



Nigeria Centre for Disease Control

Protecting the health of Nigerians

Weekly Epidemiological Report

Week 18: 27th April – 3rd May 2020

Highlight of the Week

Fostering public understanding: NCDC and states' roles in COVID-19 testing and management pathways in Nigeria



The Nigeria Centre for Disease Control (NCDC) is an agency of the Federal Ministry of Health with the mandate to protect the health of Nigerians against deadly epidemic prone diseases (EPDs) and other public health threats. In line with this, the NCDC has been leading the public health response to the ongoing the coronavirus disease (COVID-19) outbreak in Nigeria. This is in addition to the concurrent response to other EPDs such as measles, cerebrospinal meningitis, monkeypox, cholera and viral haemorrhagic fevers such as Lassa fever etc.

Given the novelty of this virus and continuous evolving knowledge about it, we are continuously faced with questions on delineation of roles of the NCDC and states in the COVID-19 response particularly on diagnostics and case management pathways. Questions like ***Who leads the response at the state level? Who is responsible for setting up testing centre(s) in states? Whose responsibility is it to establish and accredit testing laboratories? How does NCDC collate and publish national results? Does NCDC build and manage quarantine and isolation centres? etc.***

To address these public concerns, we highlight critical roles of the NCDC and states vis a vis the afore-mentioned pathways of response. These are:

1. The states lead COVID-19 response in their respective states while the NCDC's rapid response team (RRT) continue to work closely with them by providing all necessary guidelines, technical and logistics support.
2. It is the responsibility of the state RRT to collect samples from all suspected cases that meet the case definition criteria. ***The NCDC on the other hand continues to provide guidelines and protocols on this.***
3. Sample collection centres are owned by the states. However, ***the NCDC supports in some instances, the transportation of samples to the COVID-19 testing centres, especially for states without laboratories.***
4. ***The NCDC provides guidance on how laboratory should be set up and operationalised.*** Currently, of the 26 accredited and activated laboratories by the NCDC, a total of 25 laboratories are being run by the states and Federal institutions where they are domiciled. Therefore, it is the responsibility of the accredited laboratories to test all samples in line with the laid down guidelines. ***The NCDC only owns the National Reference Laboratory, Gaduwa, Abuja and the Central Public Health Laboratory, Yaba, Lagos.***
5. On a daily basis, ***NCDC collates and publishes*** all results as shared by the testing laboratories from reporting states. Currently, NCDC is working closely with states, using Surveillance Outbreak Response Management Analysis System (SORMAS) to provide real-time reporting of laboratory results and cases.
6. The ***NCDC does not build quarantine or treatment centres.*** This is the responsibility of the State Government or relevant teaching hospitals. ***However, the NCDC provides guidance on the construction of standard isolation centres and continues to provide national case management guidelines (including discharge protocol) as well as training of case managers, in line with the global best practices for COVID-19.***

These are a few of the critical roles of the NCDC and states regarding diagnostics and case management, in the national response to COVID-19. We commend the leadership and efforts of states in the fight against the virus and urge for more efforts in the area of resource mobilisation, for all aspects of the response. The public are also encouraged to contact their state helplines for more information on state specific services such as the location of sample collection centres. The NCDC remains committed to supporting states to strengthen their health security.

