



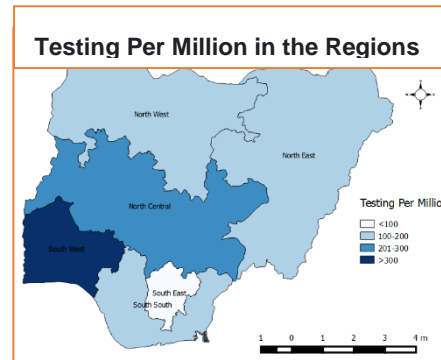
Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 20: 11th May – 17th May 2020

Highlight of the Week

Increasing sample collection and testing for COVID-19 in Nigeria



In the past few weeks, Nigeria has seen a significant increase in the number of COVID-19 cases reported across the country. As at the 31st of May 2020, there were 10,162 confirmed cases reported from 35 states and the Federal Capital Territory. The continuous and strategic expansion of COVID-19 testing centres across the country is one of the strategies that has enhanced the prompt detection of cases. To date, a total of 30 laboratories have been activated by the Nigeria Centre for Disease Control (NCDC) for the testing of COVID-19 in Nigeria.

This expansion has enhanced the turn-around-time from when samples are collected, to when results are communicated to individuals. However, an in-depth analysis of states' sample collection shows that several states are not collecting adequate samples for testing including states with high positivity rates. The implication of this is the underutilisation of the national testing capacity and increased risk of asymptomatic cases going undetected and unintentionally spreading the virus.

To address this challenge, the national COVID-19 Emergency Operations Centre (EOC) convened a virtual meeting with all the states in the South-East as well as Borno, Jigawa and Katsina States. This was to discuss current sample collection strategies, challenges, and opportunities for improvement. One of the major challenges highlighted was inadequate operational funding for community surveillance, active case search and contact tracing.

Following the meeting, key recommendations were made for states to:

1. Establish more sample collection centres possibly across all or strategically located Local Government Areas (LGAs) in their states
2. Ensure enhanced community surveillance using up-to date case definition
3. Provide operational fund for timely contact tracing and active case search
4. Identify and train more personnel to support sample collection
5. Ensure epi-number and other details of samples collected are entered into the Surveillance Outbreak Response Management and Analysis System (SORMAS) for accurate documentation

A major outcome of the meeting was for states to develop a plan of action to expand sample collection. The NCDC will continue to support states to effectively respond to this outbreak. However, we also encourage state governments to ensure that resources are adequately channeled towards addressing gaps in the COVID-19 response at the state level.

