



SITUATION REPORT

Nigeria Centre for Disease Control and Prevention

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|-----------------------|--|
| TITLE: | UPDATE ON MPOX (MPX) IN NIGERIA |
| SERIAL NUMBER: | 15 |
| EPI-WEEK: | 15 |
| DATE: | April 16, 2023 |

Table 1 – Key Indicators

| Reporting Year | Reporting week | Suspected cases | Confirmed cases | Deaths (Confirmed cases) | Case Fatality Ratio (CFR) | States Affected (Confirmed cases) | LGAs Affected (Confirmed cases) |
|-----------------|----------------|-----------------|-----------------|--------------------------|---------------------------|-----------------------------------|---------------------------------|
| 2023 Current | Week 15 | 26 | 1 | 0 | 0.0 | 1 | 1 |
| 2023 Cumulative | Week 15 | 574 | 71 | 2 | 3.0 | 18 +FCT | 51 |
| 2022 Cumulative | Week 15 | 42 | 14 | 0 | 0.0 | 6 + FCT | 8 |

Highlights

- In week 15, the number of new suspected cases is 26, same as 26 cases reported in week 14, 2023. These were reported from fourteen (14) states and FCT– Imo (5), Nasarawa (3), Ogun (3), Bayelsa (3), Anambra (2), Enugu (2), Kano (1), Cross River (1), Katsina (1), Benue (1), Kaduna (1), Zamfara (1), FCT (1), Akwa Ibom (1) and Lagos (1) across 20 Local Government Areas.
- Since week 1 of 2023, eighteen (18) states and FCT have recorded at least one confirmed Mpx case across fifty-one (51) Local Government Areas. In 2023, the States with the highest burden are Lagos (31.0%), Ogun (12.7%), Abia (8.5%), Imo (5.6%) and Edo (5.6%), contributing 62.9% of confirmed cases.
- The number of confirmed cases is One (1) in week 15, 2023, compared with Zero (0) confirmed cases reported in week 15, 2023.
- No death was recorded in week 15, with a CFR of 0.0% same as CFR of 0.0% that was reported in week 14, 2023.
- Overall, since the re-emergence of Mpx in September 2017, 3208 suspected cases have been reported from 36 states and FCT in the country. Of these 3208 suspected cases, 1059 (33.0%) were confirmed (with males predominantly affected) from 34 states and FCT. seventeen (17) deaths have been recorded since the re-emergence in 2017.
- The National Mpx multi-partner, multi-sectoral Technical Working Group (TWG) continues to coordinate the response activities at all levels.



