

NIGERIA CENTRE FOR DISEASE CONTROL AND PREVENTION

Nigeria Centre for Disease Control and Prevention

Protecting the health of Nigerians

# Weekly Epidemiological Report

Week 52: 23<sup>rd</sup> – 29<sup>th</sup> December 2024

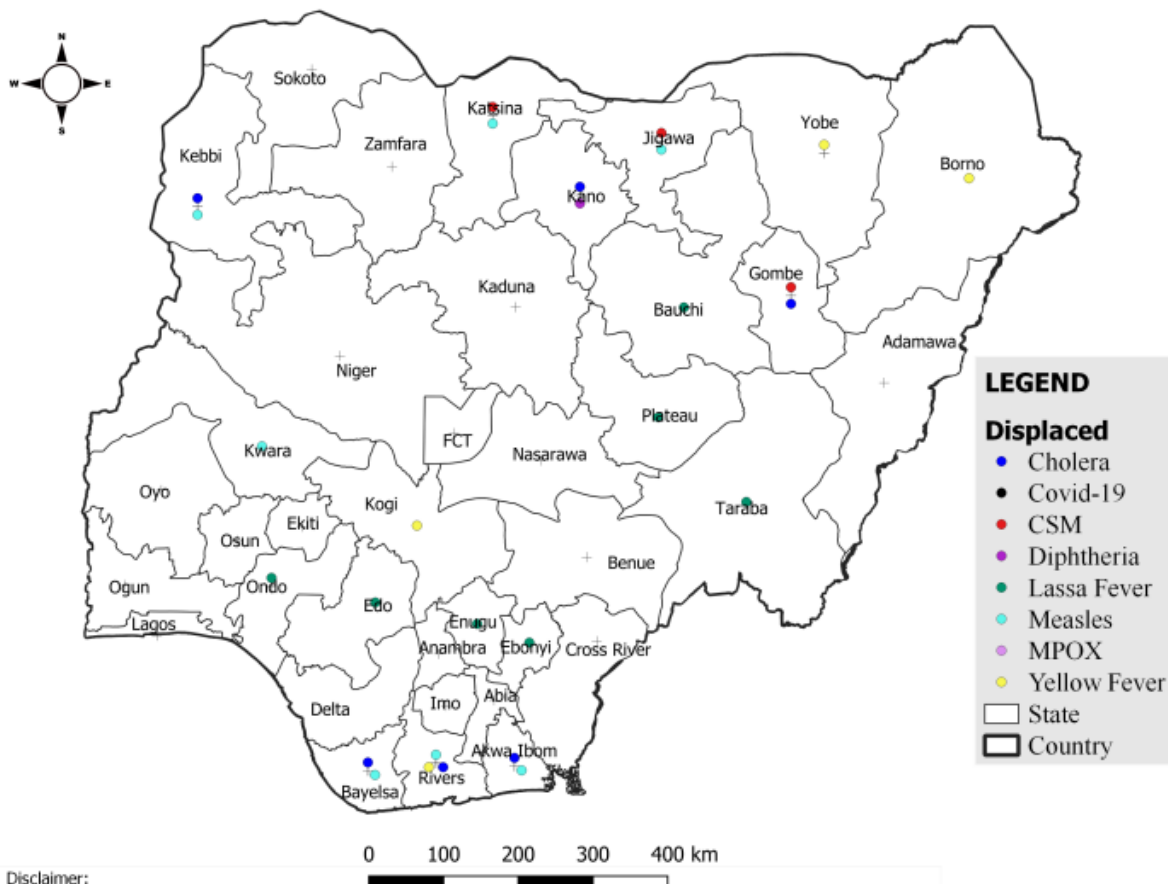
## Summary of Incidents

### 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 52: 23<sup>rd</sup> – 29<sup>th</sup> December 2024

Lassa Fever <sup>1,2</sup>	Cerebrospinal Meningitis (CSM) <sup>1,4</sup>	Yellow Fever <sup>1,4</sup>
226 Suspected case(s)	8 Suspected case(s)	6 Suspected case(s)
70 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
11 Death(s)	0 Death(s)	0 Death(s)
Cholera <sup>1,4</sup>	Measles <sup>1,4</sup>	Mpox <sup>1,4</sup>
65 Suspected case(s)	17 Suspected case(s)	32 Suspected case(s)
1 Confirmed case(s)	1 Confirmed case(s)	2 Confirmed case(s)
3 Death(s)	0 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) <sup>1,4</sup>	National Sentinel influenza surveillance <sup>5</sup>	Coronavirus Disease <sup>1,</sup>
9 Suspected case(s)	11 Suspected case(s)	0 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
0		0 Death(s)
Diphtheria <sup>1,4</sup>		
44 Suspected case(s)		
42 Confirmed case(s)		
3 Death(s)		

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

## Lassa Fever

### Week 52

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
