



Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 9: 24th February – 1st March 2020

Highlight of the Week

Nigeria's response to COVID-19 Pandemic



The first case of COVID-19 in Nigeria was confirmed on the 27th of February 2020. Since then, the Nigeria Centre for Disease Control (NCDC) has continued to intensify efforts to reduce the risk of spread in the country. So far, the country has confirmed two cases. The second case was a contact of the first case.

On the 11th of March 2020, WHO characterised the spread of COVID-19 as a pandemic, calling for countries to take urgent and aggressive action.

The National COVID-19 Emergency Operations Centre (EOC), activated on the 28th of February at the highest level, has been meeting daily to coordinate response activities in line with the COVID-19 Incident Action Plan (IAP). Some of the activities that have been implemented so far include:

1. Strengthening and expansion of COVID-19 laboratory diagnostic capacity. Currently, there are five laboratories with capacity to test for COVID-19 in Nigeria
2. Deployment of Rapid Response Teams (RRTs) to support response activities in Lagos and Ogun States
3. Recruitment and deployment of ad-hoc officers to support screening and contact tracing activities in Ogun State and high priority states with international airports including Lagos State
4. Training of states' healthcare workers on infection prevention and control (IPC); sample collection and testing; and clinical management of COVID-19
5. Daily epidemic intelligence meeting for continuous risk assessment to provide information for follow-up action(s)
6. Intensive risk communication including press releases, radio jingles, media appearances etc.
7. Development of guidelines for IPC, case management, schools, mass gatherings etc.

These concerted efforts enabled the prompt detection of the second case of COVID-19 in Nigeria through intensive contact tracing. On the 13th of March, the patient was discharged after testing negative for the disease twice. The index case is clinically stable.

Given the continuous risk of spread, the National EOC led by NCDC continues to scale up prevention, preparedness and response measures. The President of the Federal Government of Nigeria, President Muhammadu Buhari has also set up a Presidential Task Force on COVID-19, to provide high-level strategic advice on preparedness for and response to the disease in Nigeria.

The NCDC is closely working with relevant stakeholders particularly the Ports Health Services of the Federal Ministry of Health to enhance measures at points of entry, and across the country, to reduce the risk of spread of COVID-19 in Nigeria.

