



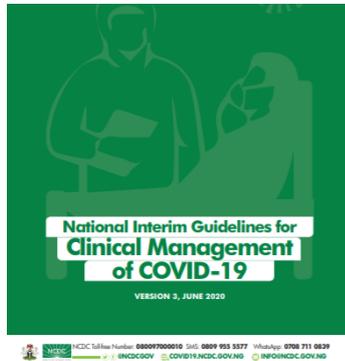
Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 21: 18th – 24th May 2020

Highlight of the Week

NCDC Publishes an Updated National COVID-19 Case Management Guidelines



Nigeria is one of several countries affected by the coronavirus disease (COVID-19) pandemic. As at the 8th of June, 2020, a total of 12,801 cases and 361 deaths have been recorded across 35 states and the Federal Capital Territory. As part of its mandate, the Nigeria Centre for Disease Control (NCDC) has continued to provide evidence-based guidelines on the management of COVID-19 cases in Nigeria.

Based on the [World Health Organization's new guidelines](#) on case management, released on the 27th of May 2020, the NCDC has also published a third version of the [National Interim Guideline for Clinical Case Management of COVID-19](#). In line with evolving knowledge of the disease, this revision has been done within the Nigerian context. The aim of this is to standardise care, significantly improve treatment outcomes for confirmed cases and foster understanding of clinical management pathway for COVID-19. Below are few key extracts from the revised guidelines:

1. A suspect case is defined as any person (including severely ill patients) presenting with fever, cough or difficulty in breathing **AND** who within 14 days before the onset of illness had travel history to any country with confirmed and ongoing community transmission of SARS-CoV-2 **OR** close contact with a confirmed case of COVID-19 **OR** exposure to a healthcare facility where COVID-19 case(s) have been reported
2. A confirmed case person is one with laboratory confirmation of SARS-CoV-2 infection with or without signs and symptoms
3. A COVID-19 death is defined as a death resulting from a clinically compatible illness, in a probable or confirmed COVID-19 case, unless there is a clear alternative cause of death that cannot be related to COVID-19 disease (e.g. trauma).
4. For samples, minimum of one (1) nasal swab and one (1) oropharyngeal swab should be collected. Sputum should be collected from patients with a productive cough
5. For mild cases, management includes antipyretics; rest; and close monitoring of all vital signs. Multivitamins and oral rehydration and mineral supplements may be administered but prophylactic antibiotics should NOT be given to asymptomatic or mildly symptomatic patients
6. For severe cases, provision of supplemental oxygen therapy is a hallmark of treatment. There should be single use oxygen delivery interfaces (nasal cannula, simple face mask, and mask with reservoir bag)
7. As there is no evidence of their efficacy, the following drugs should not be administered except during clinical trials: Chloroquine and hydroxychloroquine (+/- azithromycin) and antivirals, including but not limited to Lopinavir/ritonavir, Remdesivir, Umifenovir and Favipiravi
8. Evidence has revealed that "viral RNA detected beyond 10 days is no longer infectious as no viable virus is grown by viral culture." **Hence, the following discharge criteria apply:**
 - a. For symptomatic cases: **Ten (10)** days after symptom onset, plus at least 3 days without symptoms (fever and respiratory symptoms) as well as SpO₂ ≥ 95% in room air for 3 days
 - b. For asymptomatic cases: **Fourteen (14)** days after the initial positive result (date of collection of sample)

- Discharged patients should continue self-isolation one week after discharge home (see self-isolation guideline [here](#)). Patients should be followed up the first week of discharge and monthly for the next three months.
- Home care is reserved for** clinically stable cases with no co-morbidity (for those >50 years) nor communicable disease (for those <50 years); normal oxygen saturation (SpO₂ ≥ 95%); and available space for optimal self-isolation. There are few other contraindications to home care.

In line with the global best practices, the NCDC will continue to pull all available resources to enhance capacity of healthcare workers to effectively manage confirmed cases of COVID-19 in Nigeria. The public are strongly advised not to self-medicate but contact their state helplines where there is a suspected case of COVID-19.

