NCDC
NIGERIA CENTRE FOR DISEASE CONTROL

SITUATION REPORT

Nigeria Centre For Disease Control (NCDC)

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TITLE:	**UPDATE ON MONKEYPOX (MPX) IN NIGERIA**
SERIAL NUMBER:	**18**
EPI-WEEK:	**34**
DATE:	**August 28, 2022**

Table 1 – Key Indicators

Key Indicators	Number
Total confirmed cases in Epi Week 34, 2022	**36**
Total suspected cases from January 1st to August 28th, 2022 (Epi week 1 to 34)	**704**
Total confirmed cases from January 1st to August 28th, 2022 (Epi week 1 to 34)	**277**
Total deaths from January 1st to August 28th, 2022 (Epi week 1 to 34)	6
Total deaths Sept 2017 - August 28th, 2022	14
Total confirmed cases in 2017	88
Total confirmed cases in 2018	49
Total confirmed cases in 2019	47
Total confirmed cases in 2020	8
Total confirmed cases in 2021	34
Grand total confirmed cases (Sept 2017 – August 28th, 2022)	503
Grand total suspected cases (Sept 2017 – August 28th, 2022)	1216

- **One Hundred (100) new suspected cases** reported in Epi week 34, 2022 (22nd to 28th August 2022) from twenty-one (21) states – Lagos (17), Abia (16), Imo (14), Delta (7), Ondo (7), Bayelsa (5), Gombe (5), Rivers (4), Benue (3), Ebonyi (3) , Edo (3), Plateau (3), FCT (2), Katsina (2), Osun (2), Taraba (2), Anambra (1), Enugu (1), Kano (1), and Oyo (1).

- Of the one hundred (100) suspected cases, **thirty-six (36) new confirmed cases have been recorded in Epi week 34 from fourteen (14) states** – Lagos (7), Abia (6), Bayelsa (5), Edo (3), Ondo (3), Delta (2), Ebonyi (2), Rivers (2), Anambra (1), Benue (1), Gombe (1), Imo (1), Katsina (1) and Oyo (1).

- From 1st January to 28th August 2022, Nigeria has recorded 704 suspected cases with 277 confirmed cases (186 male, 91 female) from thirty (30) states – Lagos (49), Ondo (22), Bayelsa (19), Rivers (18), Edo (16), Adamawa (15), Abia (15), Delta (14), FCT (11), Imo (11), Anambra (10),Nasarawa (9), Ogun (7), Plateau (6), Taraba (5), Kwara (5), Kano (5), Gombe (5), Ebonyi (5), Oyo (5), Katsina (5), Cross River (4), Benue (4), Borno (3), Kogi (3), Akwa Ibom (2), Niger (1), Bauchi (1), Osun (1) and Kaduna (1).

- Six (6) associated deaths were recorded from 6 states in 2022 – Delta (1), Lagos (1), Ondo (1) and Akwa Ibom (1), Kogi (1) and Taraba (1) **CFR 2.16%**

- Overall, since the re-emergence of monkeypox in September 2017, 1216 suspected cases have been reported from 35 states in the country. Of these, 503 (41%) confirmed cases were recorded with Male representing 66% (334) from 32 states - Lagos (79), Rivers (70), Bayelsa (62), Delta (43), Edo (26), Ondo (22), Imo (19), Cross River (18), Abia (18), FCT (17), Adamawa (15), Anambra (12), Nasarawa (11), Oyo (11), Plateau (9), Akwa Ibom (9), Ogun (8), Benue (6), Ebonyi (6), Kano (5), Taraba (5), Kwara (5), Gombe (5), Katsina (5), Enugu (4), Borno (3), Kogi (3), Ekiti (2), Niger (2), Bauchi (1), Osun (1) and Kaduna (1).
- Since the re-emergence of the outbreak in 2017, Five (5) states (Kebbi, Sokoto, Zamfara, Jigawa, Yobe) are yet to record a confirmed case, while two (2) states (Jigawa & Yobe) are yet to report a suspect case. In 2022, Seven (7) states are yet to record a confirmed case (Enugu, Ekiti, Kebbi, Sokoto, Zamfara, Yobe & Jigawa) with **Jigawa & Yobe** yet to report a suspected case .

- Fourteen (14) deaths have been recorded since September 2017 (CFR= 2.8%) in eleven states - Lagos (3), Edo (2), Imo (1), Cross River (1), FCT (1), Rivers (1), Ondo (1) Delta (1), Akwa Ibom (1), Taraba (1) and Kogi (1).