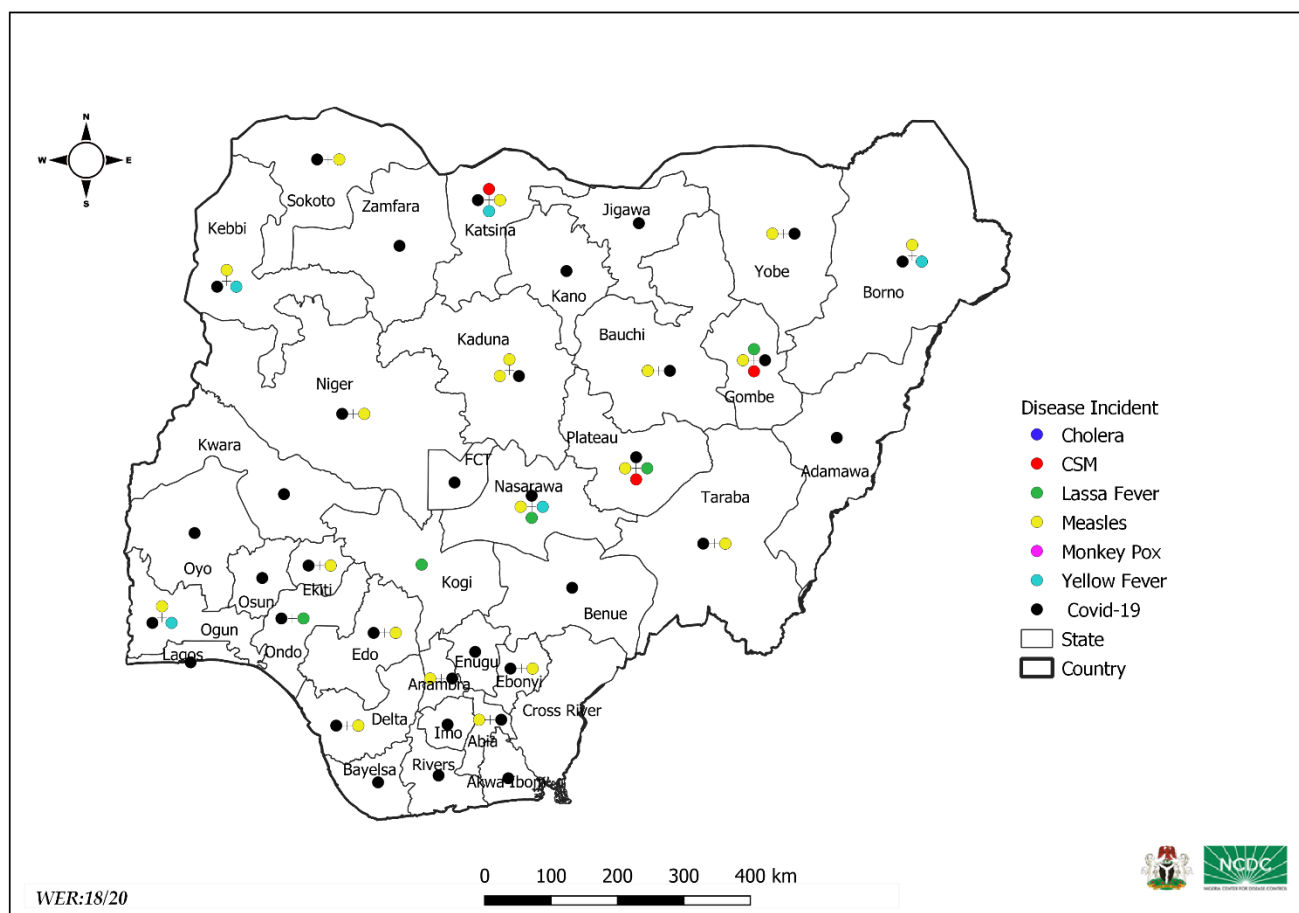
Summary of Incidents

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 18: 27th April – 3rd May 2020 (COVID-19 as at May 2020)

Lassa Fever _{1,2}	Cerebrospinal Meningitis (CSM) _{3,4}	Yellow Fever _{3,4}
64 Suspected case(s)	12 Suspected case(s)	10 Suspected case(s)
5 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}
0 Suspected case(s)	338 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	COVID19 (As at week 15)
57 Suspected case(s)	0 Suspected case(s)	35098 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	5959 Confirmed case(s)
		182 Death(s)

Timeliness of reports ₃	Completeness of reports ₃
87.9% Last 4 weeks	90.6% Last 4 weeks
88.4% Year to date	96.2% Year to date

Notes

- 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 18

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
64	5	2	State: 15 + FCT LGA: 37