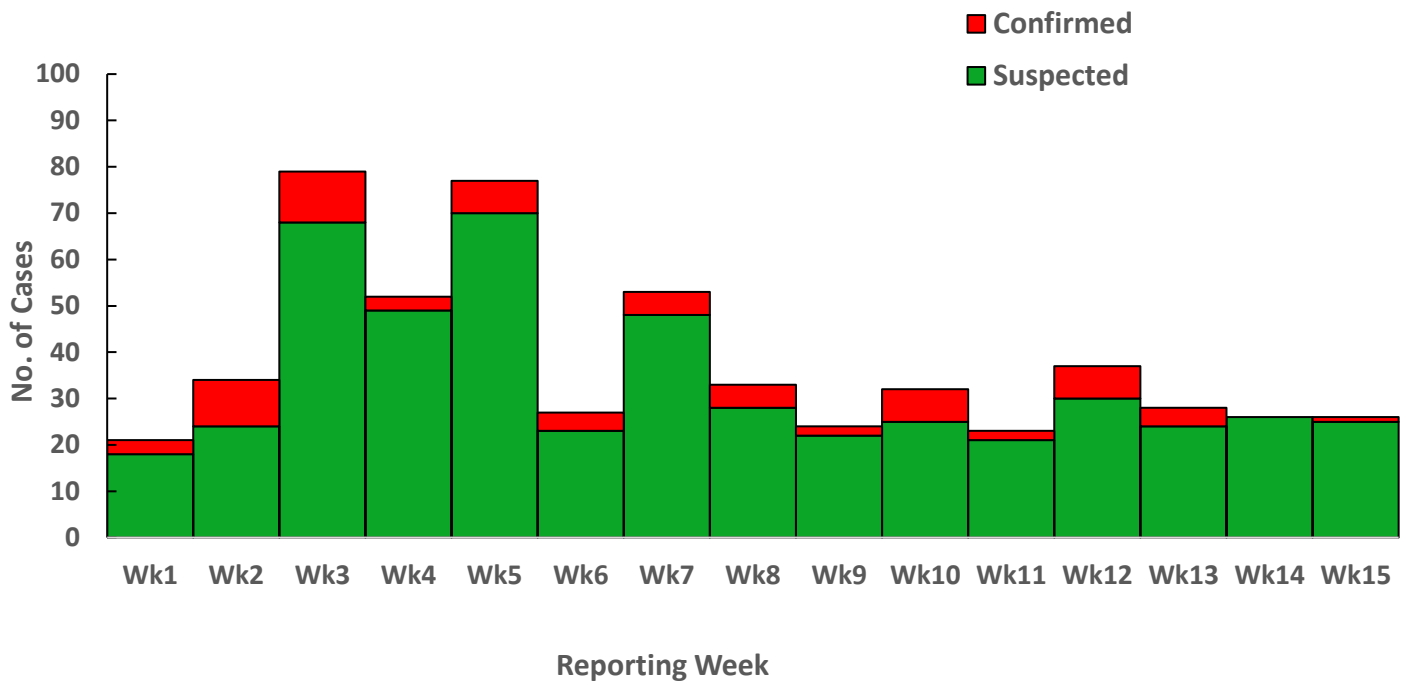


Figure 1: Epidemic curve of suspected and confirmed Mpox cases January 2023 till date.