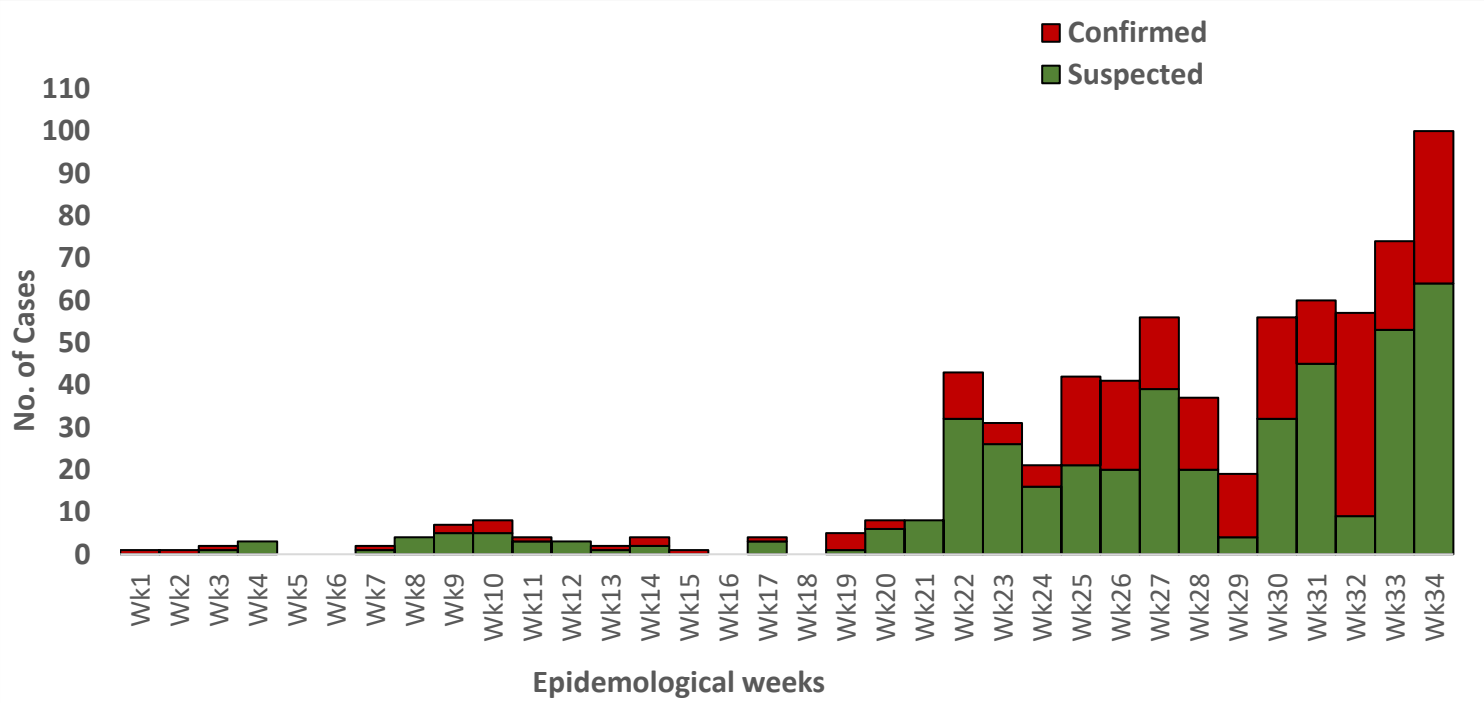

Figure 1: *Epidemic Curve of Suspected & Confirmed MPX Cases Jan. 2022 till date*

