



Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 8: 22nd – 28th February 2021

Highlight of the Week

Simulation Exercise on Infectious Disease Outbreaks: Exercise “Keep Pushing 3”



In line with the International Health Regulations (IHR) Monitoring and Evaluation Framework and our organisational strategy plan, the Nigeria Centre for Disease Control (NCDC) has continued to play a critical role as the National Focal Point for the implementation of IHR in Nigeria. Since 2017, NCDC has also worked closely with the World Health Organization (WHO) and Public Health England (PHE) to strengthen Nigeria's emergency preparedness, resilience and response (EPRR) through regular simulation exercises (SimeX). With this, we are gradually filling the gaps identified following the Joint External Evaluation (JEE) of IHR capacities conducted in 2017 and 2019 respectively.

The NCDC/PHE joint IHR strengthening programme provides a structured approach to strengthening NCDC's EPRR capability at national level. In order to improve EPRR capacity, capabilities developed at national level are continuously being developed at sub-national level. With more involvement and active participation of the states in SimEX, we now have a more resilient sub-national public health structure as evident by improved epidemic intelligence and coordination of emergency responses at this level.

On March 9th, 2021, NCDC and PHE held the 3rd SimeX called Exercise “Keep Pushing 3”. This reflects the vision of agency in ensuring national health security through persistent, proactive and evidence-based implementation of public health EPRR measures at national and sub-national levels. The exercise was coordinated from NCDC's National Incident Coordination Centre (ICC), Abuja. Given the ongoing COVID-19 pandemic, a hybrid model was adopted, combining both a workshop and a functional exercise. Using a ‘One Health’ approach and strategy, the objectives of the exercise were to:

1. Assess key stakeholders' understanding of their national and state-level ‘One Health’ role and responsibilities in the coordination of an outbreak of rabies
2. Evaluate the coordination and interoperability between national and state-level plans. Specifically, the Infectious Disease Outbreak Response Plan, Incident Action Plan, Nigeria One Health Strategic Plan and state-level Public Health Emergency Operations Centre (PHEOC) Handbook
3. Assess the support and coordination for risk communications processes and arrangements to warn and inform the public during a public health incident
4. Evaluate the effectiveness of the SITAware event management system at a national level to enable NCDC to support coordination at state-level
5. Apply the feedback from the exercise to inform and support the operationalisation of ‘One Health’ in Nigeria.

Asides the facilitators from NCDC ICC, participants were selected from Public Health Emergency Operation Centres of five selected states - Niger, Imo, Oyo, Rivers and Gombe) and our One Health partners in the Animal Health and Environmental Health sector.

Following the exercise, the participants provided feedback which revealed strengths in the areas of coordination and efficient use of Emergency Operations Centres (EOCs). Some limitations were also identified, including incident management activation such as rapid communication. Importantly, the lessons learned are being reviewed to further inform capacity development processes particularly at the state-level.