Year to date (week 1 – 18)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
2374	4622	565	991	128	191	22.7%	19.3%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 18, 2020

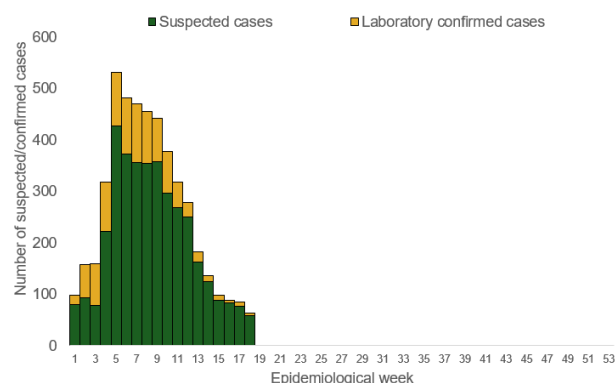
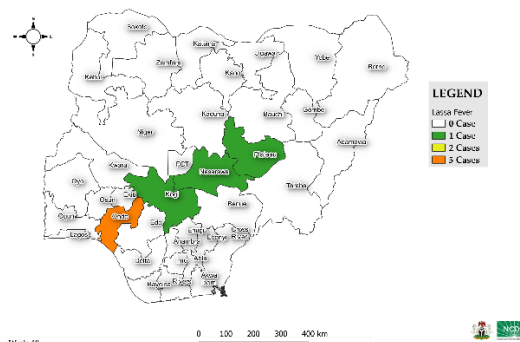


Figure 2: Location of **confirmed** cases of Lassa Fever by state, Nigeria, week 18, 2020



Key points

- There were 64 suspected cases, five confirmed cases and two deaths were recorded from 37 LGAs in 15 states

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
- High level advocacy visit by the Honourable Minister of Health and DG of NCDC to Kano State
- Implementation of Lassa fever *environmental response campaign* in high burden states by the Federal Ministry of Environment

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 18

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
12	0	0	State: 4 LGA: 6

Year to date (week 1 – 18)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1415	245	118	0	92	3	6.5%	1.2%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 18, 2020

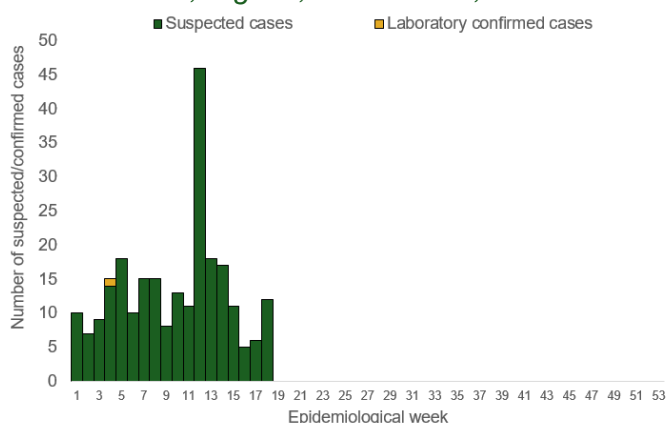
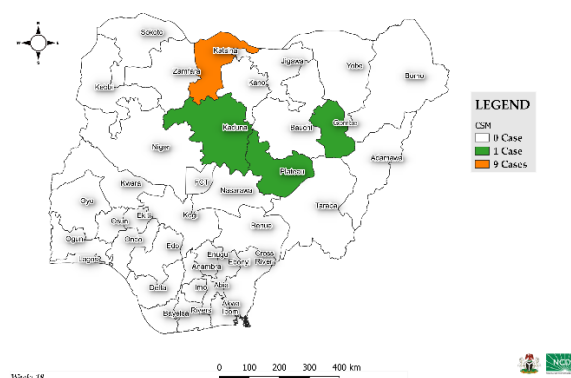


