



Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 11: 9th – 15th March 2020

Highlight of the Week

NCDC Initiates New Measures for Pandemic Control as COVID-19 Spreads to 12 States in Nigeria



With enhanced surveillance systems deployed across Nigeria, the Nigeria Centre for Disease Control (NCDC) continues in its effort to detect, respond and control the spread of the coronavirus disease (COVID-19) outbreak in Nigeria. As at 30th March, 2020, a total of 131 cases have been reported in Lagos (81), Ogun (3), Osun (2), Oyo (8), Ekiti (1), Edo (2), Rivers (1), Enugu (2), Benue (1), Bauchi (2), Kaduna (3) and the Federal Capital Territory (25). Till date, three (3) persons have been discharged and two deaths recorded in Nigeria.

The Federal Government of Nigeria through the Presidential Task Force on COVID-19 (PTF COVID-19) and the Federal Ministry of Health continue to work collaboratively to review national response strategies and institute measures to effectively curb the spread of the disease.

Furthermore, the NCDC-led national Emergency Operations Centre (EOC) continues to meet daily for coordination of national response activities with relevant Ministries, Department and Agencies (MDAs) and partners. The NCDC has also supported 23 states to establish Public Health Emergency Operations Centre (PHEOC) to strengthen state-level preparedness for and response to the disease outbreak. This whole-of-government approach is vital to combating the disease in Nigeria.

Till date, some of the response activities implemented include:

1. Restriction of all flights into the country and lockdown of non-essential activities in the FCT, Lagos and Ogun States for an initial period of time
2. Expansion of COVID-19 diagnostic laboratories in the country from five (5) to six (6) this week, and to thirteen (13) in the next few weeks. This will improve proximity from States where samples are collected to the laboratory for testing and ultimately reduce the turn-around time
3. Revision of the national case definition to include testing for people in area of high or moderate COVID-19 prevalence showing known symptoms of the disease
4. Training of healthcare workers in all states on COVID-19 case management and infection prevention and control. All States have been provided with a COVID-19 starter pack containing at least 200 personal protective equipment
5. Deployment of national Rapid Response Teams (RRTs) to all affected states and more recently, surge staff to support the response in Lagos State, the epicentre of the outbreak in Nigeria
6. Intensified risk communication activities and real-time update on cases through www.covid19.ncdc.gov.ng where current resources and information on COVID-19 in Nigeria can be found.

The NCDC has launched a campaign themed #TakeResponsibility to encourage individual and collective responsibility in preventing and controlling the spread of COVID-19 in Nigeria. We urge Nigerians and all residents in the country to join this effort, continue to practice hand and respiratory hygiene as well as maintain social distancing of at least 2 metres from other individuals.

