



**Nigeria Centre for Disease Control**  
*Protecting the health of Nigerians*

## **Weekly Epidemiological Report**

### **Week 14: 30<sup>th</sup> March – 5<sup>th</sup> April 2020**

#### **Highlight of the Week**

##### **COVID-19 Response in Nigeria: Importance of the Lockdown strategy**



In the wake of the coronavirus disease (COVID-19) pandemic, globally, countries have continued to employ diverse strategies in the control of the virus. These strategies are aimed at preventing, detecting, controlling and mitigating the impact of the pandemic. While these initiatives have proven to have differential effectiveness, one approach that has been adopted by several countries is the lockdown strategy. This is a “stay at home measure” to slow the spread of virus.

On the 30<sup>th</sup> March 2020, the President of the Federal Republic of Nigeria, President Muhammadu Buhari issued a lockdown of non-essential activities in Lagos State, the FCT and Ogun State for an initial period of 14 days. Lagos is currently the epicentre of the disease in Nigeria; the FCT has the second highest number of cases; and Ogun has proximity to Lagos State.

At the end of the initial period, the lockdown was further extended for two-weeks effective from the 13<sup>th</sup> of April 2020. The lockdown has had socio-economic impacts and disrupted daily routine activities of many Nigerians as in several other countries.

While there are several questions on when the country will exit the lockdown phase, it is also critical to highlight the window of opportunities that the lockdown presents towards controlling the spread of the disease. These include:

1. Enabling prompt detection and treatment of cases
2. Limiting transmission in areas where cases have been reported
3. Limiting the spread of new cases to other geographical areas
4. Enhancing contact tracing activities and efficient use of resources
5. Improving sample collection

As we continue in these efforts, we urge Nigerians to also take responsibility by complying with measures instituted and recommended by the Federal Government of Nigeria. Our ability to overcome the current pandemic depends largely on our collective efforts and will determine how soon we are able to resume social and economic activities in the country.