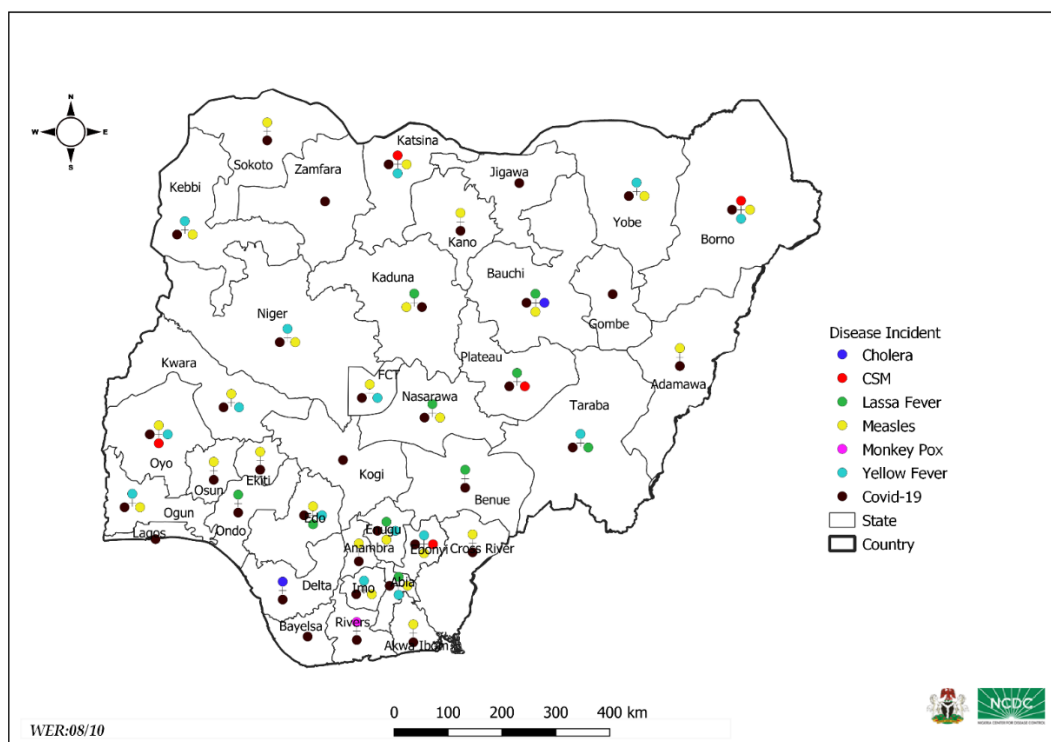
Summary of Incidents

Ongoing incidents

1

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

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



Data Source: SITAware

Summary

Week 8: 22nd – 28th February 2021

(Coronavirus Disease as at 14th March 2021)

Lassa Fever _{1,2}	Cerebrospinal Meningitis (CSM) _{3,4}	Yellow Fever _{3,4}
140 Suspected case(s)	10 Suspected case(s)	28 Suspected case(s)
34 Confirmed case(s)	2 Confirmed case(s)	0 Confirmed case(s)
6 Death(s)	0 Death(s)	0 Death(s)
Cholera _{3,4}	Measles _{3,4}	Monkeypox _{1,4}
4 Suspected case(s)	272 Suspected case(s)	2 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
0 Death(s)	1 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) _{3,4}	National Sentinel influenza surveillance ₅	Coronavirus Disease as at week 10 ₂
50 Suspected case(s)	159 Suspected case(s)	1,684,305 Suspected case(s)
0 Confirmed case(s)	2 Confirmed case(s)	160,657 Confirmed case(s)
		2,013 Death(s)

Timeliness of reports ₃	Completeness of reports ₃
97.3% Last 4 weeks	97.3% Last 4 weeks
98% Year to date	98% 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 8

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
140	34	6	State: 10 LGA: 23

Year to date (week 1 – 52)

Suspected cases	Confirmed cases	Deaths	CFR
2020 2021	2020 2021	2020 2021	2020 2021
2633 959	689 136	118 *31	17.1% 22.8%

* Outbreak data added to routine data

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

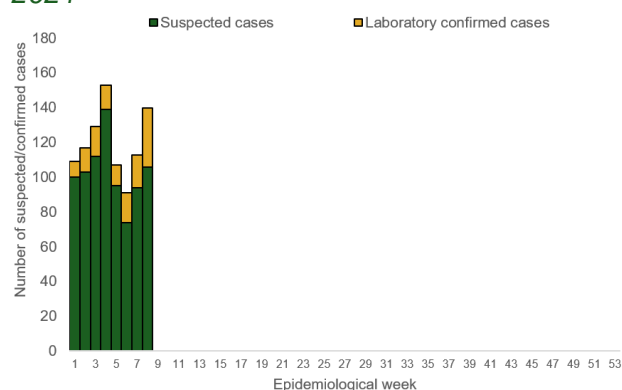
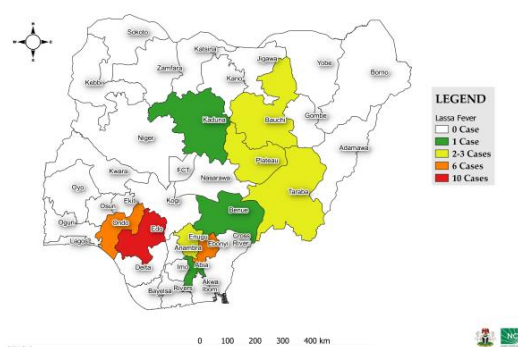


