



Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 10: 2nd – 8th March 2020

Highlight of the Week

COVID-19 Pandemic Preparedness: NCDC Supports States to Develop Pre-Incident Action Plan



Since the first case of COVID-19 was confirmed in Nigeria on the 27th of February 2020, the Federal Ministry of Health through the Nigeria Centre for Disease Control (NCDC) has continued to employ diverse strategies to control the spread of the disease. As of the 23rd of March, 36 cases have been reported in the Federal Capital Territory (FCT), Lagos, Ogun, Edo, Oyo and Ekiti states. The gradual increase in the number of states affected by COVID-19 makes it more pertinent to strengthen state-level preparedness and response for the disease.

In addition to establishing treatment centres and molecular laboratories for testing, there is need to also build the capacity of states' public health workforce for COVID-19. In line with this, the NCDC in collaboration with the World Health Organization (WHO) is conducting a COVID-19 States Preparedness and Readiness Workshop in two phases.

The first workshop was conducted from 18th - 20th March 2020. This included participants (State Epidemiologists, DSNOs and WHO State Coordinators) from Akwa Ibom, Zamfara, Kaduna, Kebbi, Cross River, Borno, Edo, Jigawa, Sokoto, Katsina, Kano, Rivers, Yobe, Ogun and Lagos states. The next phase will accommodate participants from the remaining states.

The objectives of the workshop are to:

1. Ensure States use the Incident Management Systems (IMS) to respond to COVID-19 outbreak
2. Support states to develop their pre-Incident Action Plan (IAP) for COVID-19
3. Ensure states have effective risk communication mechanisms in place

An important outcome following the workshop was the development of the pre-IAP by all participants in attendance. The aim is to share this pre-IAP with their respective State Governments towards prompt establishment of structures and measures for enhanced state-level COVID-19 preparedness and response. We strongly urge all States Governments to expedite mobilisation of resources for the implementation of this pre-Incident Action Plan.

The NCDC will continue to support States to put in place measures to strengthen them for their health security.