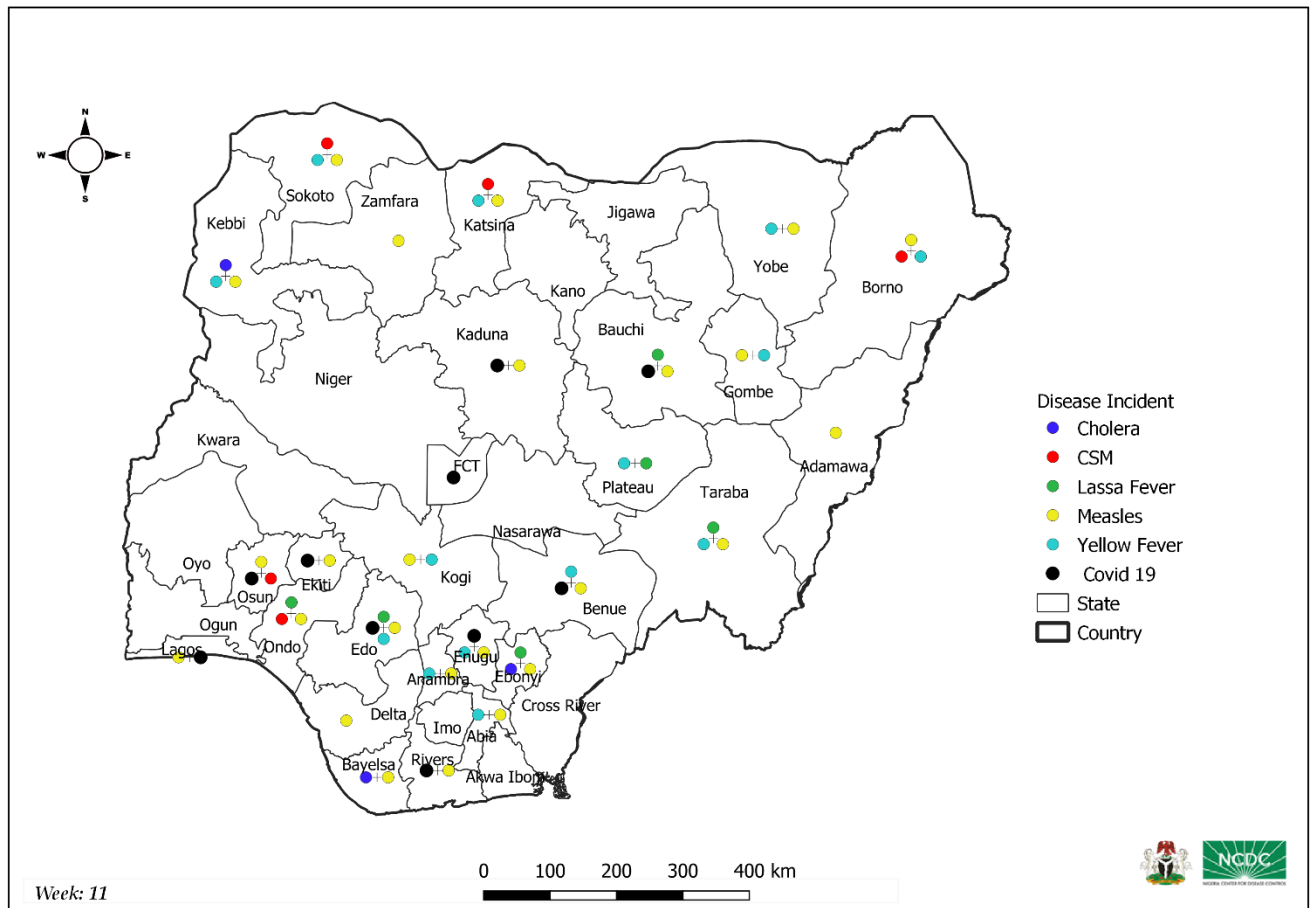
Summary of Incidents

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 with those confirmed cases for which EOC is not activated



Summary

Week 11: 9th – 15th March 2020 (COVID-19 as at 30/03/20)

Lassa Fever^{1,2}	Cerebrospinal Meningitis (CSM)^{3,4}	Yellow Fever^{3,4}
319 Suspected cases 51 Confirmed case(s) 9 Death(s)	11 Suspected cases 0 Confirmed cases 0 Death(s)	35 Suspected cases 0 Confirmed cases 0 Death(s)
Cholera^{3,4}	Measles^{3,4}	Monkeypox^{1,4}
7 Suspected cases 0 Confirmed cases 0 Death(s)	1092 Suspected cases 12 Confirmed cases 0 Death(s)	1 Suspected case(s) 1 Confirmed cases 0 Death(s)
Acute Flaccid Paralysis (AFP)^{3,4}	National Sentinel influenza surveillance⁵	COVID-19 (As at 30/3/20)
92 Suspected cases 0 Confirmed Polio	45 Suspected cases 17 Confirmed cases	933 Suspected cases 131 Confirmed cases 2 Death(s)
	Timeliness of reports³	Completeness of reports³
	88.2% Last 4 weeks 81.8% Year to date	97.5% Last 4 weeks 94.6% 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 11

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
319	51	9	State: 11 + FCT LGA: 28