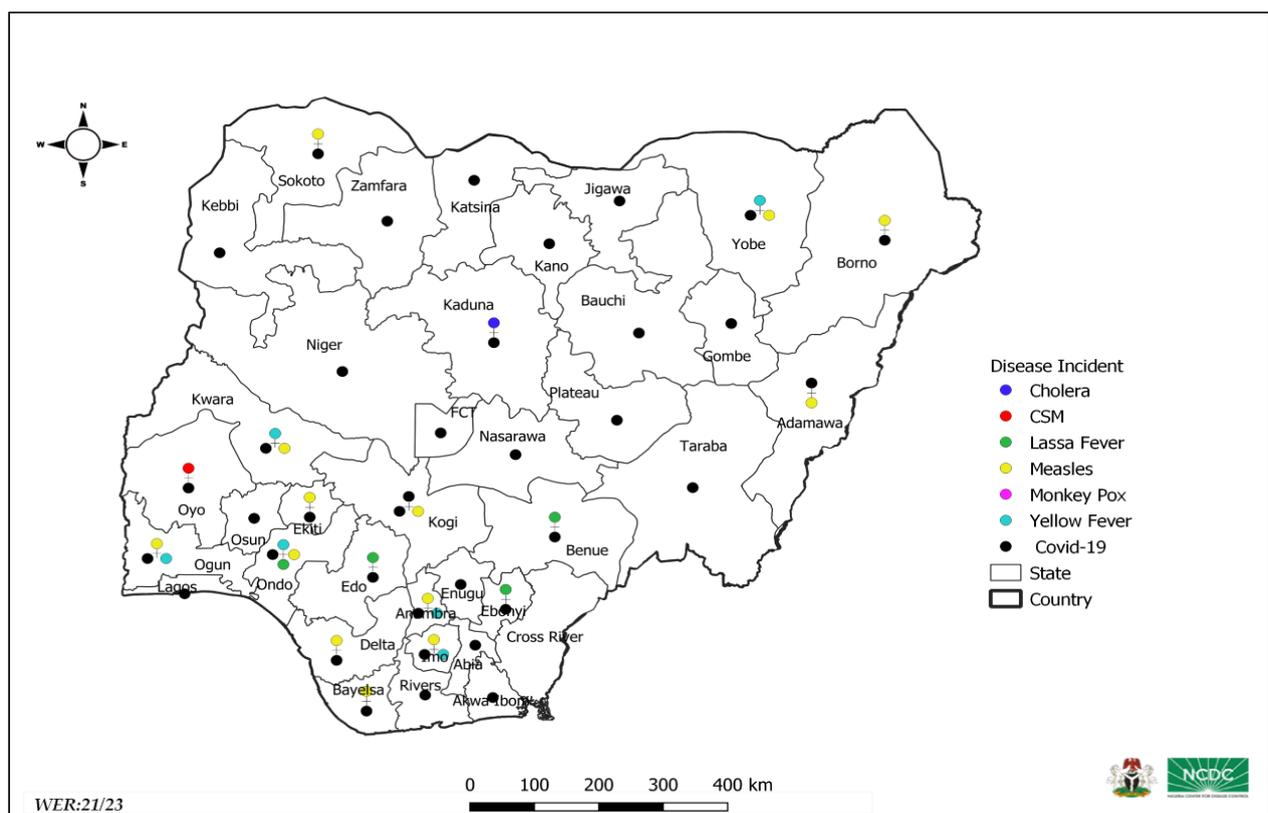
Summary of Incidents

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



Summary

Week 21: 18th – 24th May 2020 (Coronavirus Disease as at June 7th, 2020)