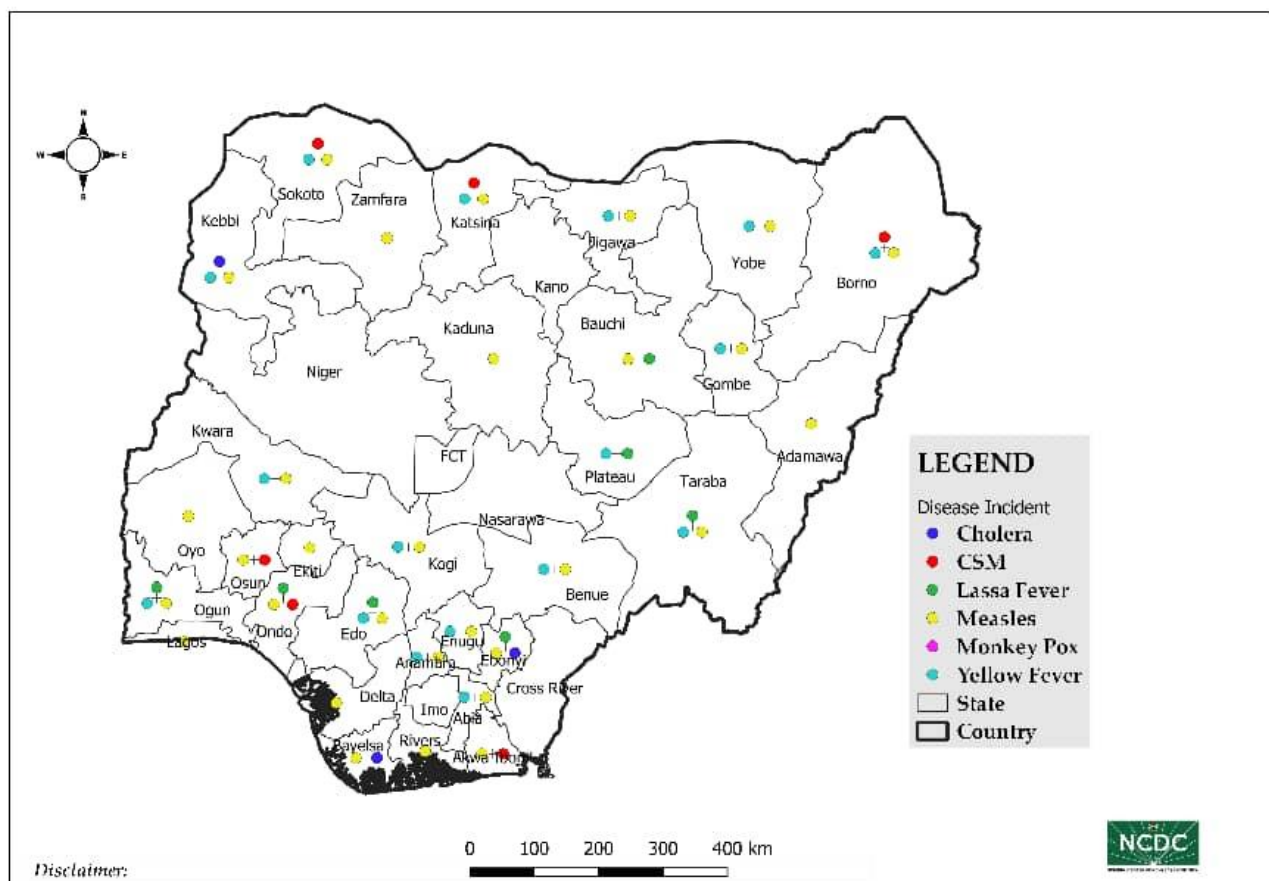
Summary of Incidents

Ongoing incidents

2

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

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



Summary

Week 9: 2nd – 8th March 2020

Lassa Fever_{1,2}	Cerebrospinal Meningitis (CSM)_{3,4}	Yellow Fever_{3,4}
378 Suspected cases	13 Suspected cases	27 Suspected cases
81 Confirmed case(s)	0 Confirmed cases	0 Confirmed cases
10 Death(s)	0 Death(s)	0 Death(s)
Cholera_{3,4}	Measles_{3,4}	Monkeypox_{1,4}
0 Suspected cases	921 Suspected cases	0 Suspected case(s)
0 Confirmed cases	0 Confirmed cases	0 Confirmed cases
0 Death(s)	5 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP)_{3,4}	National Sentinel influenza surveillance₅	
85 Suspected cases	14 Suspected cases	
0 Confirmed Polio	3 Confirmed cases	

Timeliness of reports₃	Completeness of reports₃
84.5% Last 4 weeks	91.9% Last 4 weeks
89.2% Year to date	95.7% 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 10

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
378	81	10	State: 28 + FCT LGA:34

Year to date (week 1 – 10)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1752	3663	472	856	110	65	23.3%	7.6%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 10, 2020

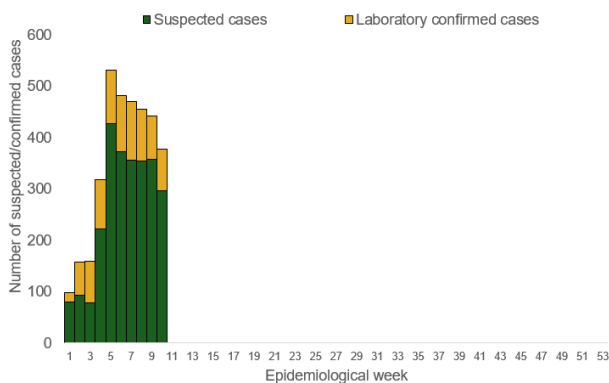
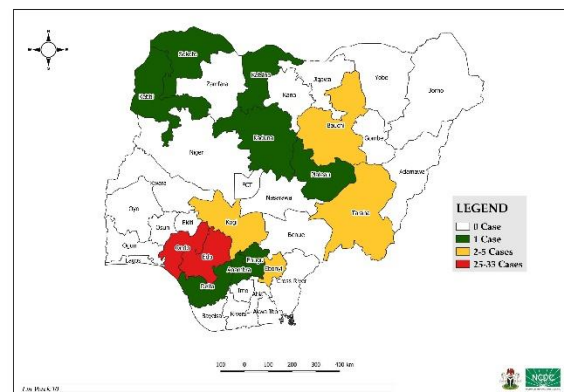