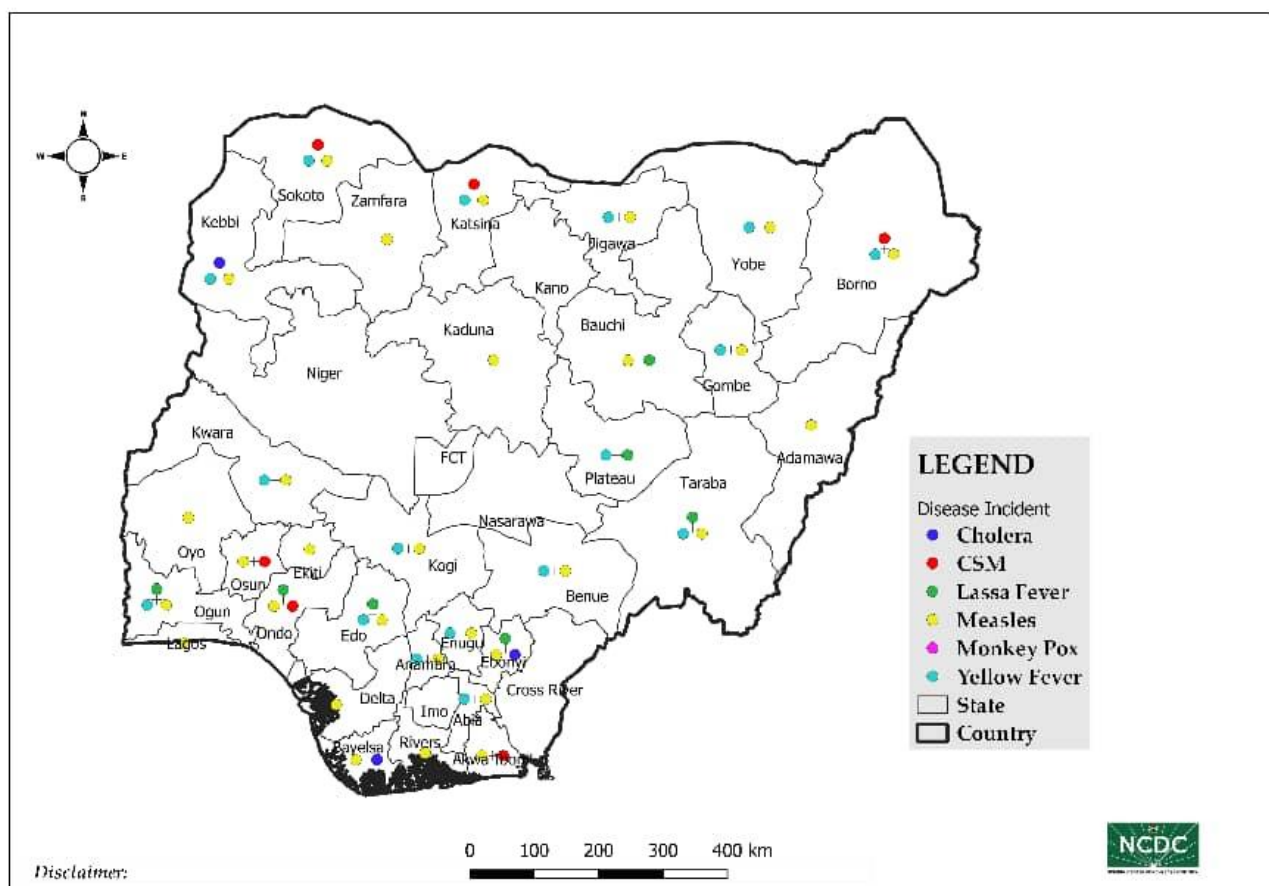
Summary of Incidents

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: 24th February – 1st March 2020

Lassa Fever ^{1,2}	Cerebrospinal Meningitis (CSM) ^{3,4}	Yellow Fever ^{3,4}
443 Suspected cases	8 Suspected cases	48 Suspected cases
85 Confirmed case(s)	0 Confirmed cases	0 Confirmed cases
11 Death(s)	0 Death(s)	0 Death(s)
Cholera ^{3,4}	Measles ^{3,4}	Monkeypox ^{1,4}
0 Suspected cases	764 Suspected cases	0 Suspected case(s)
0 Confirmed cases	0 Confirmed cases	0 Confirmed cases
0 Death(s)	2 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) ^{3,4}	National Sentinel influenza surveillance ⁵	
81 Suspected cases	20 Suspected cases	
0 Confirmed Polio	6 Confirmed cases	

Timeliness of reports ₃	Completeness of reports ₃
88.5% Last 4 weeks	92.6% Last 4 weeks
90.7% Year to date	96.1% 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 9

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
443	85	11	State: 28 + FCT LGA: 107

Year to date (week 1 – 9)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1374	3054	420	775	93	132	22.1%	17%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 9, 2020

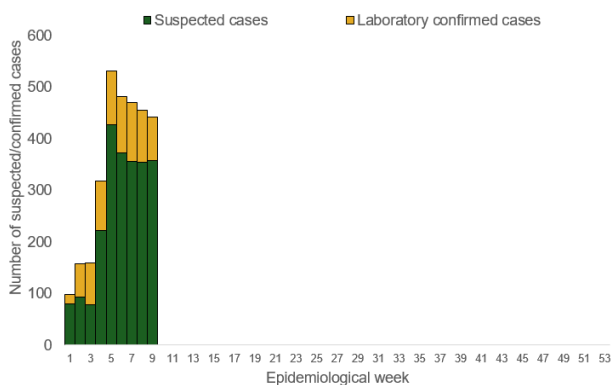
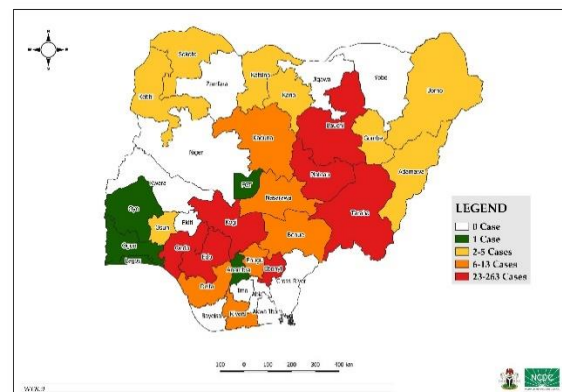


