



**Nigeria Centre for Disease Control**  
*Protecting the health of Nigerians*

## Weekly Epidemiological Report

### Week 14: 5<sup>th</sup> March – 11<sup>th</sup> April 2021

#### Highlight of the Week

#### **Strengthening Public Health Workforce in Nigeria: NCDC Roll-Out First I-FETP**



In 2008, the Nigeria Centre for Disease Control (NCDC) with the support of the US-Centers for Disease Control and Prevention (US-CDC) and African Field Epidemiology Network (AFENET) established the Nigeria Field Epidemiology and Laboratory Training Programme (NFELTP). Since then, the NCDC, Federal Ministry of Health, Federal Ministry of Agriculture and the African Field Epidemiology Network have worked closely to strengthen it. This has now transitioned to Nigeria Field Epidemiology Training Programme (NFETP). The NFETP has three arms- advanced, frontline and intermediate programmes. The lower and higher levels public health workforce are usually admitted into the frontline and advanced levels.

Till date, the NCDC has supported deployment of different FETP cohorts of residents and graduates to support states to respond to various disease outbreaks and other public health emergencies. The swift country-wide deployment by the NCDC of this multi-disciplinary workforce at the peak of COVID-19 outbreak was indeed a success story as this was one of the strategies that contributed to the current level of outbreak control in Nigeria. This was indeed the longest and largest deployment in history. We remain grateful to the Federal Republic of Nigeria for providing the needed resources to carry out our mandate of protecting Nigerians against the deadly virus.

Given the above, the NCDC has continued to prioritise public health workforce development through diverse strategies. We are working towards achieving the global goal of one trained field epidemiologist (or its equivalent) to 200,000 population. In line with this, the NCDC in collaboration with AFENET and US CDC on the 19<sup>th</sup> of April 2021 rolled out the Intermediate Nigeria Field Epidemiology Training Programme (I-NFETP).

This is the first time Nigeria is implementing I-NFETP and the purpose is to build a strong cohort of epidemiologists at both national and state level. It is a competency-based field epidemiology training to improve surveillance and response to priority diseases and other public health threats. The first cohort of 15 residents were recruited from the NCDC, Federal Ministry of Health, Federal Ministry of Agriculture and Rural Development, and Federal Ministry of Environment. The training will be implemented over a nine-month period.

Given the success of the previous advanced and frontline programmes, we strongly believe the roll-out of this I-NFETP will continue to contribute to increased number of field epidemiologists for better epidemic intelligence and outbreak control in Nigeria.

The NCDC is committed to working with relevant tertiary institutions in Nigeria, to raise a strong workforce for our health security. More information on the I-NFETP can be found on the NCDC website [here](#).