Lassa Fever ^{1,2}	Cerebrospinal Meningitis (CSM) ^{3,4}	Yellow Fever ^{3,4}
80 Suspected case(s)	1 Suspected case(s)	10 Suspected case(s)
9 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
2 Death(s)	0 Death(s)	0 Death(s)
Cholera ^{3,4}	Measles ^{3,4}	Monkeypox ^{1,4}
1 Suspected case(s)	94 Suspected case(s)	0 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
0 Death(s)	0 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) ^{3,4}	National Sentinel influenza surveillance ⁵	Coronavirus Disease (As at week 23)
66 Suspected case(s)	0 Suspected case(s)	78244 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	12486 Confirmed case(s)
		354 Death(s)

Timeliness of reports ³	Completeness of reports ³
87.2% Last 4 weeks	90.6% Last 4 weeks
88.3% Year to date	95.8% 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 21

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
80	9	2	State: 10 LGA: 37

Year to date (week 1 – 21)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
2582	4841	578	1015	129	197	22.3%	19.4%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 21, 2020

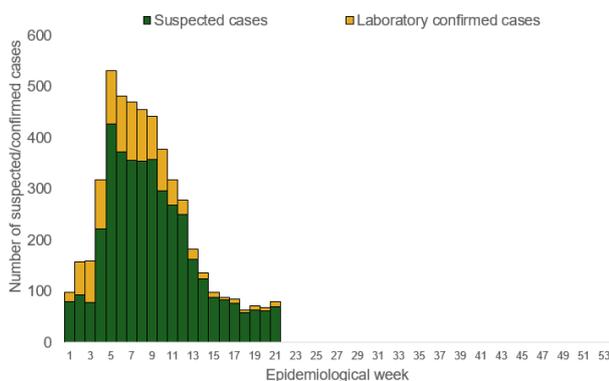
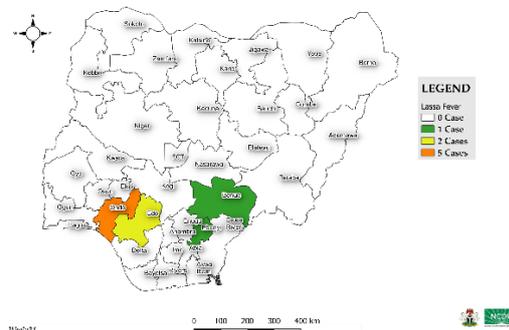


Figure 2: Location of **confirmed** cases of Lassa Fever by state, Nigeria, week 21, 2020



Key points

- There were 80 suspected cases, nine confirmed cases and two deaths were recorded from 37 LGAs in ten states
- One new healthcare worker was affected in the reporting week

Actions

To date:

- National Lassa fever (LF) multi-partner, multi-sectoral Technical Working Group (TWG) continues to coordinate the response activities at all levels
- State Public Health Emergency Operations Centre activated in affected States
- Developed Incident Action Plan to guide response activities

Planned:

- Resource mobilisation
- IPC training for healthcare workers
- Finalisation of the LF five-year *strategic plan*

Cerebrospinal Meningitis (CSM)

Week 21

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

Year to date (week 1 – 21)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1299	450	96	11	65	8	5%	1.8%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 21, 2020

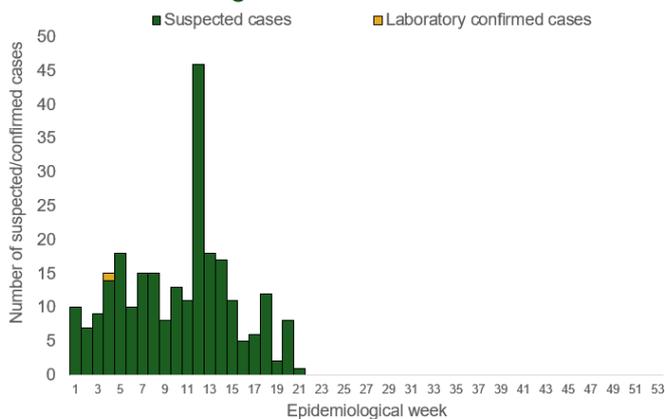
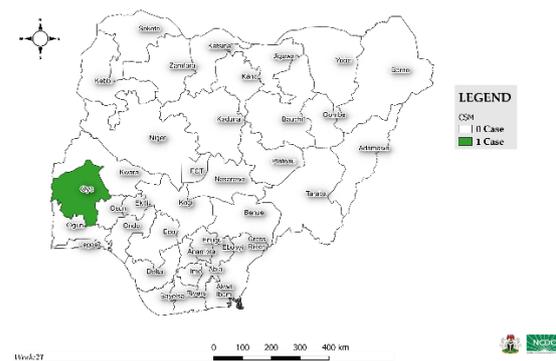