Year to date (week 1 – 11)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1801	3735	495	906	114	161	23%	17.8%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 11, 2020

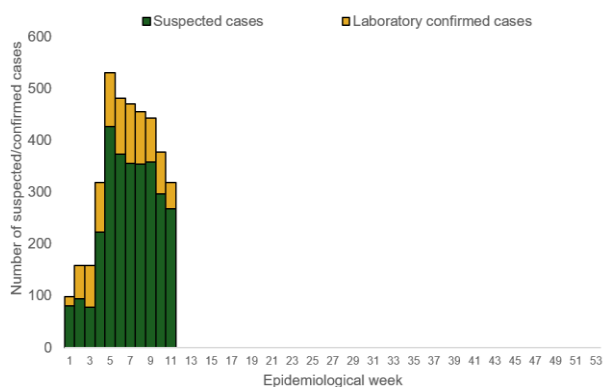
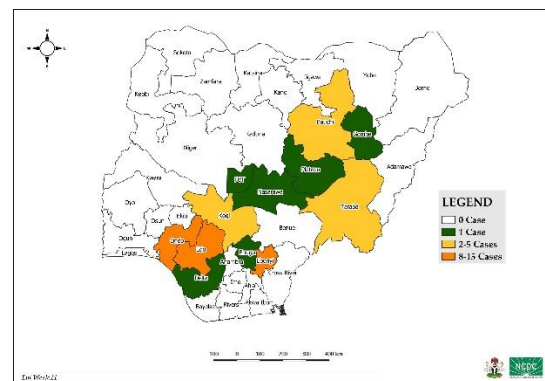


Figure 2: Location of confirmed cases of Lassa Fever by state, Nigeria, week 11, 2020



Key points

- There were 319 suspected cases, 51 confirmed cases and nine deaths recorded from 28 LGAs in 11 states and FCT
- Four new healthcare workers were affected in Bauchi (3) and Gombe (1) states in the reporting week 11

Actions

To date:

- National Emergency Lassa fever (LF) multi-partner, multi-sectoral Operations Centre (EOC) continues to coordinate response activities across states.
- *Of the states with confirmed cases, eight (8) have activated state level EOCs*
- The five molecular laboratories for Lassa fever testing in the NCDC network are working fully to ensure that all samples are tested, and results provided within the shortest turn-around time
- Enhanced surveillance (contact tracing and active case finding) ongoing in affected states

Planned:

- Continue mobilisation of resources
- Finalise the Lassa fever five-year *Strategic plan*
- In-depth investigation of healthcare worker infections
- Operationalise *LGA sanitation desks* by Environmental Health Officers in all states
-

Cerebrospinal Meningitis (CSM)

Week 11

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
11	0	0	State: 6 LGA: 8

Year to date (week 1 – 11)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
817	130	79	0	62	1	7.6%	0.8%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 11, 2020

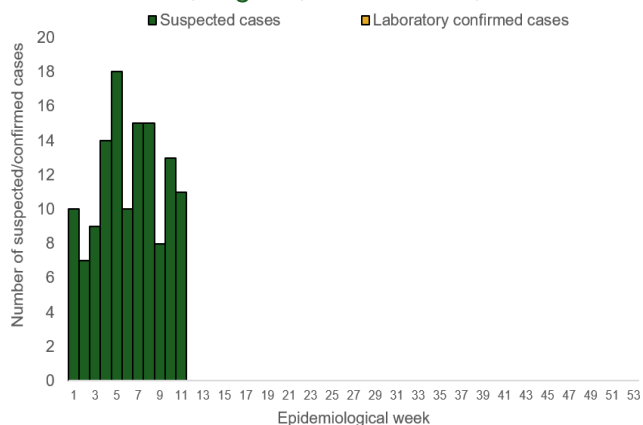
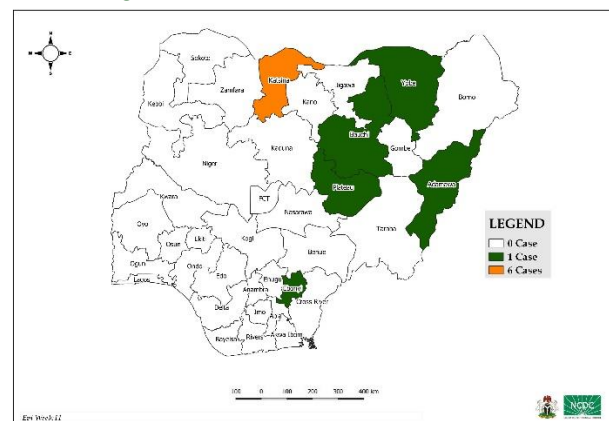