226	70	11	State: 15 + FCT LGA: 25

### Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
9155	10098	1270	1309	227	214	17.9%	16.3%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Weeks 1 – 52, 2024

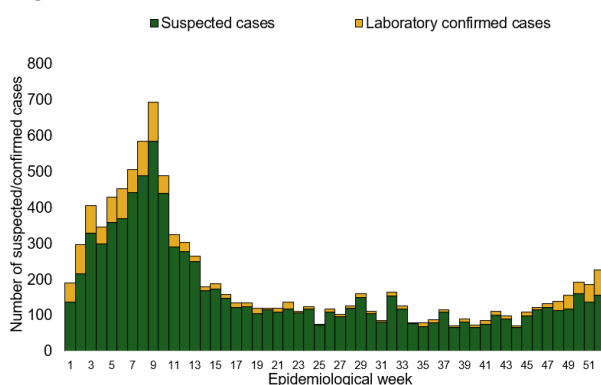
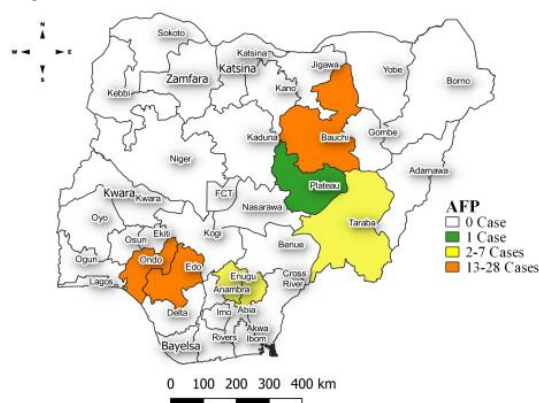


Figure 2: Location of **confirmed** cases of Lassa Fever by State, Nigeria, week 52, 2024



## Key points

- There were 226 suspected cases of Lassa Fever reported from 25 LGAs in 15 states and FCT. There were 70 laboratory confirmed cases and 11 deaths were recorded.

## Actions

### To date:

- National Lassa fever multi-partner, multi-sectoral Technical Working Group (TWG) continues to coordinate the response activities at all levels.
- Conducted the Lassa fever risk assessment in preparation for the 2025 outbreak season
- Activation of the Lassa Fever Incident Management System coordinated at the National Public Health Emergency Operation Centre
- Share the national IAP for approval

## Cerebrospinal Meningitis (CSM)

### Week 52

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
8	0	0	State: 3 LGA: 4

### Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
2255	3102	161	51	85	134	3.8%	4.3%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, weeks 1 – 52, 2024

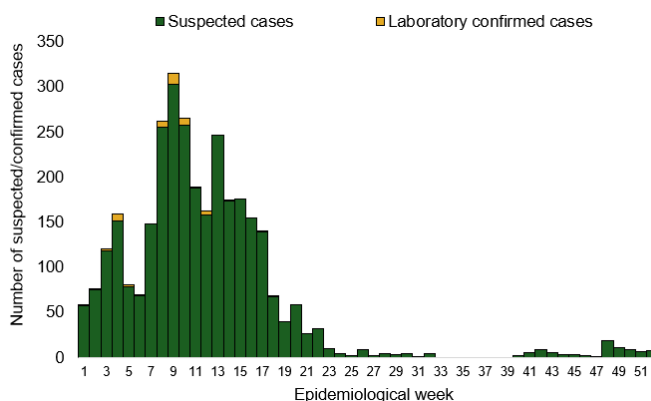
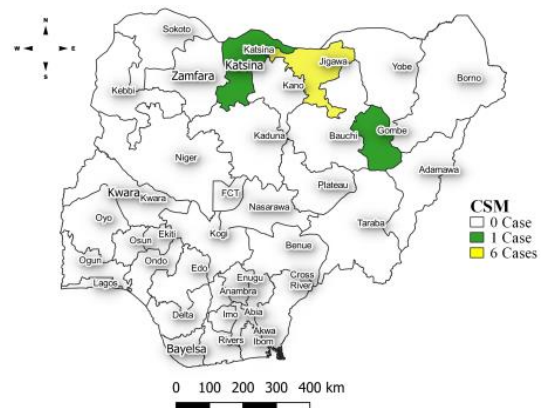