Figure 2: Location of **confirmed** cases of Lassa Fever by State, Nigeria, week 8, 2021



Key points

- There were 140 suspected cases, 34 were laboratory confirmed and six deaths recorded from twenty-three LGAs in ten States

Actions

To date:

- Conducted 2021 Lassa fever high burden states preparedness/response engagement meeting
- Dissemination of reviewed case management and safe burial practices guidelines
- Risk communication and community engagement activities have been scaled up across states using television, radio, print, social media and other strategies

Planned:

- Finalise Lassa fever five-year strategic plan

Cerebrospinal Meningitis (CSM)

Week 8

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
10	2	0	State: 5 LGA: 8

Year to date (week 1 – 52)

Suspected cases	Confirmed cases	Deaths	CFR
2020 2021	2020 2021	2020 2021	2020 2021
98 43	0 2	1 0	1% 0%

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

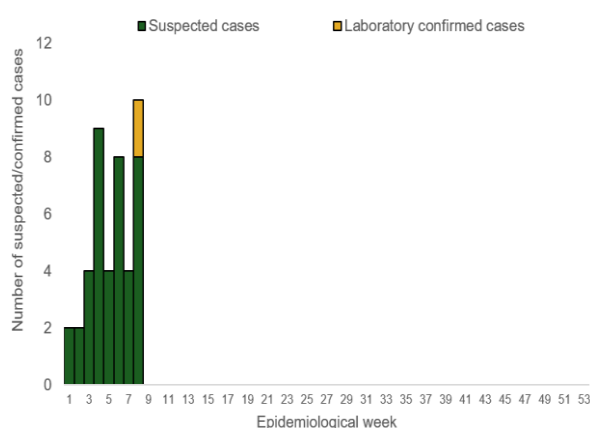
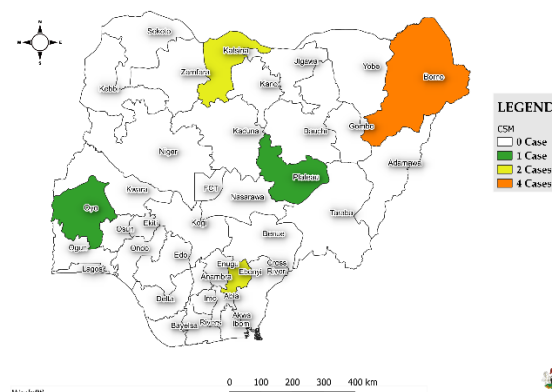


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 8, 2021



Key points

- There were ten suspected cases of Cerebrospinal Meningitis (CSM) reported from eight LGAs in five states (Borno – 4, Ebonyi – 2, Katsina – 2, Oyo – 1 & Plateau – 1). Two cases 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 8

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
28	0	0	State: 15 + FCT LGA: 22

Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
482	184	6	0	0	0	0%	0%

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

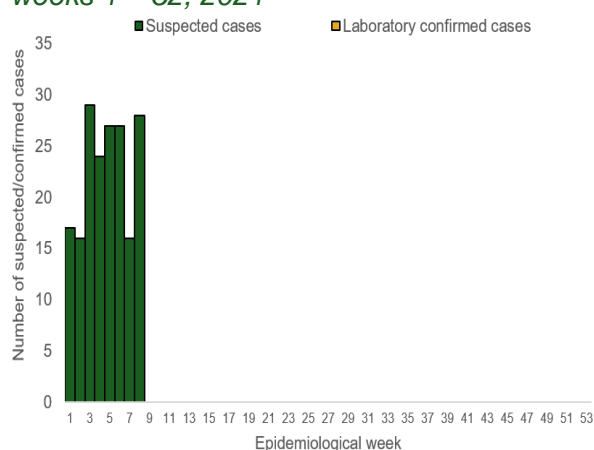
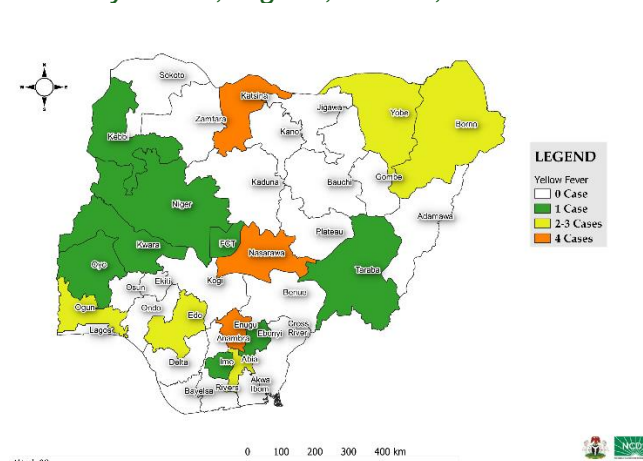


Figure 6: Location of suspected cases of Yellow Fever by States, Nigeria, week 8, 2021



Key points

- There were 28 suspected cases of Yellow Fever (YF) reported from 22 LGAs in 15 States and FCT. None was 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 to support affected states across all pillars of response
- Continue harmonisation of surveillance and laboratory data ongoing

Cholera

Week 8

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
4	0	0	State: 2 LGA: 2

Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
729	154	0	0	31	5	4.3%	3.2%

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

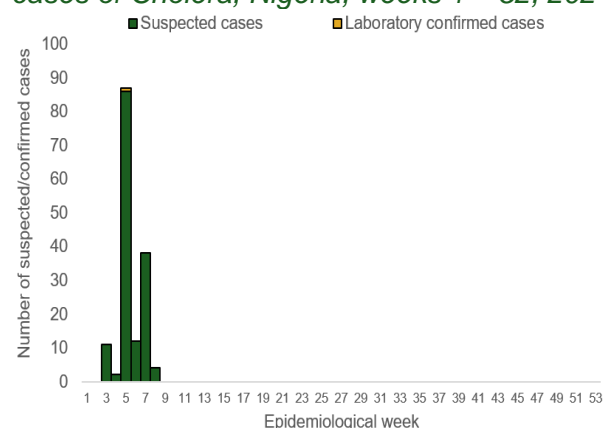
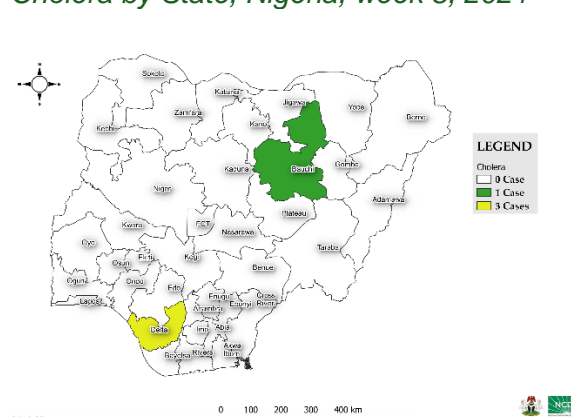


