



Nigeria Centre for Disease Control and Prevention

...protecting the health of Nigerians

Weekly Epidemiological Report

Week 28: 10th – 16th July 2023

Highlight of the Week

Health Systems Strengthening: Launch of the Media EIS Fellowship



"When the next pandemic arrives, and it will, we must be ready to respond decisively, collectively, and equitably." - Tedros Adhanom Ghebreyesus (WHO Director-General)

In recent years, Nigeria has faced multiple infectious disease outbreaks, including avian influenza, Ebola, Mpox, COVID-19, yellow fever, rabies, bovine tuberculosis, measles, and rubella. More recently, the country has witnessed surges in Lassa fever, Mpox, diphtheria, cholera, and meningitis cases. A major gap identified by the NCDC during the response to these infectious outbreaks is the challenge of effective science communication, a requisite for the general public to accept and adopt public health advisories and to build resilience against the negative impacts of infodemics. This gap hinders the public's acceptance of health advisories and their ability to combat misinformation (infodemics).

The main issue lies in the limited understanding of disease outbreak dynamics among health reporters. As a result, they struggle to convey accurate information, set the agenda, and empower affected communities with the knowledge needed to make informed decisions. To bridge this gap, the NCDC, in collaboration with the Africa Field Epidemiology Network (AFENET) and Breakthrough ACTION Nigeria (BA-Nigeria) led by Johns Hopkins Centre for Communication Programs, has developed a unique initiative known as the "Media, Epidemiology, Infodemiology, and Social and Behaviour Change/Risk Communication Media Fellowship" (MEDIA-EIS Fellowship). This four-month program aims to equip journalists in the public health sector with a deeper understanding of Basic Epidemiology, Infodemiology, and Social and Behaviour Change (SBC)/Risk Communication.

The MEDIA-EIS Fellowship is designed to enhance the impact of field epidemiology investments, contributing to disease prevention, detection, and outbreak control, thus strengthening Nigeria's health security. The program intends to cultivate a group of media experts who will not only provide high-quality outbreak coverage but also play a vital role in ensuring accountability, transparency, and the promotion of best practices in financial, equity, and human rights aspects during outbreaks. Trained fellows will strive to ensure that vulnerable populations receive the same attention as their more privileged counterparts throughout all phases of emergency preparedness and response.

