

NIGERIA CENTRE FOR DISEASE
CONTROL AND PREVENTION**Nigeria Centre for Disease Control and Prevention***Protecting the health of Nigerians*

Weekly Epidemiological Report

Week 43: 21st – 27th October 2024

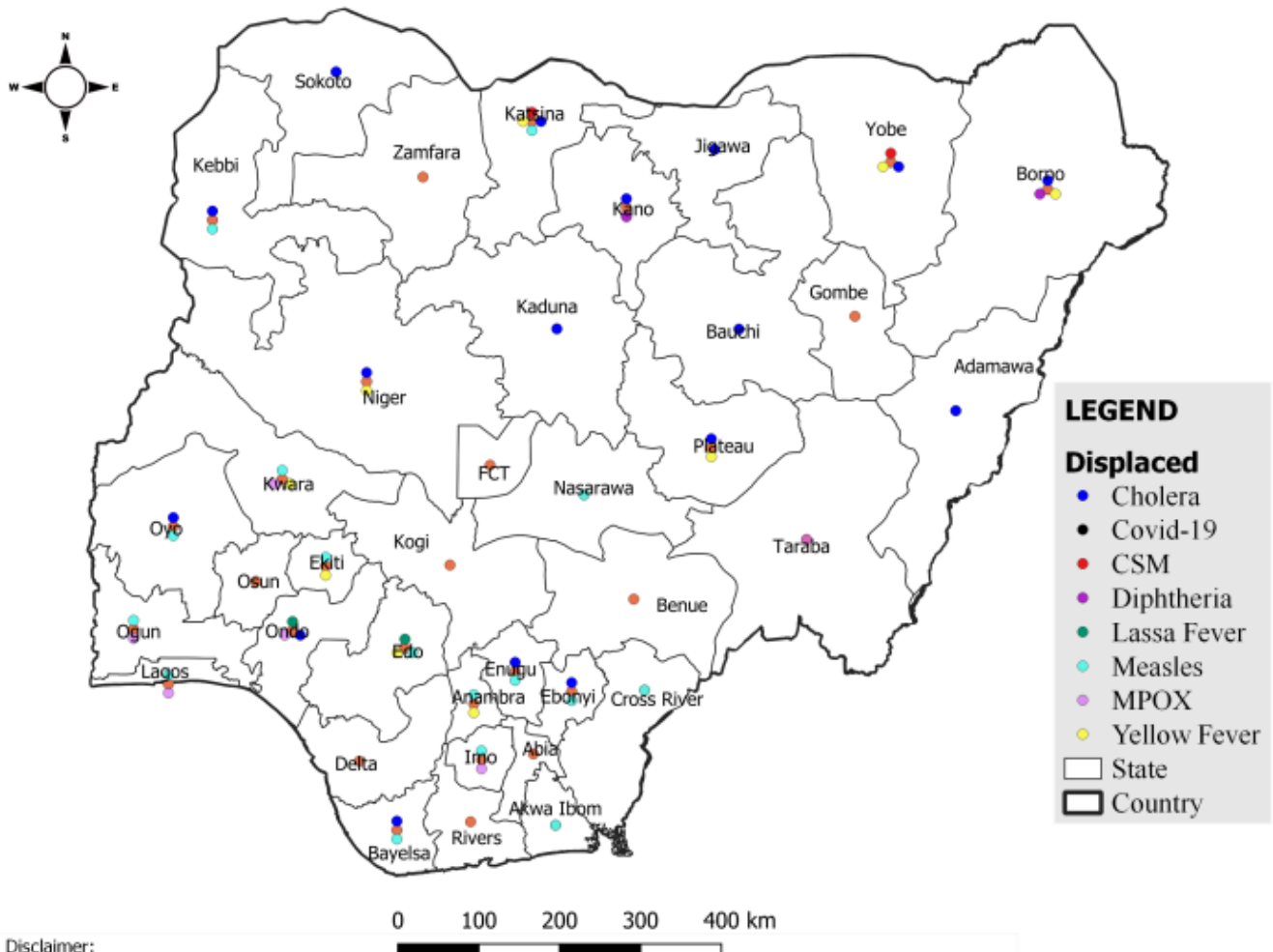
Summary of Incidents

Ongoing incidents

2

Ongoing incidents are defined as confirmed cases where a national EOC or equivalent has been activated (Cholera and Diphtheria)