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 21, 2020



Key points

There was one suspected case of Cerebrospinal Meningitis (CSM) reported from one LGA in Oyo state. 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 21

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
10	0	0	State: 6 LGA: 7

Year to date (week 1 – 21)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1109	990	15	12	2	0	0.2%	0%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 21, 2020

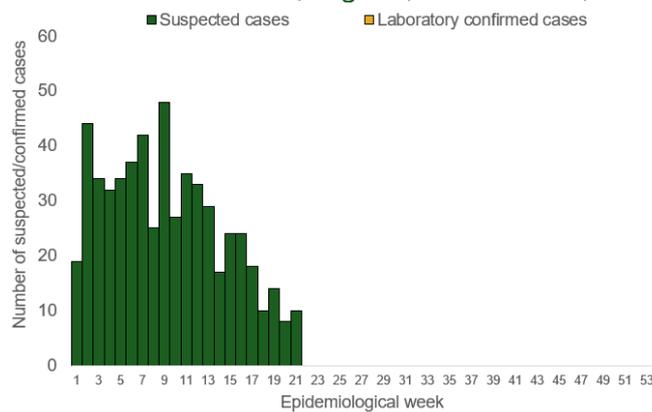
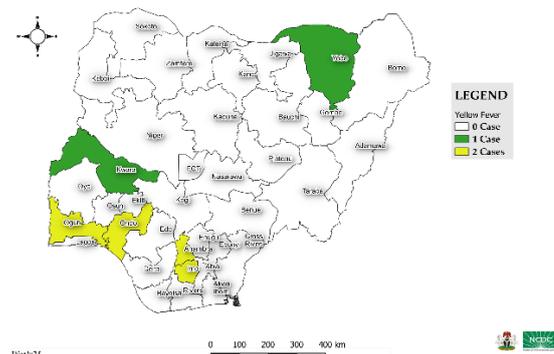


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 21, 2020



Key points

- There were ten 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 21

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

Year to date (week 1 – 21)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
765	956	8	46	28	55	3.7%	5.8%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 21, 2020

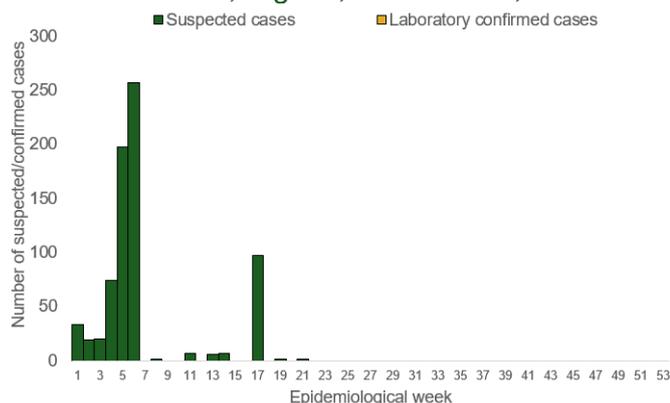
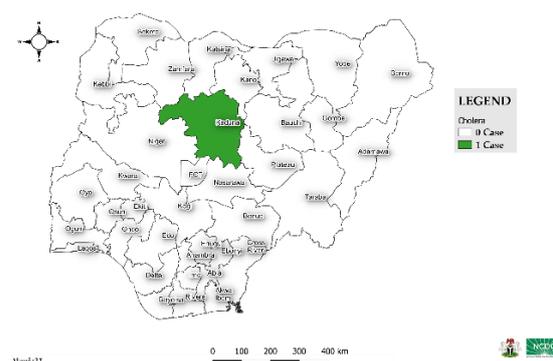


