



Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 7: 10th – 16th February 2020

Highlight of the Week

Nigeria records first case of COVID 19: NCDC activates Emergency Operations Centre



On the 28th of February 2020, the Federal Ministry of Health announced the first confirmed case of COVID-19 in Nigeria. This makes Nigeria the 3rd country in Africa with an imported case of the disease asides Egypt and Algeria.

Prior to COVID-19 in Nigeria, the multi-sectoral Coronavirus Preparedness Group had the responsibility of reviewing the situation globally, assess the risk of spread and improve on Nigeria's level of preparedness based on new findings and insights. On the 28th of February 2020, the group was escalated to the national Emergency Operations Centre (EOC) for coordinating COVID-19 response activities. The EOC has developed an incident action plan which is being implemented across the following pillars:

1. **Coordination:** The Federal Ministry of Health through the NCDC has activated a national Emergency Operations Centre (EOC) at the highest level. This multi-sectoral EOC is leading the national response for COVID-19. Till date, the NCDC has supported 23 states to set up Public Health Emergency Operations Centre (PHEOC). These will be used for coordination at state level.
2. **Epidemiology and Surveillance:** The Federal Ministry of Health has also intensified surveillance at points of entry (Lagos, Kano, Port Harcourt and FCT). A second case definition has been shared with Port Health Officials and State epidemiologists for determining a suspect case of the disease. NCDC digital tool for surveillance, SORMAS, is being used to manage contact tracing and related activities to quickly control the spread of the disease.
3. **Laboratory:** Currently, there are four laboratories with the capacity to test for COVID-19 in Nigeria. The NCDC National Reference Laboratory; Lagos University Teaching Hospital; Irrua Teaching Hospital; and African Centre for Genomics of Infectious Diseases in Ede, Osun State. They are all in the NCDC molecular laboratory network. These laboratories are sufficiently equipped with reagents and supplies for testing.
4. **Infection Prevention and Control:** IPC guidelines and SOPs have been disseminated to treatment centres, health facilities, and health workers across the country.
5. **Case management:** There are designated treatment centres to manage laboratory confirmed cases of COVID-19 in Lagos, Kano, Port Harcourt, Enugu and FCT. The team of healthcare workers in these centres have been trained on the management of COVID-19 using approved SOPs and guidelines.
6. **Risk communication:** Communications has intensified on protective measures against COVID-19. Based on new knowledge on the disease, the 4th public health advisory, updated FAQs, a second case definition and other IEC materials have been published and widely disseminated.
7. **Logistics:** Pooling and mobilisation of resources particularly response commodities e.g. personal protective equipment, medical and laboratory consumables, thermometers, hand sanitizers, etc. to the affected states has commenced.

All identified contacts of the case are being monitored. The public is advised to remain calm, practice personal and respiratory hygiene measures to protect themselves. For more information on the prevention of COVID-19, you can access the NCDC coronavirus public health advisory [here](#)

