

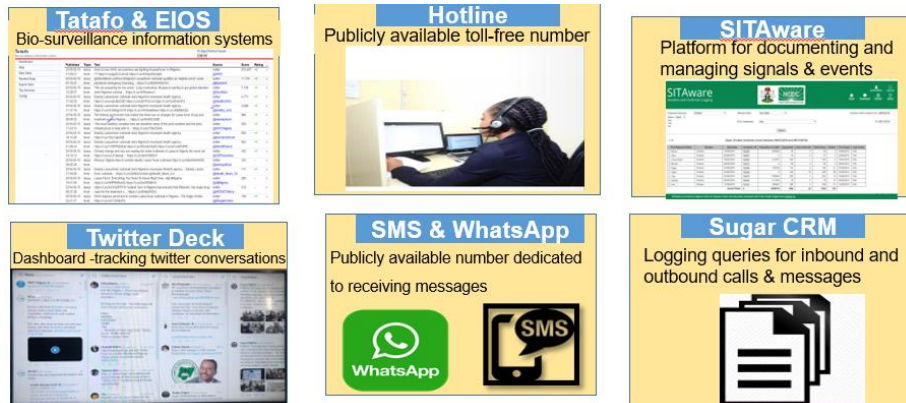
Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 32: 9th – 15th August, 2021

Highlight of the Week

The NCDC Connect Centre: Implications for national health security



In the last five years, the Nigeria Centre for Disease Control (NCDC) has recorded large outbreaks of epidemic-prone diseases (EPDs) which were subsequently controlled using evidence-based public health measures. Since 1998, the sub-national – national reporting of these diseases has been mainly through the World Health Organisation paper-based Integrated Disease Surveillance and Response (IDSR) strategy for the African region (WHO-AFRO). This strategy, although effective, is however associated with challenges of delayed subnational – national diseases notification thereby affecting timely response to public health threats.

To address the above, there was a need to establish a readily accessible channel (call lines) through which the public can reach the NCDC for real time notification of public health events. In line with this, the NCDC with the support of University of Maryland, Baltimore in 2016 established the NCDC Event Based Surveillance (EBS) unit called the “**Connect Centre**”. Since then, the World Health Organisation, Public Health England and other development partners have been providing needed support to strengthen this centre thereby contributing to early warning alert and response system (EWARS).

The NCDC Connect Centre has continued to evolve with necessary operational tools and gadgets in place. These are standard operating procedures; national EBS guidelines; templates for daily reporting / logging signals and events; dashboard and monitors, 24/7 internet services, and workflow. It is a centralized structure that combines the use of hotlines, IVR moderated searches through Tatafo and EIOS, email, short message services (SMS), WhatsApp messaging, web assessment, BOT chat, and social media scanning for early detection of potential outbreak known as signal capturing.

At the peak of the first wave of coronavirus disease 2019 (COVID)-19 pandemic, the traffic recorded in our call lines was swiftly addressed through the expansion and upgrade of the centre. We are grateful to the World Bank Regional Disease Surveillance System Enhancement (WB REDISSE) programme for providing this support. Following this, through our trained call agents, we were able to respond to large volume of calls, address public concerns and respond to all notifications. Trainings were also conducted for personnel and volunteers of other relevant Ministries, Departments and Agencies as well as private telecommunication companies.

Given the critical role of the Connect Centre in strengthening epidemic intelligence, we urge members of the community to continue to utilise the call lines to immediately notify the NCDC of any potential public health threat in your environment. We also urge our states’ colleagues to continue to support their respective call centres to further strengthen national health security.

For notification of EPDs and other public health threats, our trained call agents are readily available 24/7 and can be reached via NCDC hotline 6232.