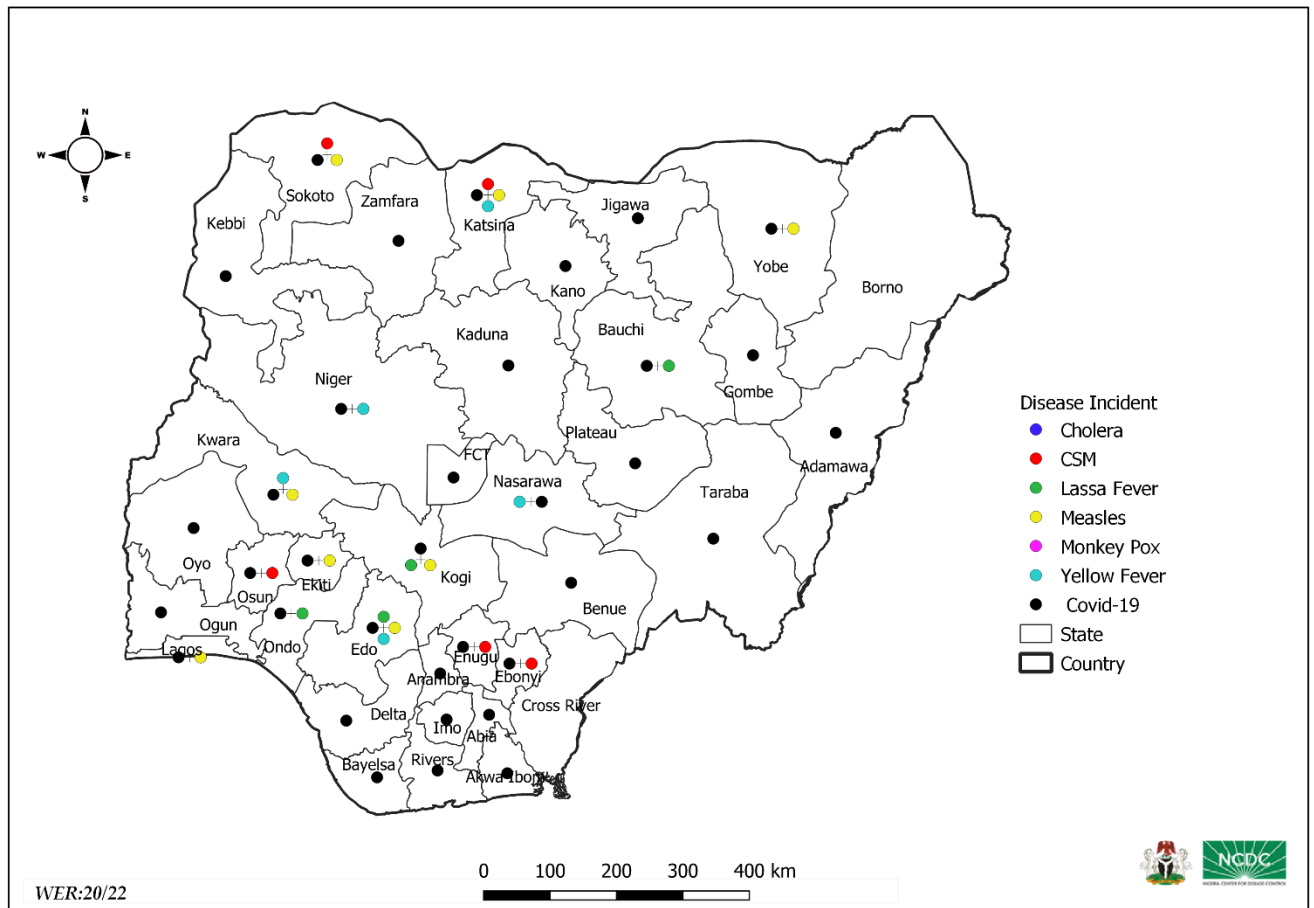
Summary of Incidents

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 20: 11th May – 17th May 2020 (Coronavirus Disease as at May 31st, 2020)

Lassa Fever_{1,2}	Cerebrospinal Meningitis (CSM)_{3,4}	Yellow Fever_{3,4}
68 Suspected case(s)	8 Suspected case(s)	8 Suspected case(s)
6 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
1 Death(s)	0 Death(s)	0 Death(s)
Cholera_{3,4}	Measles_{3,4}	Monkeypox_{1,4}
0 Suspected case(s)	155 Suspected case(s)	0 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 surveillance₅	COVID19 (As at week 22)
44 Suspected case(s)	0 Suspected case(s)	63882 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	10162 Confirmed case(s)
		287 Death(s)

Timeliness of reports₃	Completeness of reports₃
86.5% Last 4 weeks	90.6% Last 4 weeks
88.2% Year to date	95.9% 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 20

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
68	6	1	State: 3 LGA: 5

Year to date (week 1 – 20)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
2504	4761	575	1006	129	194	22.4%	19.3%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 20, 2020