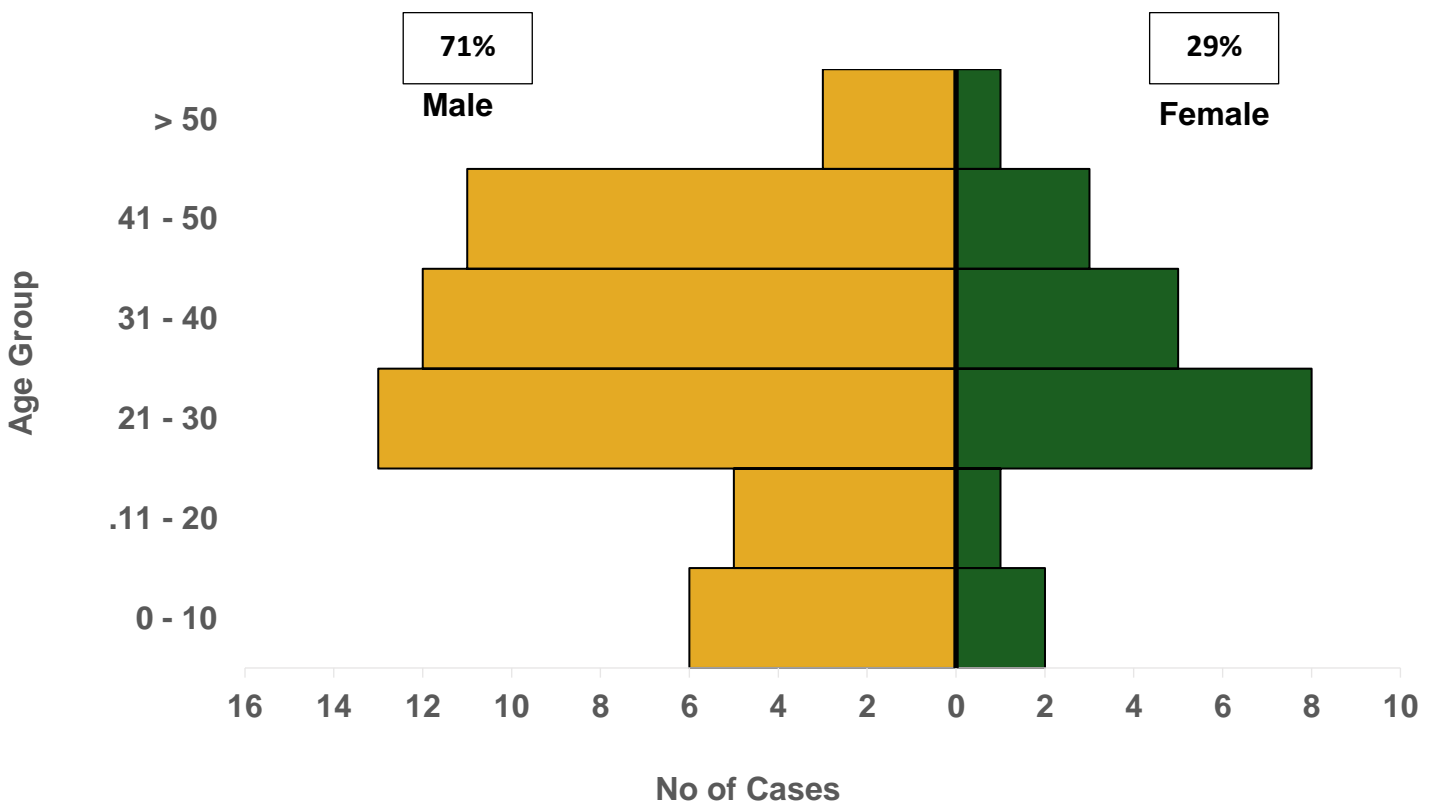


Figure 2: Age and sex distribution of Nigeria confirmed monkeypox cases from January 2023 till date.