Other incidents are those with confirmed cases for which EOC is not activated



Summary

Week 43: 21st – 27th October 2024

Lassa Fever ^{1,2}	Cerebrospinal Meningitis (CSM) ^{1,4}	Yellow Fever ^{1,4}
99 Suspected case(s)	5 Suspected case(s)	12 Suspected case(s)
8 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
1 Death(s)	0 Death(s)	0 Death(s)
Cholera ^{1,4}	Measles ^{1,4}	Mpox ^{1,4}
764 Suspected case(s)	65 Suspected case(s)	16 Suspected case(s)
5 Confirmed case(s)	3 Confirmed case(s)	4 Confirmed case(s)
24 Death(s)	0 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) ^{1,4}	National Sentinel influenza surveillance ⁵	Coronavirus Disease ^{1,}
31 Suspected case(s)	5 Suspected case(s)	0 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
0		0 Death(s)
Diphtheria ^{1,4}		
8 Suspected case(s)		
3 Confirmed case(s)		
0 Death(s)		

1. Information for this disease was retrieved from the Technical Working Group and Situation Reports
2. Case Fatality Rate (CFR) for this disease is reported for confirmed cases only.
3. CFR for this disease is reported for total cases i.e. suspected + confirmed.
4. Information for sentinel influenza was retrieved from the laboratory.

Lassa Fever

Week 43

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
99	8	1	State: 11 LGA: 15

Year to date (week 1 – 43)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
7966	8780	1107	1055	188	175	17%	16.6%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Weeks 1 – 43, 2024

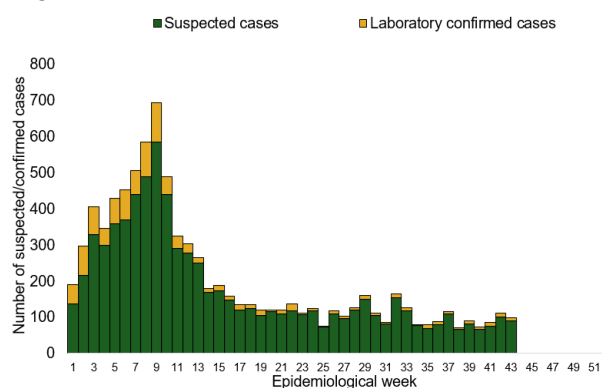
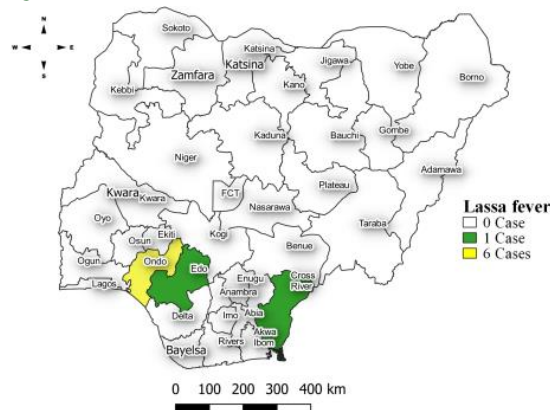


Figure 2: Location of confirmed cases of Lassa Fever by State, Nigeria, week 43, 2024



Key points

- There were 99 suspected cases of Lassa Fever reported from 15 LGAs in 11 states. There were eight laboratory confirmed cases and one death was recorded.

Actions

To date:

- National Lassa fever multi-partner, multi-sectoral Technical Working Group (TWG) continues to coordinate the response activities at all levels.
- Assess all the 36 states and the FCT on the level of readiness to guide the webinar series and future partnerships
- Disseminate the Lassa fever Clinical IDSR Mini course to all stakeholders
- Participated in the Joint Review of National Red Cross Society 2024 Lassa fever DREF Operation
- Participated in the testing phase of the Human Centered Design (HCD) from Farm to Market
- Circulate the final AAR report to stakeholders

Cerebrospinal Meningitis (CSM)

Week 43

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
5	0	0	State: 2 LGA: 2

Year to date (week 1 – 43)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
1976	3047	74	50	75	128	3.8%	4.2%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, weeks 1 – 43, 2024