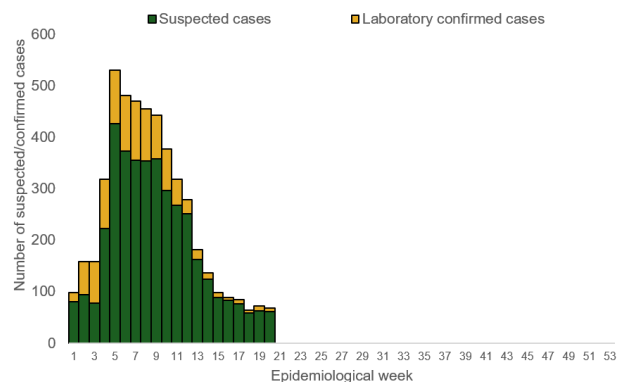
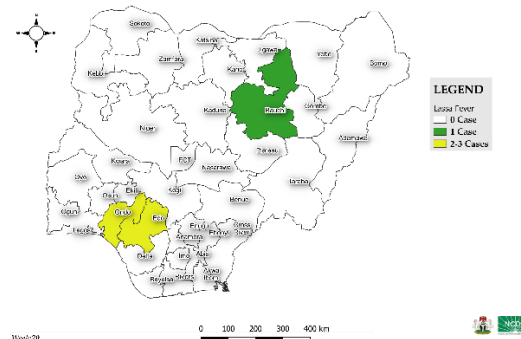


Figure 2: Location of **confirmed** cases of Lassa Fever by state, Nigeria, week 20, 2020



Key points

- There were 68 suspected cases, six confirmed cases and one death was recorded from five LGAs in three states
- No new healthcare worker was affected in the reporting week

Actions

To date:

- National rapid response and surge teams have been deployed from NCDC to support response activities in states
- State Public Health Emergency Operations Centre activated in affected States
- Developed Incident Action Plan to guide response activities

Planned:

- Resource mobilisation
- Pilot indigent patient treatment scheme through the basic healthcare provision funds
- Support states to develop and implement LF response sustainability plan

Cerebrospinal Meningitis (CSM)

Week 20

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
8	0	0	State: 4 LGA: 6

Year to date (week 1 – 20)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1476	255	120	0	95	4	6.4%	1.6%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 20, 2020

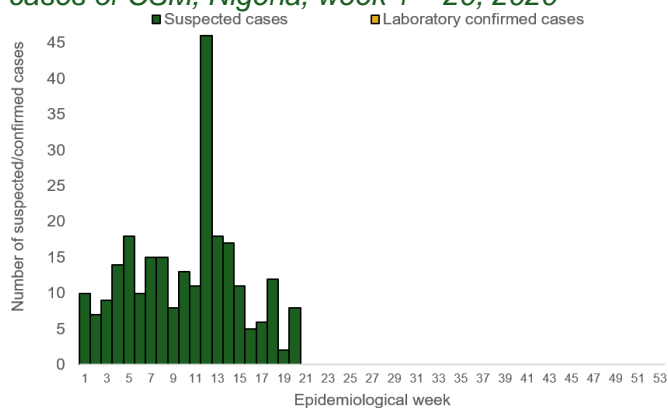
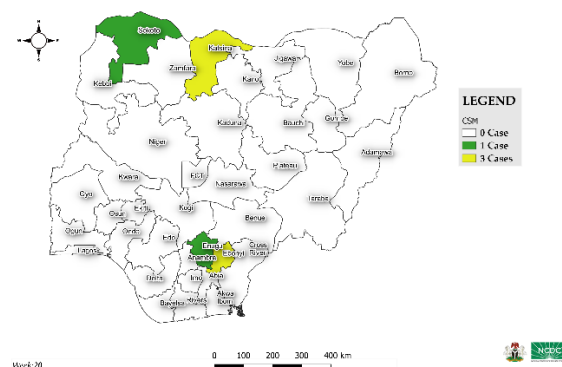


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 20, 2020



Key points

There were eight suspected cases of Cerebrospinal Meningitis (CSM) reported from six LGAs in four states (Ebonyi – 3, Enugu – 1, Katsina – 3 & Sokoto – 1). None was 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 20