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 18, 2020



Key points

There were 12 suspected cases of Cerebrospinal Meningitis (CSM) reported from six LGAs in four states (Gombe – 1, Kaduna – 1, Katsina – 9 & Plateau – 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 18

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
10	0	0	State: 8 LGA: 9

Year to date (week 1 – 18)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
930	747	12	6	2	0	0.2%	0%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 18, 2020

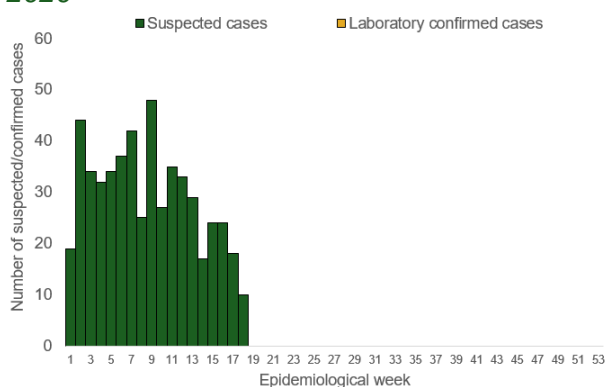
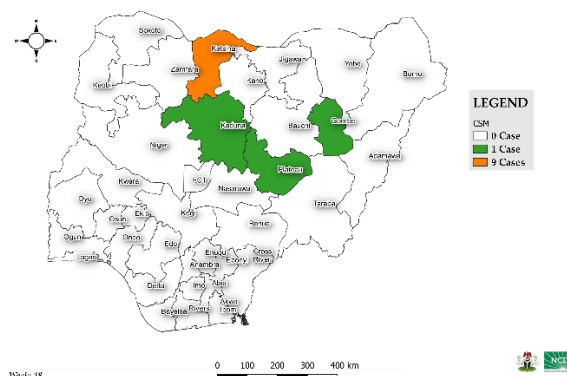


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 18, 2020



Key points

- There were 10 suspected cases of Yellow Fever (YF) reported from nine LGAs in eight 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 18

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

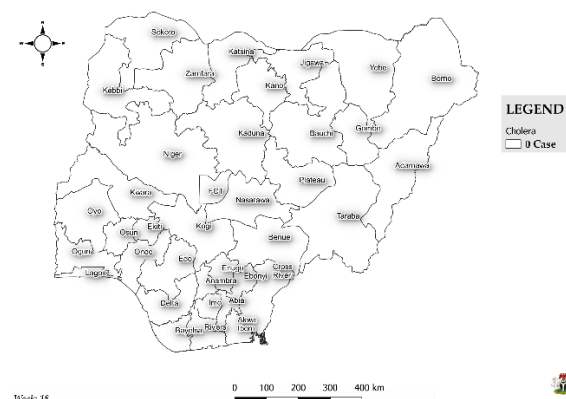
Year to date (week 1 – 18)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
944	846	11	0	31	45	3.3%	5.3%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 18, 2020



Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 18, 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 18

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
338	0	0	State: 17 LGA: 86

Year to date (week 1 – 18)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
26704	12831	819	636	93	52	0.3%	0.41%

Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 18, 2020

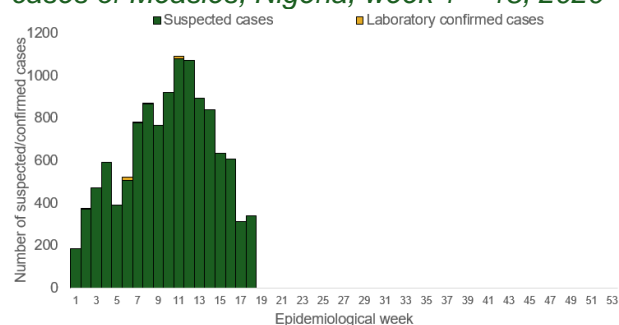
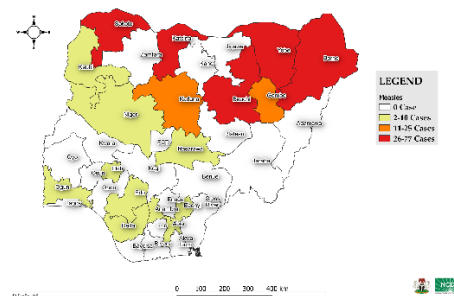