Figure 2: Location of confirmed cases of Lassa Fever by state, Nigeria, week 10, 2020



Key points

- There were 387 suspected cases, 81 confirmed cases and 10 deaths recorded from 34 LGAs in 28 states and FCT
- Two new healthcare workers were infected in Edo and Bauchi states

Actions

To date:

- National Lassa fever (LF) multi-partner, multi-sectoral Emergency Operations Centre (EOC) continues to coordinate the response activities at all levels
- Multi-sectoral Public Health Emergency Operation Centres (PHEOC) activated in affected states
- Enhanced surveillance (contact tracing and active case finding) in affected states
- Cross border collaboration with Benin Republic on newly reported Lassa fever cases

Planned:

- Continue mobilisation of resources
- Finalise the LF five-year *Strategic plan*
- In-depth investigation of healthcare worker infections
- Operationalise *LGA sanitation desks* by Environmental Health Officers in all states

Cerebrospinal Meningitis (CSM)

Week 10

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
13	0	0	State: 5 LGA: 8

Year to date (week 1 – 10)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
435	119	27	0	38	1	8.7%	0.8%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 10, 2020

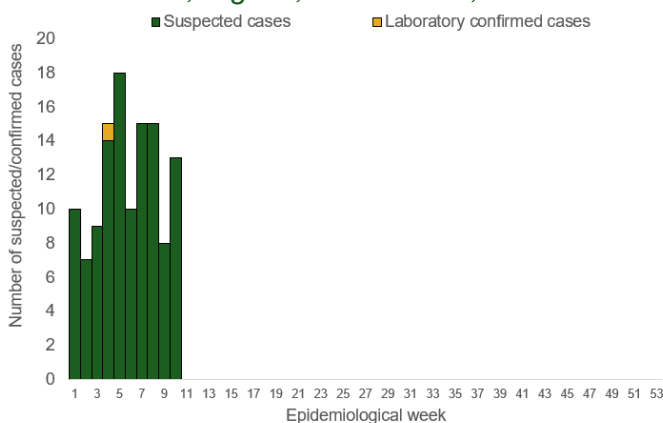
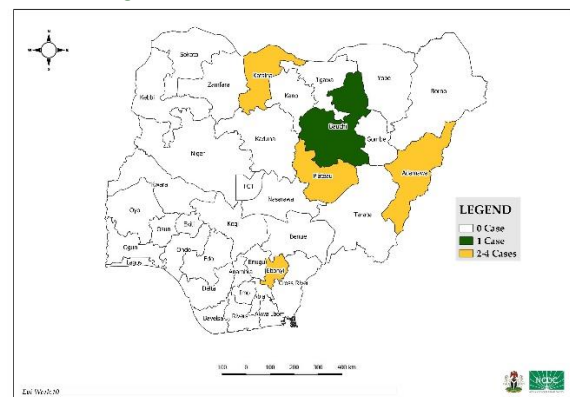


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 10, 2020



Key points

There were 13 suspected cases of Cerebrospinal Meningitis (CSM) reported from eight LGAs in five states (Adamawa – 2, Bauchi – 1, Ebonyi – 3, Katsina – 3 & Plateau – 4). None was laboratory confirmed and no death was recorded

Actions

To date:

- The 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 10

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
27	0	0	State: 10 LGA: 22

Year to date (week 1 – 10)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
364	557	5	6	0	0	0%	0%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 10, 2020

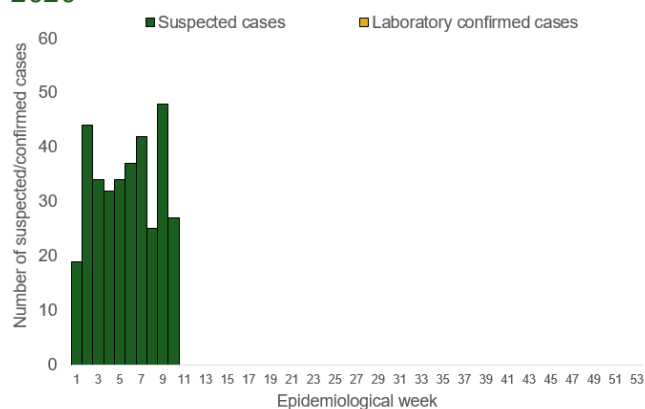
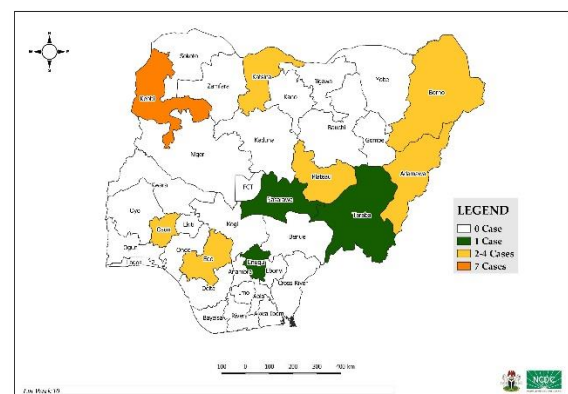