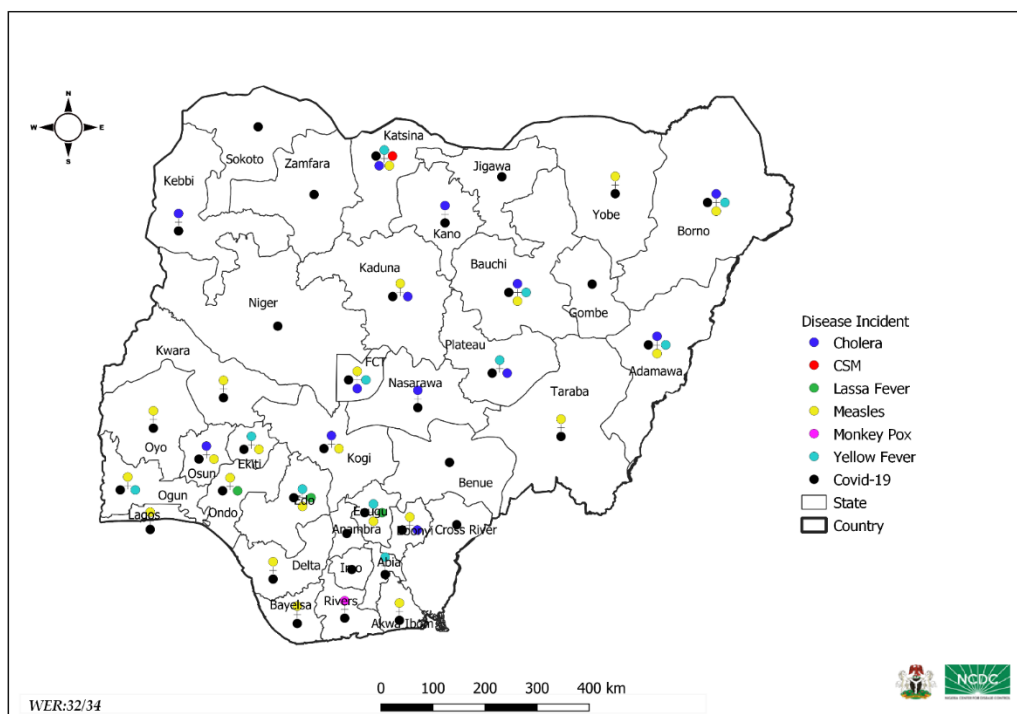
Summary of Incidents

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 Cholera)

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



Data Source: SITAware

Summary

Week 32: 9th – 15th August, 2021

Note: Coronavirus Disease is from outbreak onset till week 34 2021: 29th August, 2021)

Lassa Fever _{1,2}	Cerebrospinal Meningitis (CSM) _{3,4}	Yellow Fever _{3,4}
46 Suspected case(s)	1 Suspected case(s)	53 Suspected case(s)
4 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
2 Death(s)	0 Death(s)	0 Death(s)
Cholera _{3,4}	Measles _{3,4}	Monkeypox _{1,4}
4545 Suspected case(s)	446 Suspected case(s)	1 Suspected case(s)
1 Confirmed case(s)	1 Confirmed case(s)	0 Confirmed case(s)
74 Death(s)	1 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) _{3,4}	National Sentinel influenza surveillance ₅	Coronavirus Disease as at week 34 ₁
121 Suspected case(s)	0 Suspected case(s)	2,779,725 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	191,345 Confirmed case(s)
		2,454 Death(s)

Timeliness of reports ₃	Completeness of reports ₃
89.2% Last 4 weeks	100% Last 4 weeks
94.4% Year to date	100% Year to date

Notes

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. Information for this disease was retrieved from IDSR 002 data
4. CFR for this disease is reported for total cases i.e. suspected + confirmed
5. Information for sentinel influenza was retrieved from the laboratory

Lassa Fever

Week 32

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
46	4	2	State: 3 LGA: 3

Year to date (week 1 – 32)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
5494	2732	1060	354	220	70	20.8%	20%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Weeks 1 – 32, 2021