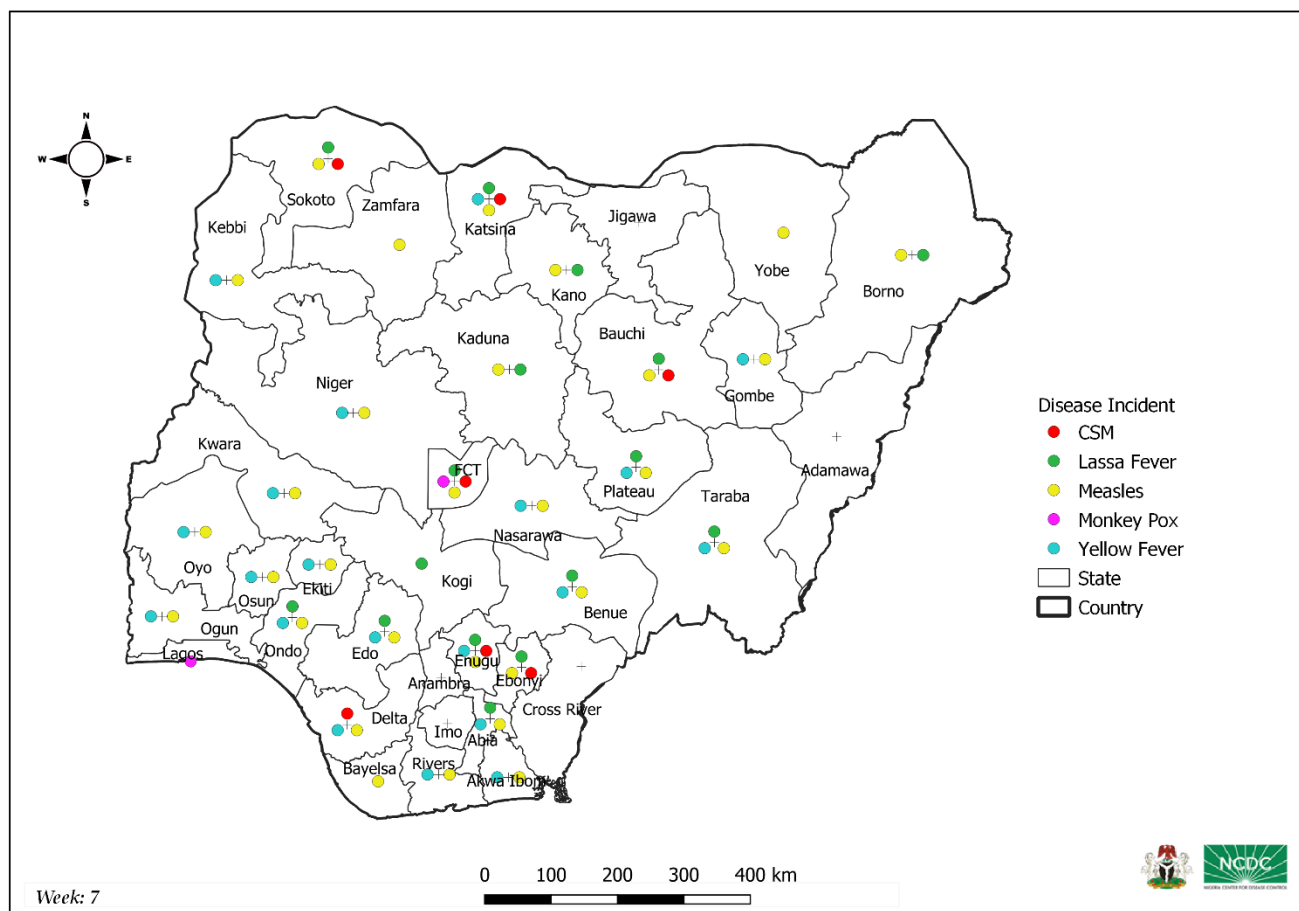
Summary of Incidents

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 coronavirus disease (COVID-19)).

Other incidents are those with confirmed cases for which EOC is not activated



Data Source: SITAware

Summary

Week 7: 10th – 16th February 2020

Lassa Fever ^{1,2}	Cerebrospinal Meningitis (CSM) ^{3,4}	Yellow Fever ^{3,4}
471 Suspected cases	15 Suspected cases	42 Suspected cases
115 Confirmed case(s)	0 Confirmed cases	0 Confirmed cases
18 Death(s)	0 Death(s)	0 Death(s)
Cholera ^{3,4}	Measles ^{3,4}	Monkeypox ^{1,4}
0 Suspected cases	779 Suspected cases	2 Suspected case(s)
0 Confirmed cases	1 Confirmed cases	0 Confirmed cases
0 Death(s)	1 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) ^{3,4}	National Influenza sentinel surveillance ⁵	
104 Suspected cases	0 Suspected cases	
0 Confirmed Polio	0 Confirmed cases	

Timeliness of reports ³	Completeness of reports ³
89.9% Last 4 weeks	94.6% Last 4 weeks
91.9% Year to date	96.9% Year to date

Notes

- Information for this disease was retrieved from the Technical Working Group and Situation Reports
- Case Fatality Rate (CFR) for this disease is reported for confirmed cases only
- Information for this disease was retrieved from IDSR 002 data
- CFR for this disease is reported for total cases i.e. suspected + confirmed
- Information for sentinel influenza was retrieved from the laboratory

Lassa Fever

Week 7

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
471	115	18	State: 16 LGA: 41

Year to date (week 1 – 7)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1157	2176	355	586	75	103	21.1%	17.6%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 7, 2020