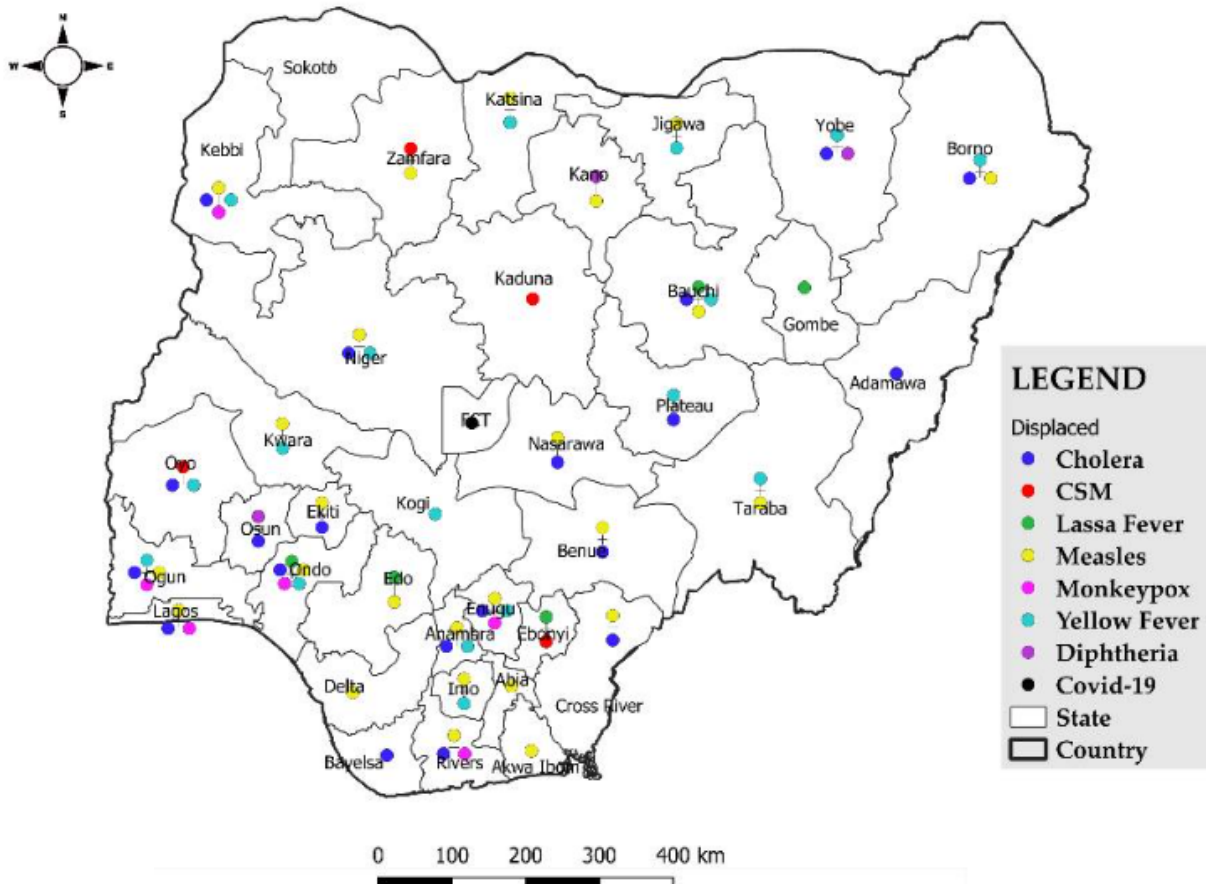
Summary of Incidents

Ongoing incidents

2

Ongoing incidents are defined as confirmed cases where a national EOC or equivalent has been activated (EOC is currently activated for COVID-19 and Diphtheria)

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



Data Source: SITAware

Summary

Week 28: 10th – 16th July 2023

Lassa Fever ^{1,2}	Cerebrospinal Meningitis (CSM) ^{1,3}	Yellow Fever ^{1,3}
119 Suspected case(s)	168 Suspected case(s)	54 Suspected case(s)
10 Confirmed case(s)	12 Confirmed case(s)	0 Confirmed case(s)
1 Death(s)	0 Death(s)	0 Death(s)
Cholera ^{1,3}	Measles ^{1,3}	Mpox ^{1,3}
38 Suspected case(s)	106 Suspected case(s)	10 Suspected case(s)
6 Confirmed case(s)	10 Confirmed case(s)	0 Confirmed case(s)
3 Death(s)	0 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) ^{1,3}	National influenza surveillance ⁴	Sentinel Coronavirus Disease ^{1,3}
114 Suspected case(s)	11 Suspected case(s)	14 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
		0 Death(s)
Diphtheria ^{1,3}		
168 Suspected case(s)		
63 Confirmed case(s)		
1 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 28

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
119	10	1	State: 11+ FCT LGA: 36

Year to date (week 1 – 28)

Suspected cases		Confirmed cases		Deaths		CFR	
2022	2023	2022	2023	2022	2023	2022	2023
5757	6483	847	1000	167	171	19.7%	17.1%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Weeks 1 – 28, 2023

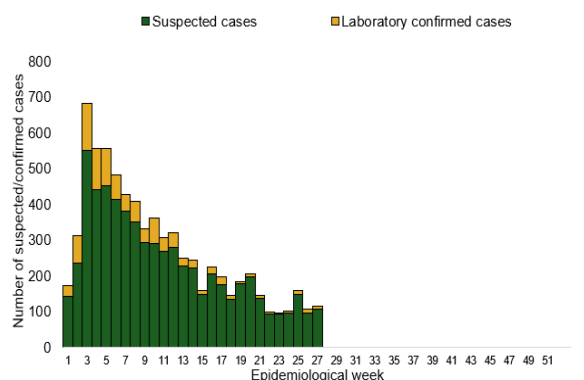
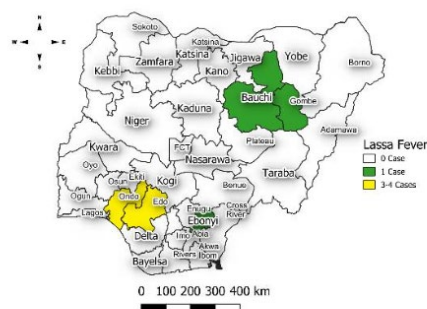