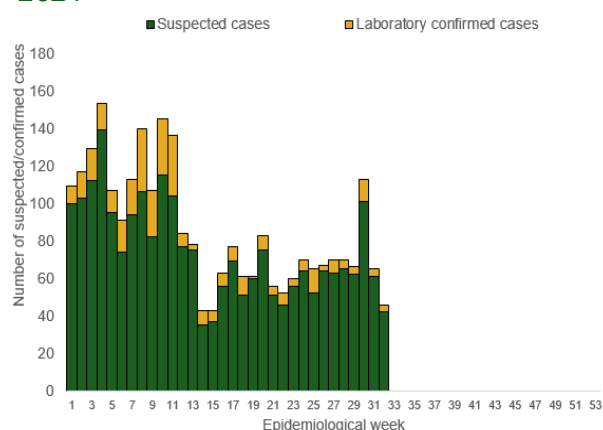
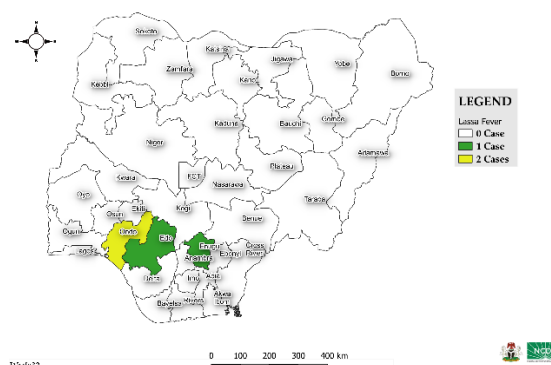


Figure 2: Location of **confirmed** cases of Lassa Fever by State, Nigeria, week 32, 2021



Key points

- There were 46 suspected cases, four were laboratory confirmed and two deaths were recorded from three LGAs in three states

Actions

To date:

- Conducted 2021 Lassa fever (LF) high burden states preparedness/response engagement meeting
- Dissemination of reviewed case management and safe burial practices guidelines
- Ensured all five LF molecular laboratories in the NCDC network are working at full capacity for timely testing of samples with reduced turnaround time

Planned:

- Finalise LF five-year strategic plan

Cerebrospinal Meningitis (CSM)

Week 32

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

Year to date (week 1 – 32)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
511	172	11	11	9	3	1.8%	1.7%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, weeks 1 – 32, 2021

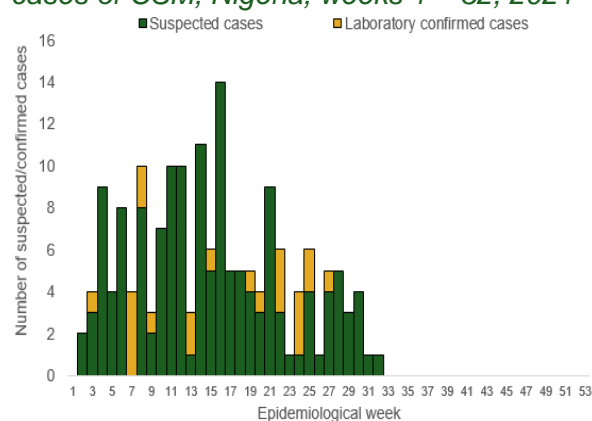
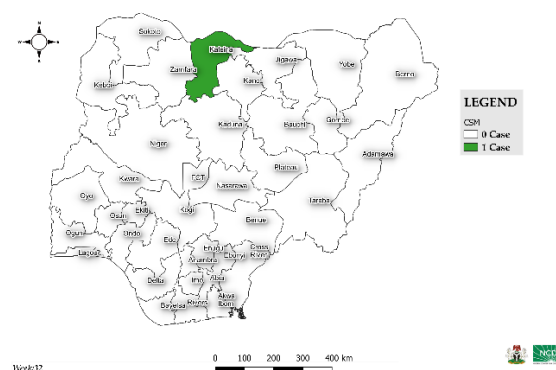


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 32, 2021



Key points

- There was one suspected case of cerebrospinal meningitis (CSM) reported from Katsina LGA in Katsina state. It was not laboratory confirmed and no death was recorded.