Figure 2: Location of confirmed cases of Lassa Fever by state, Nigeria, week 9, 2020



Key points

- There were 443 suspected cases, 85 confirmed cases and 11 deaths recorded from 107 LGAs in 28 states and FCT
- One new healthcare worker was affected in Edo state in the reporting week

Actions

To date:

- The National Emergency Operations Centre was activated on 24th January 2020 for effective multi-sectoral, multi-disciplinary coordination of Lassa fever (LF) response
- Developed LF Incident Action Plan (IAP)
- NCDC National Rapid Response Team (RRT) deployed to Ondo, Ebonyi, Enugu, Katsina, Taraba, Delta, Edo, Kano, and Borno states
- Training of healthcare workers on case management and Infection Prevention and Control

Planned:

- Pilot indigent patient treatment scheme through the basic healthcare provision funds
- Review LF deaths
- In-depth investigation of healthcare worker infections
- Operationalise *LGA sanitation desks* by Environmental Health Officers in all states

Cerebrospinal Meningitis (CSM)

Week 9

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
8	0	0	State: 3 LGA: 5

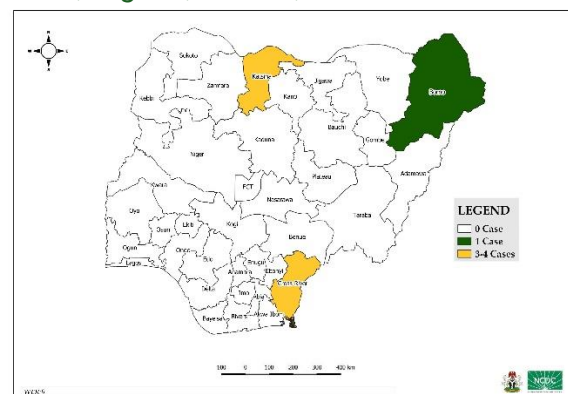
Year to date (week 1 – 9)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
559	106	40	0	54	1	9.7%	0.9%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 9, 2020



Figure 4: Location of suspected cases of CSM by State, Nigeria, week 9, 2020



Key points

There were 8 suspected cases of Cerebrospinal Meningitis (CSM) reported from five LGAs in three states (Borno – 1, Katsina – 4 & Cross River – 3). 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 9

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
48	0	0	State: 19 LGA: 43

Year to date (week 1 – 9)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
400	530	0	6	0	0	0%	0%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 9, 2020

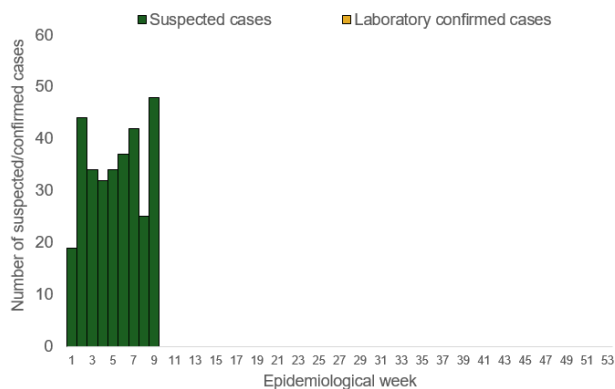
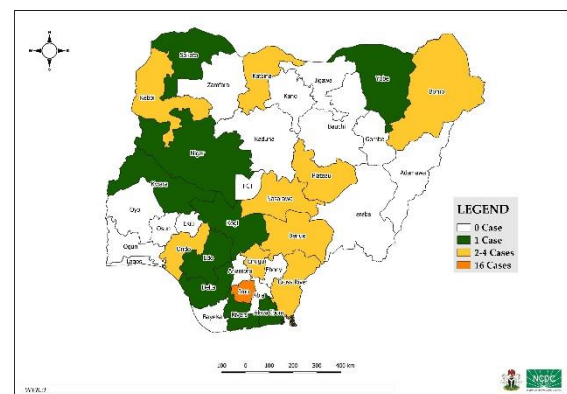