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 18, 2020



Key points

- There were 338 suspected cases of Measles reported from 86 LGAs in 17 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:

- 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 18

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

Year to date (week 1 – 18)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
40	14	23	3	0	0	0%	0%

Figure 11: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1 – 17, 2020

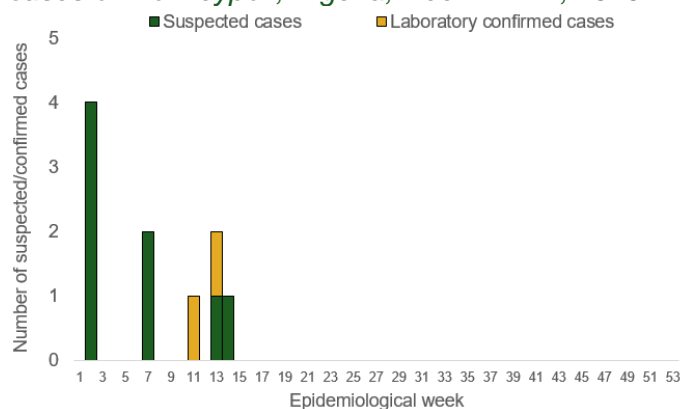
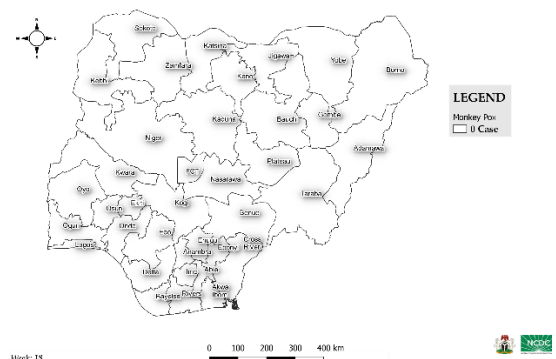


Figure 12: Location of suspected cases of Monkeypox by State, Nigeria, week 17, 2020



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 18

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
57	0	0	State: 23 + FCT LGA: 51

Year to date (week 1 – 18)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
2431	1357	0	0	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, week 1 – 18, 2020

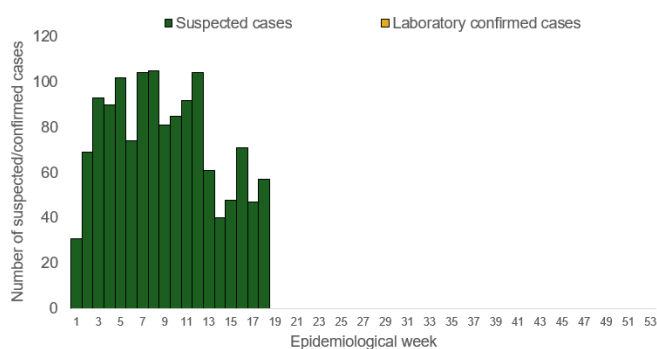
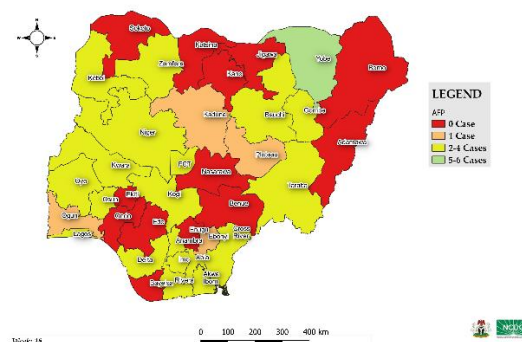


Figure 14: Location of suspected cases of AFP by State, Nigeria, week 18, 2020



Key points

- There were 57 suspected cases of AFP reported from 51 LGAs in 23 states and FCT. None was laboratory confirmed and no death was recorded