Actions

To date:

- National CSM TWG meets weekly to review reports from states and plan appropriately
- Enhanced surveillance in all states

Planned:

- Continue harmonisation of the national line list and SORMAS data
- Continue to ensure that states reporting cases send their line lists and collect CSM samples

Yellow Fever

Week 32

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
53	0	0	State: 10 + FCT LGA: 28

Year to date (week 1 – 32)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
1462	1463	13	48	0	4	0%	0.3%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, weeks 1 – 32, 2021

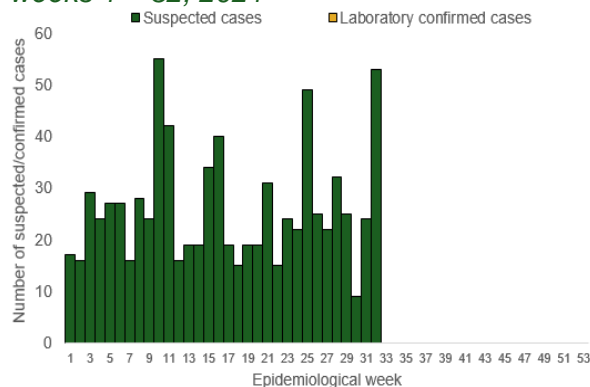
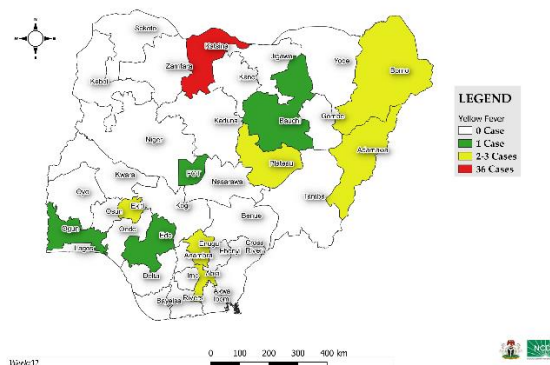


Figure 6: Location of suspected cases of Yellow Fever by States, Nigeria, week 32, 2021



Key points

- There were 53 suspected cases of Yellow Fever (YF) reported from 28 LGAs in ten states & FCT. None were laboratory confirmed 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
- Commenced yellow fever testing for the South-East and South-South at University of Nigeria Teaching Hospital Enugu and University of Benin Teaching Hospital Benin City respectively

Planned:

- Continue implementation of the Incident Action Plan (IAP) and mobilize required resources for yellow fever preparedness
- Develop a protocol to guide response in states/LGAs with YF confirmed cases where vaccination campaigns have been conducted

Cholera

Week 32

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
4545	1	74	State: 12 + FCT LGA: 108

Year to date (week 1 – 32)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
1071	43868	40	270	59	1223	5.5%	2.8%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, weeks 1 – 32, 2021

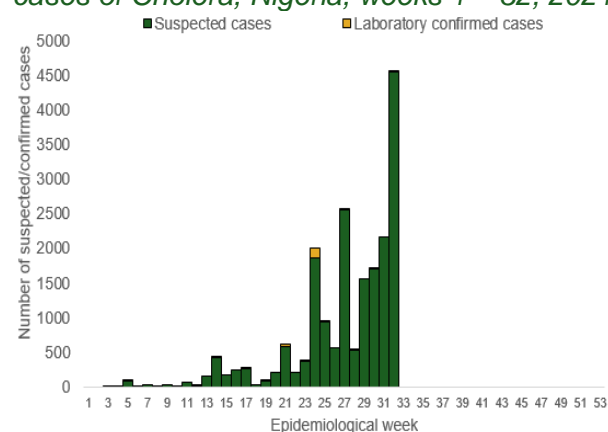
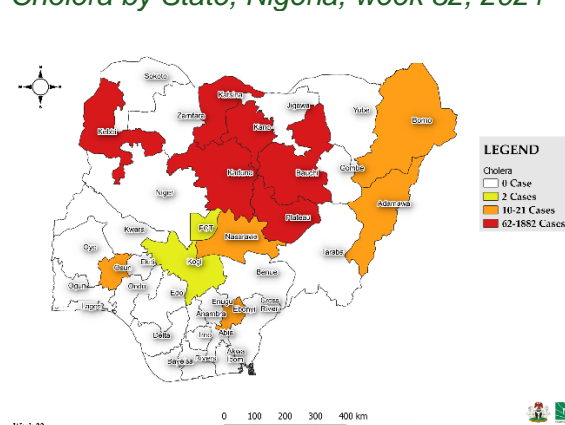


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 32, 2021



Key points

- There were 4545 suspected cases of cholera reported from 108 LGAs in 12 states and FCT. One case was laboratory confirmed and 74 deaths were recorded