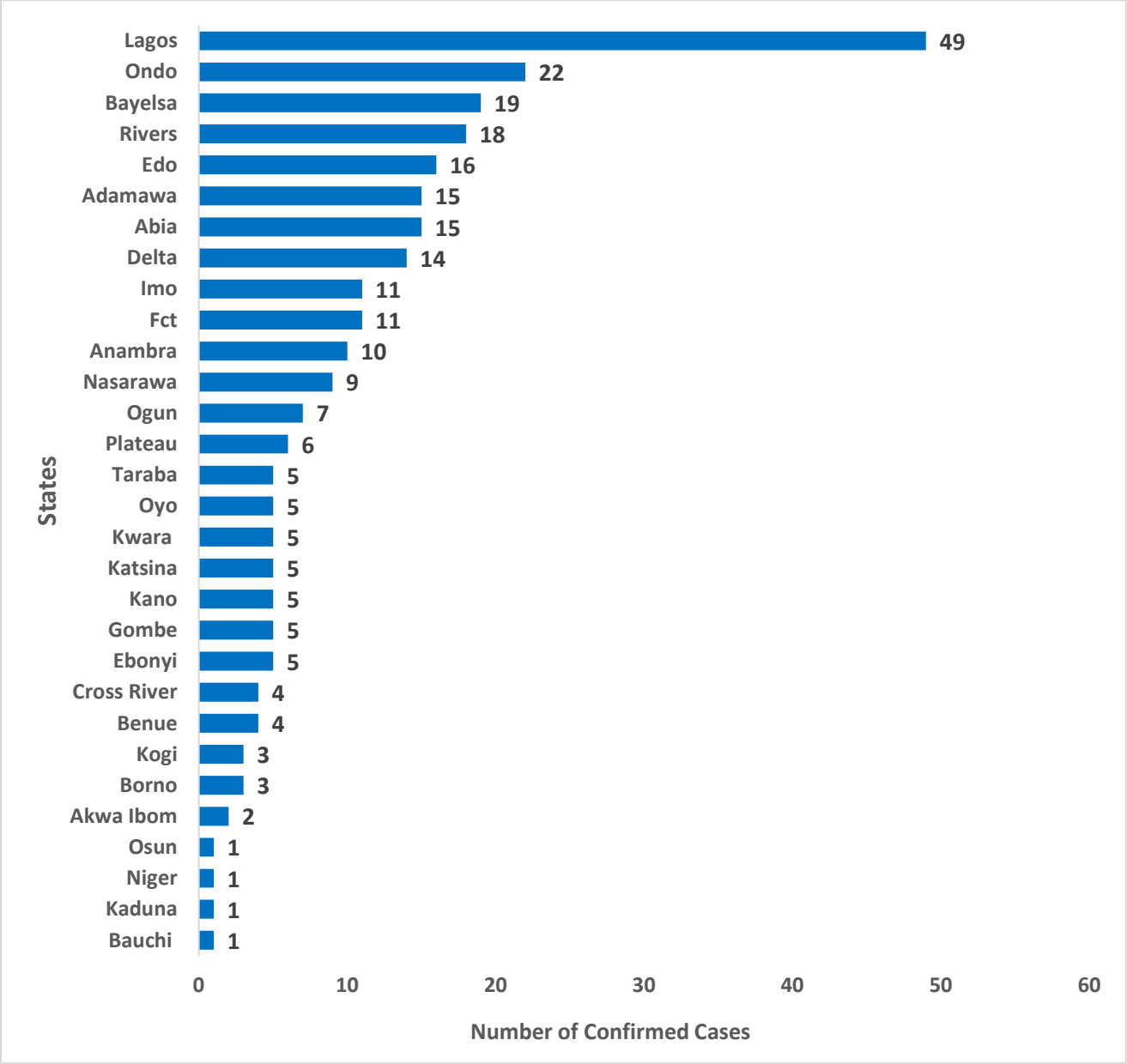

Figure 2: Bar chart Showing confirmed monkeypox cases by state from January 1st – 28th August 2022