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
8	0	0	State: 6 LGA: 7

Year to date (week 1 – 20)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1025	980	15	12	2	0	0.2%	0%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 20, 2020

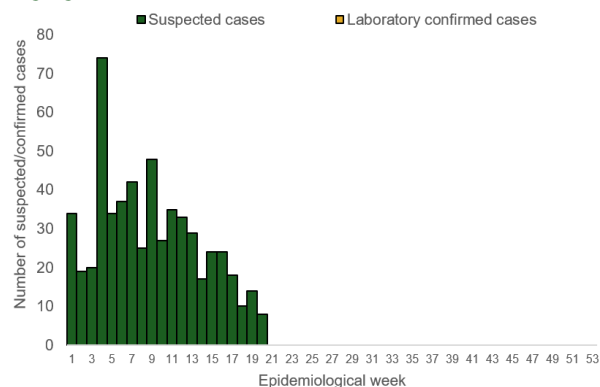
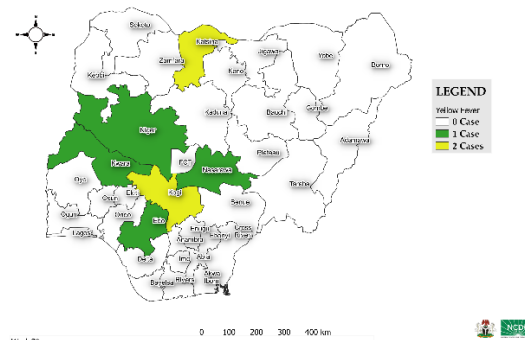


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 20, 2020



Key points

- There were eight suspected cases of Yellow Fever (YF) reported from seven LGAs in six 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:

- Surveillance and laboratory data harmonisation are ongoing

Cholera

Week 20

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

Year to date (week 1 – 20)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1006	847	13	0	31	45	3.1%	5.3%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 20, 2020

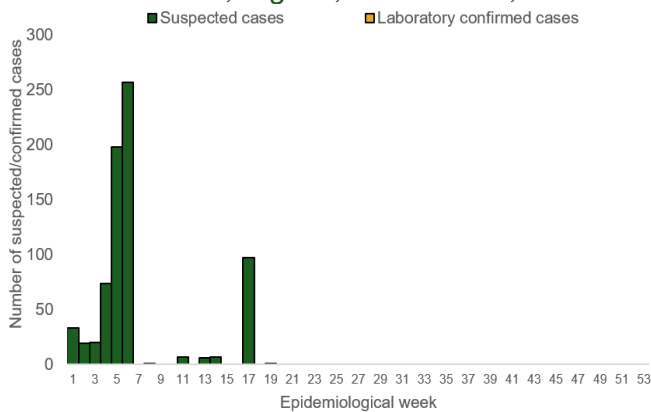
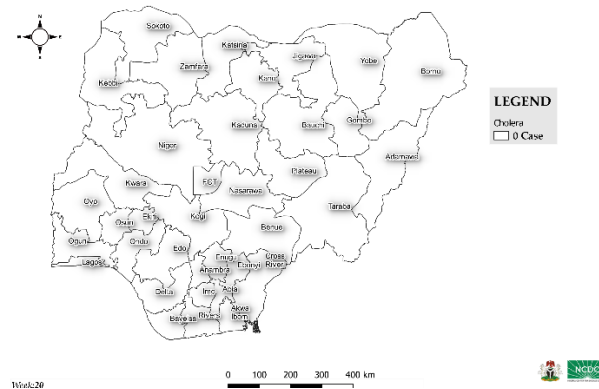


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 20, 2020



Key points

- There was no 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

Planned:

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

Measles

Week 20

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
155	0	1	State: 7 LGA: 41

Year to date (week 1 – 20)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
30669	15823	33	1629	91	71	0.3%	0.4%

Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 20, 2020

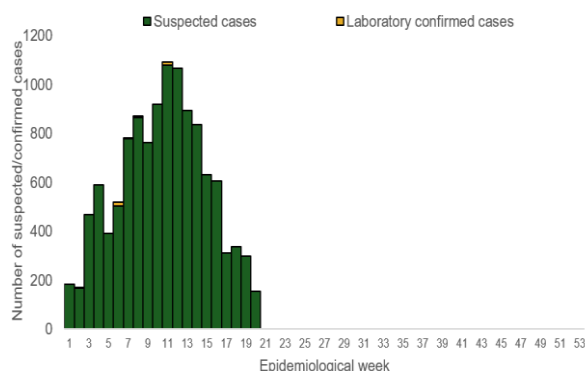
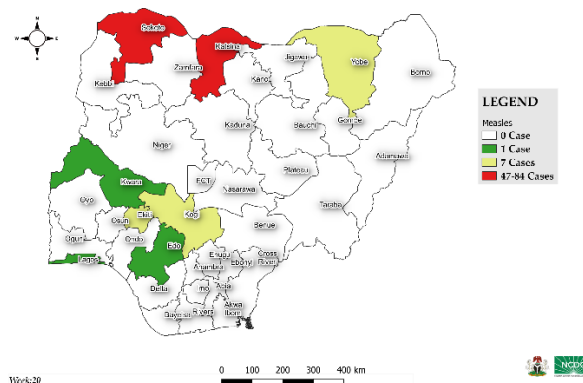


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 20, 2020



Key points

- There were 155 suspected cases of Measles reported from 41 LGAs in seven states. None was laboratory confirmed and one death was 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 20

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

Year to date (week 1 – 20)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
42	14	23	3	0	0	0%	0%

Figure 11: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1 – 20, 2020

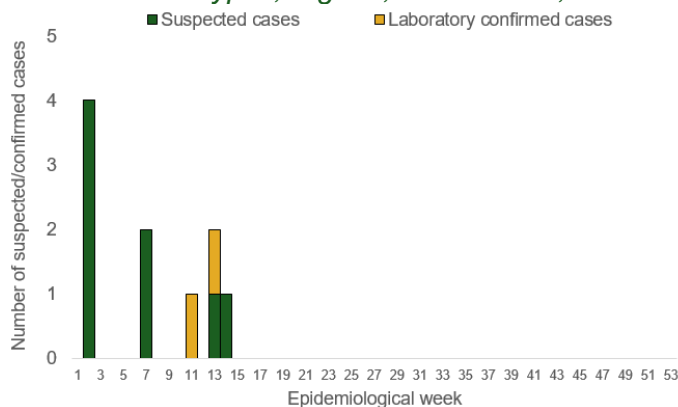
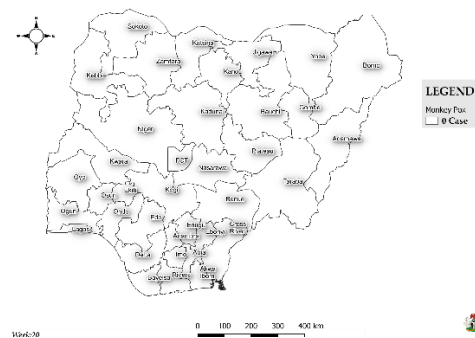


Figure 12: Location of suspected cases of Monkeypox by State, Nigeria, week 20, 2020



Key points

- There was no case of monkeypox reported this 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 20

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
44	0	0	State: 20 LGA: 39

Year to date (week 1 – 20)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
2738	1459	0	0	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, week 1 – 20, 2020