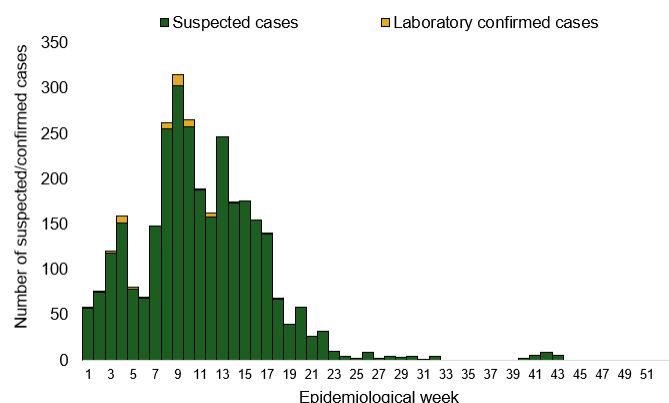
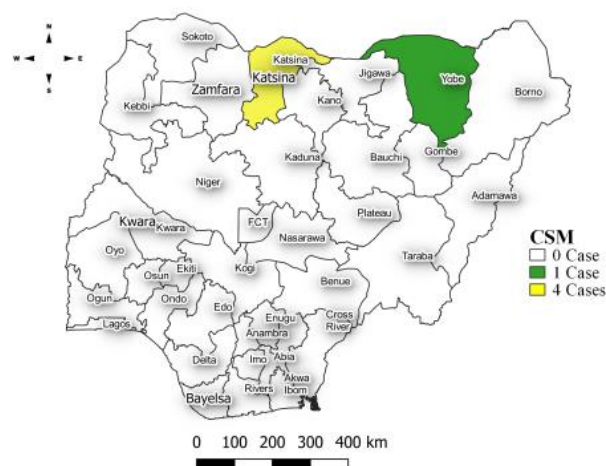


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 43, 2024



Key points

- There were five suspected cases of Cerebrospinal meningitis (CSM) reported from two LGAs in two states. There was no laboratory confirmed case and no death was recorded.

Actions

To date:

- National CSM TWG meets weekly to review reports from states and plan appropriately.
- Providing offsite/onsite support to states and follow up for daily reporting and progress with response activities
- Implementation of CSM reactive vaccination campaign in high burden LGAs/Wards in Jigawa state led by NPHCDA
- Activated Multi-sectoral State-level Emergency Operation Centres (EOCs) in Jigawa and Yobe, Katsina, Bauchi and Gombe state

Yellow Fever

Week 43

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
12	0	0	State: 9 LGA: 12

Year to date (week 1 – 43)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
2685	2366	22	23	9	2	0.3%	0.1%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, weeks 1 – 43, 2024

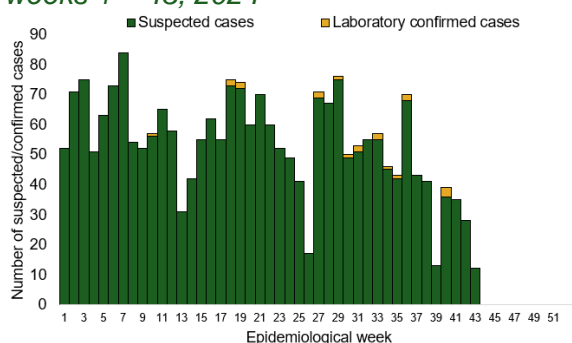
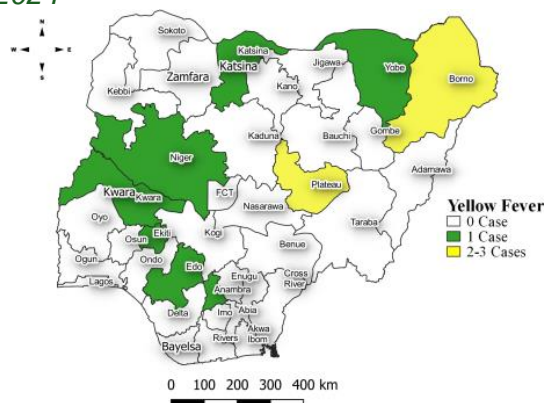


Figure 6: Location of suspected cases of Yellow Fever by States, Nigeria, week 43, 2024



Key points

- There were 12 suspected cases of Yellow Fever (YF) reported from 12 LGAs in nine states. There was no laboratory confirmed case and no death was recorded.