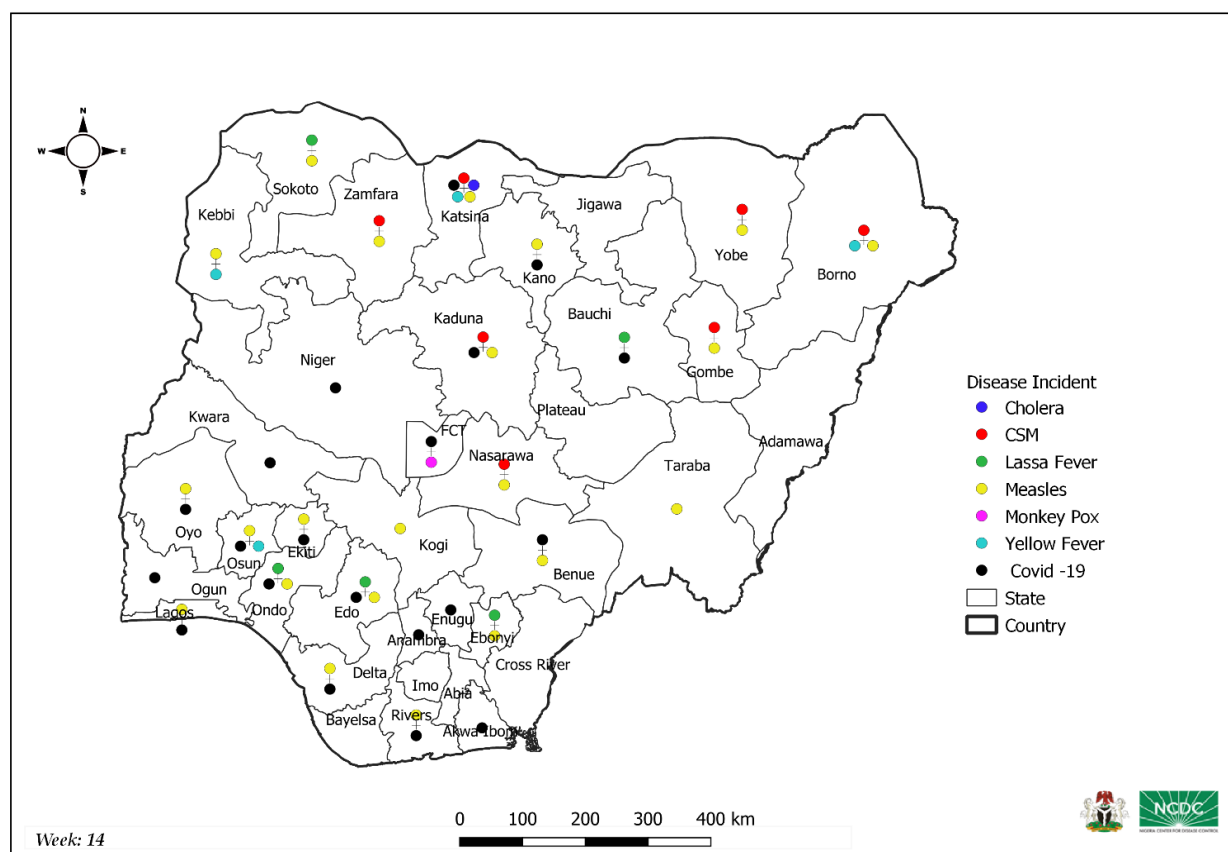
## Summary of Incidents

### 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



Data Source: SITAware

## Summary

**Week 14: 30<sup>th</sup> March – 5<sup>th</sup> April 2020 (Week 16: 13<sup>th</sup> – 19<sup>th</sup> April for COVID-19)**

<b>Lassa Fever<sub>1,2</sub></b>	<b>Cerebrospinal Meningitis (CSM)<sub>3,4</sub></b>	<b>Yellow Fever<sub>3,4</sub></b>
136 Suspected case(s)	17 Suspected case(s)	17 Suspected case(s)
12 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
3 Death(s)	0 Death(s)	0 Death(s)
<b>Cholera<sub>3,4</sub></b>	<b>Measles<sub>3,4</sub></b>	<b>Monkeypox<sub>1,4</sub></b>
7 Suspected case(s)	837 Suspected case(s)	1 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
0 Death(s)	15 Death(s)	0 Death(s)
<b>Acute Flaccid Paralysis (AFP)<sub>3,4</sub></b>	<b>National Sentinel influenza surveillance<sub>5</sub></b>	<b>COVID19 (Week 16)</b>
40 Suspected case(s)	0 Suspected case(s)	8003 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	627 Confirmed case(s)
		21 Death(s)

<b>Timeliness of reports<sub>3</sub></b>	<b>Completeness of reports<sub>3</sub></b>
87.2% Last 4 weeks	94.6% Last 4 weeks
88.6% Year to date	97.5% 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 14

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
136	12	3	State: 14 + FCT LGA: 24

### Year to date (week 1 – 14)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
2369	4626	537	963	122	188	22.7%	19.5%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 14, 2020

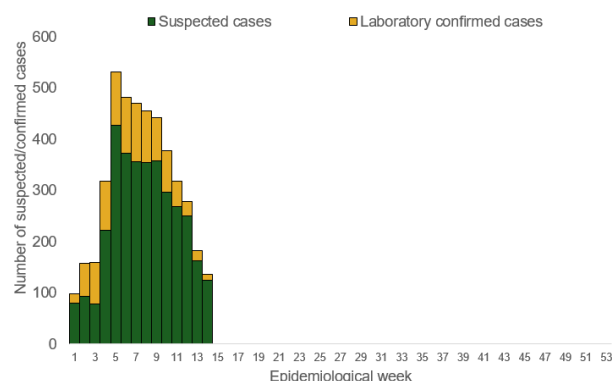
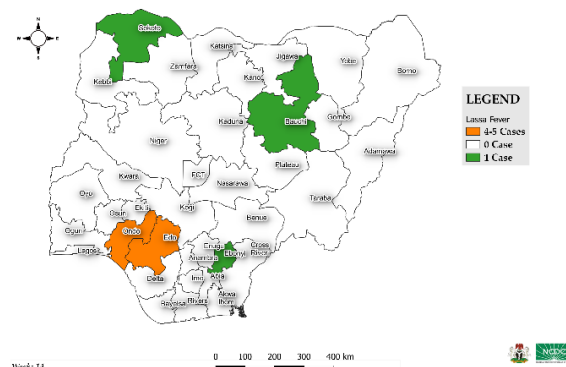