Coronavirus (COVID-19)

As at week 20

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
35098	5959	182	State: 34 + FCT LGA:

Year to date (week 1 – 20)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
0	35098	0	5959	0	182	0	3.1%

Figure 15: Number of suspected and confirmed cases of COVID-19, Nigeria, week 1 – 20, 2020

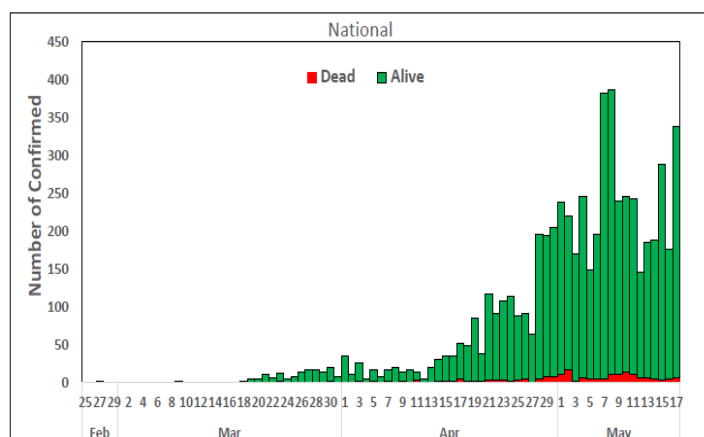
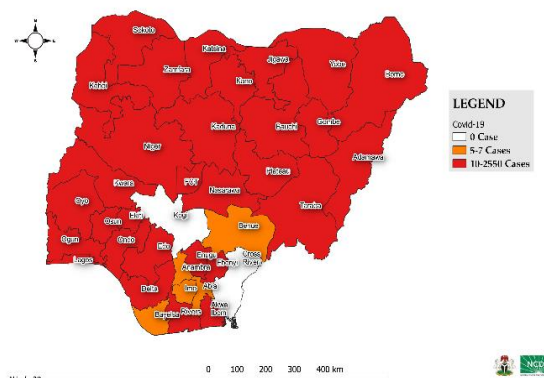


Figure 16: Location of suspected cases of COVID-19 by State, Nigeria, as at week 20, 2020



Actions

To date:

- National Emergency COVID-19 (LF) multi-partner, multi-sectoral Operations Centre (EOC) activated at level continues to coordinate response activities across states.
- Accredited and activated twenty-six (26) testing laboratories across Nigeria so far
- Trained 3rd batch Health Care Workers (HCWs) in Kano state
- 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.
- Developed Home care interim guideline for COVID-19 patients

Planned:

- Continue mobilisation of resources
- Operationalisation of next strategic directions following the COVID-19 National Outbreak Response Mid-action review meeting
- Continue to establish surge capacities across all response pillars