Actions

To date

- National Cholera Multi-Sectoral Technical Working Group (TWG) is monitoring all states and supporting affected states
- National Rapid Response Teams (RRTs) with response commodities were deployed to support the response in all affected states
- Cholera jingles being aired in English and local languages across the country

Planned:

- Continue follow up and monitoring of non-reporting states
- Build capacity for sample collection, transportation, and laboratory diagnosis across states

Measles

Week 32

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
446	1	1	State: 20 + FCT LGA: 77

Year to date (week 1 – 32)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
20406	17541	2063	876	111	204	0.5%	1.2%

Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, weeks 1 – 32, 2021

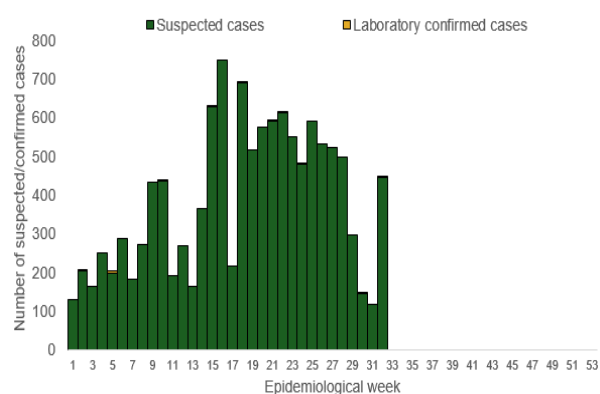
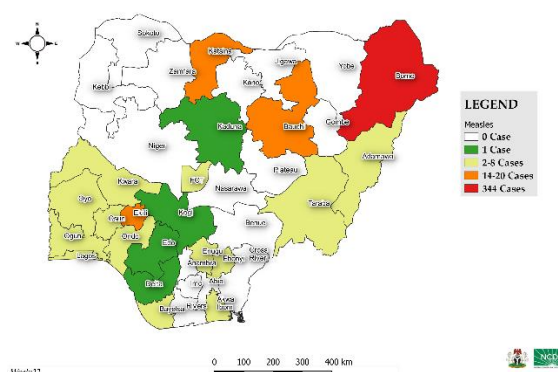


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 32, 2021



Key points

- There were 446 suspected cases of Measles reported from 77 LGAs in 20 states & FCT. One case was laboratory confirmed and one 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

Planned:

- Intensify follow up with states to update and transmit line list
- Continue monthly measles surveillance data review

Monkeypox

Week 32

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

Year to date (week 1 – 32)

Suspected cases	Confirmed cases	Deaths	CFR
2020 2021	2020 2021	2020 2021	2020 2021
21 *79	3 *23	0 0	0% 0%

*Outbreak data added to routine data

Figure 11: Number of suspected and confirmed cases of Monkeypox, Nigeria, weeks 1 – 32, 2021

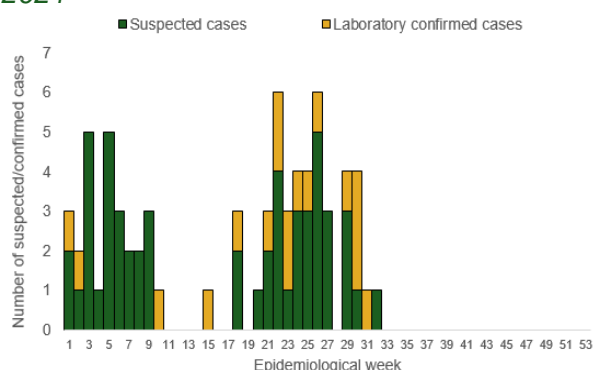
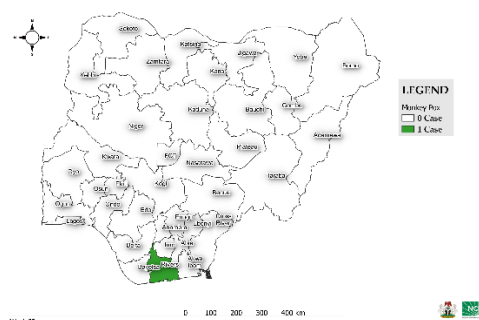