Figure 2: Location of **confirmed** cases of Lassa Fever by State, Nigeria, week 28, 2023



Key points

- There were 119 suspected cases from 36 LGAs in 11 states and FCT. There were 10 laboratory-confirmed cases in five states and one death was recorded.

Actions

To date:

- Multi-sectoral Public Health Emergency Operation Centres (PHEOC) activated at the National and affected States.
- Conducted risk assessment in preparation for de-escalation of the response and/or deactivation of the IMS/EOC
- Conducted a three-day LF Human-Centred Design synthesis workshop with support from BAN.
- Conducted Lassa fever risk assessment.

Cerebrospinal Meningitis (CSM)

Week 28

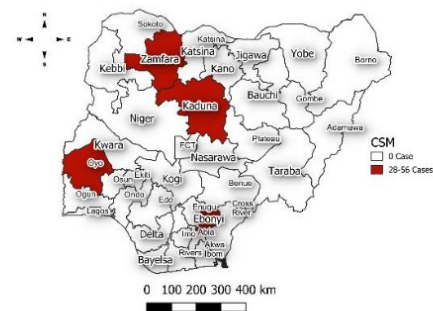
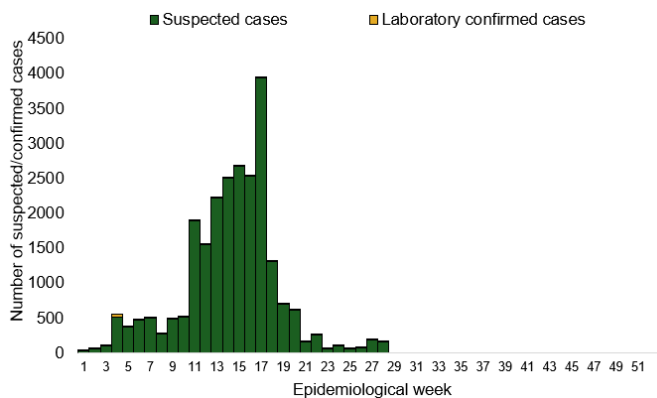
Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
168	12	0	State: 4 LGA: 11

Year to date (week 1 – 28)

Suspected cases		Confirmed cases		Deaths		CFR	
2022	2023	2022	2023	2022	2023	2022	2023
703	2423	0	288	100	153	14.4%	6.3%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, weeks 1 – 28, 2023

Figure 4: Location of suspected cases of CSM by State, Nigeria, week 28, 2023



Key points

- There were 168 suspected cases of Cerebrospinal meningitis (CSM) reported from 11 LGAs in four states. There were 12 laboratory confirmed cases and no death was recorded.

Actions

To date:

- National CSM TWG meets weekly to review reports from states and plan appropriately
- Monitoring of epidemiological trend to guide plans for reactive vaccination campaigns,

Yellow Fever

Week 28

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
54	0	0	State: 21 LGA: 42

Year to date (week 1 – 28)

Suspected cases		Confirmed cases		Deaths		CFR	
2022	2023	2022	2023	2022	2023	2022	2023
971	1637	10	21	1	4	0.1%	0.02%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, weeks 1 – 28, 2023