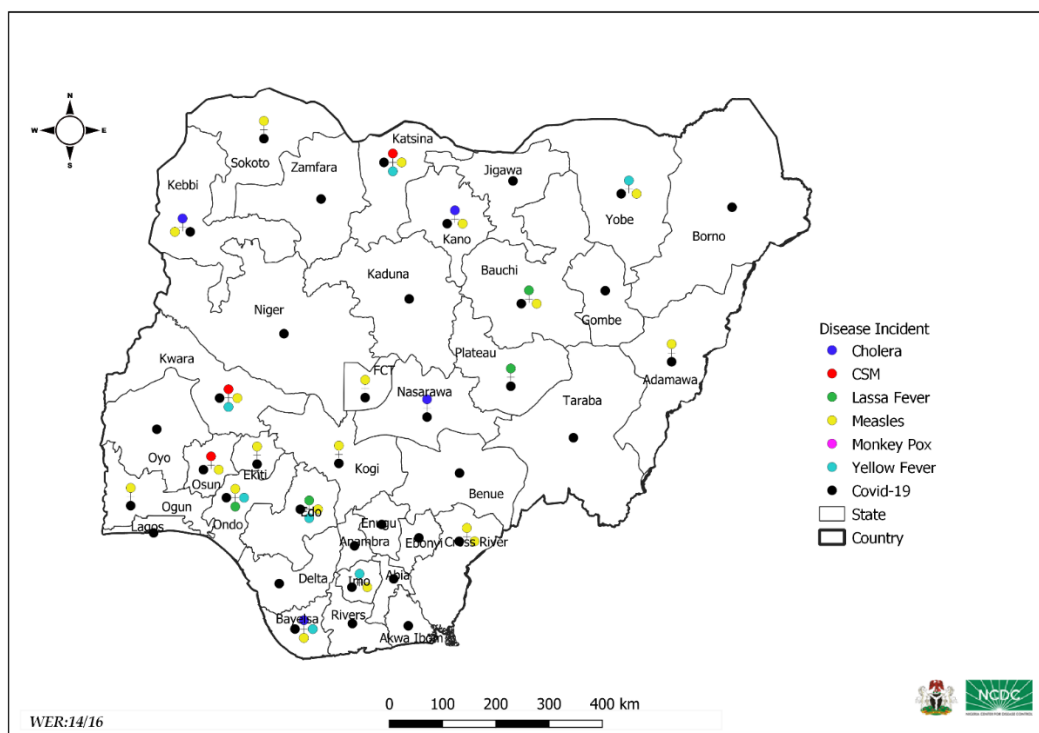
## Summary of Incidents

## 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 Avian influenza (H5 series))

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



Data Source: SITAware

## Summary

**Week 14: 5<sup>th</sup> – 11<sup>th</sup> April 2021**

**(Note: Coronavirus Disease is from outbreak onset till week 16 2021: 25<sup>th</sup> April 2021)**

Lassa Fever <sub>1,2</sub>	Cerebrospinal Meningitis (CSM) <sub>3,4</sub>	Yellow Fever <sub>3,4</sub>
43 Suspected case(s)	11 Suspected case(s)	19 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 <sub>3,4</sub>	Measles <sub>3,4</sub>	Monkeypox <sub>1,4</sub>
431 Suspected case(s)	367 Suspected case(s)	0 Suspected case(s)
4 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
13 Death(s)	1 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) <sub>3,4</sub>	National Sentinel influenza surveillance <sub>5</sub>	Coronavirus Disease
37 Suspected case(s)	392 Suspected case(s)	1,912,628 Suspected case(s)
0 Confirmed case(s)	10 Confirmed case(s)	164,719 Confirmed case(s)
		2,061 Death(s)

Timeliness of reports <sub>3</sub>	Completeness of reports <sub>3</sub>
95.3% Last 4 weeks	97.3% Last 4 weeks
97.1% Year to date	98.8% Year to date

## Notes

- 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
- Information for this disease was retrieved from IDSR 002 data
- 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 14

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
43	8	1	State: 4 LGA: 5

### Year to date (week 1 – 52)

Suspected cases	Confirmed cases	Deaths	CFR
2020 2021	2020 2021	2020 2021	2020 2021
4287 1552	963 241	188 50	19.5% 20.7%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Weeks 1 – 52, 2021

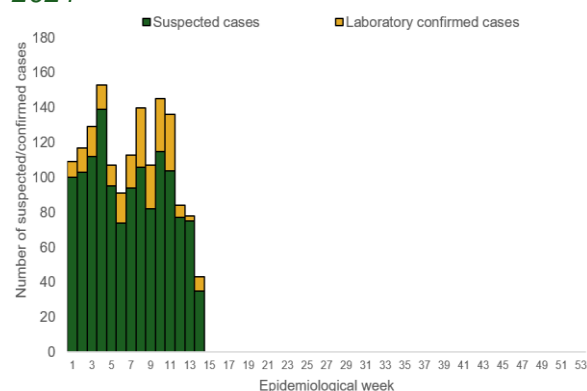
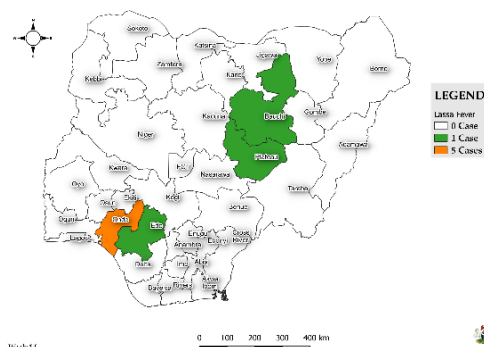


