



SITUATION REPORT

Nigeria Centre For Disease Control and Prevention (NCDC)

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TITLE:	UPDATE ON MPOX IN NIGERIA
SERIAL NUMBER:	19
EPI-WEEK:	43 (October 21–27, 2024),
DATE:	October 27, 2024

The Mpox Emergency Operation Centre continues to monitor and manage the ongoing Mpox outbreak in the country.

Key Highlights for Epi Week 43:

- **Suspected Cases:** 44 across 13 states and the Federal Capital Territory (FCT).
- **Confirmed Cases:** 10 reported from 8 states.
- **Co-infection (Mpox and VZV):** 3 cases identified.
- **Zero deaths** were reported for the week.

Breakdown of Confirmed Cases by State in Week 43

Confirmed (10): Plateau 2, Cross River 2, Bayelsa 1, Imo 1, Kwara 1*, Lagos 1, Delta 1, Lagos 1, Ogun 1

* First confirmed case in 2024

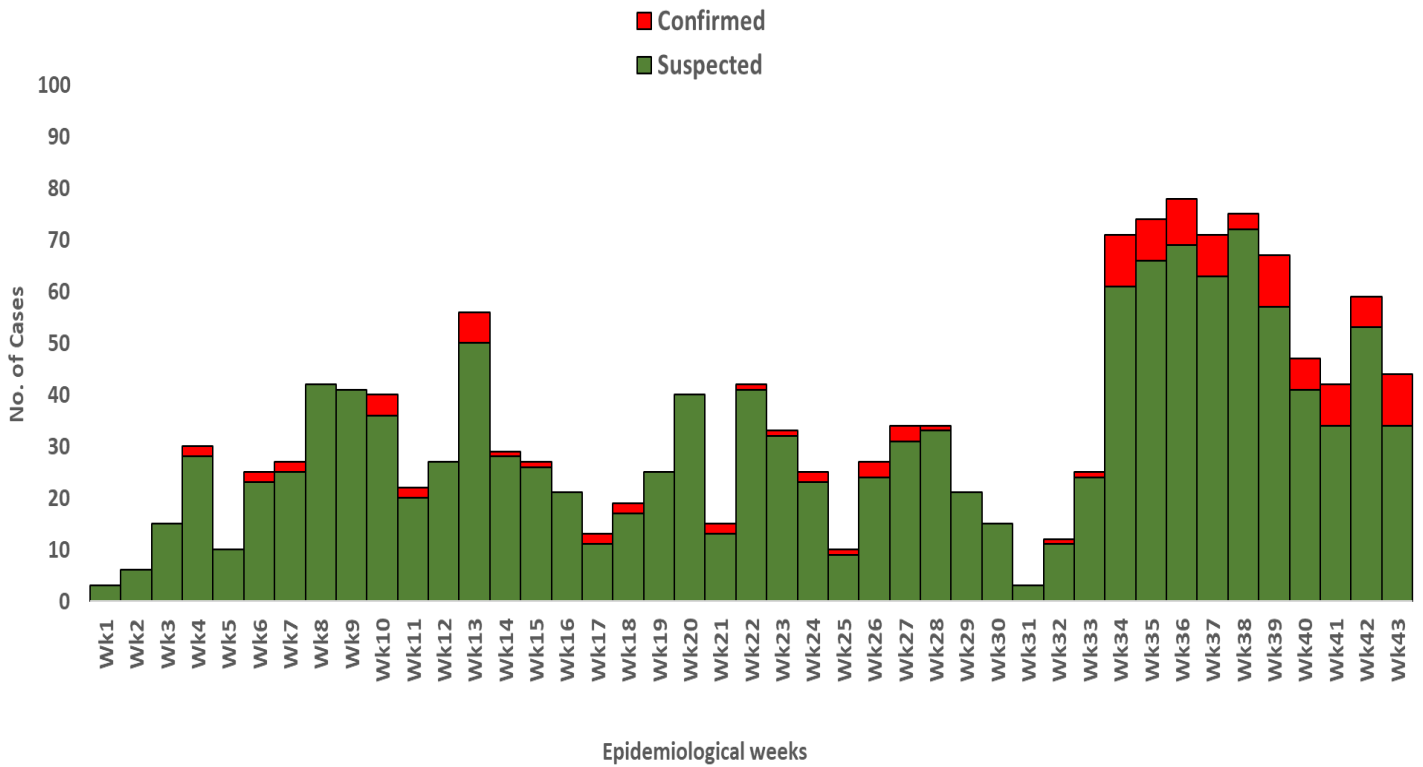
Cumulative Summary (Weeks 1–43, 2024):