Figure 12: Location of suspected cases of Monkeypox by State, Nigeria, week 32, 2021



Key points

- There was one suspected case of Monkeypox reported in Degema LGA in Rivers state. It was not laboratory confirmed and no death was recorded

Actions To date

- Engagement of community and LGA surveillance officers to support state and LGA surveillance teams
- National Monkeypox Technical Working Group (TWG) is monitoring activities in all states

Planned:

- Weekly follow up calls/emails to states surveillance team and MPX treatment facilities
- Continue onsite/offsite support to states

Acute Flaccid Paralysis (AFP)

Week 32

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
121	0	0	State: 26 + FCT LGA: 102

Year to date (week 1 – 32)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
2778	2120	0	0	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, weeks 1 – 32, 2021

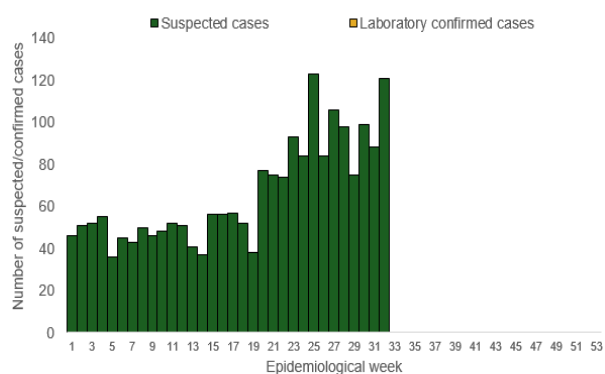
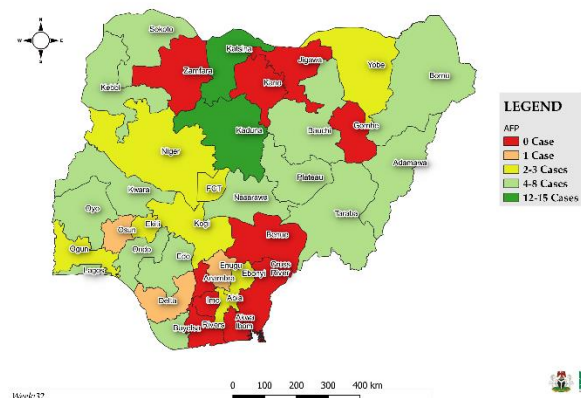


Figure 14: Location of suspected cases of AFP by State, Nigeria, week 32, 2021



Key points

- There were 121 suspected cases of AFP reported from 102 LGAs in 26 states & FCT. None were laboratory confirmed and no death was recorded.