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 11, 2020



Key points

There were 11 suspected cases of Cerebrospinal Meningitis (CSM) reported from eight LGAs in six states (Adamawa – 1, Bauchi – 1, Ebonyi – 1, Katsina – 6, Plateau – 1 & Yobe – 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 11

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
35	0	0	State: 11 LGA: 29

Year to date (week 1 – 11)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
364	377	5	0	0	0	0%	0%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 11, 2020

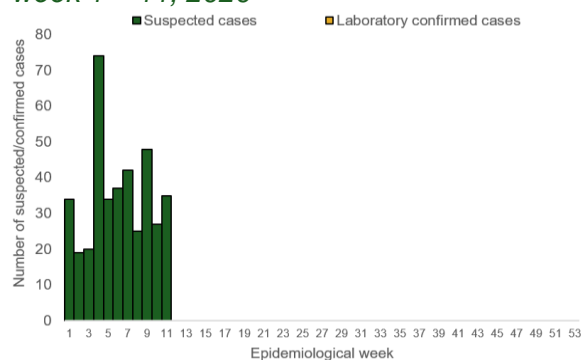
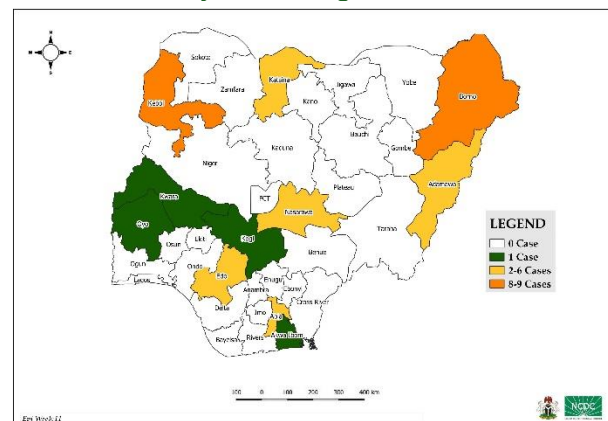


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 11, 2020



Key points

- There were 35 suspected cases of Yellow Fever (YF) reported from 29 LGAs in 11 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 is ongoing

Cholera

Week 11

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

Year to date (week 1 – 11)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
396	736	4	0	21	31	5.3%	4.2%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 11, 2020

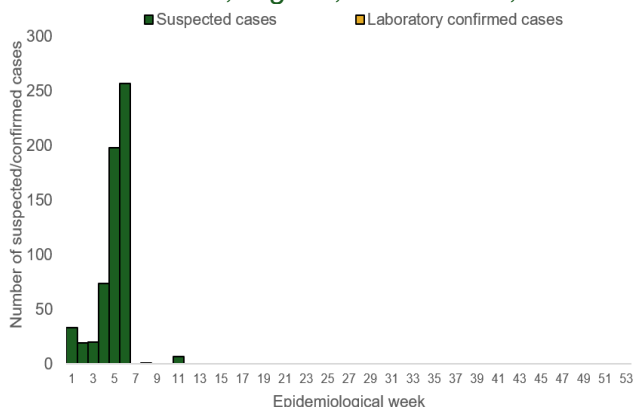
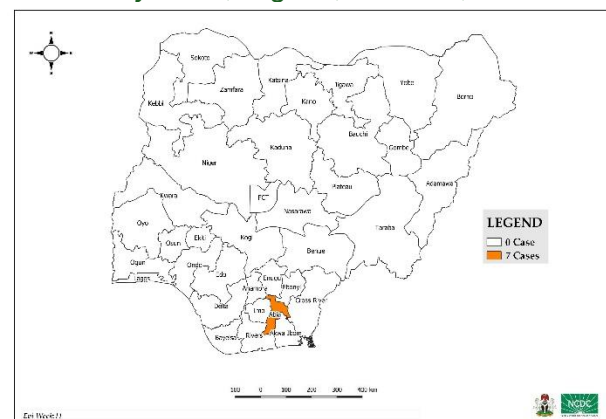