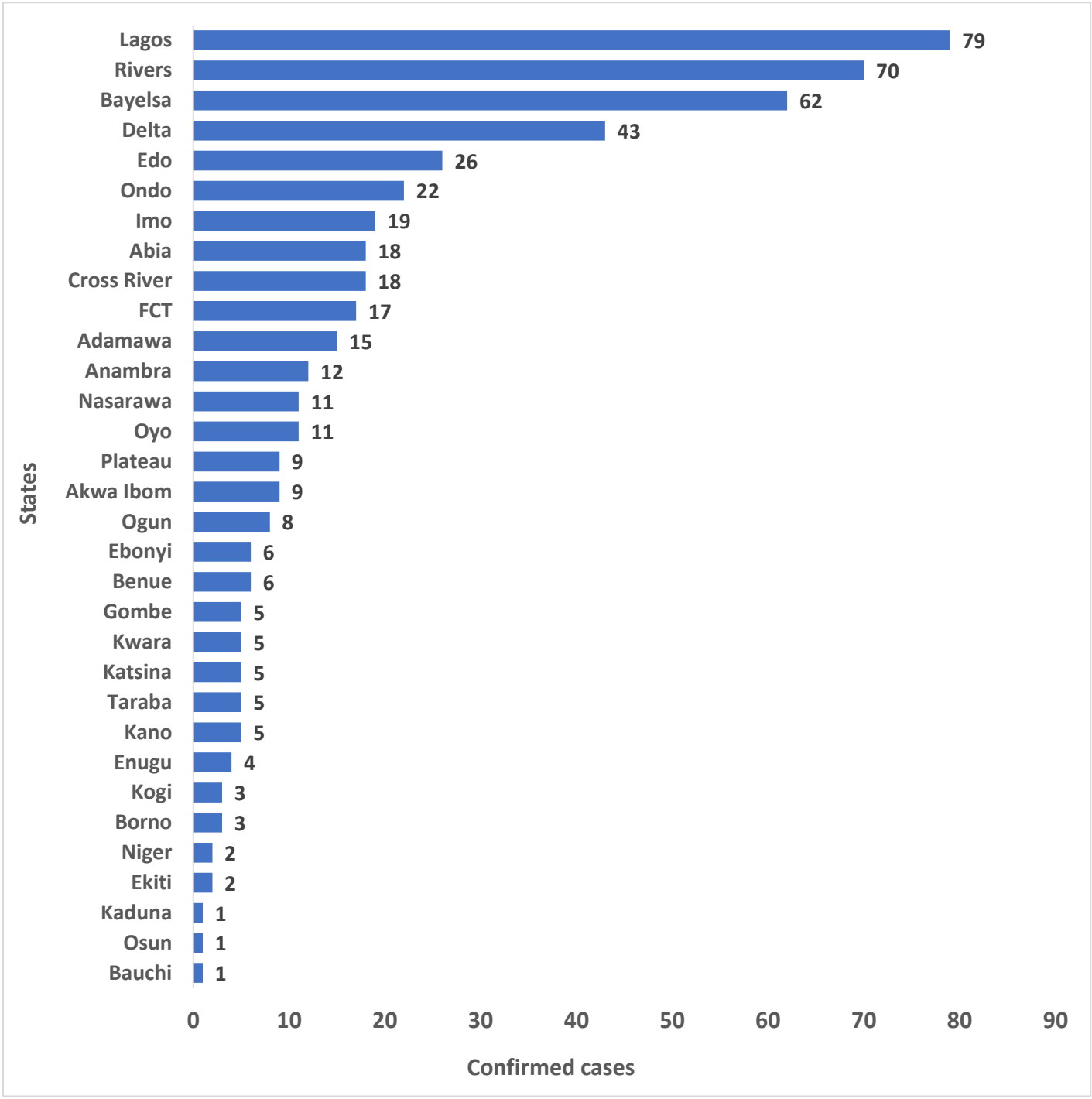

Figure 3: Bar chart Showing confirmed monkeypox cases by state, September 2017 – 28th August 2022

Table 2: Nigeria confirmed monkeypox cases by state, September 2017 – 28th August 2022

State	2017	2018	2019	2020	2021	2022	Total
Lagos	4	1	15	4	6	49	79
Rivers	25	14	7	1	5	18	70
Bayelsa	19	11	7	0	6	19	62
Delta	3	6	10	1	9	14	43
Edo	4	1	1	0	4	16	26
Ondo	0	0	0	0	0	22	22
Imo	5	2	1	0	0	11	19
Cross River	9	3	1	0	1	4	18
Abia	1	2	0	0	0	15	18
FCT	5	0	0	0	1	11	17
Adamawa	0	0	0	0	0	15	15
Anambra	0	1	1	0	0	10	12
Oyo	1	3	2	0	0	5	11
Nasarawa	1	1	0	0	0	9	11
Akwa Ibom	6	0	1	0	0	2	9
Plateau	0	2	0	1	0	6	9
Ogun	0	0	0	0	1	7	8
Benue	2	0	0	0	0	4	6
Ebonyi	0	0	0	1	0	5	6
Kano	0	0	0	0	0	5	5
Taraba	0	0	0	0	0	5	5
Katsina	0	0	0	0	0	5	5
Kwara	0	0	0	0	0	5	5
Gombe	0	0	0	0	0	5	5
Enugu	1	2	1	0	0	0	4
Borno	0	0	0	0	0	3	3
Kogi	0	0	0	0	0	3	3
Ekiti	2	0	0	0	0	0	2
Niger	0	0	0	0	1	1	2
Bauchi	0	0	0	0	0	1	1
Osun	0	0	0	0	0	1	1
Kaduna	0	0	0	0	0	1	1
Grand Total	**88**	**49**	**47**	**8**	**34**	277	503