National Influenza Sentinel Surveillance

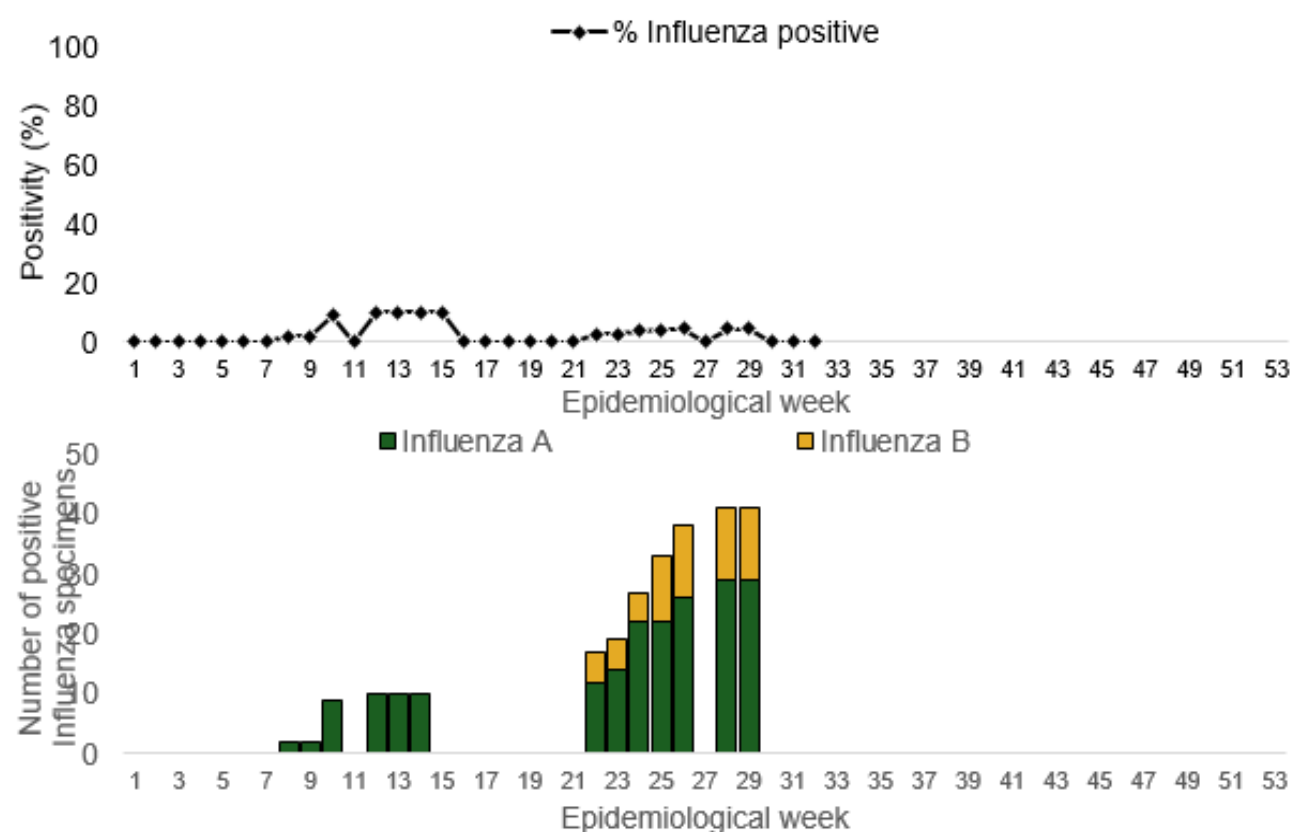
Year to date (week 1 – 32)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	962	850 (88%)	112 (12%)

Week 32

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	0	0	0	0	0	0
Positivity (%)	0%	0%	0%	0%	0%	0%

Figure 15: Number of influenza positive specimens by type and percentage positive by epidemiological week, 2021.



Coronavirus Disease (COVID-19)

From outbreak onset (Feb 27 2020) to epi-week 34, 2021

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
2,779.725	191,345	2,454	State: LGA:

Figure 16: Epidemic curve of confirmed cases of COVID-19, Nigeria, week 1, 2020 – 34, 2021

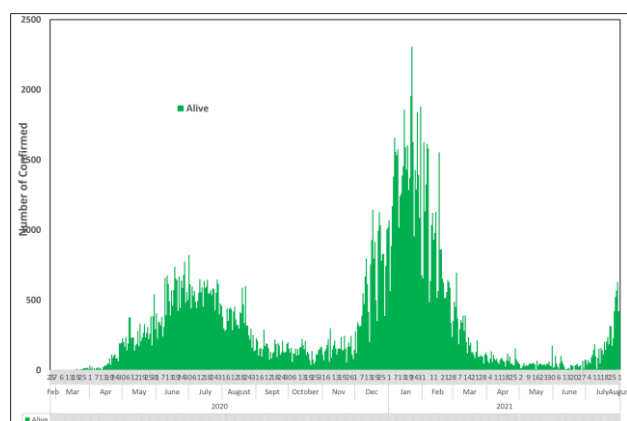
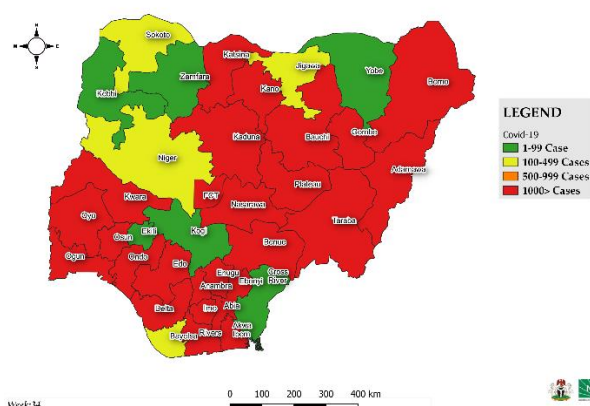