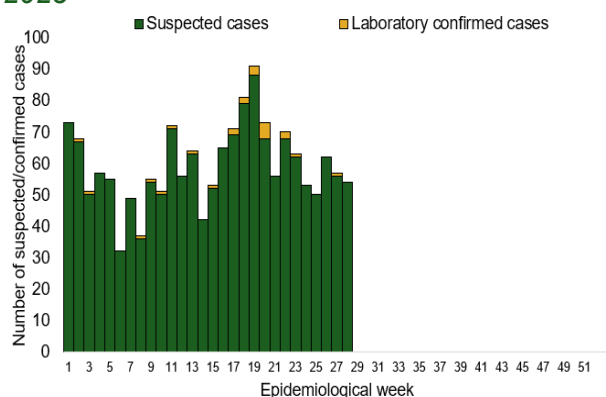
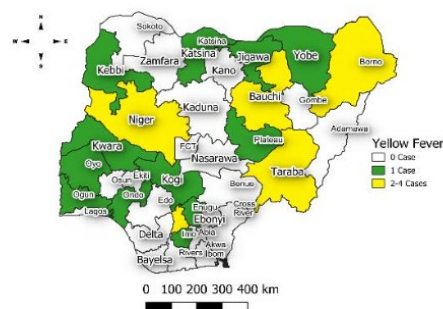


Figure 6: Location of suspected cases of Yellow Fever by States, Nigeria, week 28, 2023



Key points

- There were 54 suspected cases of Yellow Fever (YF) reported from 42 LGAs in 21 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.
- Daily monitoring and analysis of surveillance data across the country to guide response activities.

Cholera

Week 28

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
38	6	3	State: 7 LGA: 12

Year to date (week 1 – 28)

Suspected cases		Confirmed cases		Deaths		CFR	
2022	2023	2022	2023	2022	2023	2022	2023
2256	2316	9	44	19	55	0.9%	2.4%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, weeks 1 – 28, 2023

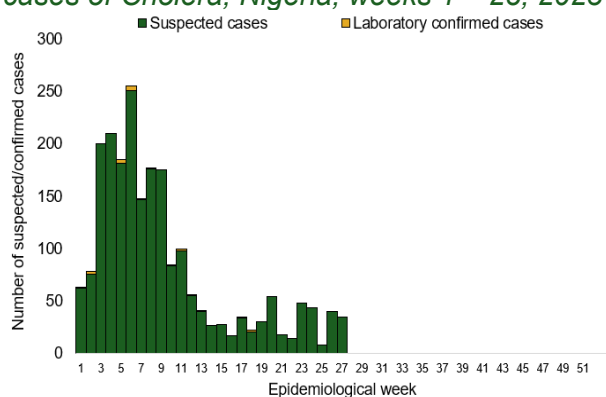
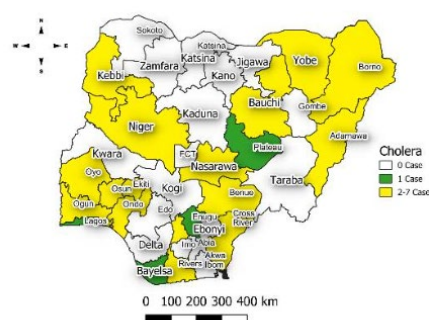


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 28, 2023



Key points

- There were 38 suspected cases of Cholera reported from 12 LGAs in seven states. There were six laboratory confirmed cases and three deaths were recorded.

Actions

To date

- National Cholera Multi-Sectoral Technical Working Group (TWG) is monitoring all states and supporting affected states.
- Ongoing surveillance in all states through the routine Integrated Disease Surveillance and Response (IDSR) and Event Based Surveillance (EBS).
- Continuous construction of sanitation and hygiene facilities with boreholes in cholera hotspots • Conducted WASH Sector review workshop.

Measles

Week 28

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
106	10	0	State: 25 LGA: 103

Year to date (week 1 – 28)

Suspected cases		Confirmed cases		Deaths		CFR	
2022	2023	2022	2023	2022	2023	2022	2023
50965	15265	3486	1276	309	10	0.6%	0.2%

Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, weeks 1 – 28, 2023.