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 52, 2024



### Key points

- There were eight suspected cases of Cerebrospinal meningitis (CSM) reported from four LGAs in three 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 52

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

### Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
3128	2690	22	23	9	2	0.3%	0.07%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, weeks 1 – 52, 2024

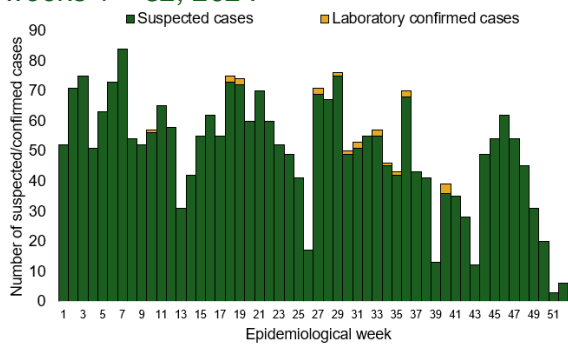
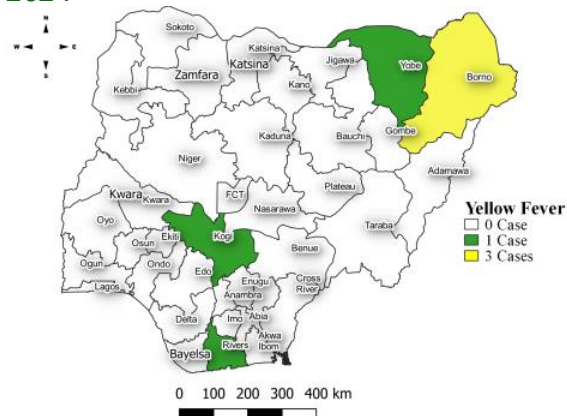


Figure 6: Location of suspected cases of Yellow Fever by States, Nigeria, week 52, 2024



### Key points

- There were six suspected cases of Yellow Fever (YF) reported from six LGAs in four 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 52

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
65	1	3	State: 6 LGA: 8

### Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
3690	24842	52	410	129	734	3.5%	2.9%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, weeks 1 – 52, 2024

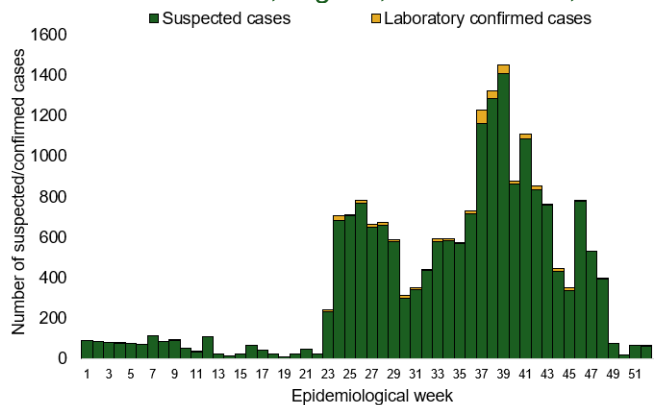
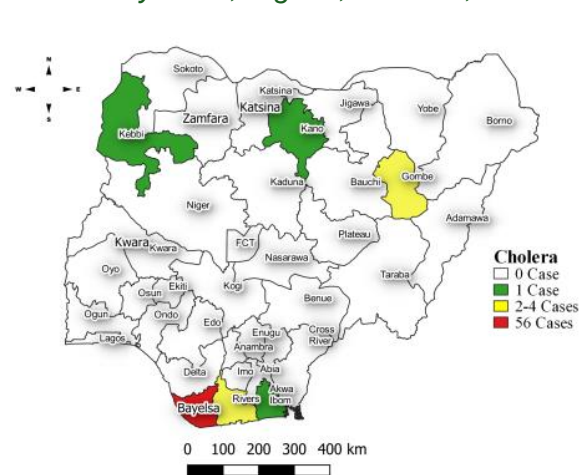