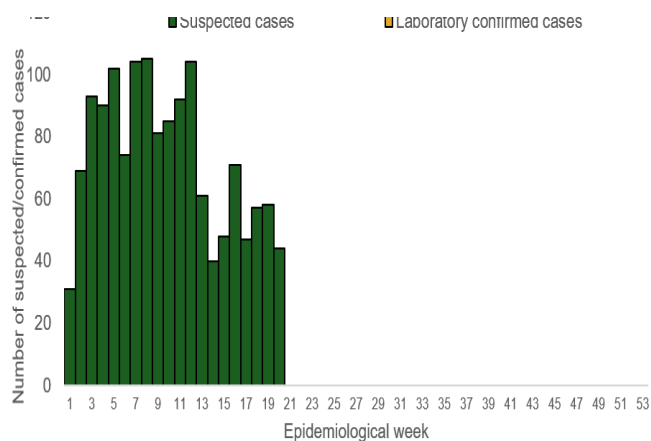
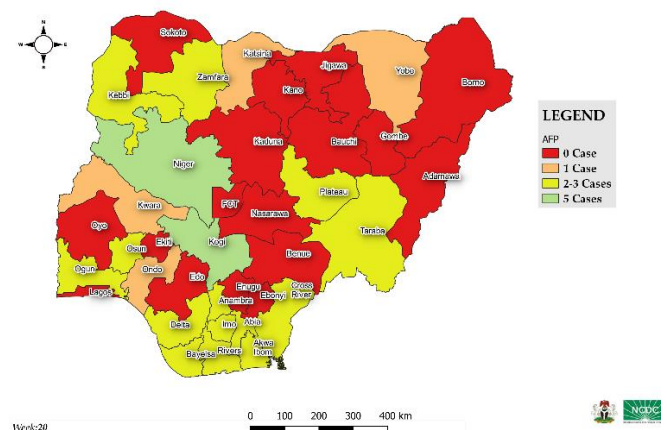


Figure 14: Location of suspected cases of AFP by State, Nigeria, week 20, 2020



Key points

- There were 44 suspected cases of AFP reported from 39 LGAs in 20 states. None was laboratory confirmed and no death was recorded

Coronavirus Disease

As at week 22

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
63882	10162	287	State: LGA:

Figure 15: Number of suspected and confirmed cases of COVID-19, Nigeria, week 1 – 21, 2020

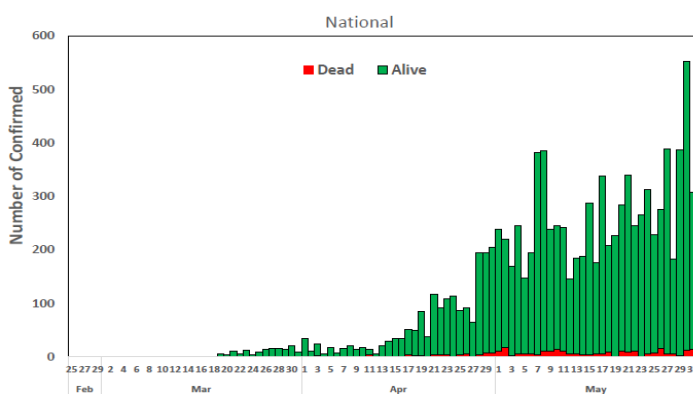
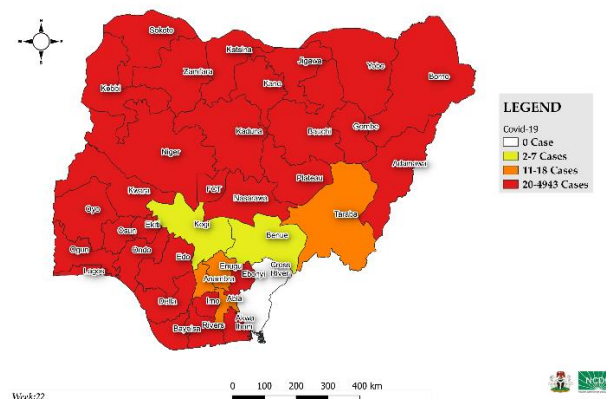


Figure 16: Location of suspected cases of COVID-19 by State, Nigeria, week 21, 2020