Figure 2: Location of **confirmed** cases of Lassa Fever by State, Nigeria, week 14, 2021



## Key points

- There were 43 suspected cases, eight were laboratory confirmed and one death was recorded from five LGAs in four states

## Actions

### To date:

- Conducted 2021 Lassa fever(LF) high burden states preparedness/response engagement meeting
- Disseminated 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 Lassa fever five-year strategic plan

## Cerebrospinal Meningitis (CSM)

### Week 14

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
11	0	0	State: 3 LGA: 4

### Year to date (week 1 – 52)

Suspected cases	Confirmed cases	Deaths	CFR
2020 2021	2020 2021	2020 2021	2020 2021
211 87	0 5	3 0	1.4% 0%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, weeks 1 – 52, 2021

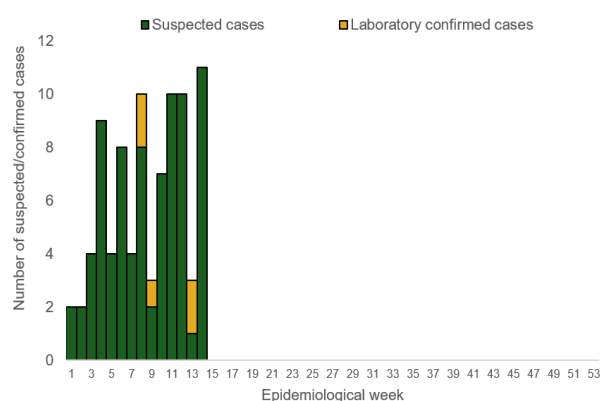
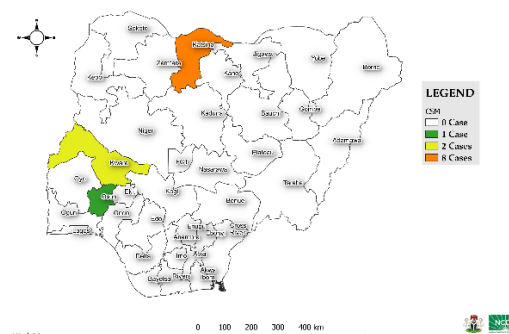


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 14, 2021



## Key points

- There were 11 suspected cases of Cerebrospinal Meningitis (CSM) reported from four LGAs in three states (Katsina – 8, Kwara – 2 & Osun – 1). None were 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 14

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
19	0	0	State: 7 LGA: 15

### Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
671	359	6	0	0	0	0%	0%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, weeks 1 – 52, 2021

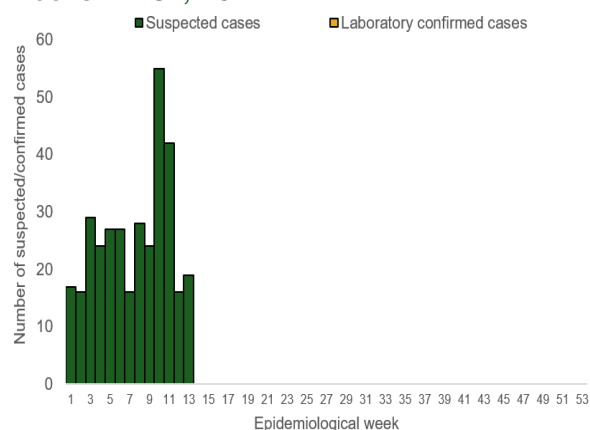
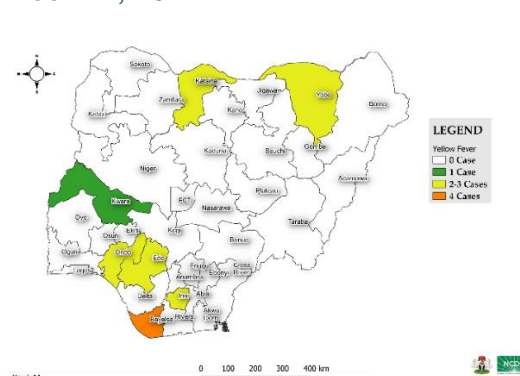