Actions

To date:

- National YF multi-partner Technical Working Group (TWG) continues to coordinate activities across states.
- Conducted dynamic risk assessment to guide overall preparedness and response strategies.
- Provided off-site support to states to Ondo and Bayelsa states with confirmed cases
- Harmonizing surveillance and laboratory data
- Regular sample testing at the regional reference laboratories
- Coordination of yellow fever sample management and transportation from all states to the regional reference laboratory

Cholera

Week 43

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
764	5	24	State: 17 LGA: 49

Year to date (week 1 – 43)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
3534	17586	45	373	84	626	2.4%	3.6%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, weeks 1 – 43, 2024

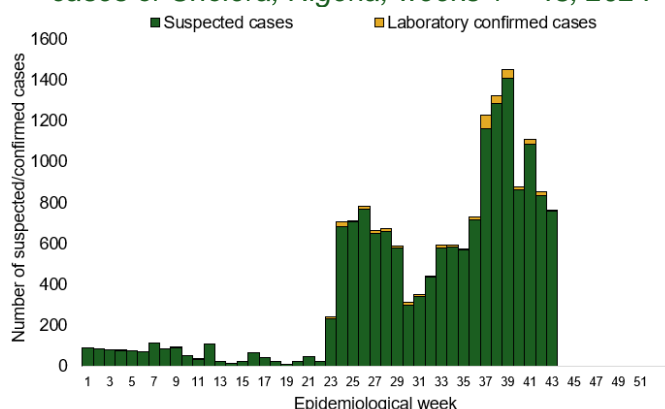
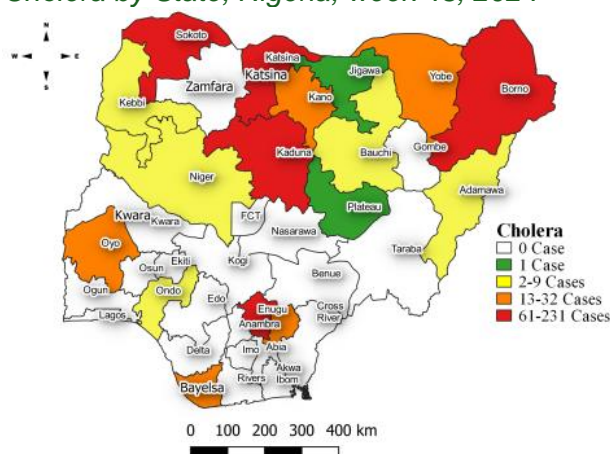


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 43, 2024



Key points

- There were 764 suspected cases of Cholera reported from 49 LGAs in 17 states. There were five laboratory confirmed cases and 24 deaths were recorded.

Actions

To date

- National Cholera Multi-Sectoral Technical Working Group (TWG) is monitoring all states and supporting affected states.
- Activated the National Emergency Operating Centre (EOC) to monitor responses activities in all affected states
- On-site support in 9 states Lagos, Bayelsa, Abia, Zamfara, Bauchi, Katsina, Cross River, Ebonyi and Rivers
- Develop priority areas for multi-sectoral intervention (Hotspots mapping)

Measles

Week 43

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
65	3	0	State: 16 LGA: 51

Year to date (week 1 – 43)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
18507	18459	1829	2033	114	118	0.6%	0.6%

Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, weeks 1 – 43, 2024.