Actions

To date:

- National COVID-19 multi-partner Emergency Operations Centre (EOC) continues to coordinate response activities across states.
- Accredited and activated thirty (30) testing laboratories across Nigeria so far
- Received and quarantined over 1200 returnees from other countries
- Printed and distributed the mandatory institutional quarantine guideline and NCDC CARE kit for the returnees and evacuees
- Operationalisation of next strategic directions following the COVID-19 National Outbreak Response Mid-action review meeting
- National Rapid Response Team continues to support affected states
- Collaborated with Africa CDC to deploy additional rapid response team to states
- Developed Home care interim guideline for COVID-19 patients which can be accessed via covid19.gov.ng

Planned:

- Work with states to scale up sample collection and testing
- Continue mobilisation of resources
- Continue to provide guidance to states in line with national guidelines and global best practices

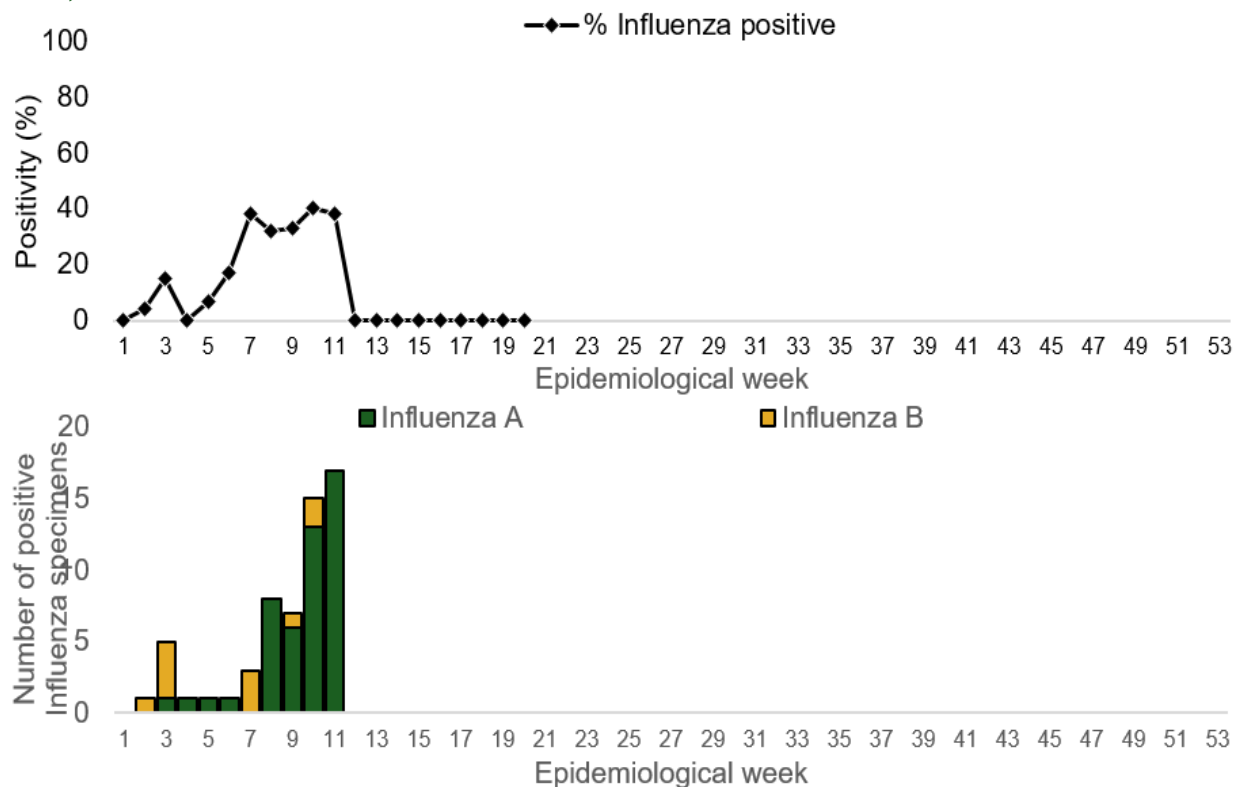
National Influenza Sentinel Surveillance