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 52, 2024



### Key points

- There were 65 suspected cases of Cholera reported from eight LGAs in six states. There was one laboratory confirmed case and three 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 52

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
17	1	0	State: 7 LGA: 9

### Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
20015	17237	2049	2585	124	97	0.6%	0.5%

Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, weeks 1 – 52, 2024.

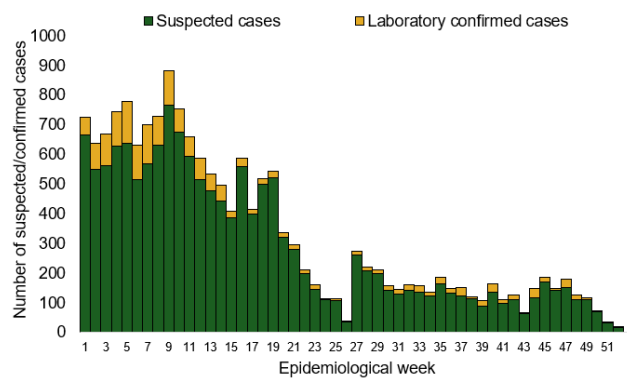
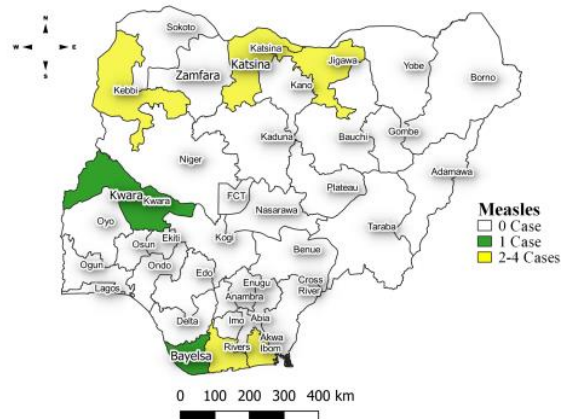


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 52, 2024



### Key points

- There were 17 suspected cases of Measles reported from nine LGAs in seven states. There was one laboratory confirmed case 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 52

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
9	0	0	State: 9 LGA: 20

## Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
931	1463	80	134	2	0	0.2%	0%

Figure 11: Number of suspected and confirmed cases of Mpox, Nigeria, weeks 1 – 52, 2024.

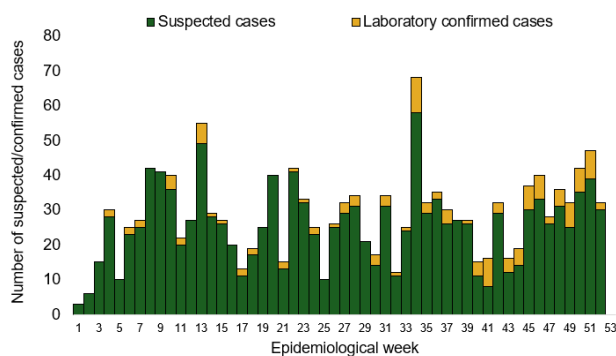
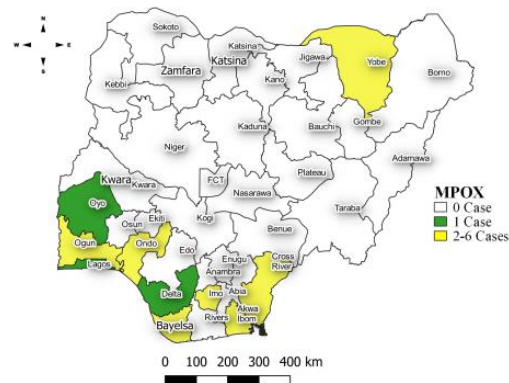