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 8, 2021



Key points

- There were four suspected cases of cholera reported from two LGAs in two states (Bauchi – 1 & Delta – 3). None was laboratory confirmed and no death was recorded

Actions

To date

- National Cholera Multi-Sectoral Technical Working Group (TWG) is monitoring all states and supporting affected states

Planned:

- Continue follow up and monitoring of non-reporting states
- Continue harmonisation of the national line list and SORMAS data

Measles

Week 8

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
272	0	1	State: 24 + FCT LGA: 100

Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
5365	1704	636	36	18	4	0.3%	0.2%

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

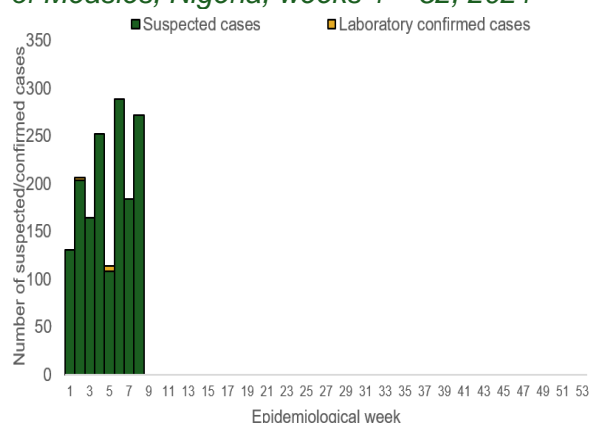
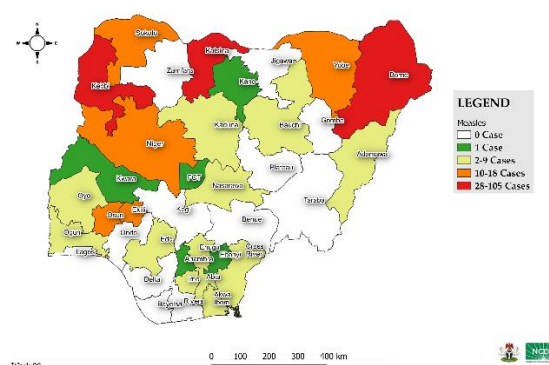


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 8, 2021



Key points

- There were 272 suspected cases of Measles reported from 100 LGAs in 24 States and FCT. None 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
- Weekly surveillance and laboratory data harmonisation ongoing

Planned:

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

Monkeypox

Week 8

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
2	0	0	State: 1 LGA: 1

Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
10	21	1	3	0	0	0%	0%

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

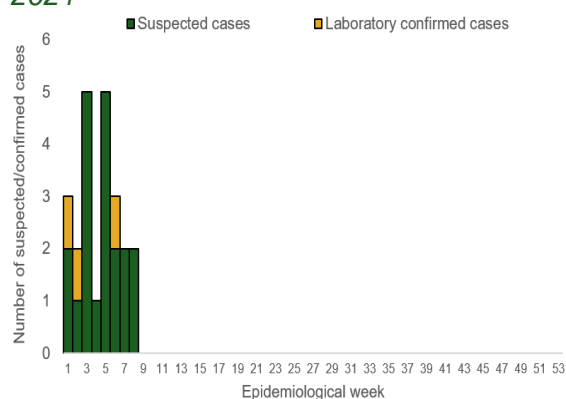
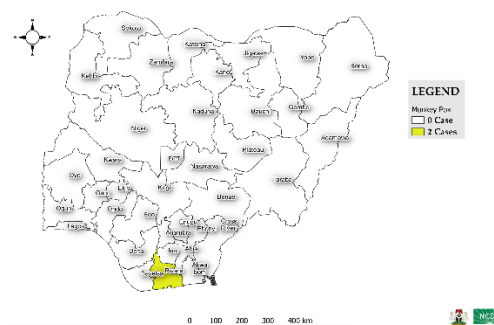