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 11, 2020



Key points

- There were seven suspected case of cholera reported from Isiala-Ngwa North LGA in Abia 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
- Development of the 2020 cholera preparedness and response plan 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 11

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
1092	12	0	State: 27 + FCT LGA: 131

Year to date (week 1 – 11)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
11603	6921	535	18	27	20	0.2%	0.3%

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

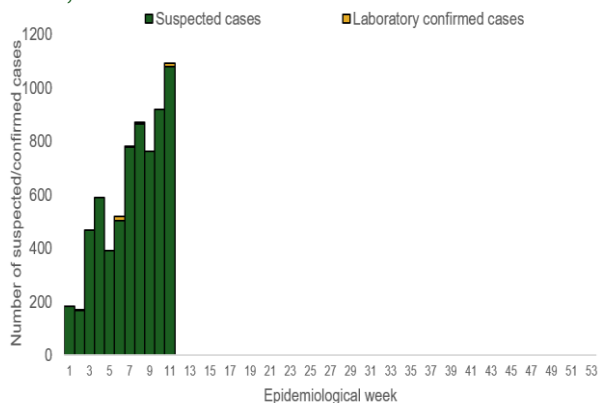
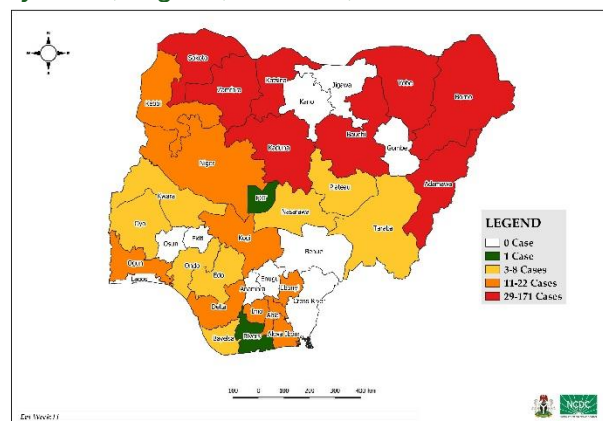


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 11, 2020



Key points

- There were 1092 suspected cases of measles reported from 131 LGAs in 27 states and FCT. There were 12 confirmed cases 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 11

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

Year to date (week 1 – 11)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
9	11	9	1	0	0	0%	0%

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

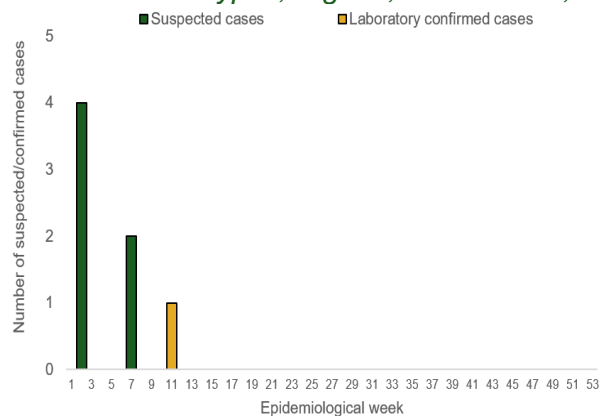


Figure 12: Location of suspected cases of Monkeypox by State, Nigeria, week 11, 2020