Year to date (week 1 – 20)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	264	204 (77.3%)	60 (22.7%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	48	11	39	8	9	3
Positivity (%)	18.2%	4.2%	19.1%	3.9%	15%	5%

Figure 15: Number of influenza positive specimens by type and percent positive by epidemiological week, 2020.



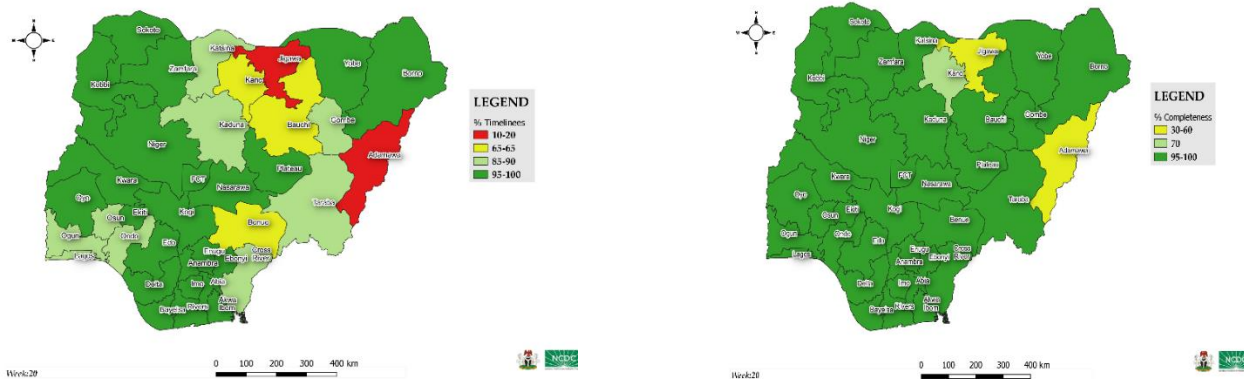
Key points

- 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 sample 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 10 with 40%.

Timeliness and Completeness of Reports

Last 4 weeks (17 – 20, 2020)

Figure 16: A – Timeliness by State (%); B – Completeness by State (%), weeks 17 - 20, 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 17 – 20	Week 1 – 20
Reports sent on time	128	653
Reports sent late	6	57
Reports not received	14	30
Timeliness	86.5%	88.2%
Completeness	90.6%	95.9%

States with reports not received in 2020 (week 1 – 20)

State	Week(s) report not received
Adamawa	13, 14, 15, 16, 17, 18, 19 & 20
Bauchi	20
Borno	20
Jigawa	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19 & 20
Kano	15, 16, 17, 18, 19 & 20

Timeliness and Completeness of Reports by State

Year to date (week 1 – 20)

State	Timeliness (%)	Completeness (%)
Abia	95	100
Adamawa	20	60
Akwa Ibom	95	100
Anambra	95	100
Bauchi	65	95
Bayelsa	100	100
Benue	60	100
Borno	95	95
Cross River	90	100
Delta	100	100
Ebonyi	95	100
Edo	100	100
Ekiti	100	100
Enugu	100	100
FCT	100	100
Gombe	90	100
Imo	100	100
Jigawa	10	30
Kaduna	85	100
Kano	65	70
Katsina	85	100
Kebbi	100	100
Kogi	100	100
Kwara	95	100
Lagos	90	100
Nasarawa	100	100
Niger	100	100
Ogun	90	100
Ondo	80	100
Osun	90	100
Oyo	95	100
Plateau	100	100
Rivers	100	100
Sokoto	95	100
Taraba	90	100
Yobe	100	100
Zamfara	95	100