Figure 12: Location of suspected cases of Monkeypox by State, Nigeria, week 8, 2021



Key points

- There were two suspected case of monkeypox reported from Bonny LGA in Rivers State. None was laboratory confirmed and no death was recorded

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 8

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
50	0	0	State: 20 LGA: 45

Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
671	378	0	0	0	0	0%	0%

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

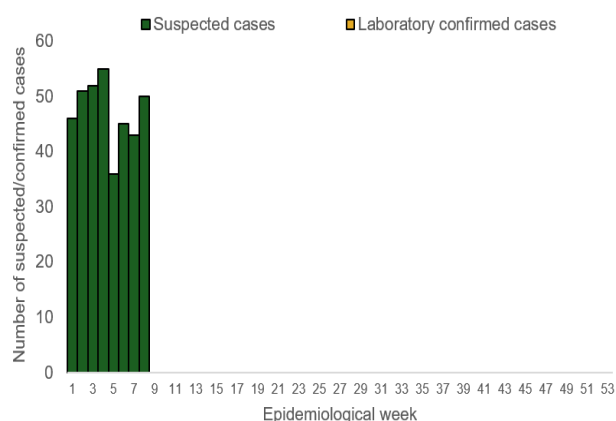
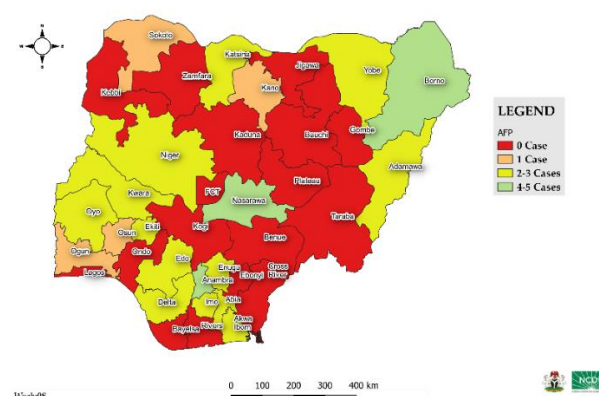


Figure 14: Location of suspected cases of AFP by State, Nigeria, week 8, 2021



Key points

- There were 50 suspected cases of AFP reported from 45 LGAs in 20 states. None was laboratory confirmed and no death was recorded