Key points

- There was one confirmed case of monkeypox reported from Mushin LGA in Lagos state. No death was recorded

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
- Continue harmonisation of the national line list and SORMAS data

Acute Flaccid Paralysis (AFP)

Week 11

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
92	0	0	State: 29 + FCT LGA: 79

Year to date (week 1 – 11)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1353	929	0	0	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, week 1 – 11, 2020

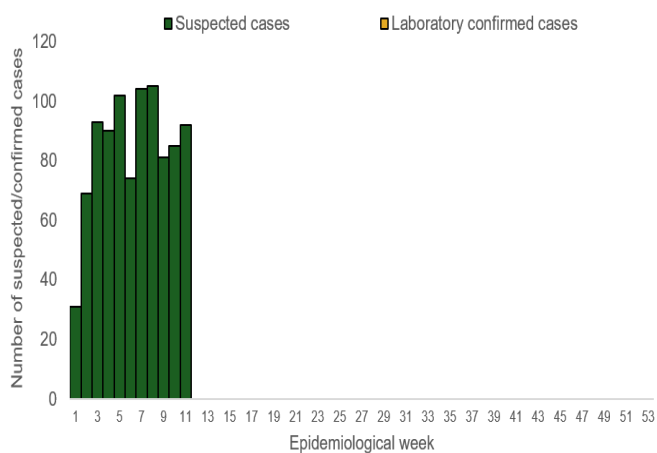
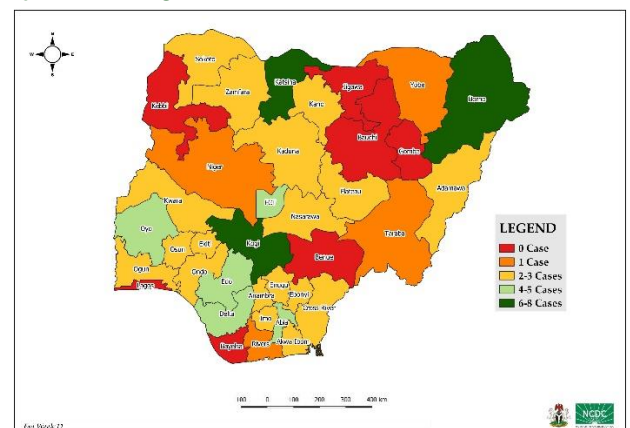


Figure 14: Location of suspected cases of AFP by State, Nigeria, week 11, 2020



Key points

- There were 92 suspected cases of AFP reported from 79 LGAs in 29 states and FCT. None was laboratory confirmed and no death was recorded

Corona Virus (COVID-19)

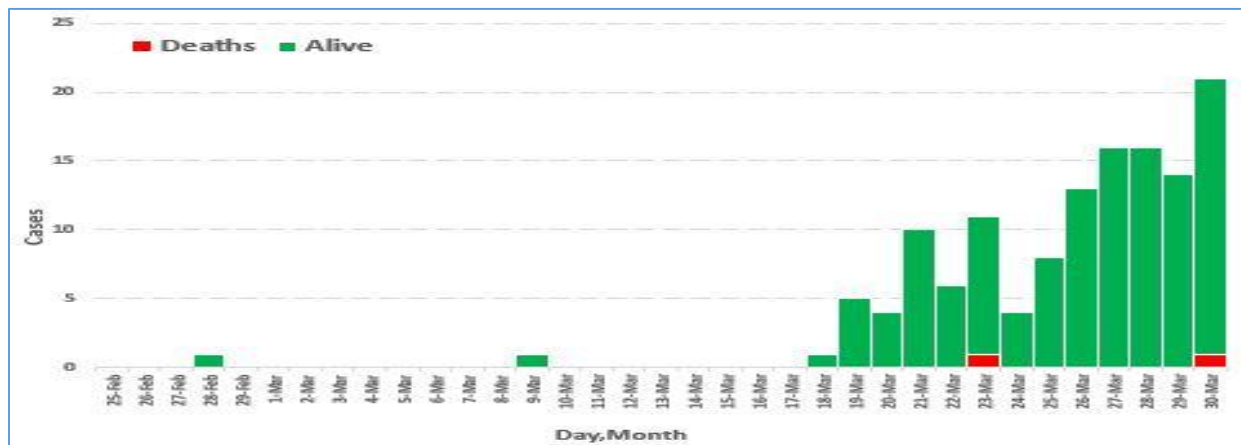
As at 30th March, 2020

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
933	131	2	State: 5 + FCT LGA:

Year to date (week 1 – 10)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
0	933	0	131	0	2	0%	0%

Figure 15: Daily epi-curve of confirmed cases of COVID-19, Nigeria (week 1 – 13, 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.
- *Established 7 COVID-19 diagnostic capacities*
- Deployment of national rapid response team to support the affected states
- Enhanced surveillance (including contact tracing) ongoing in affected states
- Deployed medical commodities to affected states

Planned:

- Continue mobilisation of resources
- Expand *COVID-19 diagnostic capacities*
- Establish more isolation / treatment centres
- Establish surge capacities for response activities

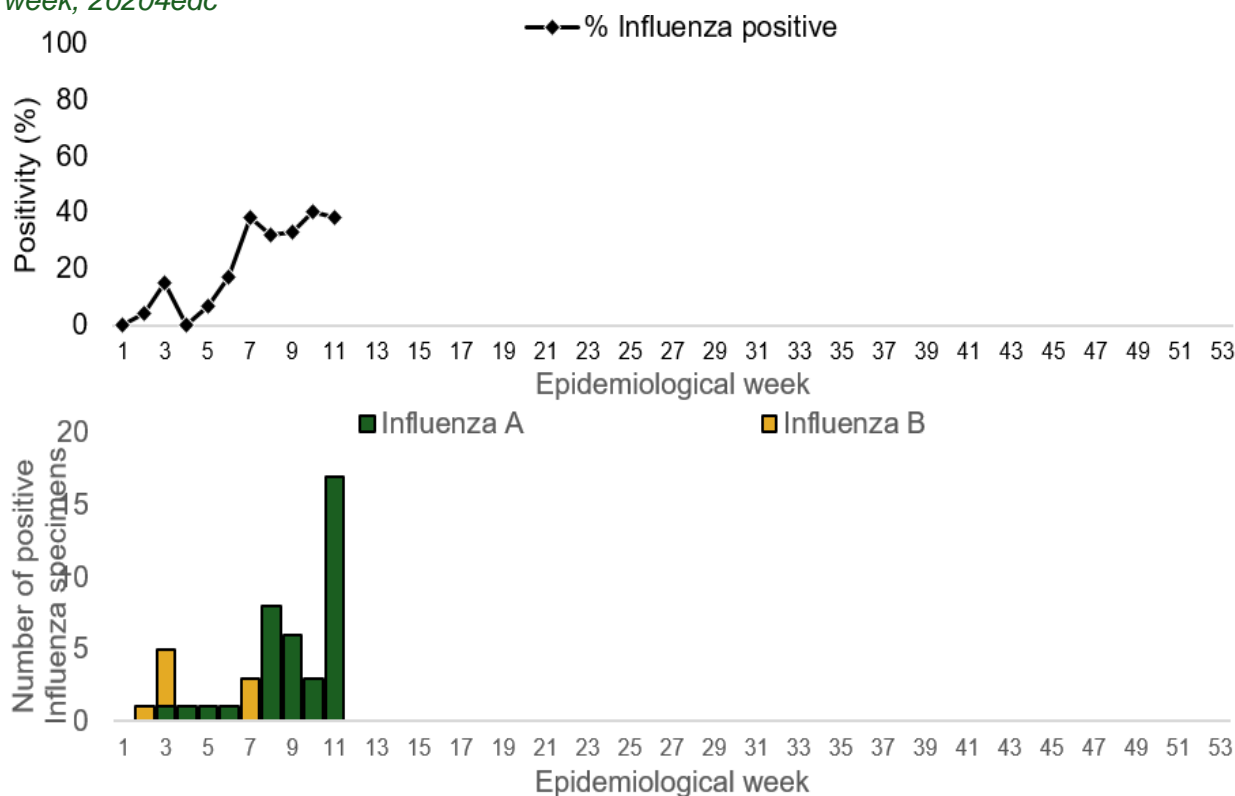
National Influenza Sentinel Surveillance