Figure 6: Location of suspected cases of Yellow Fever by States, Nigeria, week 14, 2021



### Key points

- There were 19 suspected cases of Yellow Fever (YF) reported from 15 LGAs in seven states. 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

#### Planned:

- Continue supporting affected states across all pillars of response
- Continue harmonisation of surveillance and laboratory data ongoing

## Cholera

### Week 14

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
431	4	13	State: 4 LGA: 11

### Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
749	1065	0	5	31	34	4.7%	3.2%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, weeks 1 – 52, 2021

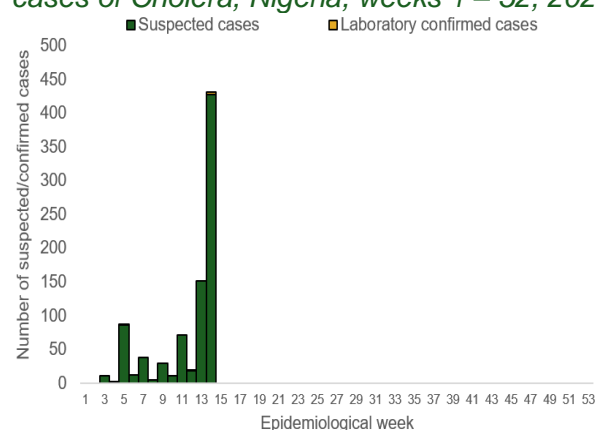
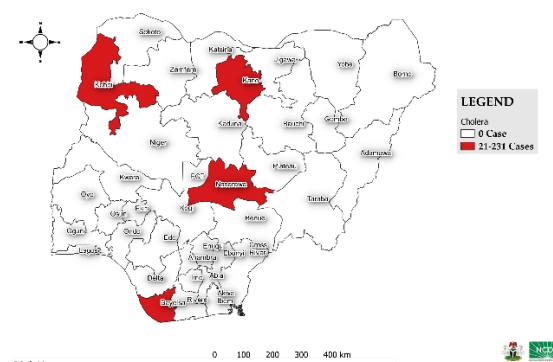


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 14, 2021



## Key points

- There were 431 suspected cases of cholera reported from 11 LGAs in four states (Bayelsa – 151, Kano – 231, Kebbi – 28 & Nasarawa – 21). Four were laboratory confirmed and thirteen deaths were recorded

## Actions

### To date

- National Cholera Multi-Sectoral Technical Working Group (TWG) is monitoring all states and supporting affected states
- Developed the 2021 Annual Cholera Preparedness and Response Work plan
- 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 14

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
367	0	1	State: 18 + FCT LGA: 68

### Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
10942	4050	636	62	44	9	0.4%	0.2%

Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, weeks 1 – 52, 2021

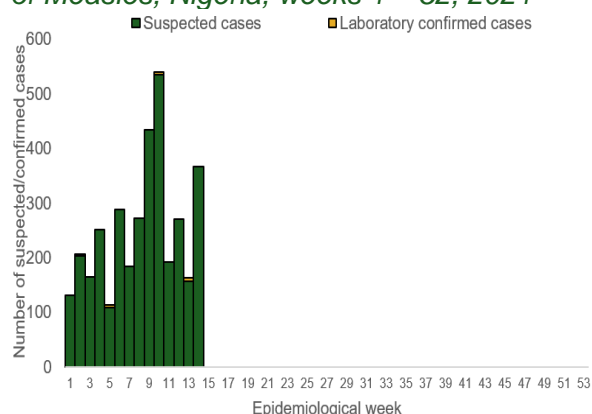
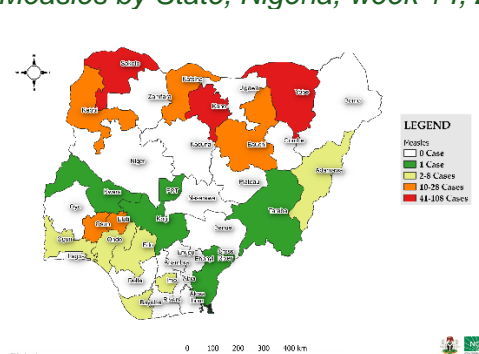


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 14, 2021



### Key points

- There were 367 suspected cases of measles reported from 68 LGAs in 18 states and FCT. None were 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 14

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	
2020	2021	2020	2021	2020	2021	2020	2021
14	25	2	4	0	0	0%	0%

Figure 11: Number of suspected and confirmed cases of Monkeypox, Nigeria, weeks 1 – 52, 2021

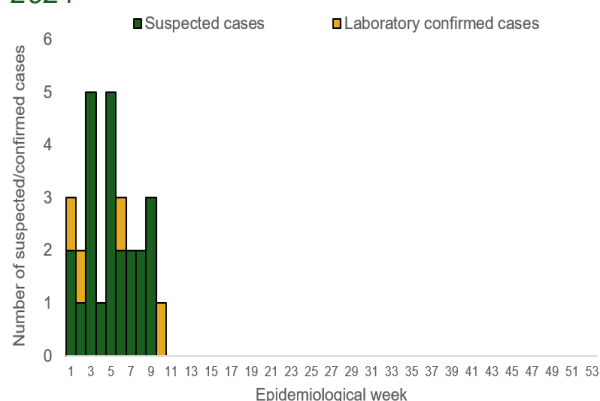
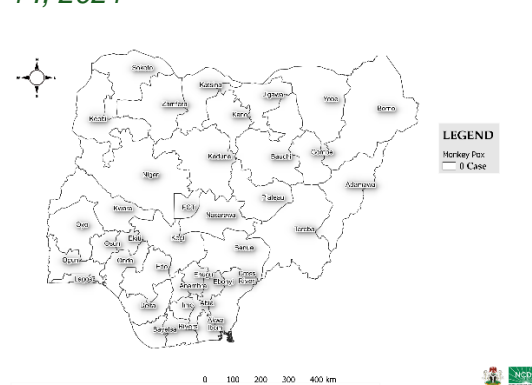


Figure 12: Location of suspected cases of Monkeypox by State, Nigeria, week 14, 2021



### Key points

- There was no suspected case of monkeypox in the reporting week

### Actions

#### To date

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

#### Planned:

- Enhance surveillance for monkeypox in high burden states
- Continue harmonisation of the national line list and SORMAS data

## Acute Flaccid Paralysis (AFP)

### Week 14

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
37	0	0	State: 16 + FCT LGA: 32

### Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
1134	658	0	0	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, weeks 1 – 52, 2021