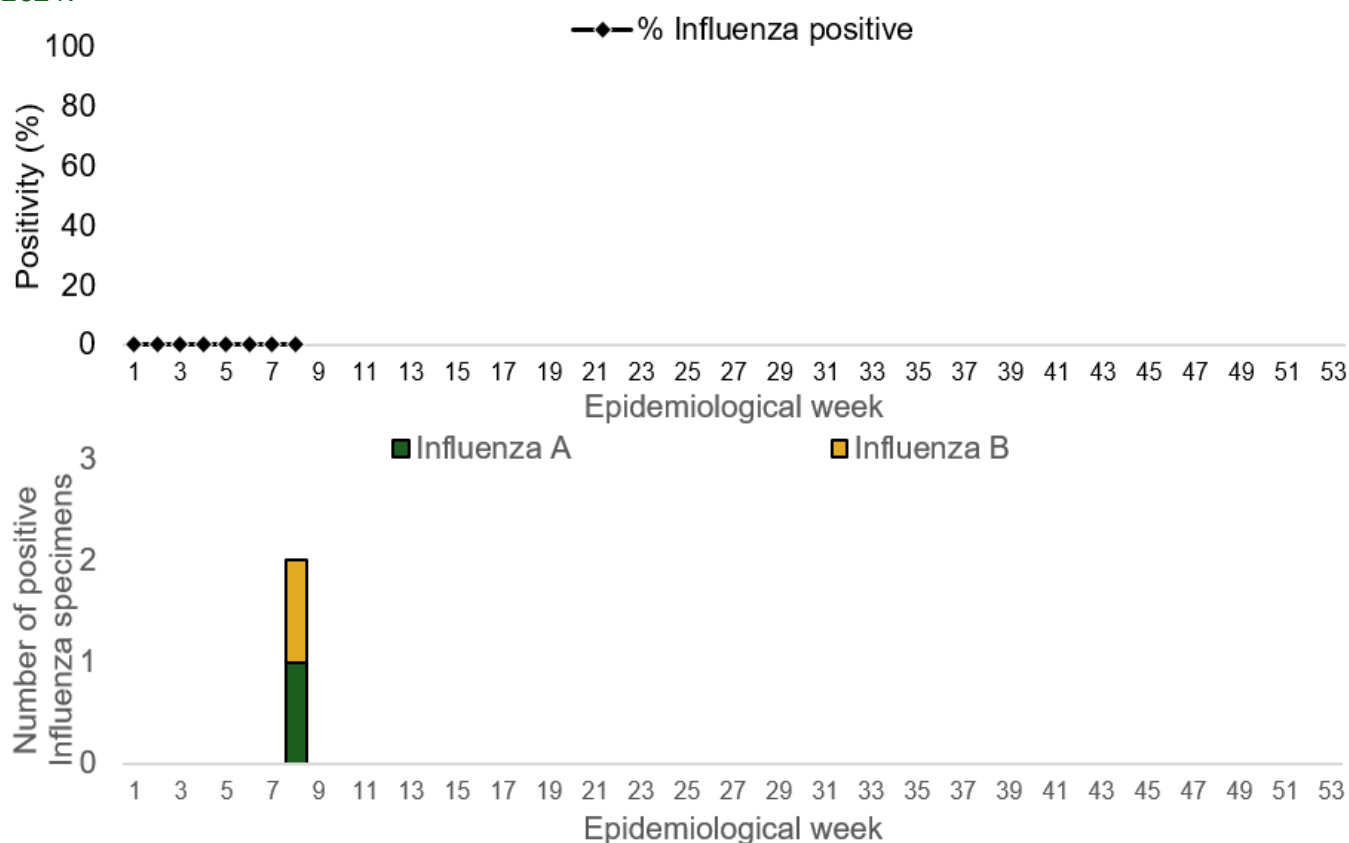
National Influenza Sentinel Surveillance

Year to date (week 1 – 52)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	216	191 (88%)	25 (12%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	1	1	0	0	0	0
Positivity (%)	0%	0%	0%	0%	0%	0%

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



Coronavirus Disease (COVID-19)

As at week 10

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
1,684,305	160,657	2,013	State: LGA:

Figure 16: Epidemic curve of confirmed cases of COVID-19, Nigeria, week 1, 2020 – 10, 2021

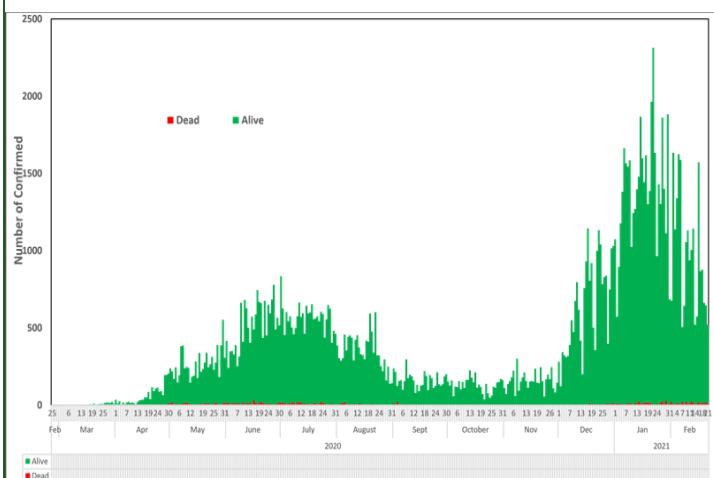
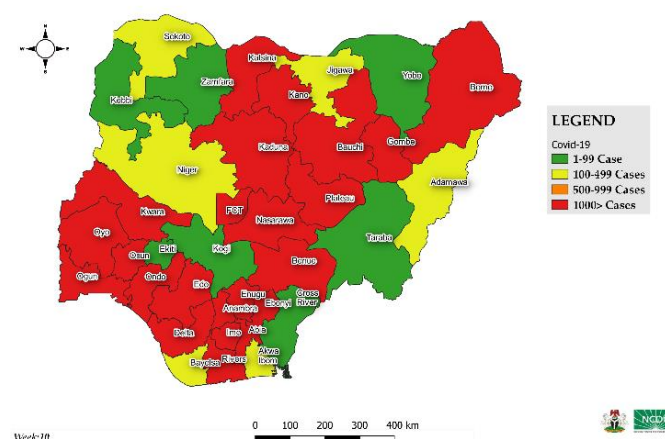