Figure 12: Location of suspected cases of Mpox by State, Nigeria, week 52, 2024



### Key points

- There were nine suspected cases of Mpox reported from 20 LGAs in nine states. There were two 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)



## Acute Flaccid Paralysis (AFP)

### Week 52

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
9	0	0	State: 4 LGA: 7

### Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
6932	5731	0	0	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, weeks 1 – 52, 2023

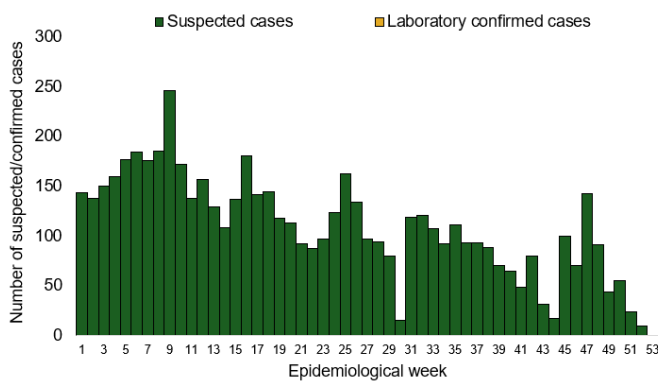
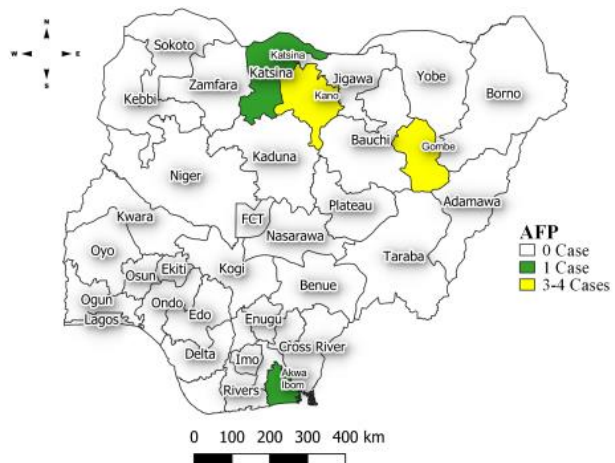


Figure 14: Location of suspected cases of AFP by State, Nigeria, week 52, 2024



### Key points

- There were nine suspected cases of AFP reported from seven LGAs in four states. There was no laboratory confirmed case and no death was recorded.