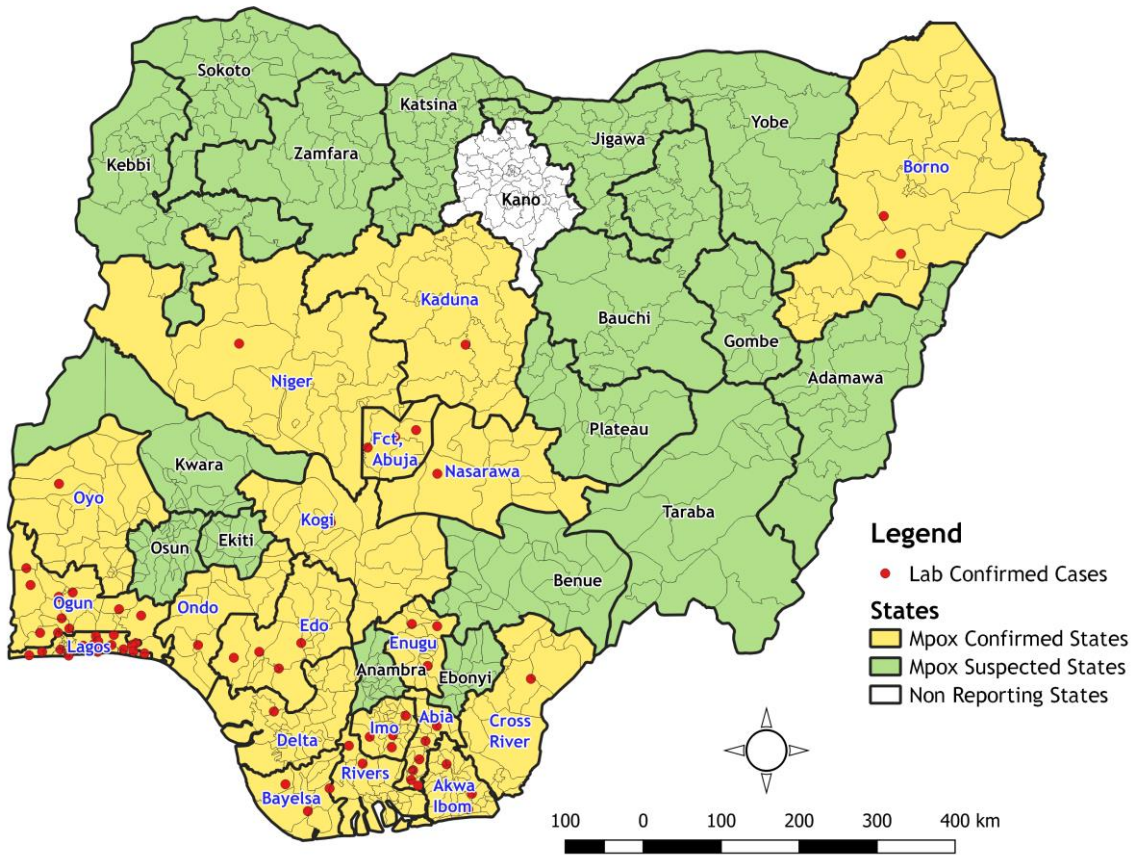


Figure 3: Map of Nigeria showing States with suspected and confirmed Mpox Cases from January 2023 till date.

Figure 4: Area chart for States showing the trend in suspected and confirmed Mpox cases in highest burden States from January 2023 till date.