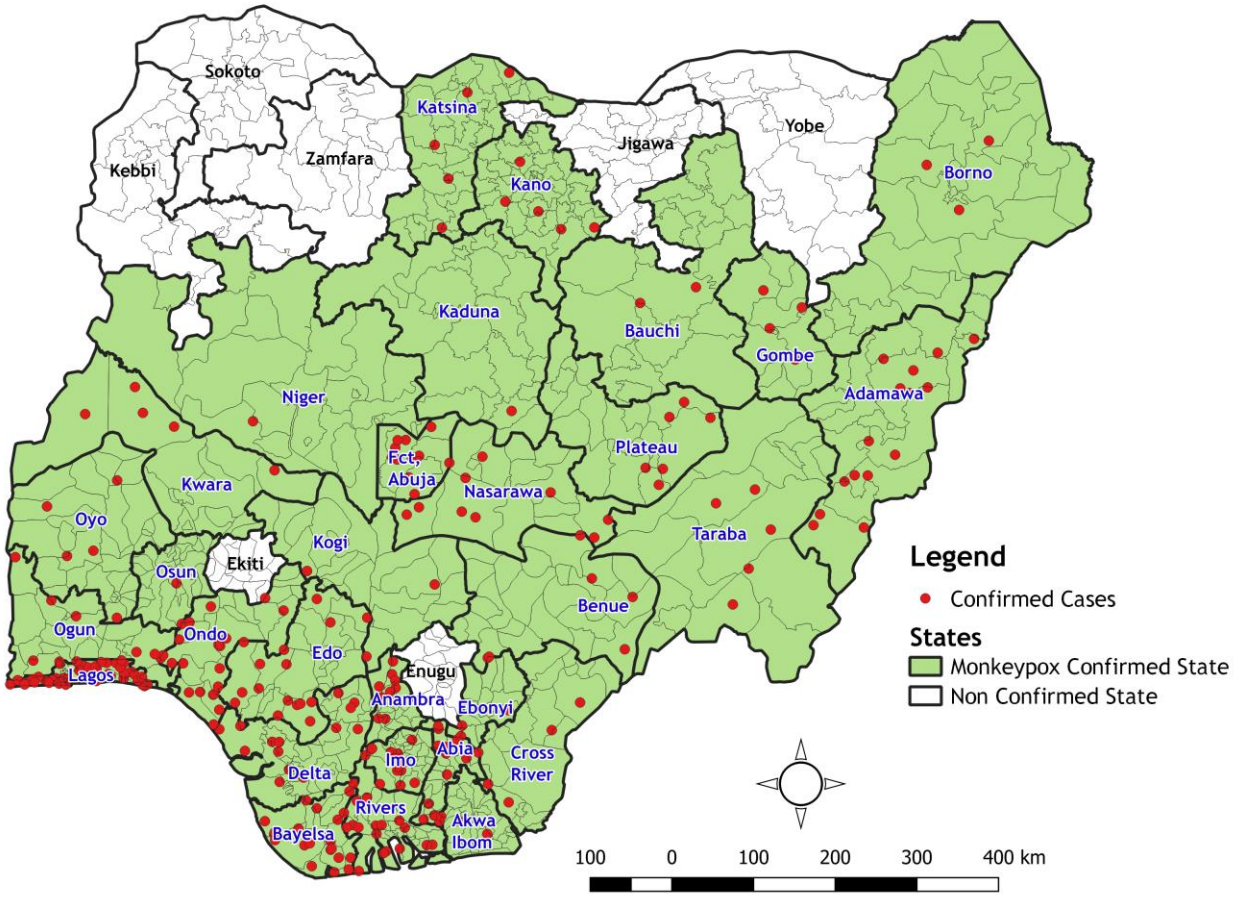

Figure 4: *Map of Nigeria Showing States with Confirmed MPX Cases from Jan. 1st – Aug 28th 20222 (30 states)*