- **Suspected Cases:** 1,442 from 36 states and FCT.
- **Confirmed Cases:** 118 from 28 states and FCT.
- **Co-infection Cases (Mpox & VZV):** 38 across 20 states and FCT.
- **Deaths:** 0

Mpox Trends from 2021–2024:

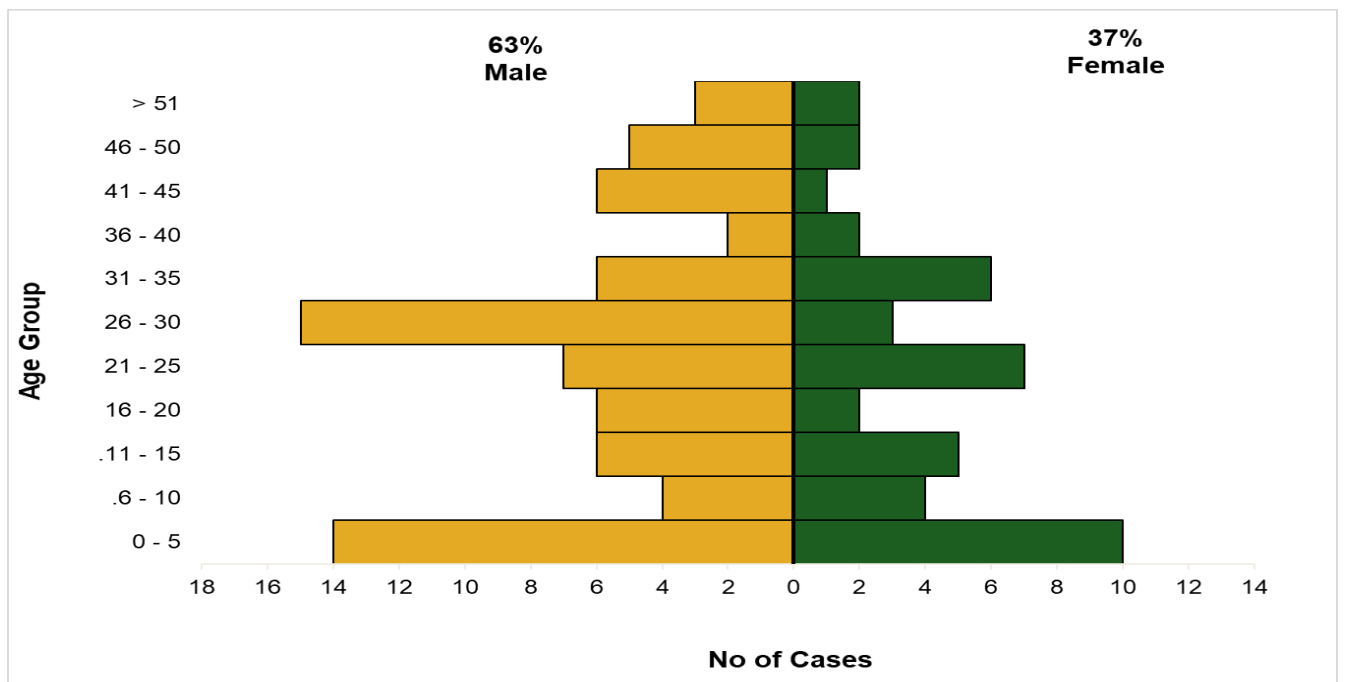
Year	Suspected Cases	Confirmed Cases	Deaths	Case Fatality Rate (CFR)	States Affected	LGAs Affected
2024	1,442	118	0	0%	28 + FCT	72
2023	1,182	98	2	2%	25 + FCT	65
2022	2,123	762	7	0.9%	34 + FCT	238
2021	98	34	0	0%	8 + FCT	25