Figure 17: Location of **confirmed** cases of COVID-19 by State, Nigeria, as at week 10, 2021



Actions

To date:

- National COVID-19 multi-partner Emergency Operations Centre (EOC) continues to coordinate response activities across states
- Supported the National Healthcare Development Agency (NPHCDA) at the commencement of phase 2 COVID-19 vaccination campaign
- Organised meetings with stakeholders of higher institutions to ensure delivery of roles for synergy
- Provided technical support at the message adaptation workshop by religious leaders in collaboration with US-CDC

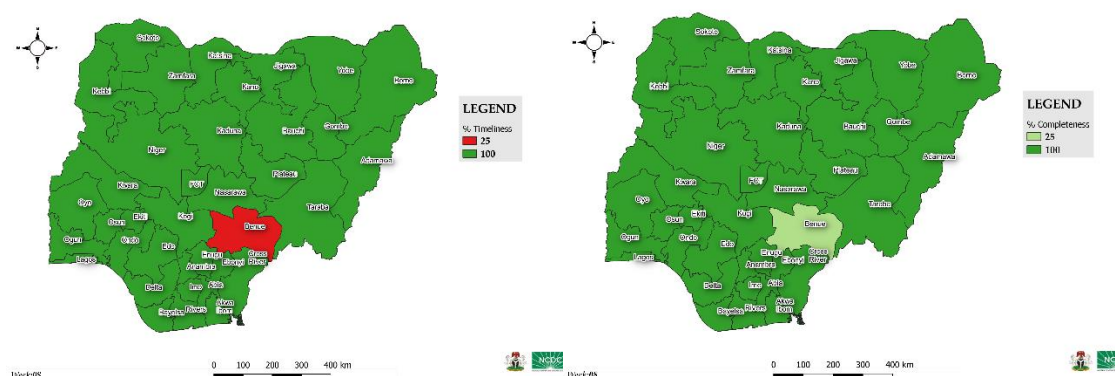
Planned:

- Deploy additional Rapid Response Teams to support states
- Finalise Local Government Area (LGA)/State transmission categorisation

Timeliness and Completeness of Reports

Week 8

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), week 8, 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 5 – 8	Year to date Week 1 – 52
Reports sent on time	144	290
Reports sent late	0	0
Reports not received	4	6
Timeliness	97.3%	98%
Completeness	97.3%	98%

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

State	Week(s) report not received
Benue	3, 4, 5, 6, 7 & 8

Timeliness and Completeness of Reports by State

Year to date (week 1 – 52)

State	Timeliness (%)	Completeness (%)
Abia	100	100
Adamawa	100	100
Akwa Ibom	100	100
Anambra	100	100
Bauchi	100	100
Bayelsa	100	100
Benue	25	25
Borno	100	100
Cross River	100	100
Delta	100	100
Ebonyi	100	100
Edo	100	100
Ekiti	100	100
Enugu	100	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