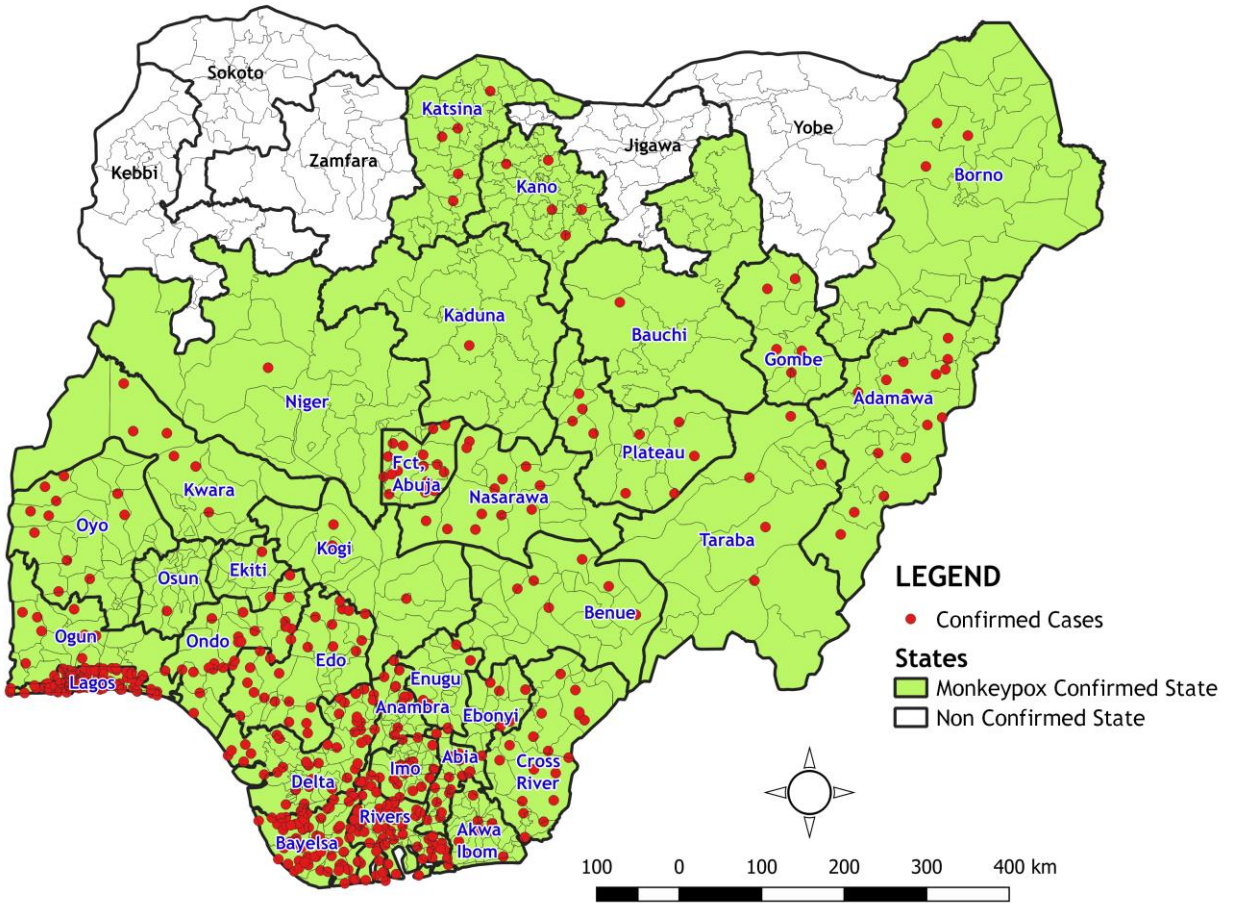

Figure 5: *Map of Nigeria Showing States with Confirmed MPX Cases from Sept 2017 – Aug. 28th (32 states)*

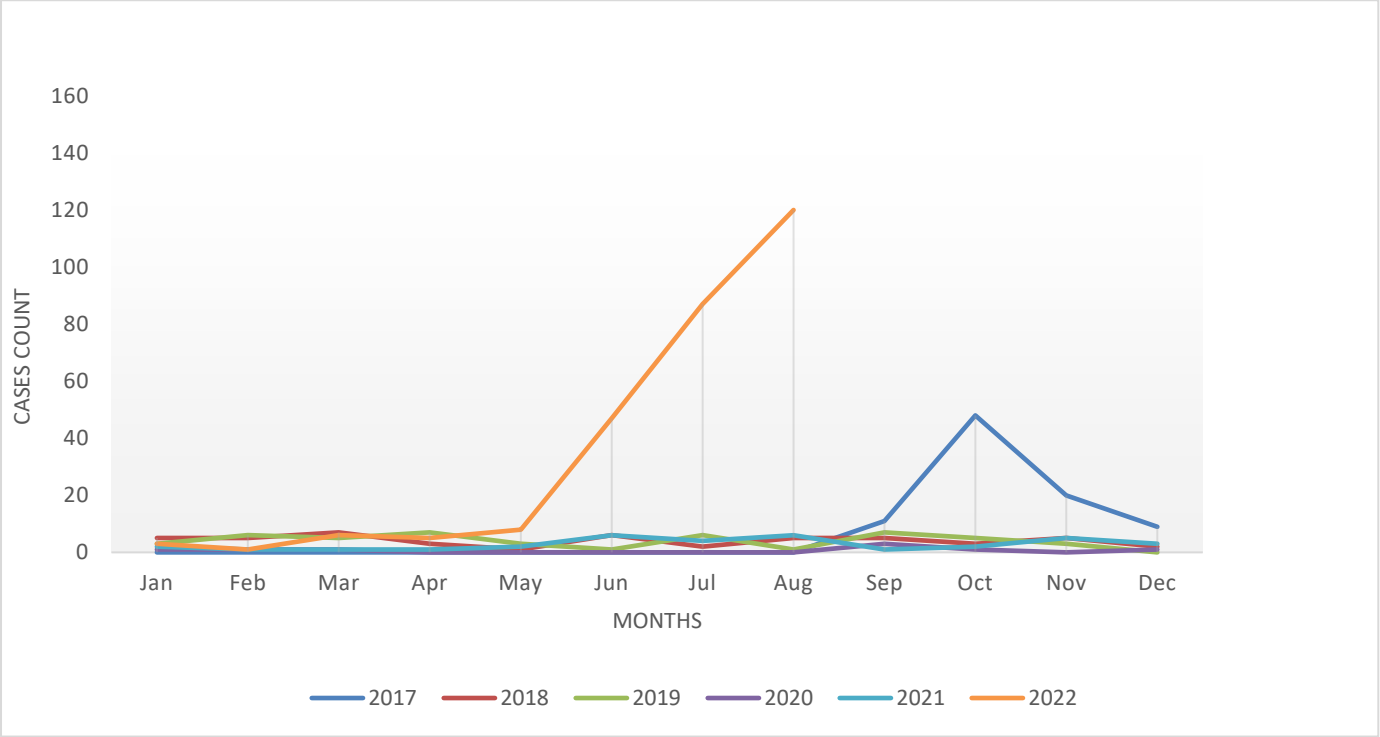

Figure 6: *Nigeria confirmed Monkeypox cases by the year of incidence- September 2017 to 28th August 2022*