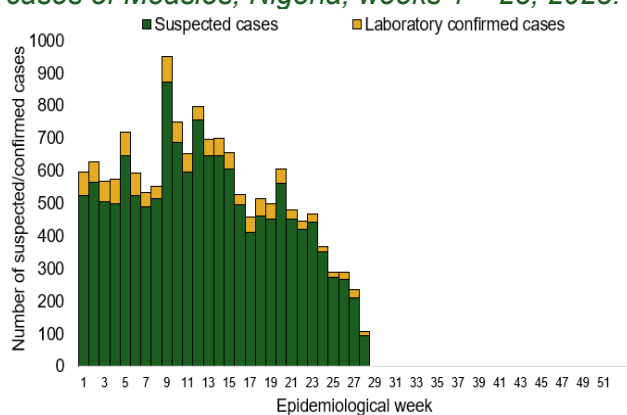
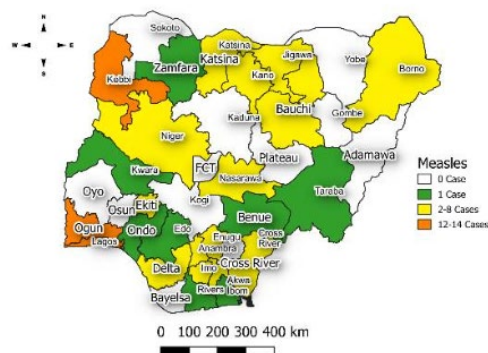


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 28, 2023



Key points

- There were 106 suspected cases of Measles reported from 103 LGAs in 25 states. There were 10 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.
- Ongoing weekly surveillance and laboratory data harmonisation.

Mpox

Week 28

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
10	0	0	State: 6 LGA: 9

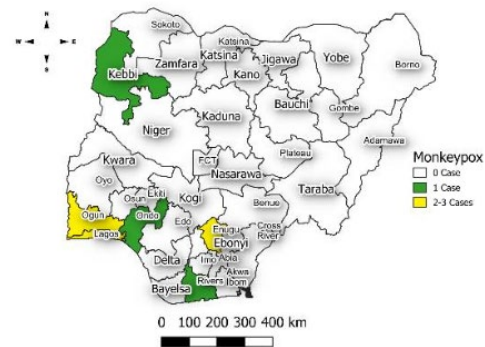
Year to date (week 1 – 28)

Suspected cases		Confirmed cases		Deaths		CFR	
2022	2023	2022	2023	2022	2023	2022	2023
338	828	117	80	3	2	1.2%	0.2%

Figure 11: Number of suspected and confirmed cases of Mpox, Nigeria, weeks 1– 28, 2023.



Figure 12: Location of suspected cases of Mpox by State, Nigeria, week 28, 2023



Key points

- There were ten suspected cases of Mpox reported from nine LGAs in six states. there was no laboratory confirmed case and no death was reported

Actions To date

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

Acute Flaccid Paralysis (AFP)

Week 28

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
114	0	0	State: 26 LGA: 94

Year to date (week 1 – 28)

Suspected cases		Confirmed cases		Deaths		CFR	
2022	2023	2022	2023	2022	2023	2022	2023
1731	2836	0	0	7	13	0.2%	0.4%

Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, weeks 1 – 28, 2023

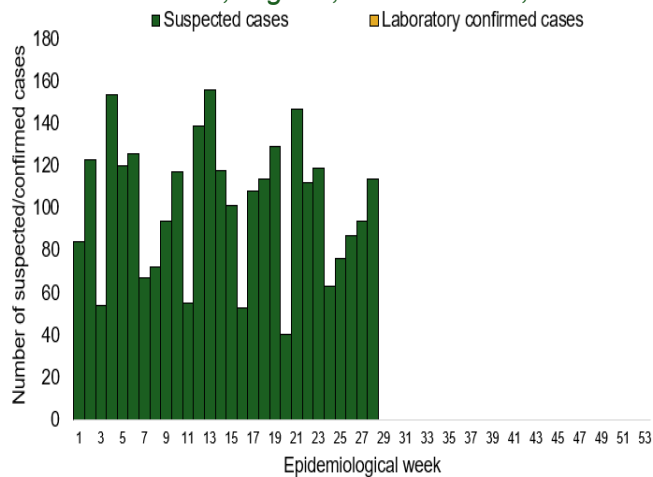
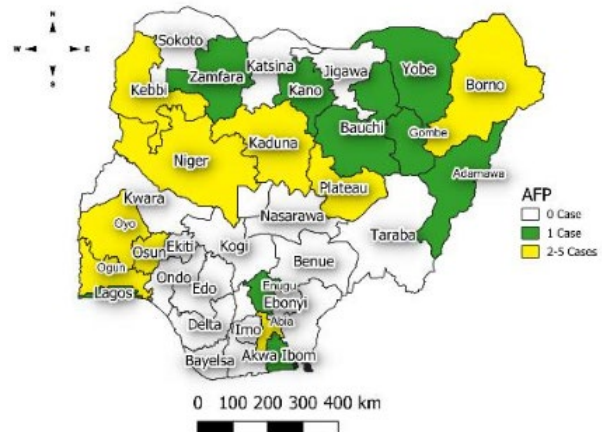