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 21, 2020



Key points

- There was one case of cholera reported in one LGA in Kaduna state. 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 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 21

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
94	0	0	State: 13 LGA: 39

Year to date (week 1 – 21)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
32264	15917	1492	1629	97	71	0.3%	0.6%

Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 21, 2020

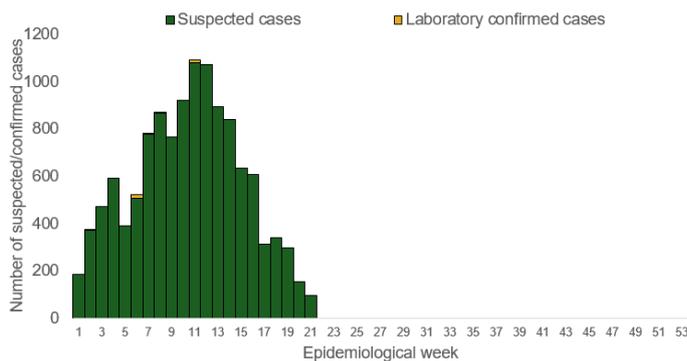
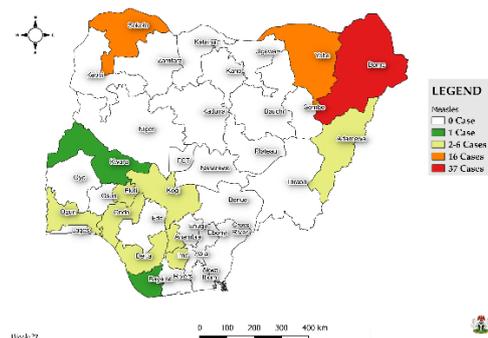


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 21, 2020



Key points

- There were 94 suspected cases of measles reported from 39 LGAs in 13 states. None was laboratory confirmed and no 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 21

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

Year to date (week 1 – 21)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
49	14	25	3	0	0	0%	0%

Figure 11: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1 – 21, 2020

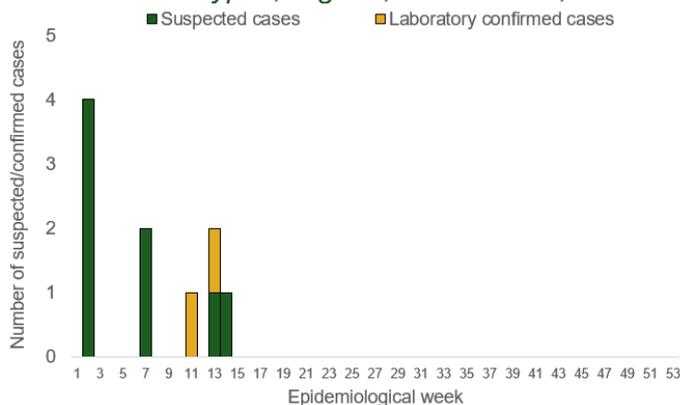
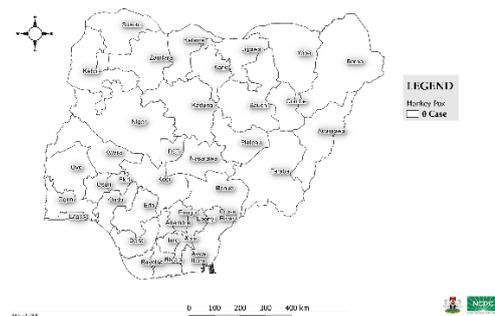


Figure 12: Location of suspected cases of Monkeypox by State, Nigeria, week 21, 2020