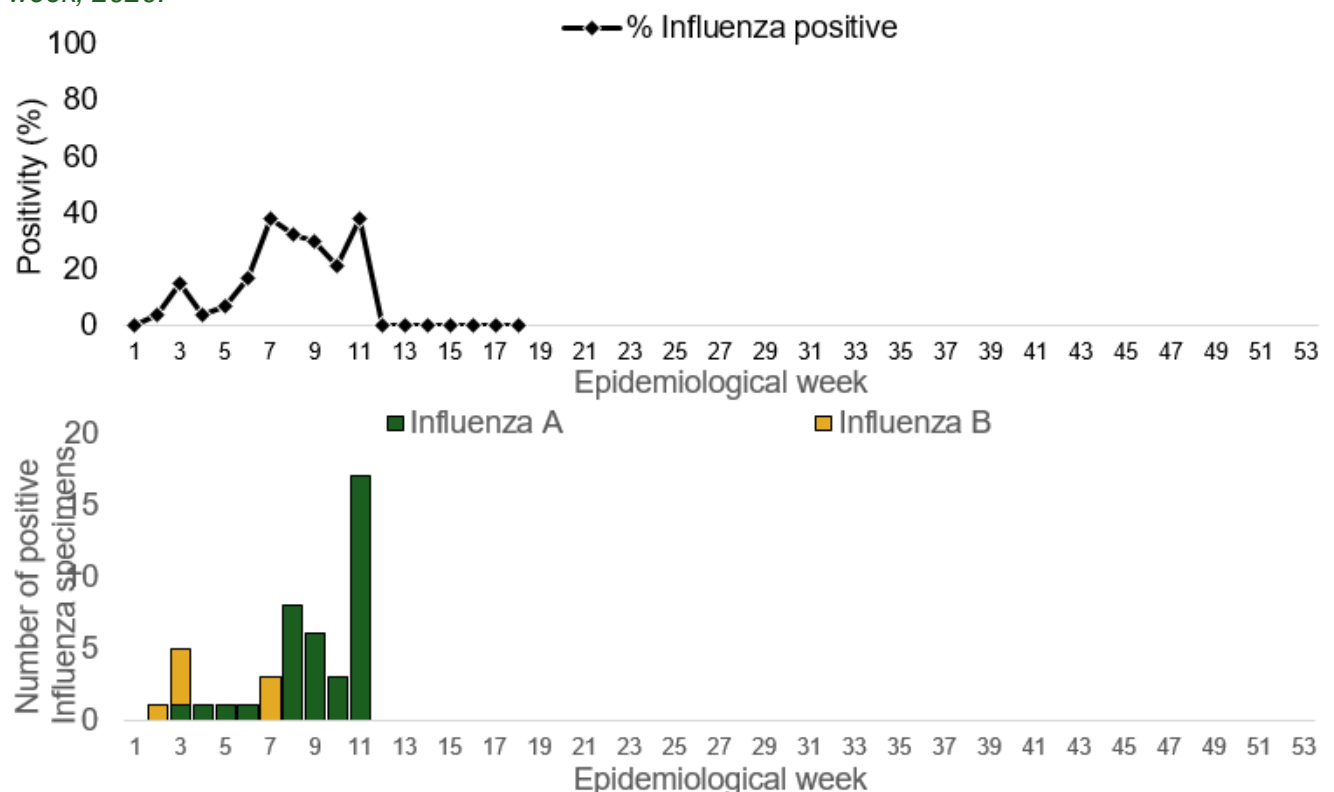
National Influenza Sentinel Surveillance

Year to date (week 1 – 18)

	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 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 10 with 40%.

Timeliness and Completeness of Reports

Last 4 weeks (15 – 18, 2020)

Figure 16: A – Timeliness by State (%); B – Completeness by State (%), weeks 15 - 18, 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 15 – 18	Year to date Week 1 – 18
Reports sent on time	130	589
Reports sent late	4	52
Reports not received	14	25
Timeliness	87.9%	88.4%
Completeness	90.6%	96.2%

States with reports not received in 2020 (week 1 – 18)

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

Timeliness and Completeness of Reports by State

Year to date (week 1 – 18)

State	Timeliness (%)	Completeness (%)
Abia	94	100
Adamawa	22	67
Akwa Ibom	94	100
Anambra	94	100
Bauchi	67	100
Bayelsa	100	100
Benue	56	89
Borno	100	100
Cross River	89	100
Delta	100	100
Ebonyi	94	100
Edo	100	100
Ekiti	100	100
Enugu	100	100
FCT	100	100
Gombe	89	100
Imo	100	100
Jigawa	11	33
Kaduna	83	100
Kano	72	78
Katsina	89	100
Kebbi	100	100
Kogi	100	100
Kwara	94	100
Lagos	89	100
Nasarawa	100	100
Niger	100	100
Ogun	89	100
Ondo	83	94
Osun	89	100
Oyo	94	100
Plateau	100	100
Rivers	100	100
Sokoto	94	100
Taraba	89	100
Yobe	100	100
Zamfara	94	100