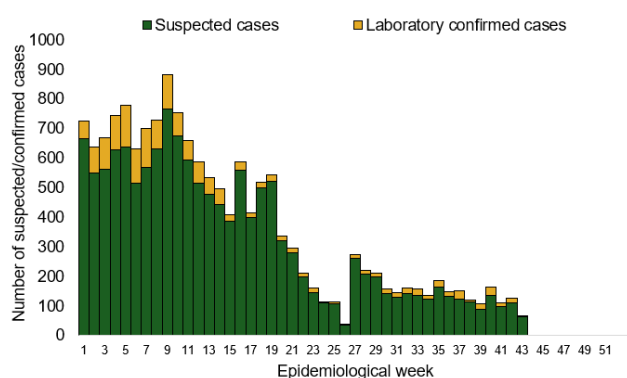
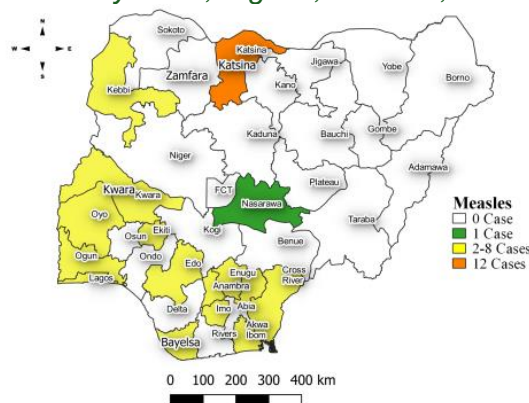


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 43, 2024



Key points

- There were 65 suspected cases of Measles reported from 51 LGAs in 16 states. There were three laboratory confirmed cases and no death was recorded.

Actions

To date

- National Measles TWG is closely monitoring measles surveillance data and providing feedback to relevant agencies and development partners.
- Supported NPHCDA in the pre-implementation and implementation of 2024 Integrated Supplementary Immunization Activities (SIA)
- Distribution of Measles and Rubella Surveillance Guidelines:
- Supported the validation of the National Measles Elimination Strategic Plan (2019–2028) workshop
- Validated the Measles Outbreak Preparedness and Response (MOBR) Training Materials to standardize training content and materials for outbreak preparedness

Mpox

Week 43

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
16	4	0	State: 6 LGA: 13

Year to date (week 1 – 43)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
928	1140	80	84	2	0	0.2%	0%

Figure 11: Number of suspected and confirmed cases of Mpox, Nigeria, weeks 1 – 43, 2024.

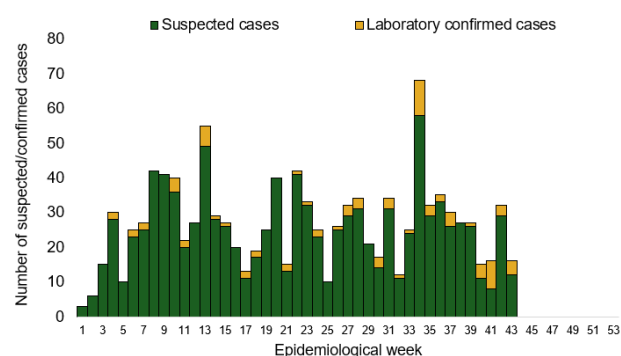
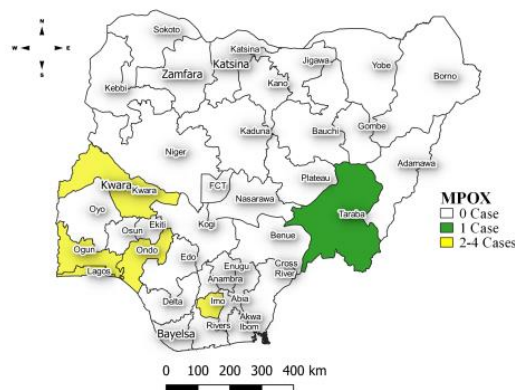


Figure 12: Location of suspected cases of Mpox by State, Nigeria, week 43, 2024



Key points

- There were 16 suspected cases of Mpox reported from 13 LGAs in six states. There were four laboratory confirmed cases and no death was recorded.