Figure 2: Location of **confirmed** cases of Lassa Fever by state, Nigeria, week 14, 2020



## Key points

- There were 136 suspected cases, 12 confirmed cases and three deaths recorded from 24 LGAs in 14 states and FCT

## Actions

### To date:

- National Emergency Operations Centre (EOC) has been activated to coordinate response activities across states
- Public Health Emergency Operations Centre activated in affected states
- National Rapid Response Teams (RRT) deployed to ten states
- Surge staff (Doctors, Nurses, Laboratorians and Hygienist) have been deployed to Irrua Specialist Teaching Hospital (ISTH) and Federal Medical Centre (FMC) Owo
- The five molecular laboratories for Lassa fever testing in the NCDC network are working fully thereby contributing to reduced turnaround time
- The NCDC is working closely with states to identify one treatment centre per state, while supporting existing ones required commodities
- Scaled up risk communications and community engagement activities across states using television, radio, print, social media and other strategies

- Implementation of *Lassa fever environmental response campaign* in high burden states by Federal Ministry of Environment

## Cerebrospinal Meningitis (CSM)

### Week 14

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
17	0	0	State: 8 LGA: 11

### Year to date (week 1 – 14)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1135	211	105	0	83	3	7.3%	1.4%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 14, 2020

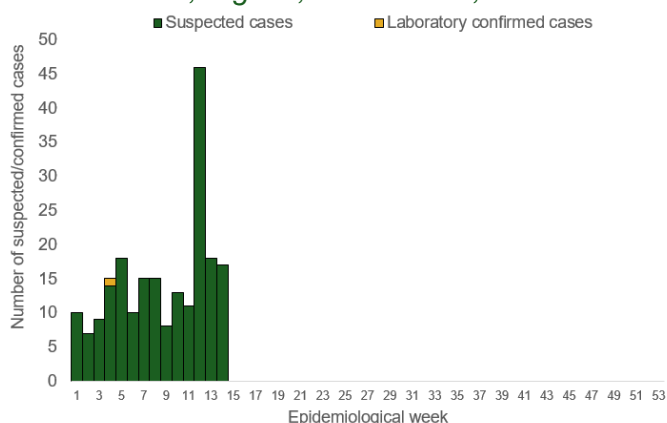
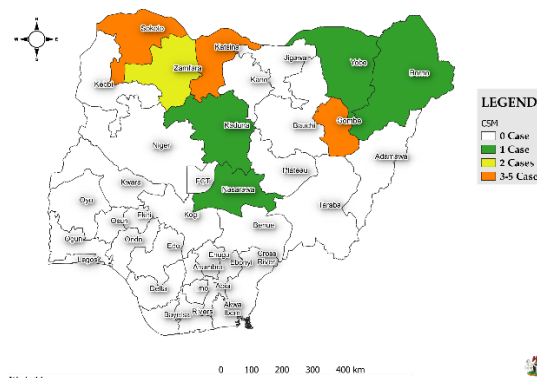


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 14, 2020



## Key points

There were 17 suspected cases of Cerebrospinal Meningitis (CSM) reported from 11 LGAs in eight states (Borno – 1, Gombe – 3, Kaduna – 1, Katsina – 3, Nasarawa – 1, Sokoto – 5, Yobe – 1 & Zamfara - 2). 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 14

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
17	0	0	State: 4 LGA: 13

### Year to date (week 1 – 14)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
726	671	9	6	1	0	0.1%	0%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 14, 2020

