025 only, Ebonyi State reported **15 confirmed cases** including **7 deaths** (CFR 47%).
- Compared to same period 2024, this represents a **50% decrease** in the number of confirmed cases and a **12% decrease** in CFR.

As of 2025, week 8

LASSA FEVER IN KOGI STATE, 2020-2025

2025 2024 2023 2022 2021 2020

Kogi, 2025



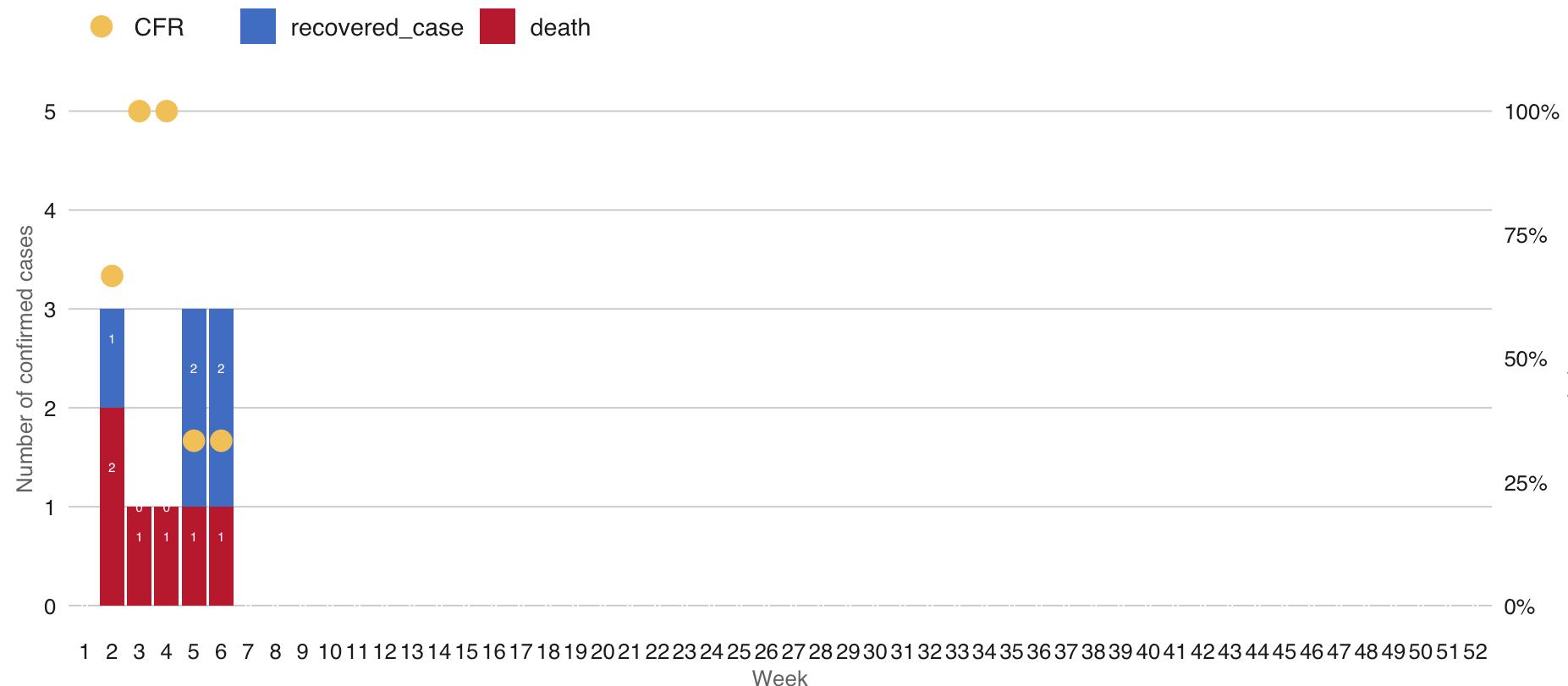
- As of week 8, 2025, Kogi State reported **154 confirmed cases** including **26 deaths** (CFR 17%).
- In 2025 only, Kogi State reported **14 confirmed cases** including **4 deaths** (CFR 29%).
- Compared to same period 2024, this represents a **26% decrease** in the number of confirmed cases and a **443% increase** in CFR.