Figure 14: Location of suspected cases of AFP by State, Nigeria, week 28, 2023



Key points

- There were 86 suspected cases of AFP reported from 63 LGAs in 20 states and FCT. None was laboratory confirmed and no death was recorded.

National Influenza Sentinel Surveillance

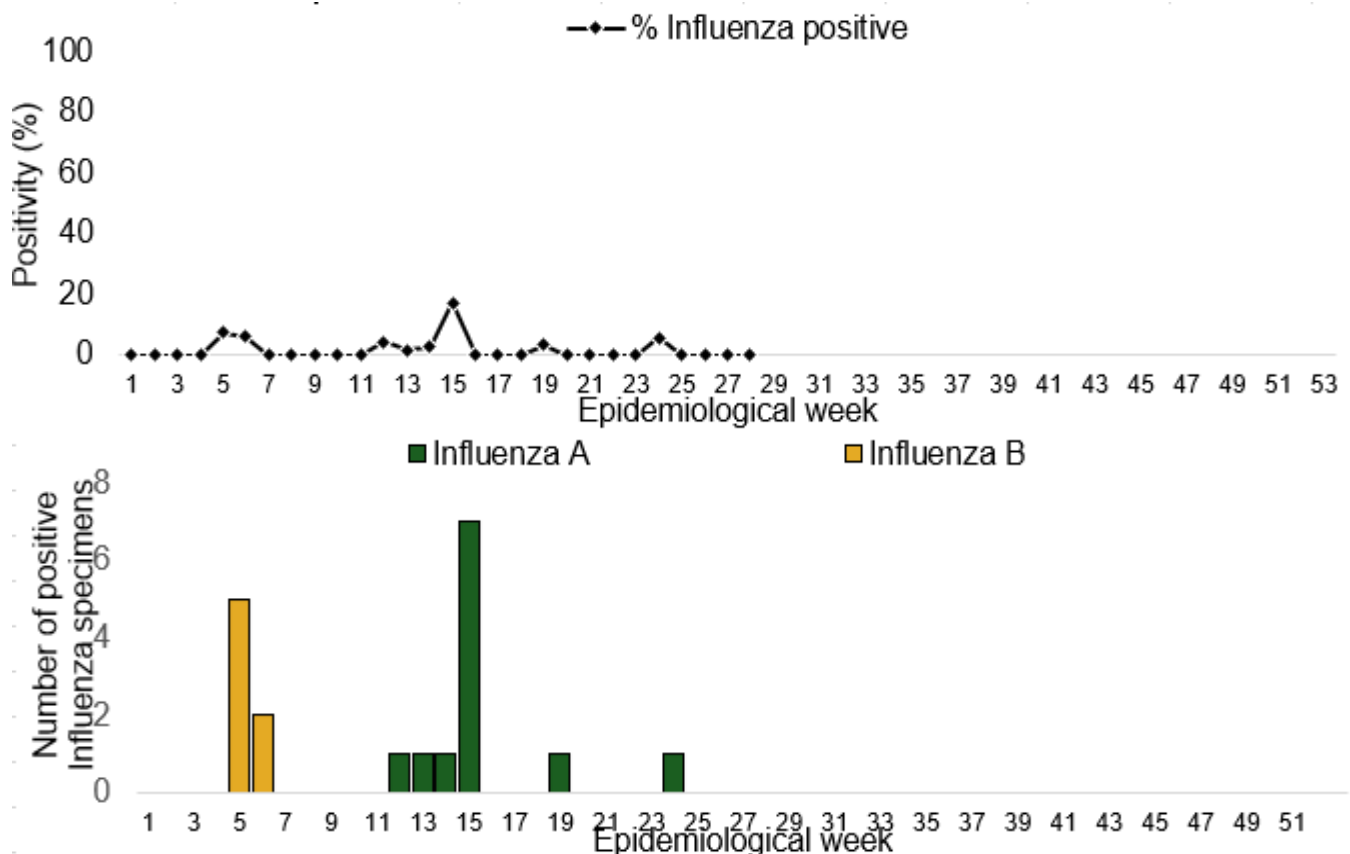
Year to date (week 1 – 28)