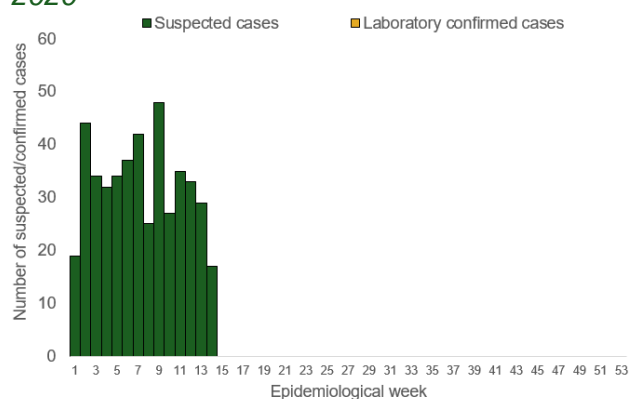
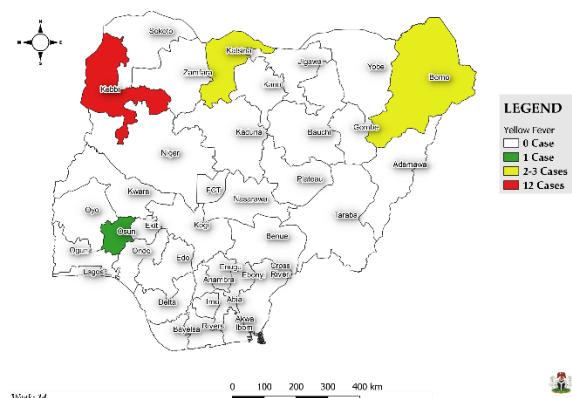


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 14, 2020



### Key points

- There were 17 suspected cases of Yellow Fever (YF) reported from 13 LGAs in four 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 14

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

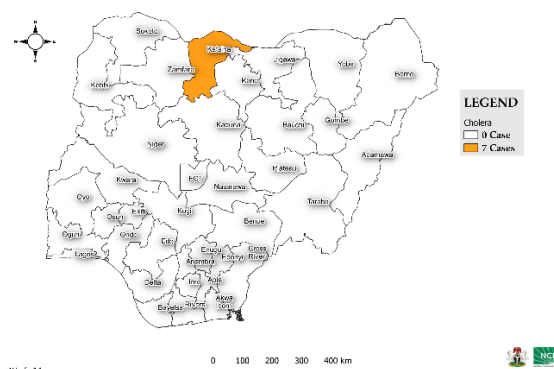
### Year to date (week 1 – 14)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
550	749	6	0	26	31	4.7%	4.1%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 14, 2020



Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 14, 2020



### Key points

- There were seven suspected cases of cholera reported in Katsina LGA of Katsina state this week. None was laboratory confirmed and no death was recorded

### Actions

#### To date

- The 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 14

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
837	0	15	State: 22 LGA: 123

### Year to date (week 1 – 14)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
18335	10942	535	636	39	44	0.2%	0.4%

Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 14, 2020

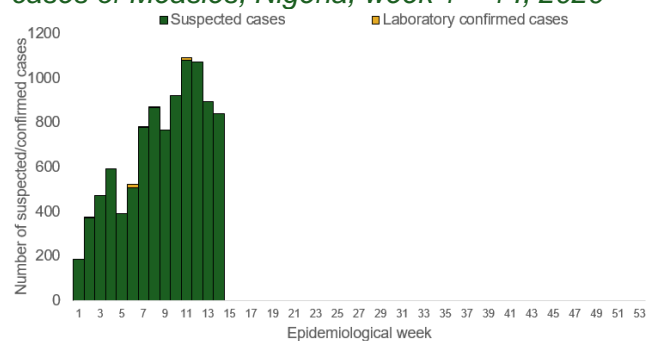
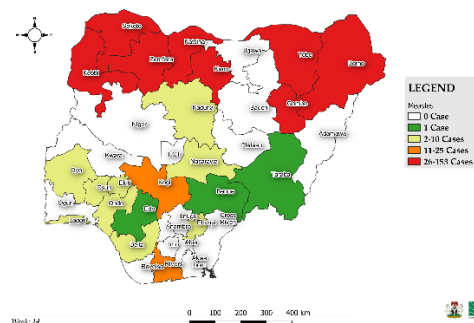


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 14, 2020



### Key points

- There were 837 suspected cases of Measles reported from 123 LGAs in 22 states. None was laboratory confirmed and 15 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 14