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 9, 2020



Key points

- There were 48 suspected cases of yellow fever (YF) reported from 43 LGAs in 19 states. None was laboratory confirmed and no death was recorded

Actions

To date:

- National multiagency YF Technical Working Group (TWG) is coordinating response activities

Planned:

- Continue to harmonise surveillance and laboratory data

Cholera

Week 9

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

Year to date (week 1 – 9)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
353	729	3	0	18	31	5.1%	4.3%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 9, 2020

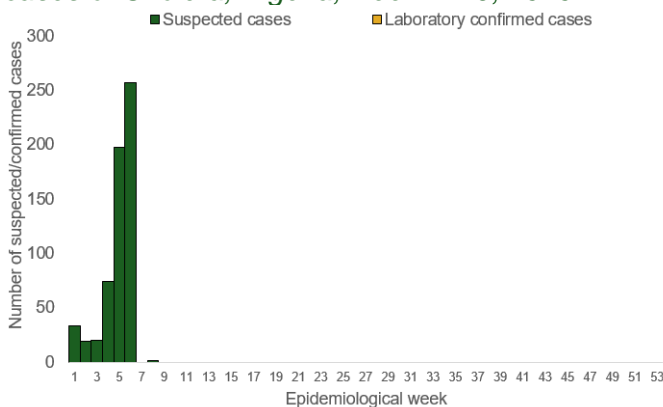
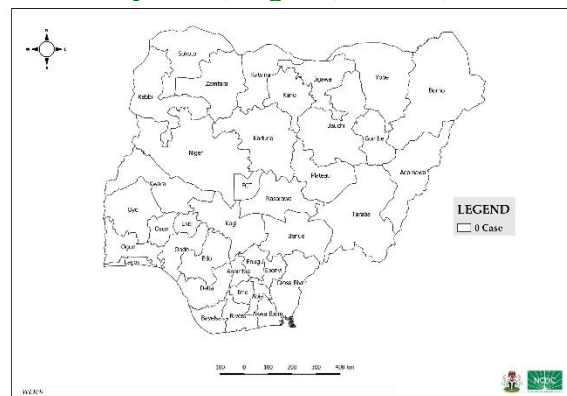


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 9, 2020



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
- Development of the 2020 cholera preparedness and response plan ongoing
- Training of water resources laboratory personnel across the 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 9

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
764	0	2	State: 29 + FCT LGA: 180

Year to date (week 1 – 9)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
7420	6129	19	636	12	20	0.2%	0.3%