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

Coronavirus Disease

As at week 23

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
78244	12486	354	State: 35 + FCT LGA:

Figure 15: Number of suspected and confirmed cases of COVID-19, Nigeria, week 1 – 23, 2020

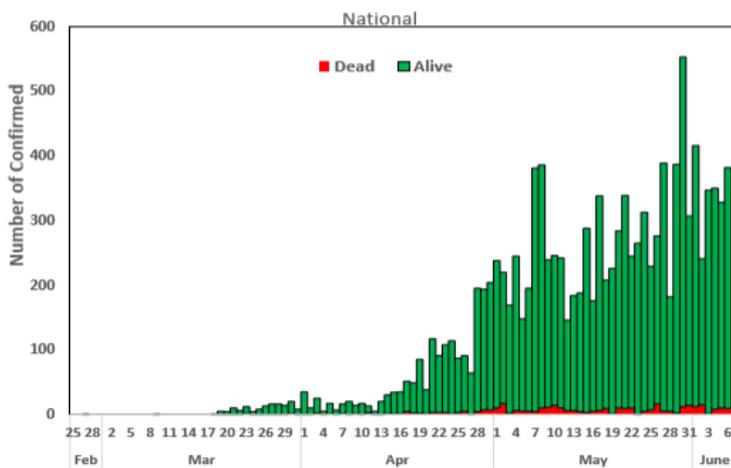
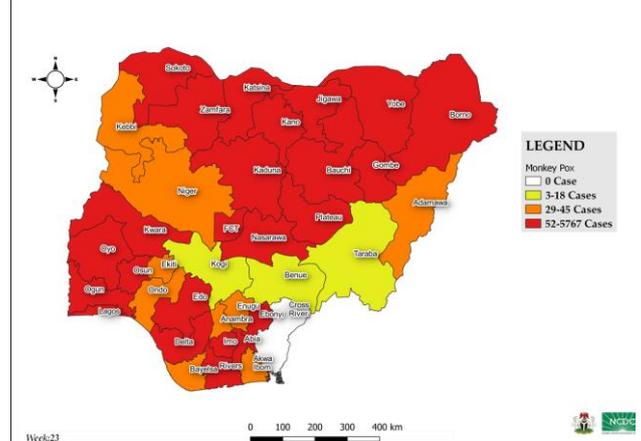


Figure 16: Location of suspected cases of COVID-19 by State, Nigeria, week 23, 2020



Actions

To date:

- National COVID-19 multi-partner Emergency Operations Centre (EOC) continues to coordinate response activities across states
- Shared strategies to improve sample collection with states
- Accredited and activated thirty (30) testing laboratories across Nigeria so far
- Continue to receive and quarantine returnees from other countries
- Printed and distributed the mandatory institutional quarantine guideline and NCDC CARE kit for the returnees and evacuees
- National Rapid Response Team continues to support affected states
- Conducted training on risk communication and virtual reporting training for media practitioners across the country
- Ongoing deployment of commodities to support affected states based on needs.
- 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