Figure 17: Location of **confirmed** cases of COVID-19 by State, Nigeria, as at week 34, 2021



Actions

To date:

- National COVID-19 multi-partner Emergency Operations Centre (EOC) continues to coordinate response activities across states
- Ongoing assessment of 30 health facilities in FCT and Nasarawa State for IPC implementation in collaboration with Institute of Human Virology Nigeria (IHVN)
- Conducted Training of Trainers on the appropriate and safe use of approved Ag-RDTs for COVID-19 diagnosis in South-East geopolitical zone
- Ongoing promotion of COVID-19 messages on testing, signs and symptoms, location of testing facilities, price of testing, and location of vaccination sites

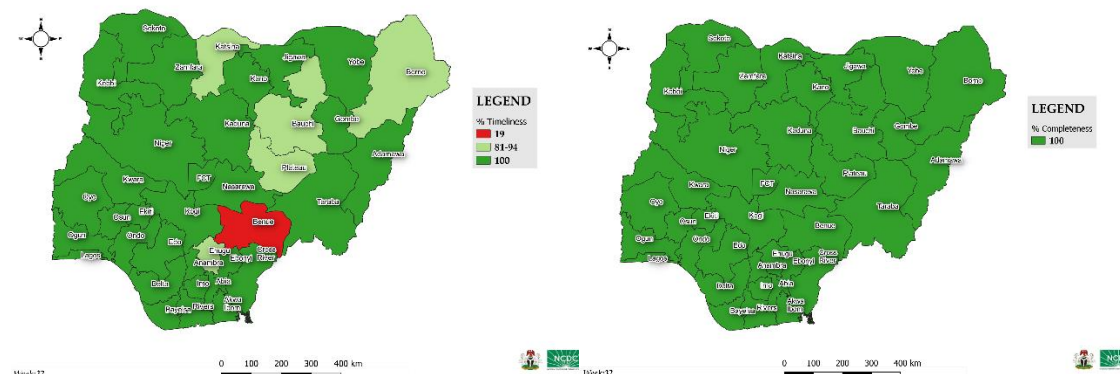
Planned:

- Conduct IPC training on COVID-19 for healthcare workers in FCT, Enugu, Ebonyi, Abia, Cross River and Rivers States
- Finalise data collection tools for Caritas Nigeria

Timeliness and Completeness of Reports

Week 32

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), week 32, 2021



Number of reports received on time, late or not received, the percentage timeliness and completeness, in the last 4 weeks and year to date

Nigeria Total Reports	Last 4 Weeks Week 28 – 32	Year to date Week 1 – 32
Reports sent on time	132	1118
Reports sent late	16	66
Reports not received	0	0
Timeliness	89.2%	94.4%
Completeness	100%	100%

States with report(s) not received in 2021 (week 1 – 32)

State	Week(s) report not received
NIL	NIL

Timeliness and Completeness of Reports by State

Year to date (week 1 – 32)

State	Timeliness (%)	Completeness (%)
Abia	94	100
Adamawa	94	100
Akwa Ibom	100	100
Anambra	100	100
Bauchi	91	100
Bayelsa	100	100
Benue	19	100
Borno	81	100
Cross River	97	100
Delta	97	100
Ebonyi	100	100
Edo	97	100
Ekiti	100	100
Enugu	81	100
FCT	100	100
Gombe	94	100
Imo	97	100
Jigawa	97	100
Kaduna	97	100
Kano	100	100
Katsina	91	100
Kebbi	97	100
Kogi	97	100
Kwara	100	100
Lagos	100	100
Nasarawa	100	100
Niger	100	100
Ogun	100	100
Ondo	97	100
Osun	97	100
Oyo	97	100
Plateau	91	100
Rivers	97	100
Sokoto	100	100
Taraba	100	100
Yobe	97	100
Zamfara	100	100