## National Influenza Sentinel Surveillance

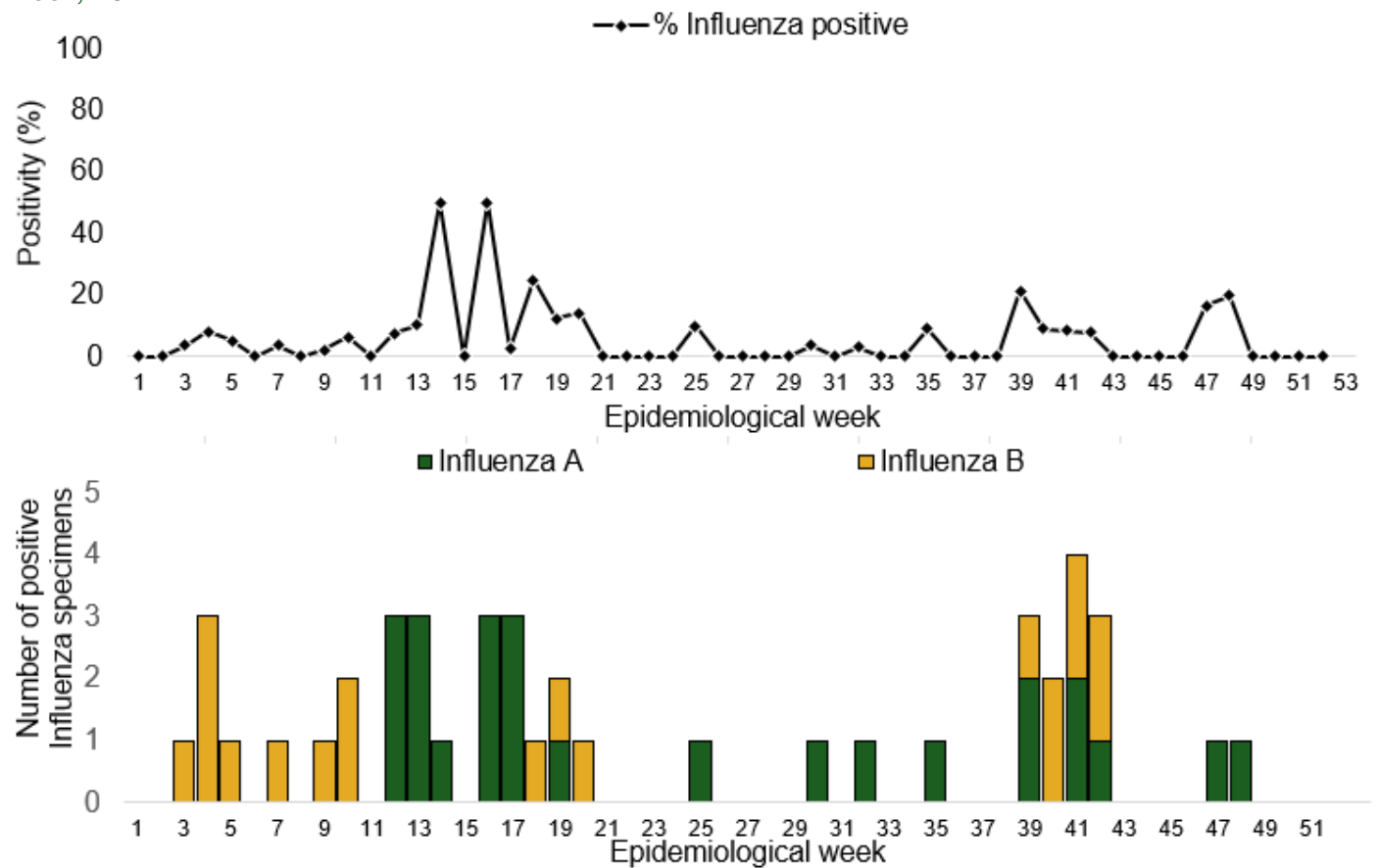
Week 52

Suspected Cases	Confirmed Cases	Confirmed Case by type	
		Influenza A	Influenza B
11	0	0	0

Year to date (week 1 – 52)

Suspected cases	Total Confirmed Cases	Confirmed cases by type	
844	44	Influenza A 25	Influenza B 19

Figure 15: Number of influenza positive specimens by type and percentage positive by epidemiological week, 2024.



## Coronavirus Disease (COVID-19)

### Week 52

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

### Year to date (Week 1- 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
64675	1890	661	804	181	1	0.3%	0.05%

Figure 16: Epidemic curve of confirmed cases of COVID-19, Nigeria, week 1 - 52, 2024

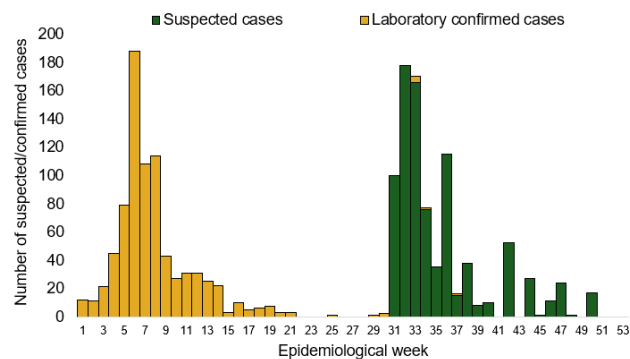
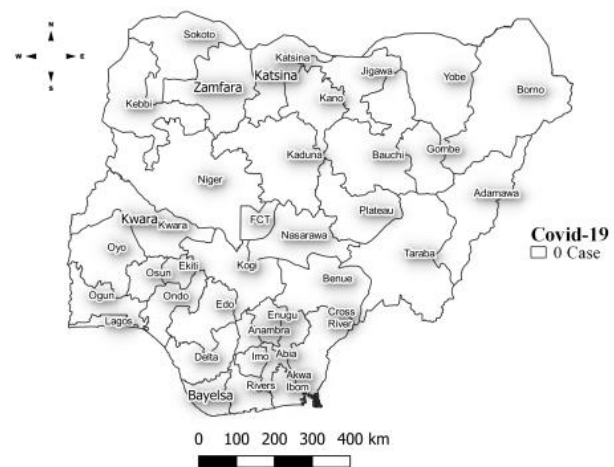