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 10, 2020



Key points

- There were 27 suspected cases of Yellow Fever (YF) reported from 22 LGAs in 10 states. None was laboratory confirmed and no death was recorded

Actions

To date:

- National multiagency YF Technical Working Group (TWG) continues to coordinate response activities

Planned:

- Continue surveillance and laboratory data harmonisation

Cholera

Week 10

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

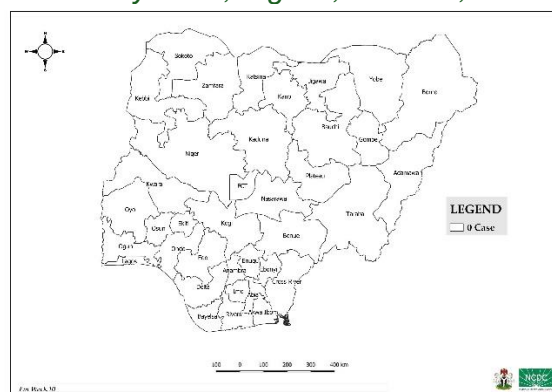
Year to date (week 1 – 10)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
323	729	4	0	19	31	5.9%	4.2%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 10, 2020



Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 10, 2020



Key points

- There was no suspected case of cholera reported this week

Actions

To date

- National cholera multi-sectoral Technical Working Group (TWG) is monitoring all states and supporting already affected states
- Development of the 2020 cholera preparedness and response plan ongoing
- Training of water resources laboratories personnel across the six (6) geopolitical zones on *Vibrio cholerae* isolation from environmental samples (ongoing)

Planned:

- Ensure that reporting states conduct rapid diagnostic test/culture test and send line list of all reported cases to the national level
- Continue follow up and monitoring of non-reporting states
- Continue harmonisation of the national line list and SORMAS data
- Working with states to increase diagnostic testing rate

Measles

Week 10

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
921	0	5	State: 26 + FCT LGA: 199

Year to date (week 1 – 10)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
9359	7050	535	636	23	25	0.3%	0.4%

Figure 11: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 10, 2020

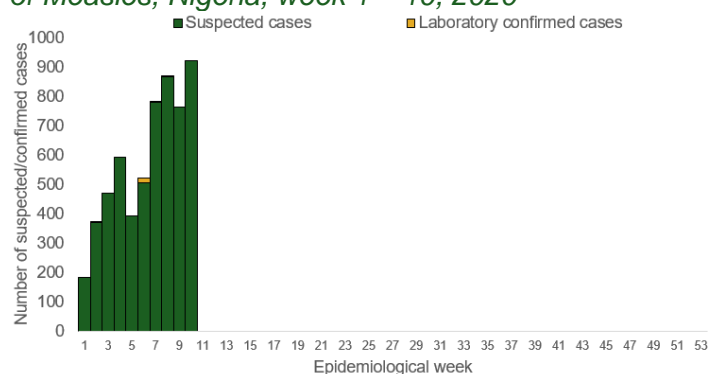
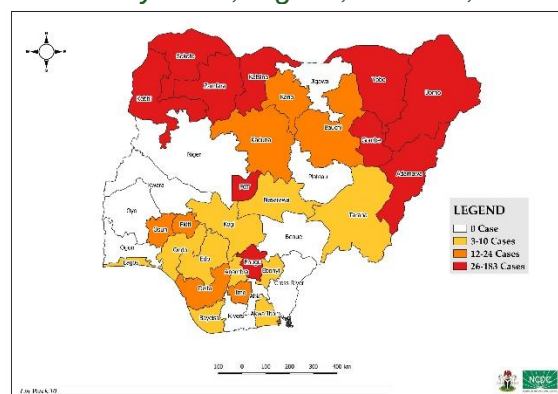