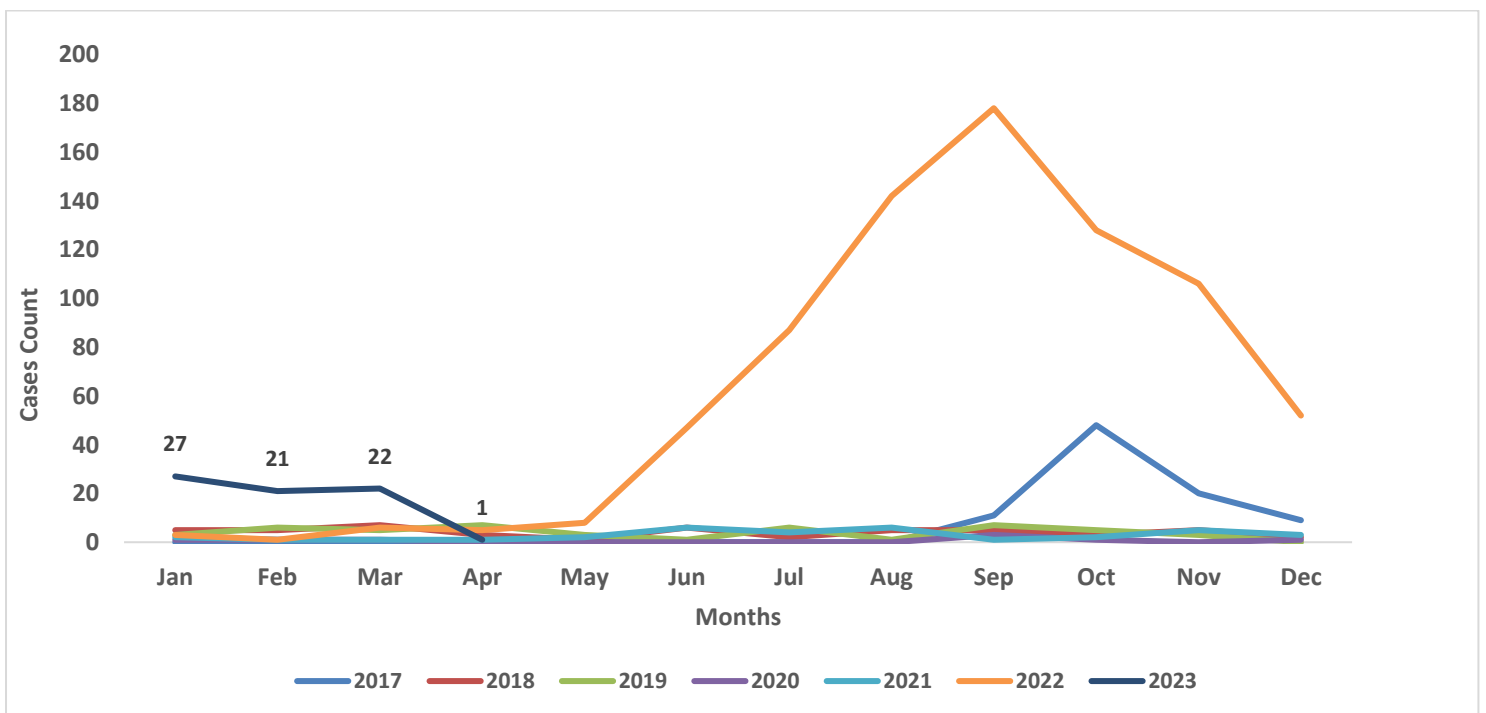


Figure 5: Nigeria confirmed Mpox cases by the year of incidence- September 2017 to 16th April 2023.

Table 1: Summary statistics for annual Nigeria Mpox cases by reporting year, September 2017 – 16th April 2023

| Reporting year | Suspected cases | Confirmed cases | Deaths (Confirmed cases) | Case Fatality Ratio (CFR) | States Affected (Confirmed cases) | LGAs Affected (Confirmed cases) |
|----------------|-----------------|-----------------|--------------------------|---------------------------|-----------------------------------|---------------------------------|
| 2023 | 574 | 71 | 2 | 3.0 | 18 +FCT | 51 |
| 2022 | 2123 | 762 | 7 | 0.9 | 34 + FCT | 238 |
| 2021 | 98 | 34 | 0 | 0.0 | 8 + FCT | 25 |
| 2020 | 35 | 8 | 0 | 0.0 | 5 | 7 |
| 2019 | 65 | 47 | 1 | 2.1 | 11 | 26 |
| 2018 | 116 | 49 | 1 | 2.0 | 13 | 25 |
| 2017 | 198 | 88 | 6 | 6.8 | 14 + FCT | 33 |

Table 2: Age distribution of cumulative number of confirmed Mpox cases September 2017 – 16th April 2023

| Age Group | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|--------------|-----------|-----------|-----------|----------|-----------|------------|-----------|-------------|
| 0-10 Years | 7 | 5 | 1 | 0 | 1 | 125 | 8 | 147 |
| 11-20 Years | 12 | 4 | 1 | 0 | 4 | 123 | 6 | 150 |
| 21-30 Years | 34 | 13 | 13 | 4 | 10 | 187 | 22 | 283 |
| 31- 40 Years | 26 | 17 | 22 | 4 | 13 | 205 | 17 | 304 |
| 41-50 Years | 9 | 10 | 9 | 0 | 5 | 89 | 14 | 136 |
| > 50 Years | 0 | 0 | 1 | 0 | 1 | 33 | 4 | 39 |
| Total | 88 | 49 | 47 | 8 | 34 | 762 | 71 | 1059 |