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

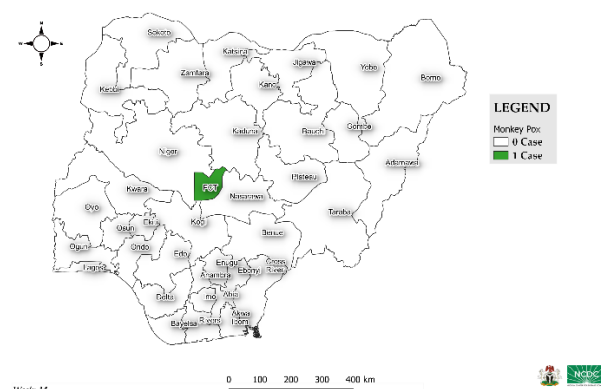
## Year to date (week 1 – 14)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
15	14	9	0	0	0	0%	0%

Figure 11: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1 – 14, 2020



Figure12: Location of suspected cases of Monkeypox by State, Nigeria, week 14, 2020



## Key points

- There was one suspected case of Monkeypox reported in Kuje LGA of FCT. It was not laboratory confirmed and no death was recorded

## 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 14

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
40	0	0	State: 22 + FCT LGA: 39

### Year to date (week 1 – 14)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1792	1134	0	0	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, week 1 – 14, 2020

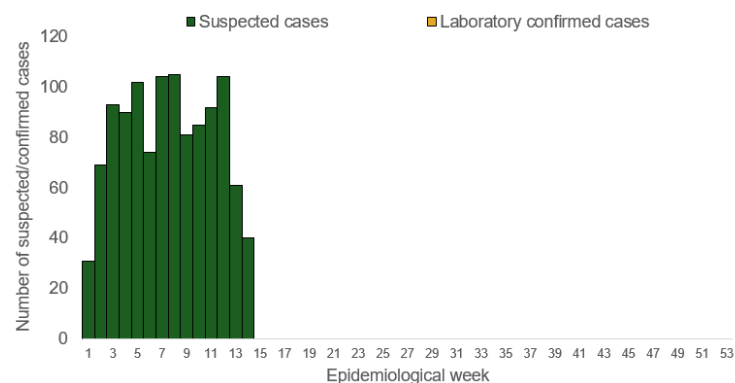
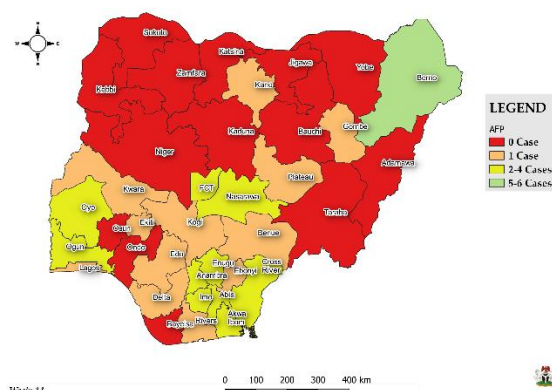


Figure 14: Location of suspected cases of AFP by State, Nigeria, week 14, 2020



### Key points

- There were 40 suspected cases of AFP reported from 39 LGAs in 22 states and FCT. None was laboratory confirmed and no death was recorded

## Coronavirus (COVID-19)

### Week 16

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
8003	627	21	State: 21+FCT LGA:

### Year to date (week 1 – 16)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
0	8003	0	627	0	21	0	3%

Figure 15: Number of confirmed cases of COVID-19, Nigeria, week 1 – 16, 2020

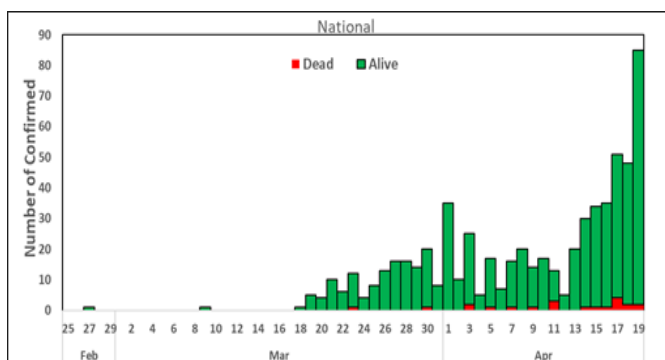
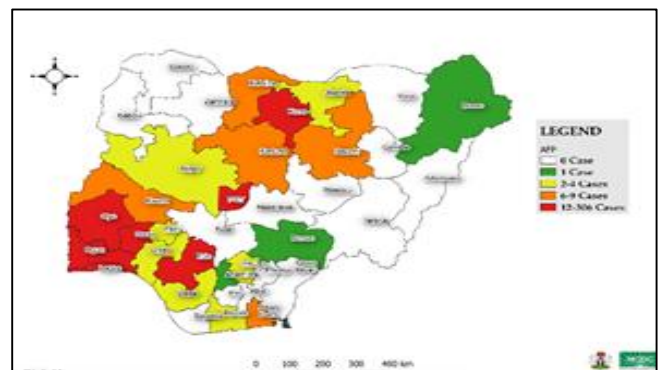


Figure 16: Location of suspected cases of COVID-19 by State, Nigeria, week 16, 2020



## 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.
- *Support to unaffected states to strengthen their COVID-19 preparedness*
- National Rapid Response Team continues to support affected states
- Deployed Surveillance Outbreak Response Management and Analysis System (SORMAS) to states not using SORMAS but with COVID-19 cases
- COVID-19 testing strategy unveiled
- Deployed medical commodities to affected states

### Planned:

- Continue mobilisation of resources
- Continue to establish surge capacities across all response pillars

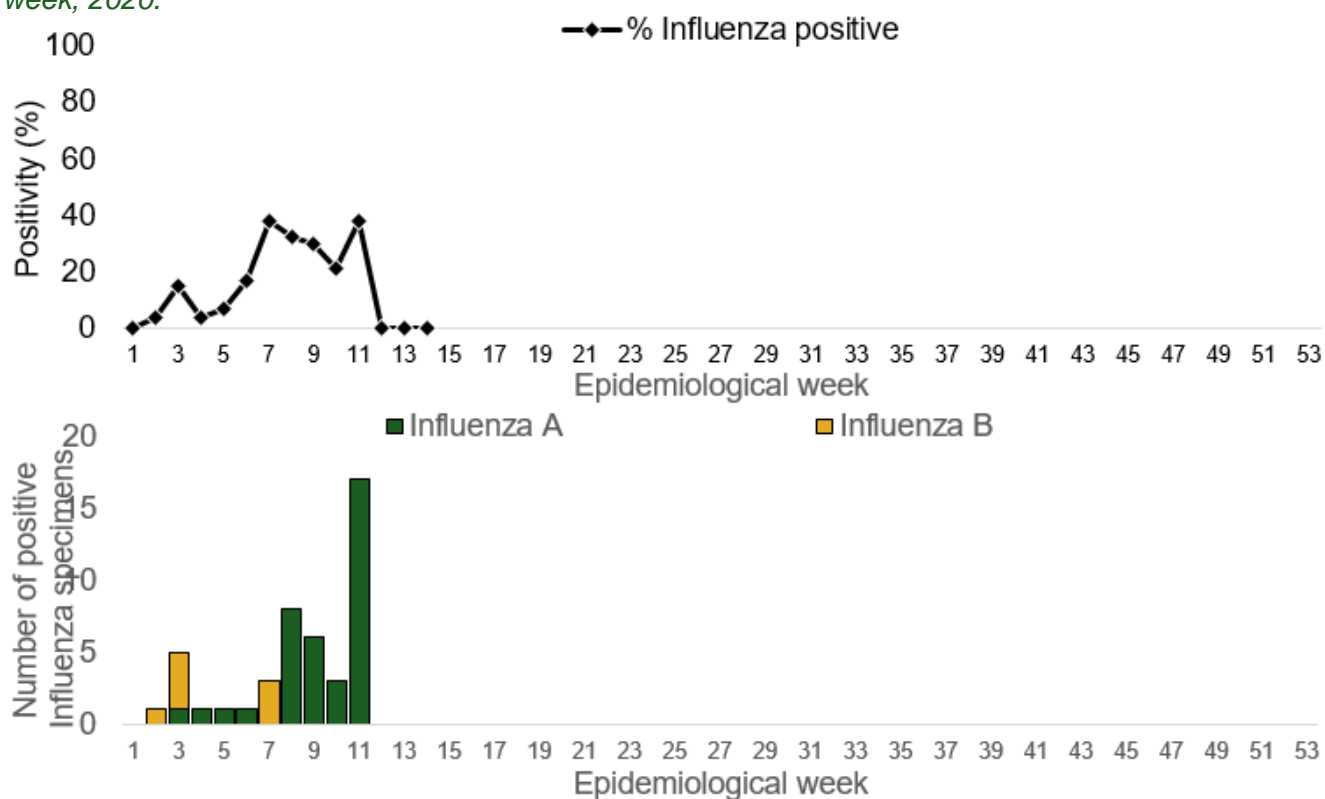
## National Influenza Sentinel Surveillance