Figure 11: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 9, 2020

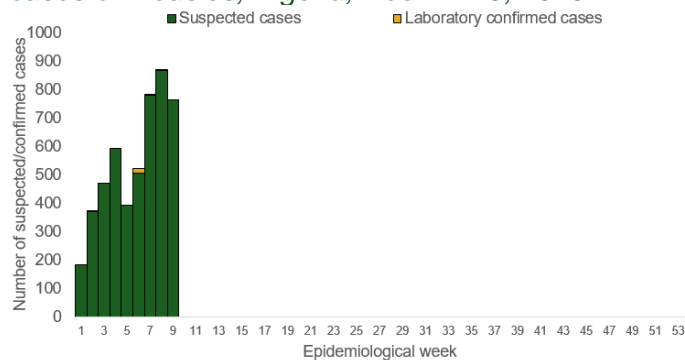
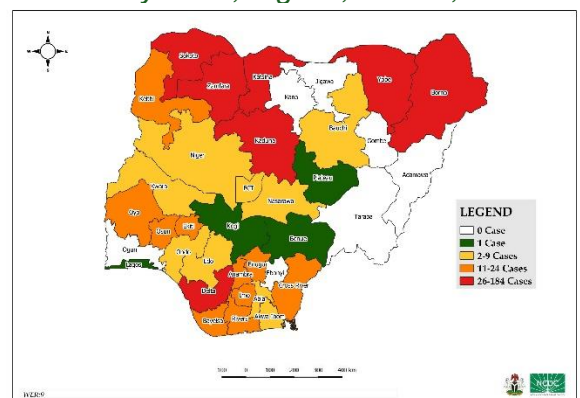


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 9, 2020



Key points

- There were 764 suspected cases of measles reported from 180 LGAs in 29 states and FCT. There was no laboratory confirmed case and two deaths were recorded

Actions

To date

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

Planned:

- Repeat *dynamic risk assessment*
- 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 9

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

Year to date (week 1 – 9)

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

Figure 13: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1–9, 2020

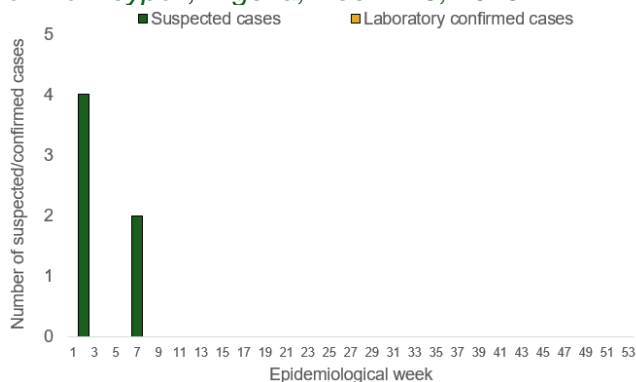
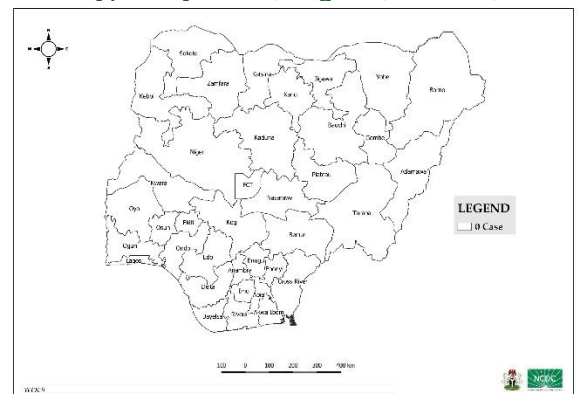


Figure 14: Location of suspected cases of Monkeypox by State, Nigeria, week 9, 2020



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
- Regional training on monkeypox case detection and management

Acute Flaccid Paralysis (AFP)

Week 9

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
81	0	0	State: 28 + FCT LGA: 97

Year to date (week 1 – 9)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1076	752	0	0	0	0	0%	0%

Figure 15: Number of suspected and confirmed cases of AFP, Nigeria, week 1– 9, 2020