Table 3: Age distribution of confirmed Monkeypox cases September 2017 – August 28th 2022

Age Group	2017	2018	2019	2020	2021	2022	Total
0-10 Years	7	5	1	0	1	36	50
11-20 Years	12	4	1	0	4	42	63
21-30 Years	34	13	13	4	10	65	139
31- 40 Years	26	17	22	4	13	90	172
41-50 Years	9	10	9	0	5	33	66
51-60 Years	0	0	1	0	1	11	13
Total	**88**	**49**	**47**	**8**	**34**	277	503

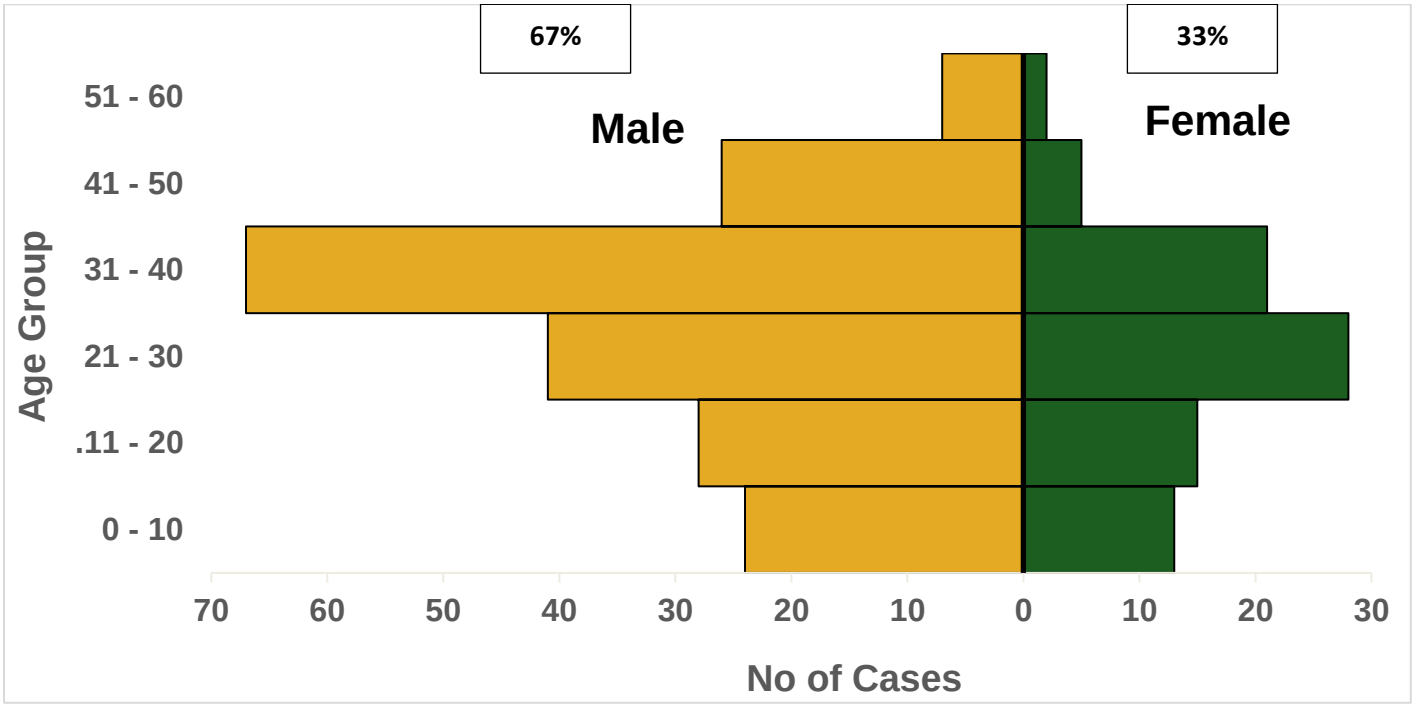

Figure 7: *Age and sex distribution of Nigeria confirmed monkeypox cases January 1st – 28th August 2022*