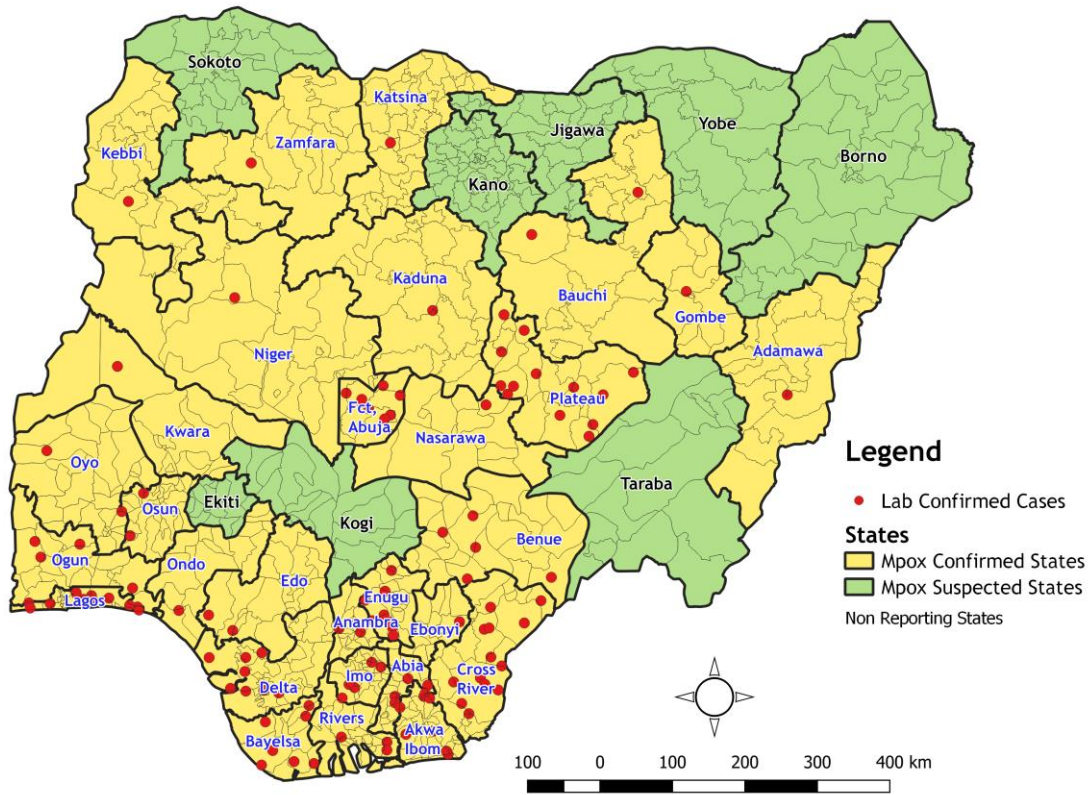
Epi curve of cases from Weeks 1-43

- **Male:** 74 cases
- **Female:** 44 cases

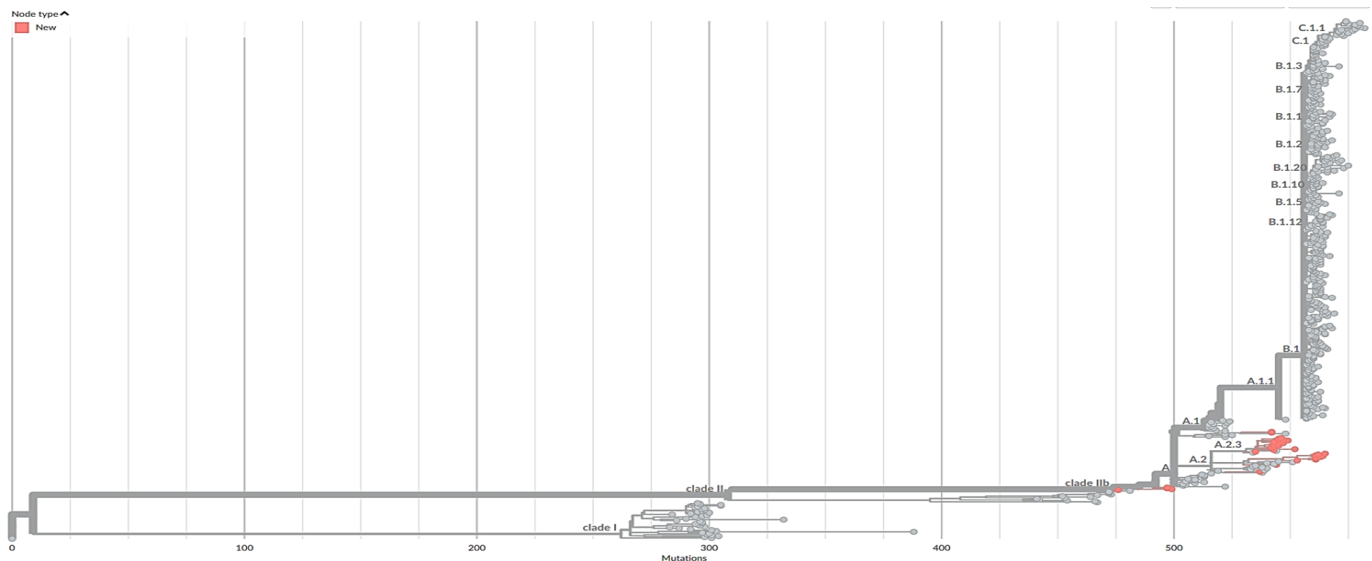


Age and Gender Distribution (Weeks 1-43, 2024)

Geographic Distribution of Suspected and Confirmed Cases:



A map of Nigeria shows that Mpox cases have been reported in all 36 states and the FCT, with confirmed cases in 28 states.



Phylogeny of 2024 Mpox isolates sequenced at NRL.

Colored red are 2024 isolates sequenced at the NRL. All belong to Mpox Clade IIb

Key Activities in Week 43:

- Weekly Emergency Operations Centre (EOC) meetings.
- National Rapid Response Team (RRT) deployment to states to support outbreak investigation (Akwa Ibom, Cross River)
- Mpox vaccine deployment assessments across key states (Cross River, Akwa Ibom, Enugu, Benue)
- Laboratory testing of suspected cases at the National Reference lab. Gaduwa-Abuja & Central Public Health Lab. Yaba-Lagos
- Successful optimization of laboratories in five states: Rivers, Cross Rivers, Enugu, Bauchi, and Kano, selected based on their accessibility and the prevalence of Mpox cases, allowing for more efficient testing and quicker responses
- Genomic sequencing at the National Reference Laboratory of confirmed cases from weeks 42 & 43. Since Epi week 1 to 43, a total of sixty (60) samples eligible for sequencing have been concluded with all being clade IIb

Notes on this report.

Data Source

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

Mpox Case definitions

Suspected case