Table 3: Nigeria confirmed Mpox cases by State, September 2017 – 16th April 2023

| S/N | State | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | Total |
|-----|--------------------|-----------|-----------|-----------|----------|-----------|------------|-----------|-------------|
| 1 | Lagos | 4 | 1 | 15 | 4 | 6 | 188 | 22 | 240 |
| 2 | Rivers | 25 | 14 | 7 | 1 | 5 | 37 | 3 | 92 |
| 3 | Bayelsa | 19 | 11 | 7 | 0 | 6 | 45 | 2 | 90 |
| 4 | Abia | 1 | 2 | 0 | 0 | 0 | 58 | 6 | 67 |
| 5 | Delta | 3 | 6 | 10 | 1 | 9 | 31 | 1 | 61 |
| 6 | Imo | 5 | 2 | 1 | 0 | 0 | 45 | 4 | 57 |
| 7 | Ogun | 0 | 0 | 0 | 0 | 1 | 40 | 9 | 50 |
| 8 | Ondo | 0 | 0 | 0 | 0 | 0 | 40 | 1 | 41 |
| 9 | Edo | 4 | 1 | 1 | 0 | 4 | 27 | 4 | 41 |
| 10 | FCT | 5 | 0 | 0 | 0 | 1 | 25 | 3 | 34 |
| 11 | Anambra | 0 | 1 | 1 | 0 | 0 | 25 | 0 | 27 |
| 12 | Cross River | 9 | 3 | 1 | 0 | 1 | 12 | 1 | 27 |
| 13 | Kwara | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 21 |
| 14 | Plateau | 0 | 2 | 0 | 1 | 0 | 16 | 0 | 19 |
| 15 | Akwa Ibom | 6 | 0 | 1 | 0 | 0 | 12 | 3 | 22 |
| 16 | Nasarawa | 1 | 1 | 0 | 0 | 0 | 17 | 1 | 20 |
| 17 | Adamawa | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 16 |
| 18 | Oyo | 1 | 3 | 2 | 0 | 0 | 10 | 1 | 17 |
| 19 | Kaduna | 0 | 0 | 0 | 0 | 0 | 15 | 2 | 17 |
| 20 | Ebonyi | 0 | 0 | 0 | 1 | 0 | 12 | 0 | 13 |
| 21 | Benue | 2 | 0 | 0 | 0 | 0 | 10 | 0 | 12 |
| 22 | Borno | 0 | 0 | 0 | 0 | 0 | 11 | 2 | 13 |
| 23 | Enugu | 1 | 2 | 1 | 0 | 0 | 4 | 3 | 11 |
| 24 | Katsina | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 8 |
| 25 | Taraba | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 7 |
| 26 | Kano | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 7 |
| 27 | Gombe | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 6 |
| 28 | Kogi | 0 | 0 | 0 | 0 | 0 | 5 | 2 | 7 |
| 29 | Osun | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 5 |
| 30 | Ekiti | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 3 |
| 31 | Niger | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 3 |
| 32 | Kebbi | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 2 |
| 33 | Bauchi | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 34 | Zamfara | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 35 | Yobe | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| | Grand Total | 88 | 49 | 47 | 8 | 34 | 762 | 71 | 1059 |

Response activities

| Pillar | Activities to date | Next steps |
|---------------------|---|--|
| Coordination | <ul style="list-style-type: none"> • Identification of challenges in the control and management of Mpox across all reporting states • Weekly situation report development • Provide subnational support to states on all Mpox activities | <ul style="list-style-type: none"> • Map new stakeholders for Mpox based on needs assessment • Hold a facilitators debrief meeting before deployment of staff to the field |

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| Surveillance | <ul style="list-style-type: none"> • Data cleaning and analysis of Mpox data following harmonization between surveillance, laboratory and case management pillars • Support weekly situation report development • Follow up with all reporting states on variable completeness and contact information on SORMAS | <ul style="list-style-type: none"> • Offsite support to data managers and surveillance notification officers on Mpox reporting tools |
| Laboratory | <ul style="list-style-type: none"> • Ensure proper testing of Mpox samples according to international standards • Provide offsites support to all states on appropriate sample collection, transportation and management • 44% of samples met overall turnaround from NRL (time sample collected from states to time result shared to states) | Conduct training of States on Mpox Sample management |

Notes on this report.

Data Source

Information for this disease was case-based data retrieved from the National Mpox Emergency Operations Centre.

Case definitions

Suspected case

- An acute illness with fever $>38.3^{\circ}\text{C}$, intense headache, lymphadenopathy, back pain, myalgia, and intense asthenia followed one to three days later by a progressively developing rash often beginning on the face (most dense) and then spreading elsewhere on the body, including soles of feet and palms of the hand.

Probable case

- A case that meets the clinical case definition is not laboratory-confirmed but has an epidemiological link to a confirmed case.

Confirmed case.

- A clinically compatible case that is laboratory confirmed

Contact

- Any person who has been in direct or indirect contact with a confirmed case since the onset of symptoms, i.e., contact with skin lesions, oral secretions, urine, faeces, vomitus, blood, sexual contact, sharing a common space (anyone who has been in proximity with or without physical contact with a confirmed case)

Calculations

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