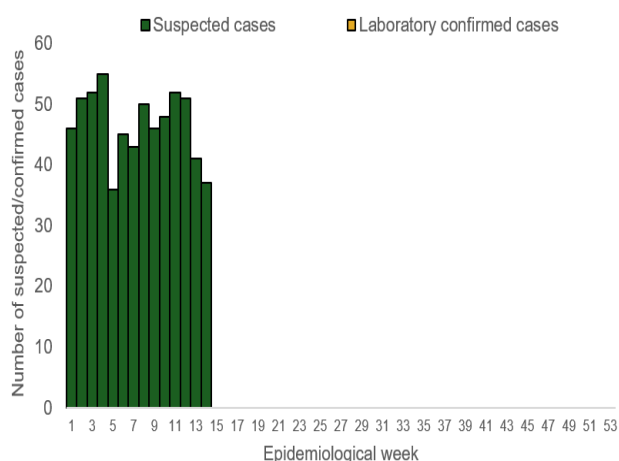
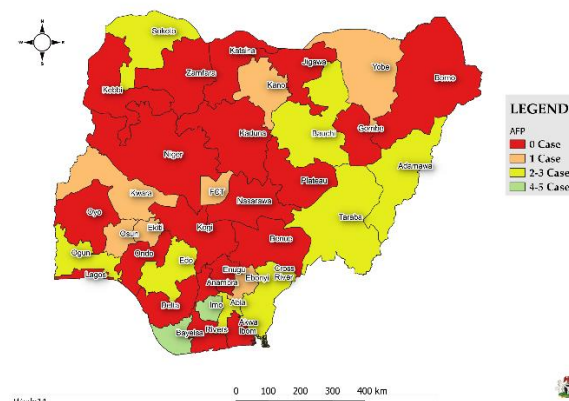


Figure 14: Location of suspected cases of AFP by State, Nigeria, week 14, 2021



### Key points

- There were 37 suspected cases of AFP reported from 32 LGAs in 17 states and FCT. None were laboratory confirmed and no death was recorded

## National Influenza Sentinel Surveillance

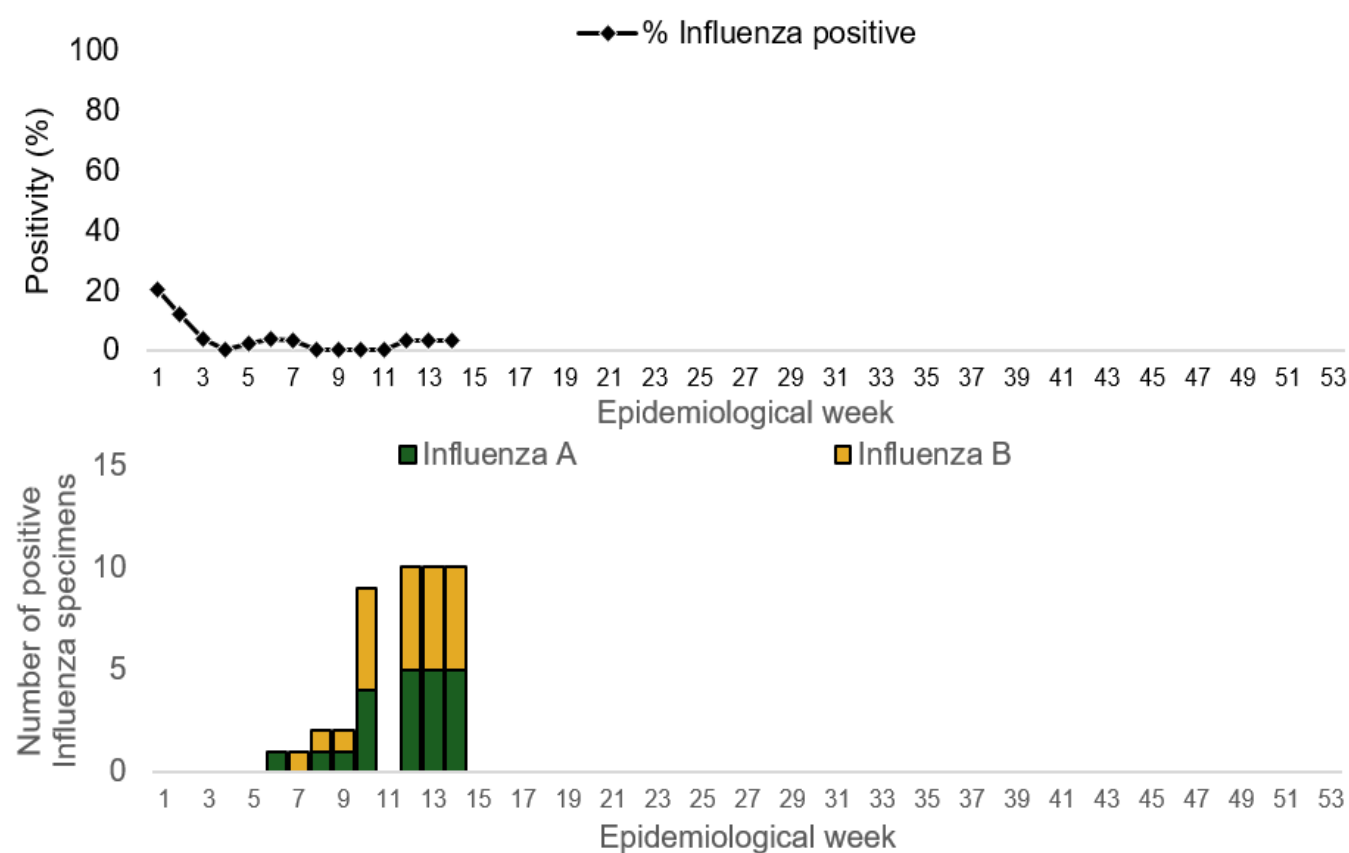
### Year to date (week 1 – 13)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	491	424 (86%)	67 (14%)