- An acute illness with fever, headache, lymph node enlargement, back pain, and myalgia, followed by a progressively developing rash often beginning on the face (most dense) and then spreading elsewhere on the body & may soles of feet and palms of the hand.

Probable case

- A case that meets the clinical case definition and 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, feces, vomitus, blood, sexual contact, sharing a common space (anyone who has been in proximity with or without physical contact with a confirmed case)
- Case Fatality Rate (CFR) for this disease is reported for confirmed cases only.

Mpox Prevention Measures

To prevent the spread of Mpox:

- Avoid close contact with individuals showing symptoms, particularly those with rashes or skin lesions.
- Practice good hand hygiene by regularly washing hands with soap and water or using an alcohol-based hand sanitizer.
- Wear protective gear (gloves, masks) when caring for someone with suspected or confirmed Mpox.
- Avoid contact with animals that may harbor the virus, such as rodents and primates, especially in areas where Mpox is known to occur.
- Ensure meat is thoroughly cooked before consumption.

Actions for Healthcare Providers

- Be vigilant for patients presenting with fever, rash, and other Mpox symptoms, especially if they have a history of travel to affected areas or contact with suspected cases.
- Promptly isolate suspected cases to prevent transmission within healthcare settings.
- Notify the relevant public health authorities immediately upon identifying a suspected case
- Educate patients on the importance of reporting symptoms early and adhering to isolation guidelines if diagnosed with Mpox.

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