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 10, 2020



Key points

- There were 921 suspected cases of measles reported from 199 LGAs in 26 states and FCT.
- There was no laboratory confirmed case and five (5) deaths were recorded

Actions

To date

- National measles Technical Working Group (TWG) is closely monitoring surveillance data and response activities across the country

Planned:

- Intensify follow up with states to update and transmit line list
- Continue the review of measles surveillance data across the country
- Continue harmonisation of the national line list and SORMAS data

Monkeypox

Week 10

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

Year to date (week 1 – 10)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
9	10	9	0	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1 – 10, 2020

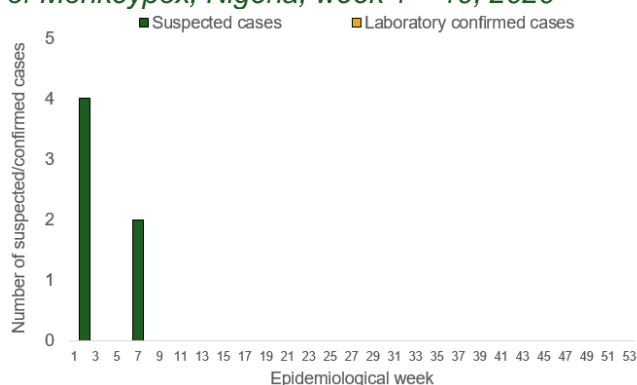
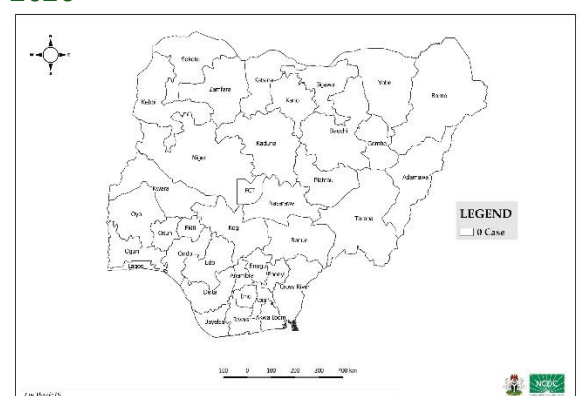


Figure 14: Location of suspected cases of Monkeypox by State, Nigeria, week 10, 2020



Key points

- There was no suspected case of monkeypox reported this week

Actions

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

Planned:

- Enhance surveillance for monkeypox in high burden states, working with the animal health colleagues
- Continue harmonisation of the national line list and SORMAS data

Acute Flaccid Paralysis (AFP)

Week 10

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
85	0	0	State: 29 + FCT LGA: 78

Year to date (week 1 – 10)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1187	837	0	0	0	0	0%	0%

Figure 15: Number of suspected and confirmed cases of AFP, Nigeria, week 1 – 10, 2020

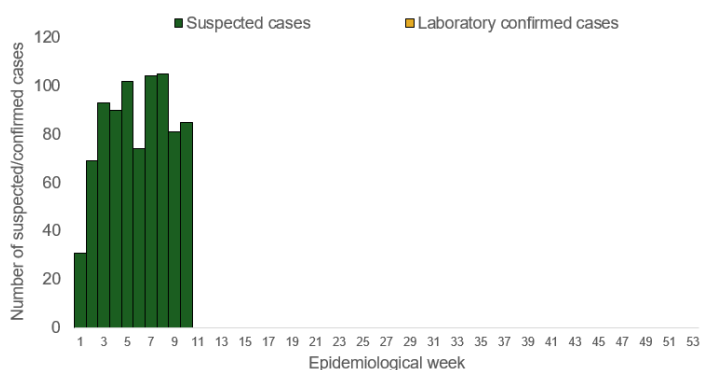
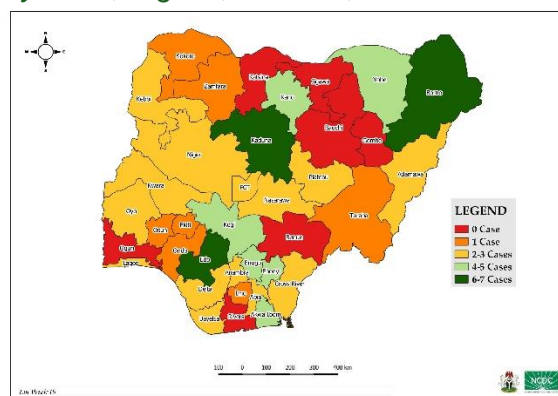