Actions

To date

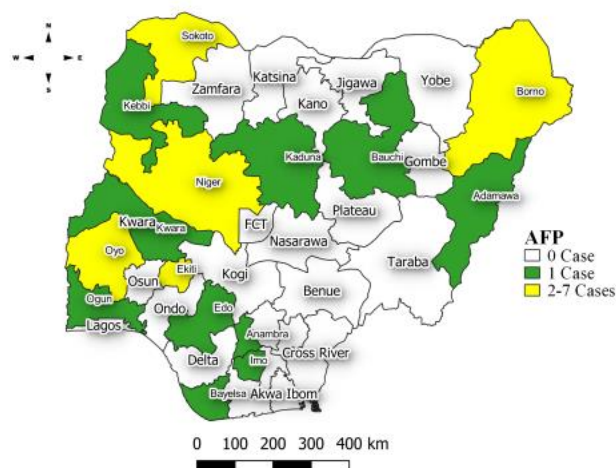
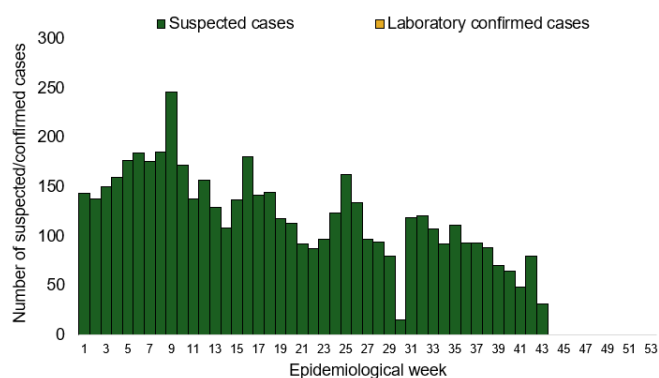
- Mpox Incident Management System activated to coordinate response activities
- Supported training of state Epidemiologist and DSNO with surveillance support staff
- Optimisation of 6 laboratories for Mpox testing and supported remote capacity building of laboratory staff at the Molecular Laboratories
- Conducted capacity building of health educators on Mpox RCCE and Content development for RCCE materials
- Supported the coordination of mpox research (UKPHRST/ NCDC study on Mpox collaborative study)

Week 43

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
31	0	0	State: 15 LGA: 29

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
5648	5182	0	0	0	0	0%	0%

Figure 14: Location of suspected cases of AFP by State, Nigeria, week 43, 2024



- There were 31 suspected cases of AFP reported from 29 LGAs in 15 states. There was no laboratory confirmed case and no death was recorded.