### Week 13

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	5	5	0	0	0	0
Positivity (%)	1.4%	1.4%	0%	0%	0%	0%

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

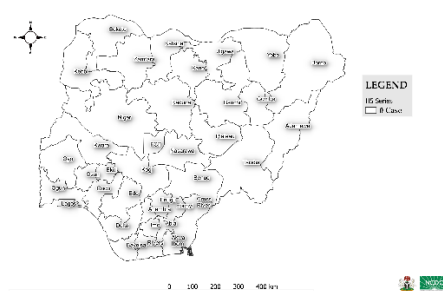


## Avian influenza (H5 series)

### Week 14

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

*Figure 16: Location of confirmed human cases of Avian influenza (H5 series) by State, Nigeria, week 14, 2021*



### Key points

- There were seven confirmed cases so far. However, there was no reported case in week 14

### Actions

#### To date:

- A multi-sectoral Emergency Operations Centre (EOC) continues to coordinate the response
- All confirmed seven human positive samples have been shipped to WHO coordinating centre for further lab analysis

#### Planned:

- Continue to intensify surveillance activities and monitor contacts across the country
- Conduct risk assessment at the national level

## Coronavirus Disease (COVID-19)

From outbreak onset (Feb 27 2020) to epi-week 16 2021

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
1,912,628	164,719	2,061	State: LGA:

Figure 17: Epidemic curve of confirmed cases of COVID-19, Nigeria, week 1, 2020 – 16, 2021

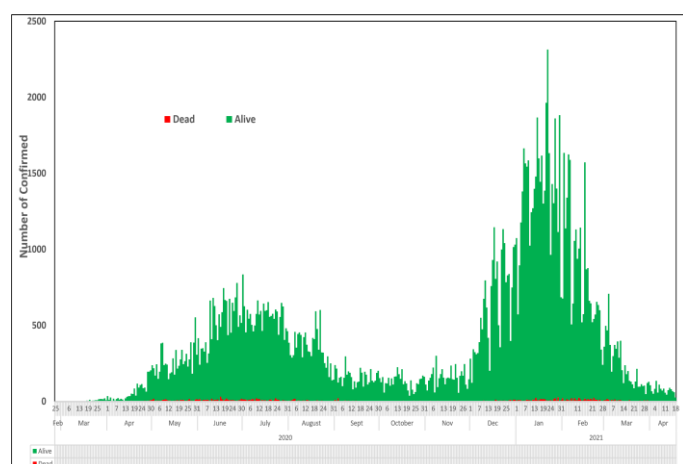
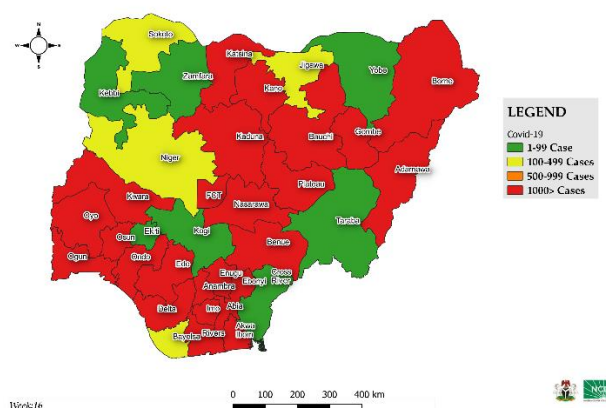