Figure 17: Location of confirmed cases of COVID-19 by State, Nigeria, as at week 52, 2024



### Key points

- There was no case reported for the 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 52

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
44	42	3	State: 1 LGA: 14

### Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2023	2024	2023	2024	2023	2024	2023	2024
23777	16976	13998	10539	769	488	3.2%	2.9%

Figure 18: Number of suspected and confirmed cases of Diphtheria, Nigeria, weeks 1 – 52, 2024

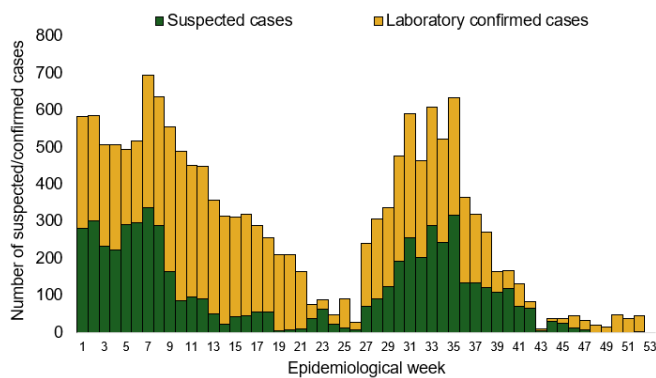
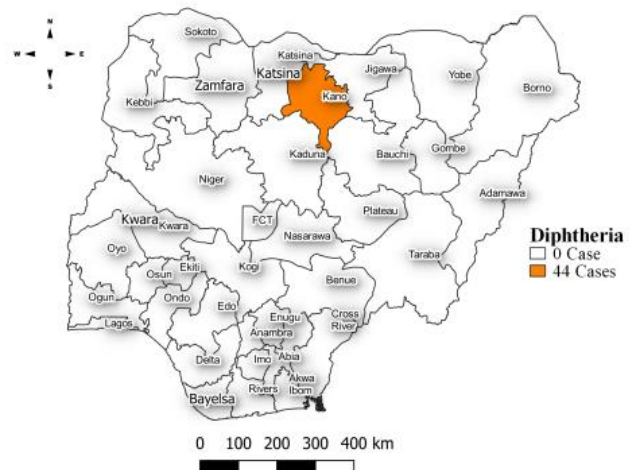


Figure 19: Location of suspected cases of Diphtheria by State, Nigeria, week 52, 2024



### Key points

- There were 44 suspected cases of Diphtheria reported from 14 LGAs in Kano state. There were 42 confirmed cases and three deaths were recorded.

### Actions

#### To date

- National Diphtheria Technical Working Group (TWG) is monitoring activities in all states
- 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)

### For the reporting week 52

- 187 Calls were successfully routed to agents and answered
- 0 calls not routed to agents (Failed call)
- 187 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 0.0%
- 3 signals picked

### For weeks 1 – 52

- 7,016 calls were successfully routed to agents and answered
- 217 calls not routed to agents (Failed call)
- 7,233 total inbound calls recorded
- The Percentage of failed to total inbound calls: 3.0%
- 89 Signals were picked and escalated

### Categories of Calls

- General inquiries 22
- Hoax call and others 51
- Enquiries on COVID-19 vaccination certificate 0
- Report of health conditions 8
- Inquiry on Cholera 11
- Health Declaration form-related queries - 3
- Inquiries on Diphtheria symptoms, treatment, and Vaccine 5
- Inquiries on yellow fever vaccine 1
- Inquiries on Lassa fever 42
- Inquiries on Mpox 9
- Inquiries on Mpox vaccine 2
- Covid19 vaccination inquiries 23

Figure 20: Number of successful and failed calls, weeks 1 – 52, 2024