National Influenza Sentinel Surveillance

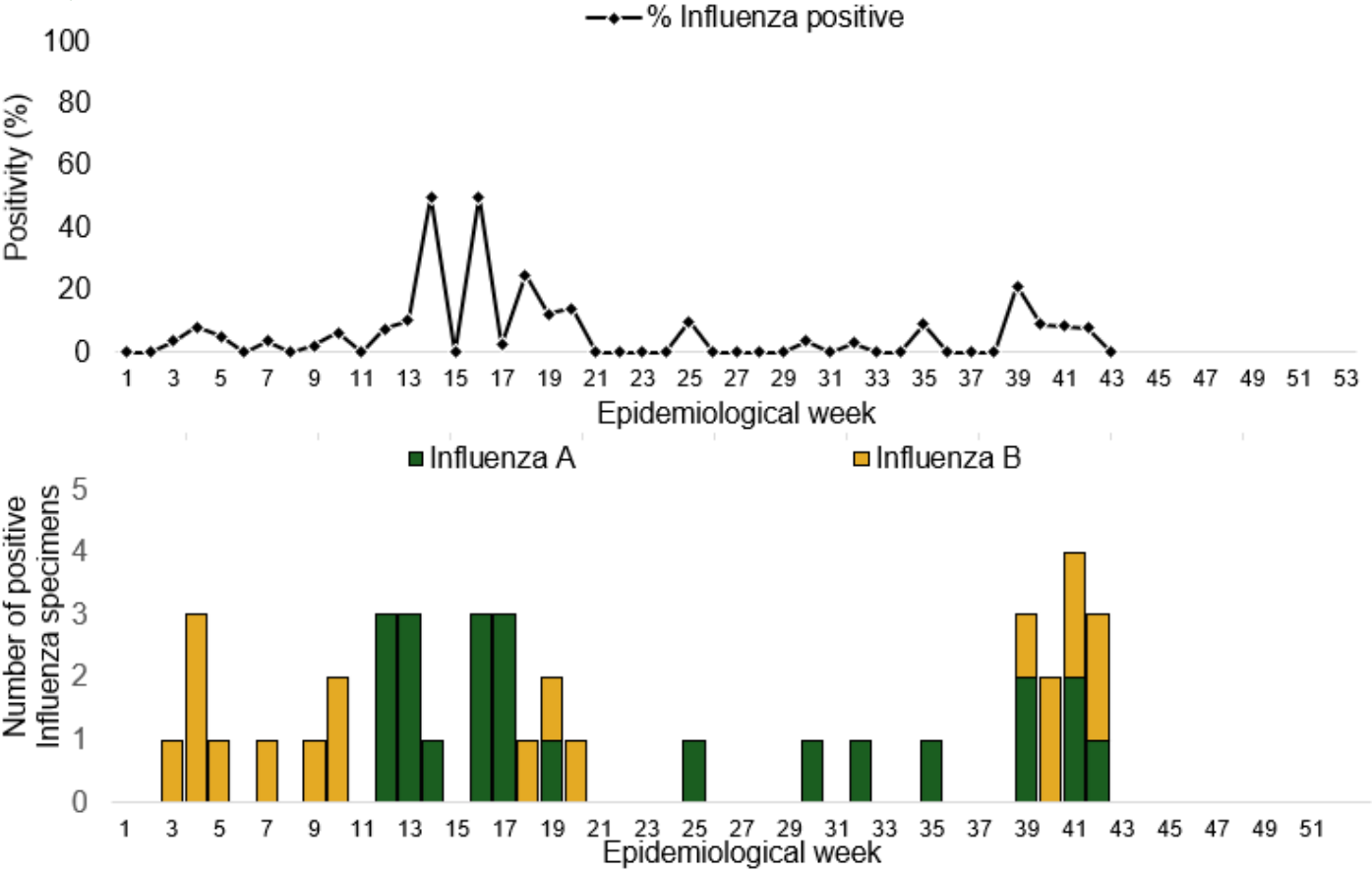
Week 43

Suspected Cases	Confirmed Cases	Confirmed Case by type	
		Influenza A	Influenza B
5	0	0	0

Year to date (week 1 – 43)

Suspected cases	Total Confirmed Cases	Confirmed cases by type	
734	42	Influenza A	Influenza B
		23	19

Figure 15: Number of influenza positive specimens by type and percentage positive by epidemiological week, 2023.



Coronavirus Disease (COVID-19)

Week 43

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
0	0	0	State: 0 LGA: 0

Year to date (Week 1- 43)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
64675	1809	6661	804	181	1	0.3%	0.1%

Figure 16: Epidemic curve of confirmed cases of COVID-19, Nigeria, week 1 - 43, 2024

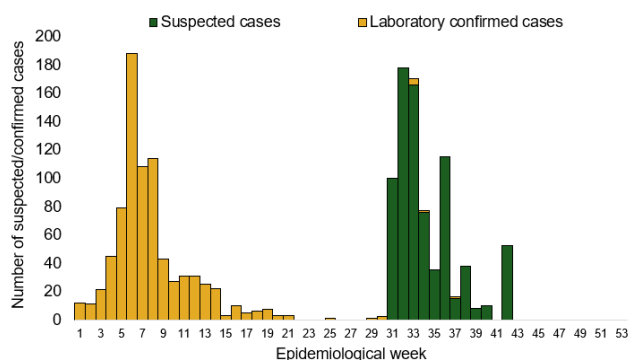
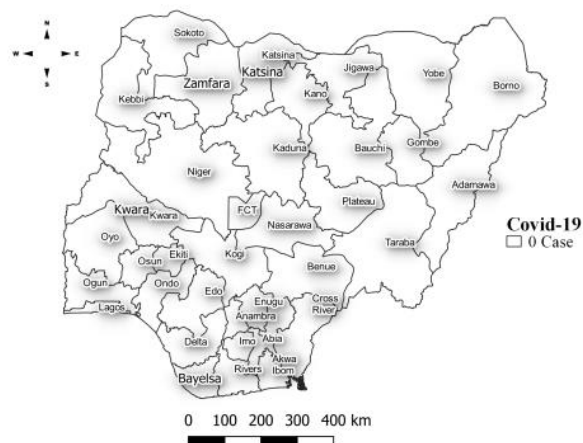


Figure 17: Location of **confirmed** cases of COVID-19 by State, Nigeria, as at week 43, 2024



Key points

- There was no suspected case of Covid 19 reported for this week.