Figure 18: Location of **confirmed** cases of COVID-19 by State, Nigeria, as at week 16, 2021



## Actions

### To date:

- National COVID-19 multi-partner Emergency Operations Centre (EOC) continues to coordinate response activities across states
- Finalised the reviewed the National Incident Action Plan
- Continued follow up with states for daily reporting, contact tracing and resolution of key challenges
- Disseminated the WHO Global Webinar series for IPC across states

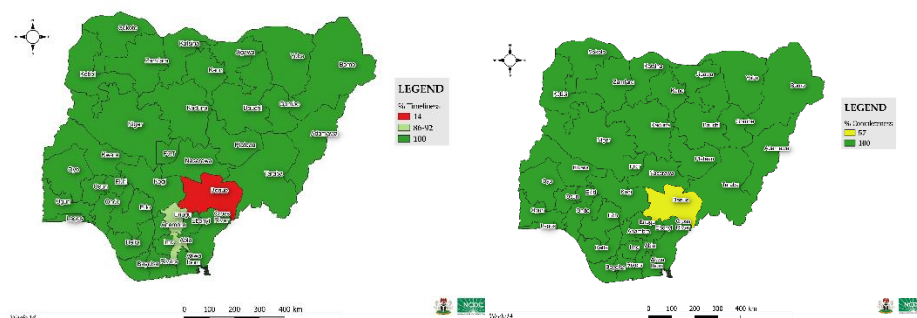
### Planned:

- Deploy antigen-based rapid diagnostic test (Ag-RDT) kits and sample collection materials to the selected states
- Intensify genomic surveillance activities
- Conduct WASH (Water, Sanitation and Hygiene) assessment across all health facilities
- Finalise Local Government Area (LGA) / State transmission categorisation

## Timeliness and Completeness of Reports

### Week 14

Figure 19: A – Timeliness by State (%); B – Completeness by State (%), week 14, 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	Year to date
	Week 11 – 14	Week 1 – 52
Reports sent on time	141	503
Reports sent late	3	9
Reports not received	4	6
Timeliness	95.3%	97.1%
Completeness	97.3%	98.8%

### States with reports not received in 2021 (week 1 – 52)

State	Week(s) report not received
Benue	7, 10, 11, 12, 13 & 14

## Timeliness and Completeness of Reports by State

Year to date (week 1 – 52)

State	Timeliness (%)	Completeness (%)
Abia	92	100
Adamawa	100	100
Akwa Ibom	100	100
Anambra	100	100
Bauchi	100	100
Bayelsa	100	100
Benue	14	57
Borno	100	100
Cross River	100	100
Delta	100	100
Ebonyi	100	100
Edo	100	100
Ekiti	100	100
Enugu	86	100
FCT	100	100
Gombe	100	100
Imo	100	100
Jigawa	100	100
Kaduna	100	100
Kano	100	100
Katsina	100	100
Kebbi	100	100
Kogi	100	100
Kwara	100	100
Lagos	100	100
Nasarawa	100	100
Niger	100	100
Ogun	100	100
Ondo	100	100
Osun	100	100
Oyo	100	100
Plateau	100	100
Rivers	100	100
Sokoto	100	100
Taraba	100	100
Yobe	100	100
Zamfara	100	100