Suspected cases	Suspected ILI	Suspected SARI	Total Confirmed Cases	Confirmed cases by type	
				Influenza A	Influenza B
777	470	307	19 (2.5%)	12(63.2%)	7(36.8%)

Week 28

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

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



Coronavirus Disease (COVID-19)

Week 28

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
14	0	0	State: FCT LGA: 1

Year to date (Week 1- 28)

Test conducted	Confirmed cases	Deaths	Number of States and LGAs affected
3410	474	1	State: 26 + FCT LGA: 51

Figure 16: Epidemic curve of confirmed cases of COVID-19, Nigeria, week 28, 2023

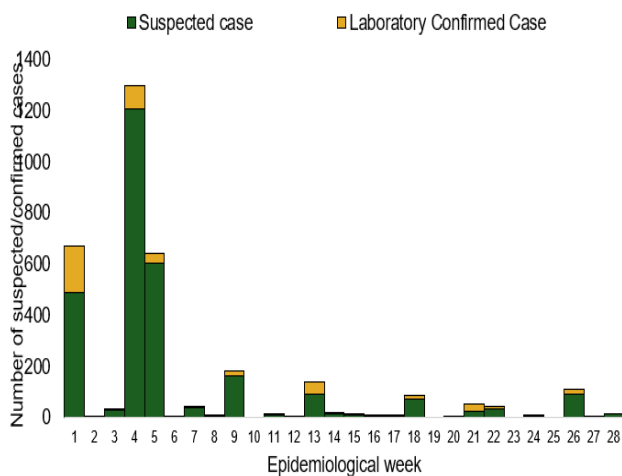
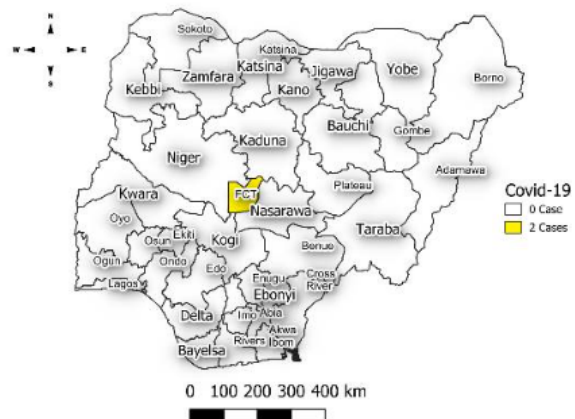


Figure 17: Location of confirmed cases of COVID-19 by State, Nigeria, as at week 28, 2023



Key points

- There were 14 suspected cases of Covid-19 reported from one LGA in FCT. There was no laboratory confirmed case and no death was recorded.

Actions

To date:

- Multi-sectoral Public Health Emergency Operation Centres (PHEOC) activated at the National and affected States
- Engagement meetings with state teams on the ongoing response, Sitrep reporting and Ag-RDT data harmonization, challenges, and way forward.
- Mainstreaming of COVID-19 response activities into routine public health interventions such as surveillance, risk communication, testing etc.
- Continue to monitor global trends on COVID-19.
- Enhance surveillance at points of entry.