Year to date (week 1 – 14)

	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.



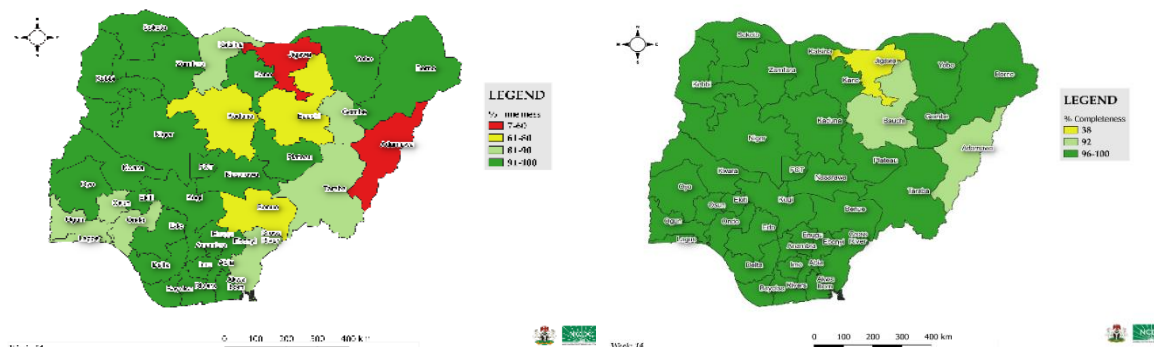
### Key points

- 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 (11 – 14, 2020)

Figure 16: A – Timeliness by State (%); B – Completeness by State (%), weeks 11 - 14, 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 11 – 14	Year to date Week 1 - 14
Reports sent on time	129	459
Reports sent late	11	46
Reports not received	8	13
Timeliness	87.2%	88.6%
Completeness	94.6%	97.5%

### States with reports not received in 2020 (week 1 – 14)

State	Week(s) report not received
Adamawa	13, 14
Bauchi	13, 14
Jigawa	6, 7, 8, 9, 10, 11, 12 & 13

## Timeliness and Completeness of Reports by State

Year to date (week 1 – 14)

State	Timeliness (%)	Completeness (%)
Abia	93	100
Adamawa	29	86
Akwa Ibom	93	100
Anambra	93	100
Bauchi	79	86
Bayelsa	100	100
Benue	64	100
Borno	100	100
Cross River	86	100
Delta	100	100
Ebonyi	93	100
Edo	100	100
Ekiti	100	100
Enugu	100	100
FCT	100	100
Gombe	86	100
Imo	100	100
Jigawa	7	36
Kaduna	79	100
Kano	93	100
Katsina	86	100
Kebbi	100	100
Kogi	100	100
Kwara	93	100
Lagos	86	100
Nasarawa	100	100
Niger	100	100
Ogun	86	100
Ondo	86	100
Osun	86	100
Oyo	93	100
Plateau	100	100
Rivers	100	100
Sokoto	93	100
Taraba	86	100
Yobe	100	100
Zamfara	93	100