Actions

To date

- Follow up with the Lab Data team to ensure Data entry on SORMAS
- Harmonization meeting of Covid-19 and National influenza Sentinel Sites
- Enhanced surveillance activity to encourage test rates
- Coordinate training sessions for surveillance officers on proper data entry protocols for SORMAS.
- Implement regular site visits to verify data quality and compliance with harmonization protocols.

Diphtheria

Week 43

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
8	3	0	State: 2 LGA: 3

Year to date (week 1 – 43)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
17925	16633	10531	10299	702	460	3.9%	2.8%

Figure 18: Number of suspected and confirmed cases of Diphtheria, Nigeria, weeks 1 – 43, 2024

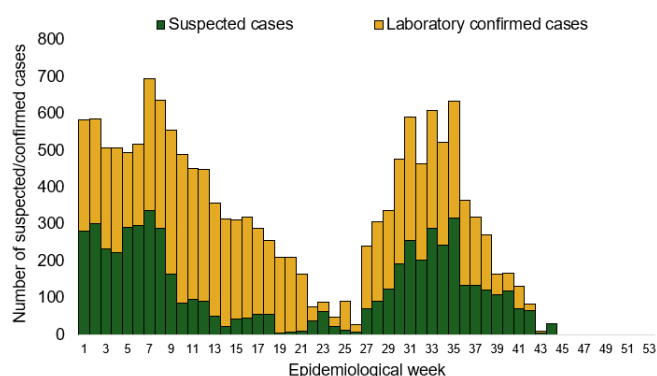
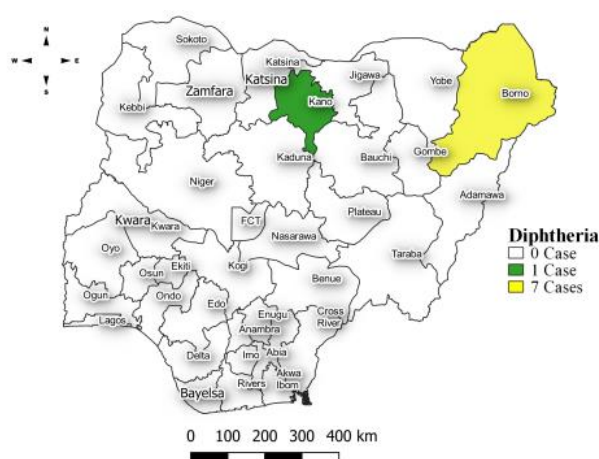


Figure 19: Location of suspected cases of Diphtheria by State, Nigeria, week 43, 2024



Key points

- There were eight suspected cases of Diphtheria reported from three LGAs in two states. There were three confirmed cases and no deaths were recorded.

Actions

To date

- National Diphtheria Technical Working Group (TWG) is monitoring activities in all states.
- Developed Diphtheria surveillance and outbreak response guidelines
- Established Diphtheria laboratory testing network across state
- Conducted case management and IPC training for healthcare workers involved in Diphtheria case management
- Supported NPHCDA in the Implemented reactive mass vaccinations campaign in affected states across states

Event Based Surveillance (EBS)

Week 43

Key points

For the reporting week 43

- 175 Calls were successfully routed to agents and answered
- 0 calls not routed to agents (Failed call)
- 175 total number of calls (successful and failed)
- 0 number of SMS received
- 0 WhatsApp/live chat messages received
- The percentage of failed to total inbound calls 0%

For week 1 – 43

- 5,777 calls were successfully routed to agents and answered
- 210 calls not routed to agents (Failed call)
- 5,987 total inbound calls recorded
- The Percentage of failed to total inbound calls: 3.5%
- 75 Signals were picked and escalated

Categories of Calls

- General inquiries 70
- Hoax call and others 30
- Report of health conditions 12
- Inquiry on Cholera 10
- Inquiry on malaria vaccine 3
- Inquiries on Diphtheria symptoms, treatment, and Vaccine 15
- Inquiries on yellow fever vaccine 5
- Inquiries on Lassa fever 5
- Inquiries on Mpox 15
- Inquiries on Mpox vaccine 2
- Inquiries on employment 8

Figure 20: Number of successful and failed calls, weeks 1 – 43, 2024