Figure 16: Location of suspected cases of AFP by State, Nigeria, week 10, 2020



Key points

- There were 85 suspected cases of AFP reported from 78 LGAs in 29 states and FCT. None was laboratory confirmed and no death was recorded

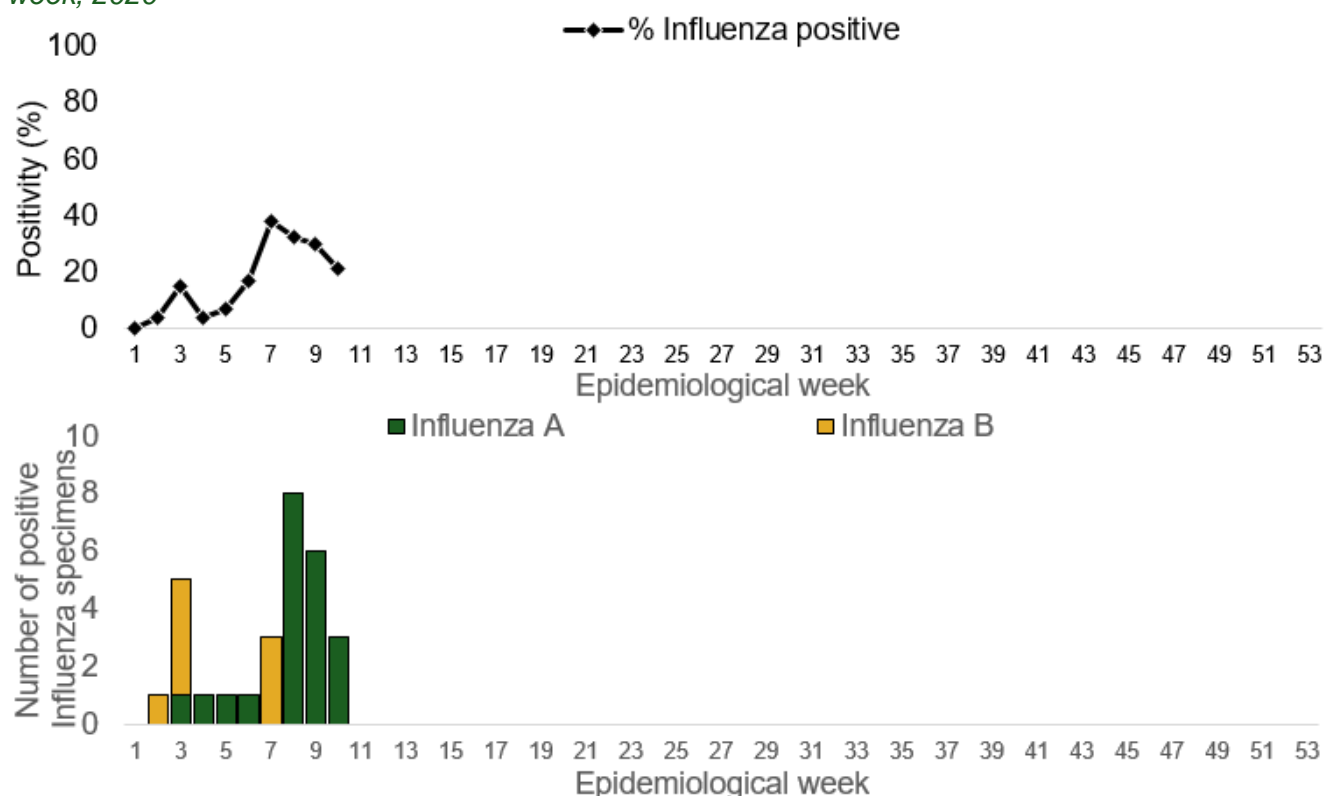
National Influenza Sentinel Surveillance