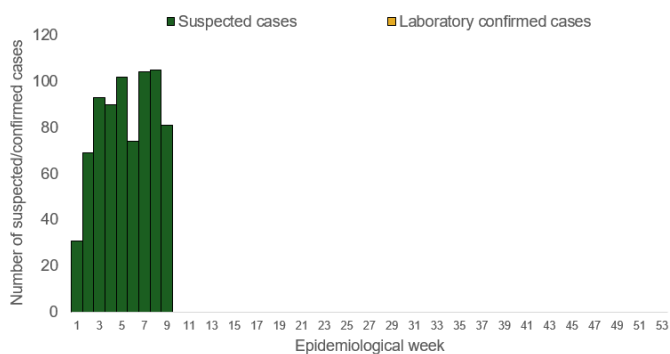
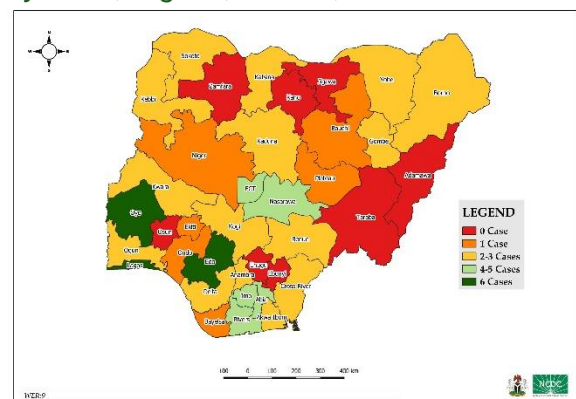


Figure 16: Location of suspected cases of AFP by State, Nigeria, week 9, 2020



Key points

- There were 81 suspected cases of AFP reported from 97 LGAs in 28 states and FCT. None was laboratory confirmed and no death was recorded

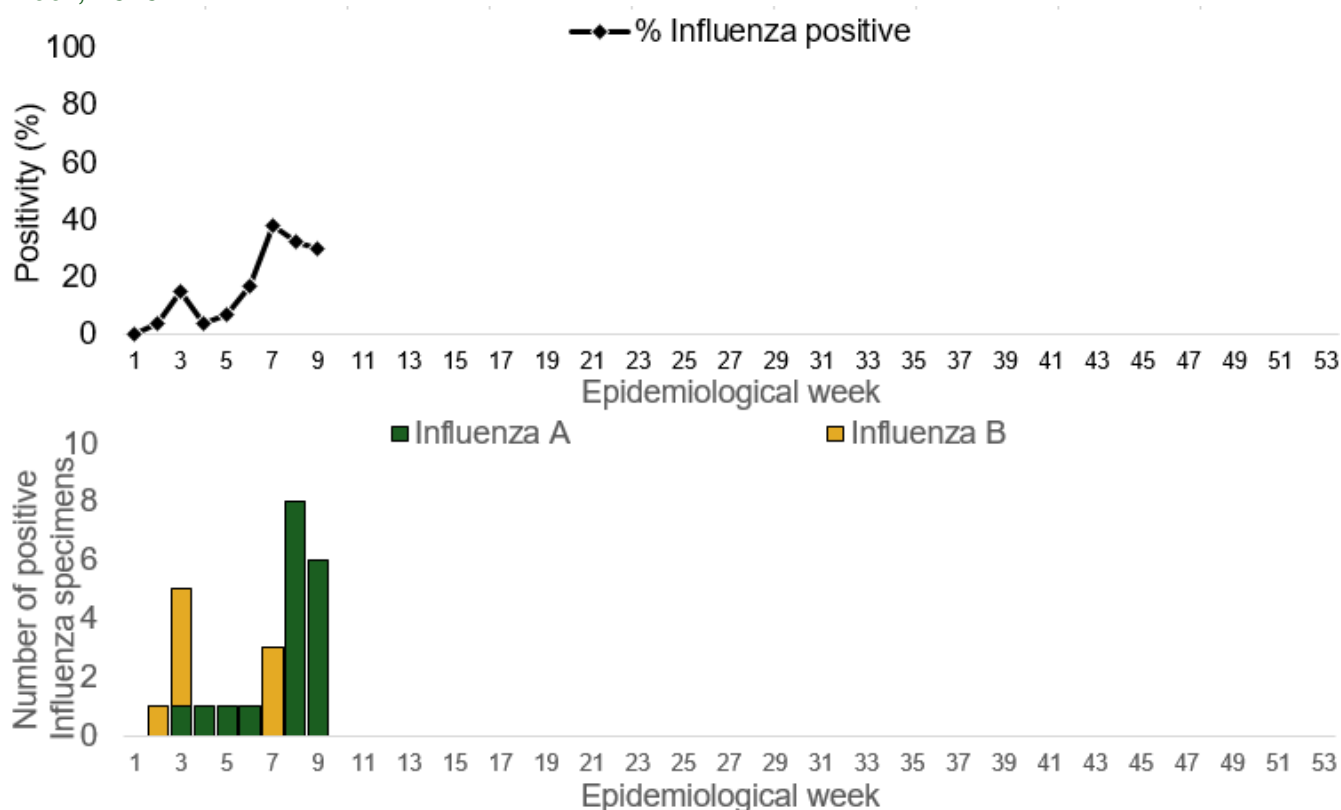
National Influenza Sentinel Surveillance