Year to date (week 1 – 11)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	194	144 (74.2%)	50 (25.8%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	21	8	16	6	5	2
Positivity (%)	10.8%	4.1%	11.1%	4.2%	10%	4%

Figure 15: Number of influenza positive specimens by type and percent positive by epidemiological week, 2020^{4edc}



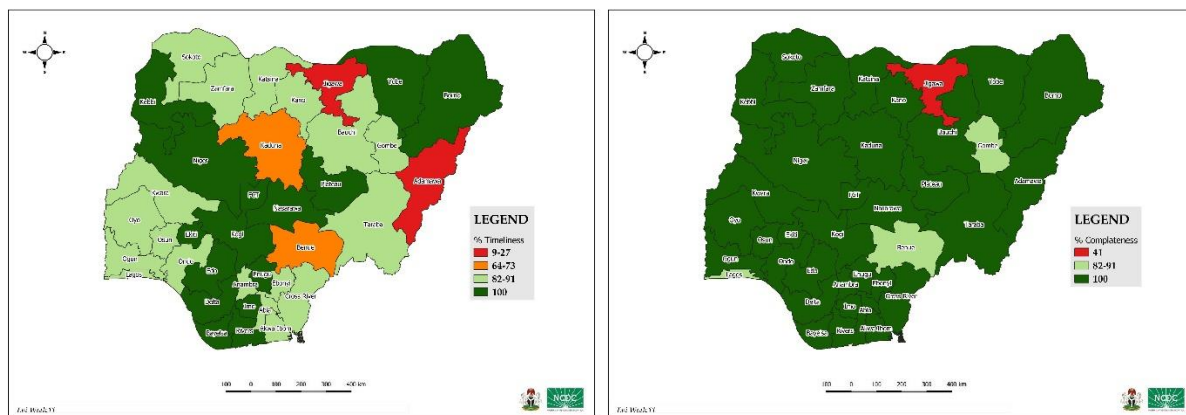
Key points

- 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 (8 – 11, 2020)

Figure 16: A – Timeliness by State (%); B – Completeness by State (%), weeks 8 - 11, 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 8 – 11	Year to date Week 1- 11
Reports sent on time	121	359
Reports sent late	19	38
Reports not received	8	10
Timeliness	81.8%	88.2%
Completeness	94.6%	97.5%

States with reports not received in 2020 (week 1 – 11)

State	Week(s) report not received
Benue	10 & 11
Gombe	11
Jigawa	6, 7, 8, 9, 10 & 11
Lagos	11

Timeliness and Completeness of Reports by State

Year to date (week 1 – 11)

State	Timeliness (%)	Completeness (%)
Abia	91	100
Adamawa	27	100
Akwa Ibom	91	100
Anambra	91	100
Bauchi	91	100
Bayelsa	100	100
Benue	64	82
Borno	100	100
Cross River	82	100
Delta	100	100
Ebonyi	91	100
Edo	100	100
Ekiti	100	100
Enugu	100	100
FCT	100	100
Gombe	82	91
Imo	100	100
Jigawa	9	41
Kaduna	73	100
Kano	91	100
Katsina	82	100
Kebbi	100	100
Kogi	100	100
Kwara	91	100
Lagos	91	91
Nasarawa	100	100
Niger	100	100
Ogun	82	100
Ondo	91	100
Osun	82	100
Oyo	91	100
Plateau	100	100
Rivers	100	100
Sokoto	91	100
Taraba	91	100
Yobe	100	100
Zamfara	91	100