Year to date (week 1 – 10)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	194	144 (74.2%)	50 (25.8%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	21	8	16	6	5	2
Positivity (%)	10.8%	4.1%	11.1%	4.2%	10%	4%

Figure 17: Number of influenza positive specimens by type and percent positive by epidemiological week, 2020



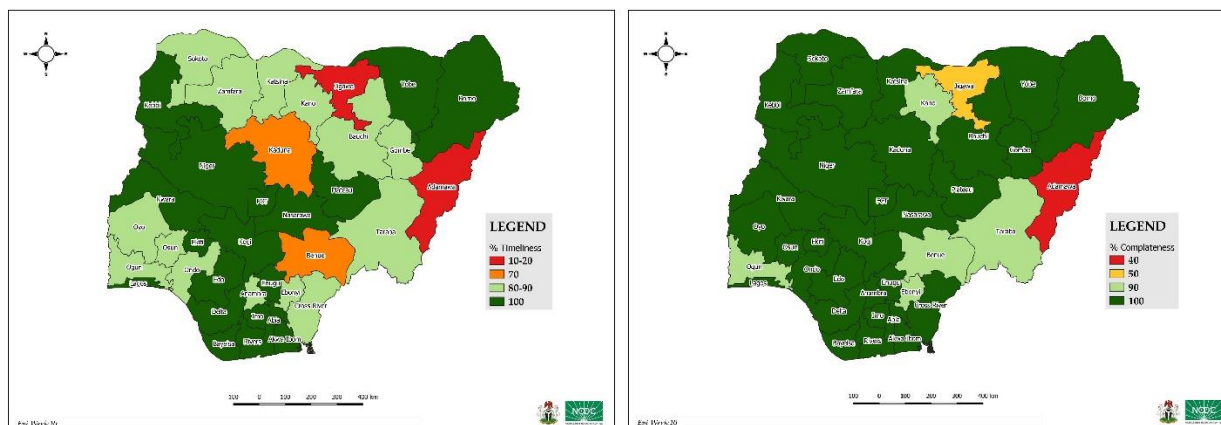
Key points

- The subtypes A seasonal H3, 2009A/H1N1 and A/not subtyped account for 0(0.0%), 2(9.5%) and 19 (90.5%) of the total influenza A positive samples respectively. The subtypes B VICTORIA, B Not subtyped and B Yamagata account for 0(0.0%), 8(100%) and 0(0.0%) of the total influenza B positive samples respectively.
- The percentage influenza positive was highest in week 7 with 37.5%.

Timeliness and Completeness of Reports

Last 4 weeks (7 – 10, 2020)

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), weeks 7 - 10, 2020



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 7 - 10	Year to date Week 1- 10
Reports sent on time	125	330
Reports sent late	11	24
Reports not received	12	16
Timeliness	84.5%	89.2%
Completeness	91.9%	95.7%

States with reports not received in 2020 (week 1 – 10)

State	Week(s) report not received
Adamawa	4, 5, 6, 7, 8 & 9
Benue	10
Ebonyi	9
Jigawa	6, 7, 8, 9 & 10
Kano	9
Ogun	10
Taraba	9

Timeliness and Completeness of Reports by State

Year to date (week 1 – 10)

State	Timeliness (%)	Completeness (%)
Abia	100	100
Adamawa	20	40
Akwa Ibom	100	100
Anambra	90	100
Bauchi	90	100
Bayelsa	100	100
Benue	70	90
Borno	100	100
Cross River	80	100
Delta	100	100
Ebonyi	90	90
Edo	100	100
Ekiti	100	100
Enugu	100	100
FCT	100	100
Gombe	90	100
Imo	100	100
Jigawa	10	50
Kaduna	70	100
Kano	90	90
Katsina	80	100
Kebbi	100	100
Kogi	100	100
Kwara	100	100
Lagos	100	100
Nasarawa	100	100
Niger	100	100
Ogun	90	90
Ondo	90	100
Osun	80	100
Oyo	90	100
Plateau	100	100
Rivers	100	100
Sokoto	90	100
Taraba	90	90
Yobe	100	100
Zamfara	90	100