Year to date (week 1 – 9)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	180	134 (74.4%)	46 (25.5%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	18	8	13	6	5	2
Positivity (%)	10%	4.4%	9.7%	4.5%	10.8%	4.3%

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



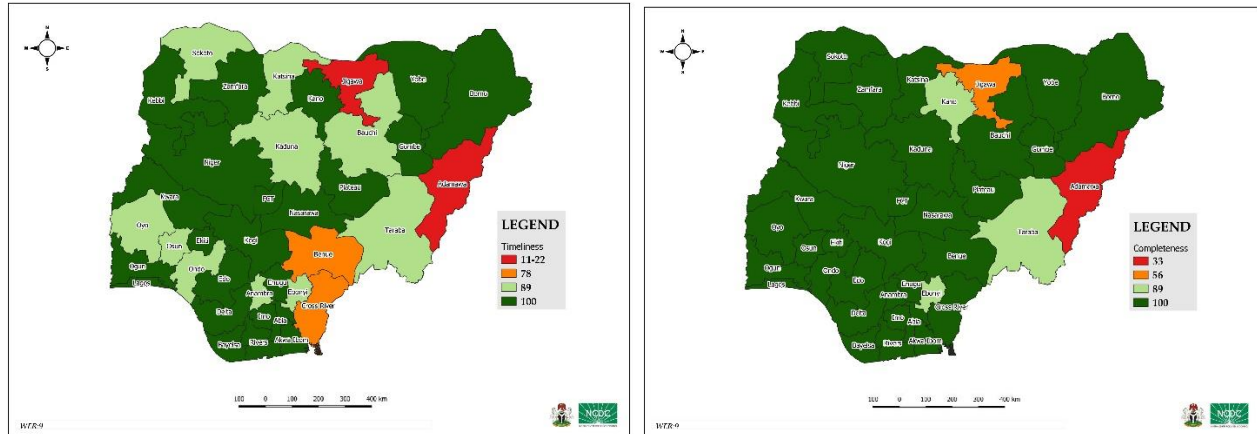
Key points

- 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 (6 – 9, 2020)

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), weeks 6 - 9, 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	Year to date
	Week 6 - 9	Week 1- 9
Reports sent on time	132	302
Reports sent late	6	19
Reports not received	10	12
Timeliness	89.2%	91.0%
Completeness	93.2%	96.0%

States with reports not received in 2020 (week 1 – 9)

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

Timeliness and Completeness of Reports by State

Year to date (week 1 – 9)

State	Timeliness (%)	Completeness (%)
Abia	100	100
Adamawa	33	33
Akwa Ibom	100	100
Anambra	89	100
Bauchi	89	100
Bayelsa	100	100
Benue	67	100
Borno	100	100
Cross River	67	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	22	56
Kaduna	78	100
Kano	89	89
Katsina	89	100
Kebbi	100	100
Kogi	100	100
Kwara	100	100
Lagos	100	100
Nasarawa	100	100
Niger	100	100
Ogun	100	100
Ondo	89	100
Osun	89	100
Oyo	89	100
Plateau	100	100
Rivers	100	100
Sokoto	100	100
Taraba	89	89
Yobe	100	100
Zamfara	100	100