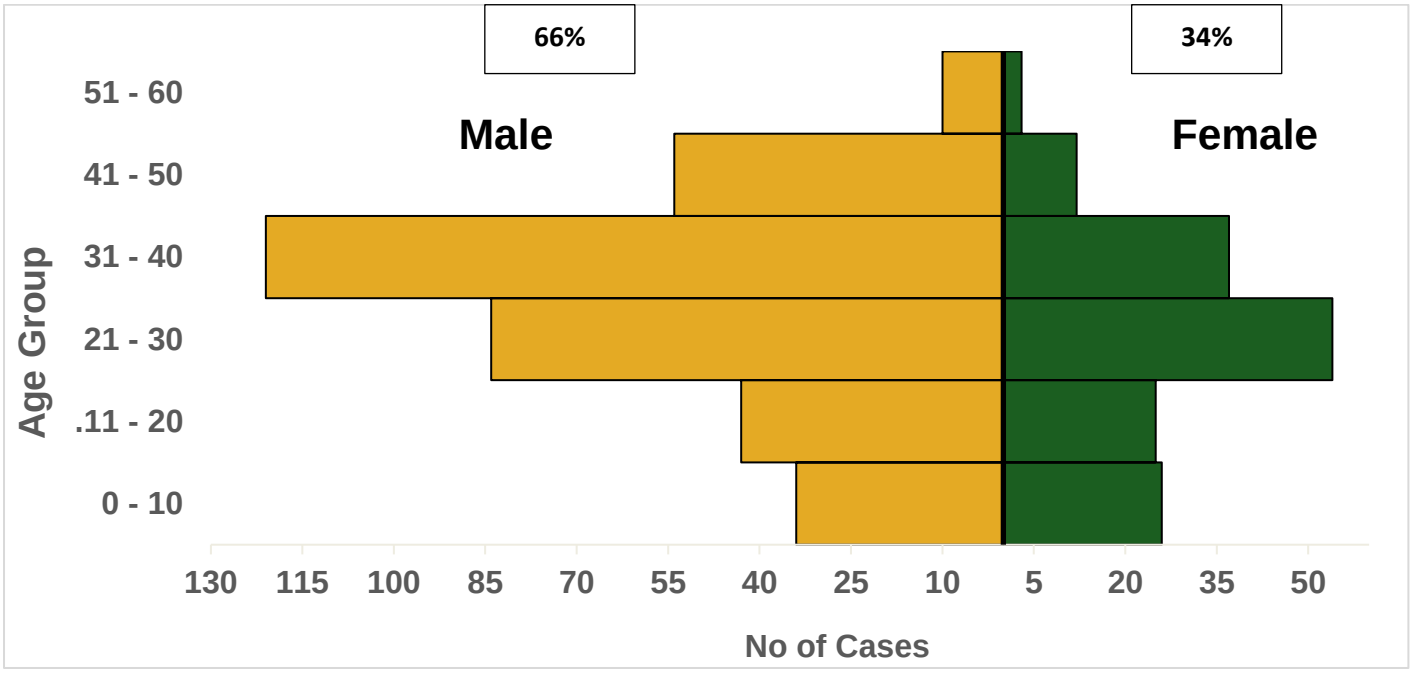

Figure 8: *Age and sex distribution of Nigeria confirmed monkeypox cases September 2017 – Aug 28th 2022*

Response activities

Pillar	Activities to date	Next steps
Coordination	Supporting the daily activities of the activated Emergency Operations Centre (EOC) Training of healthcare workers in human & animal health on MPx case identification, reporting & surveillance	The multi-agency MPX Emergency Operation Centre coordinates monkeypox activities at NCDC
Risk communication	Audio jingles produced in five (5) languages Review of draft designs of MPX posters	To disseminate to states & air audio jingles Continue to MPx engagement on social media channels with key messages on Prevention
Surveillance	Providing off-site support to states to ensure active case search	Ensure timely uploading of cases to the SORMAS platform Data monitoring & entry to ensure data completeness on SORMAS
IPC	Development of IPC guidelines in veterinary health facilities	Training of southwest states on infectious disease workplan development Finalize SOPs/guidance document for biosecurity for farmers
Case management	Training of selected clinicians in some states of the federation on case identification and supportive management Engagement of clinicians on MPX characterization of symptoms	Clinical review of MPX symptoms with clinicians supporting MPX management
POE	Screening of Persons (passengers) of interest at all points of entry	Continue ongoing screening activities at points of entry
Laboratory	Receipt and testing of samples from the states & FCT All MPX virus sequences are all clade II	Differential analysis of MPX negative samples Review turnaround time (TAT) from sample collection to delivery to testing laboratory Continue to review TAT for sample receipt and testing

Notes on this report

Data Source

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

Case definitions

Suspected case

- An acute illness with fever >38.3°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