Diphtheria

Week 28

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
168	63	1	State: 3 LGA: 13

Year to date (week 1 – 28)

Suspected cases		Confirmed cases		Deaths		CFR	
2022	2023	2022	2023	2022	2023	2022	2023
0	3345	0	1290	0	98	0%	2.9%

Figure 18: Number of suspected and confirmed cases of Diphtheria, Nigeria, weeks 1 – 28, 2023

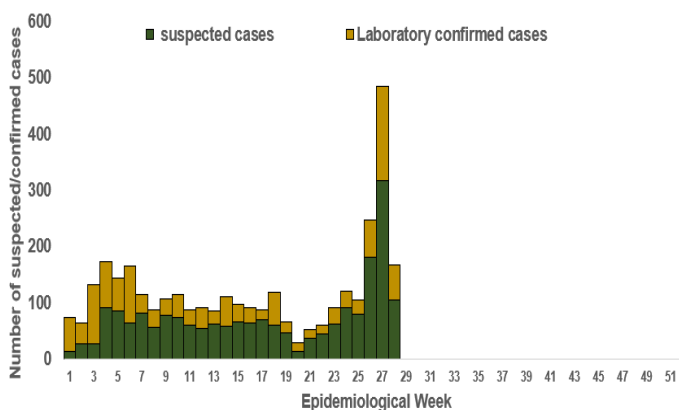
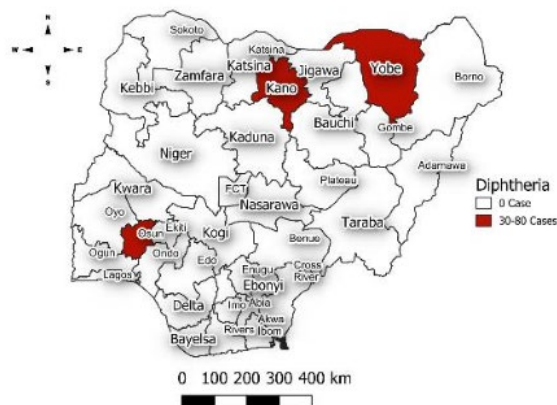


Figure 19: Location of suspected cases of Diphtheria by State, Nigeria, week 28, 2023



Key points

- There were 168 suspected cases of Diphtheria reported from 13 LGAs in three states. There were 63 confirmed cases and one death was recorded.

Actions To date

- Multi-sectoral Public Health Emergency Operation Centres (PHEOC) activated at the National and affected States
- Harmonisation of surveillance and laboratory data from across states and laboratories.
- Provision of off-site surveillance support to affected States.
- Conducting data quality checks on surveillance data from affected states

Event Based Surveillance (EBS)

Week 28

Call Summary per Call Hub as of week 28, 2023

Call Hubs	NCDC	GLO	Total
Successful Calls	107	0	107
Failed Calls	114	0	114

Number of Received/Resolved Health Declaration calls/emails for week 28

Calls	Emails	WhatsApp/texts
10	20	5

Disease conditions and events of public health importance captured as signals for the reporting week 28, 2023.

Number of Signals Category by Epi Week																													
S/N	Epi Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	COVID19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Lassa Fever	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
3	Yellow Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CSM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Cholera	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Monkey Pox	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Measles & Rubella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	One Health Related Signals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Unexplained cluster of Illness/ death in humans	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Disease or events of international or National Concern	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Others	0	0	5	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	2	0	0	1	0
	TOTAL	1	1	6	1	0	1	0	0	0	0	0	2	1	0	0	0	0	0	0	0	1	2	0	2	0	0	0	

Key points

For the reporting week 28:

- **107** Calls were successfully routed to agents and answered.
- **114** calls not routed to agents (Failed call)
- **221** total number of calls (successful and failed)
- Percentage of failed to total inbound calls **51.6%**
- **0 signal picked**

For week 1 - 28

- **11,743** calls successfully routed to agents and answered.
- **2,208** calls not routed to agents (Failed call)
- **13,951** total inbound calls recorded
- Percentage of failed to total inbound calls: **15.8%**
- **20** Signals picked and escalated to 36 states and FCT

Categories of Calls

- Report of health conditions
- Health Declaration-related queries
- Yellow Fever Vaccine enquiries
- Travel advisory enquiries
- TB related enquiries
- COVID19 Vaccine enquiries
- General enquiries
- Hoax call and others