As of 2025, week 8

LASSA FEVER IN GOMBE STATE, 2020-2025

2025 2024 2023 2022 2021 2020

Gombe, 2025



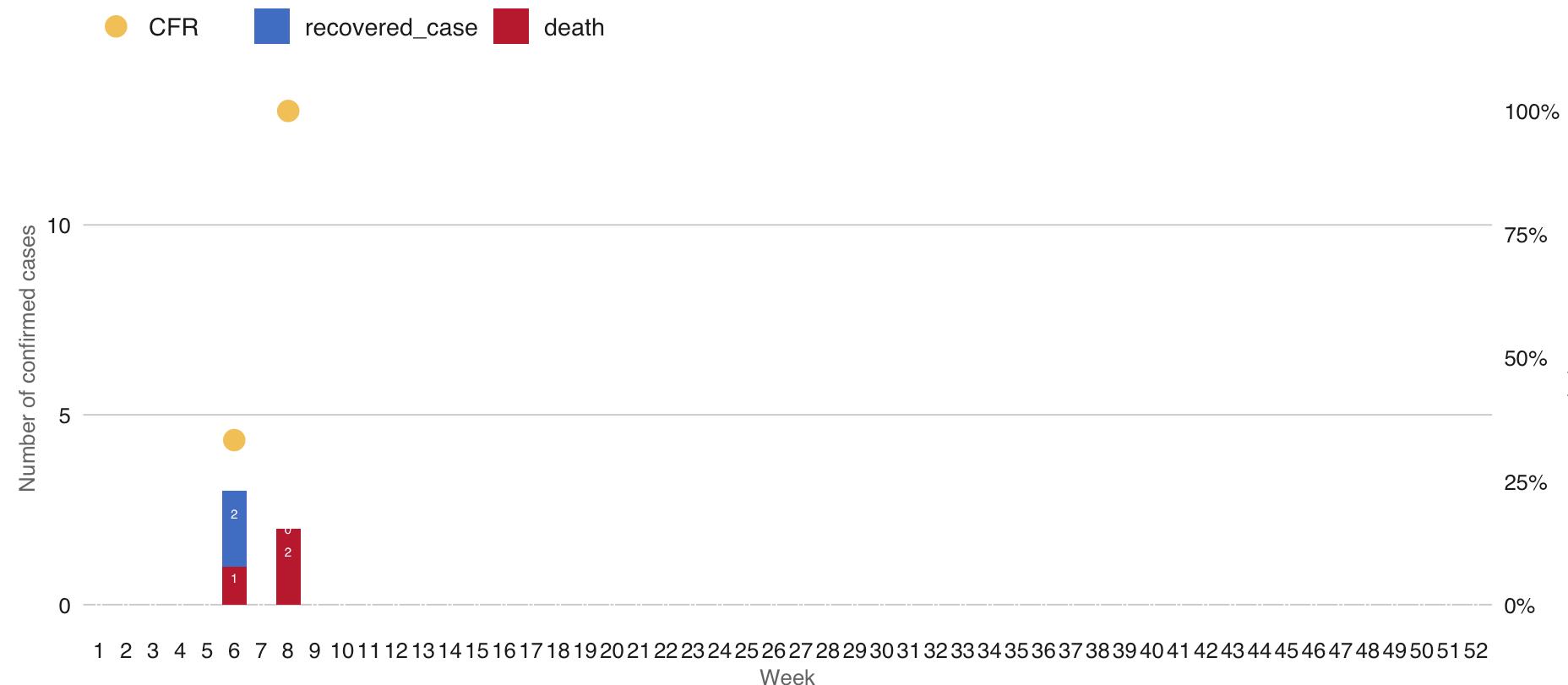
- As of week 8, 2025, Gombe State reported **59 confirmed cases** including **21 deaths** (CFR 36%).
- In 2025 only, Gombe State reported **11 confirmed cases** including **6 deaths** (CFR 55%).
- Compared to same period 2024, this represents a **267% increase** in the number of confirmed cases and a **64% increase** in CFR.

As of 2025, week 8

LASSA FEVER IN BENUE STATE, 2020-2025

2025 2024 2023 2022 2021 2020

Benue, 2025



As of 2025, week 8

- As of week 8, 2025, Benue State reported **166 confirmed cases** including **34 deaths** (CFR 20%).
- In 2025 only, Benue State reported **5 confirmed cases** including **3 deaths** (CFR 60%).
- Compared to same period 2024, this represents a **88% decrease** in the number of confirmed cases and a **260% increase** in CFR.

THANK YOU

Any questions or suggestions? Contact us: [Anaïs Legand](#) and [Antoine Chaillon](#)