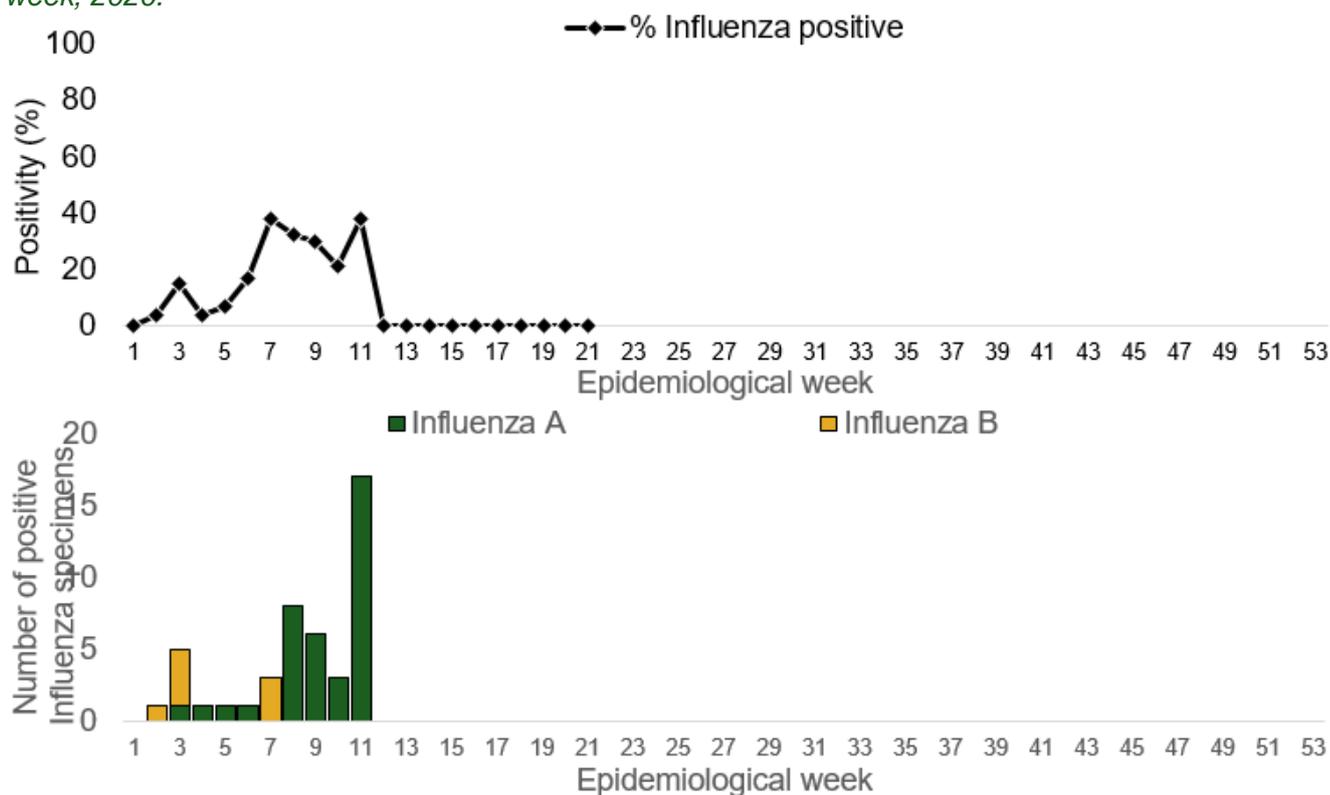
National Influenza Sentinel Surveillance

Year to date (week 1 – 21)

	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 (18 – 21, 2020)

Figure 16: A – Timeliness by State (%); B – Completeness by State (%), weeks 18 - 21, 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 18 – 21	Year to date Week 1 – 21
Reports sent on time	129	686
Reports sent late	5	58
Reports not received	14	33
Timeliness	87.2%	88.3%
Completeness	90.6%	95.8%

States with reports not received in 2020 (week 1 – 21)

State	Week(s) report not received
Adamawa	13, 14, 15, 16, 17, 18 & 19
Bauchi	20 & 21
Benue	21
Jigawa	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19, 20 & 21
Kano	15, 16, 17, 18, 19 & 20
Katsina	21

Timeliness and Completeness of Reports by State

Year to date (week 1 – 21)

State	Timeliness (%)	Completeness (%)
Abia	95	100
Adamawa	24	62
Akwa Ibom	95	100
Anambra	95	100
Bauchi	62	90
Bayelsa	100	100
Benue	57	95
Borno	95	100
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	29
Kaduna	86	100
Kano	67	71
Katsina	81	95
Kebbi	100	100
Kogi	100	100
Kwara	95	100
Lagos	90	100
Nasarawa	100	100
Niger	100	100
Ogun	90	100
Ondo	81	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