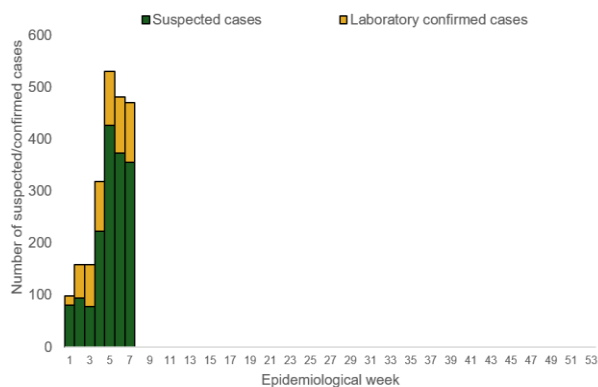
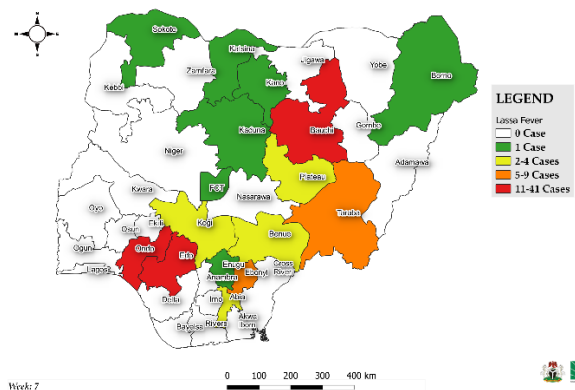


Figure 2: Location of confirmed cases of Lassa Fever by state, Nigeria, week 7, 2020



Key points

- There were 471 suspected cases, 115 confirmed cases and 18 deaths recorded from 41 LGAs in 16 states
- Two new Health Care Workers were affected in Bauchi and Katsina states in the reporting week.

Actions

To date:

- National Lassa fever (LF) multi-partner, multi-sectoral EOC continues to coordinate the response activities at all levels
- Scale up of risk communication activities across Nigeria
- Establishment of LF Laboratory at the Federal Medical Centre Owo

Planned:

- Support states to develop and implement LF response sustainability plan
- Operationalisation of LGA *sanitation desks* by Environmental Health Officers in all states
- Implementation of regular sanitation exercise in all states

Cerebrospinal Meningitis (CSM)

Week 7

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
15	0	0	State: 6 + FCT LGA: 11

Year to date (week 1 – 7)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
385	83	26	0	29	1	7.5%	1.2%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 7, 2020

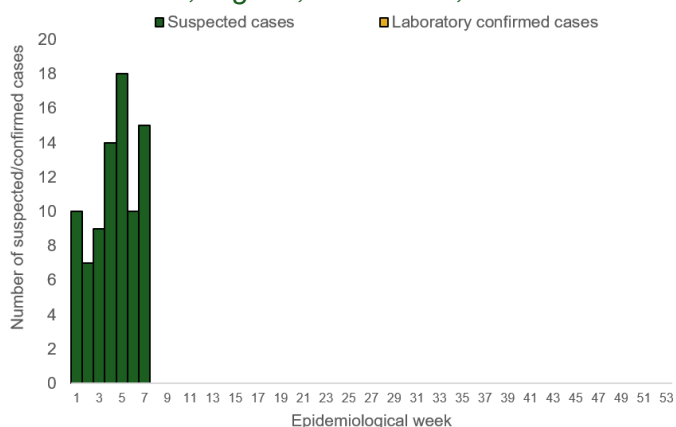
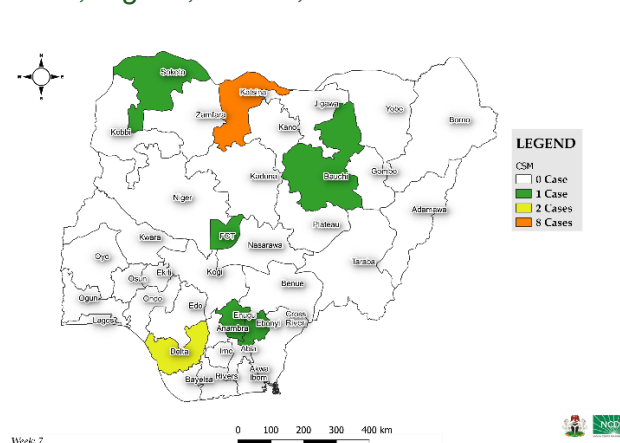


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 7, 2020



Key points

- There were 15 suspected cases of Cerebrospinal Meningitis (CSM) reported from 11 LGAs in six states and FCT (Bauchi – 1, Delta – 2, Ebonyi – 1, Enugu – 1, FCT – 1, Katsina – 8 & 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 7

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
42	0	0	State: 20 LGA: 37

Year to date (week 1 – 7)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
310	369	0	6	0	0	0%	0%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 7, 2020

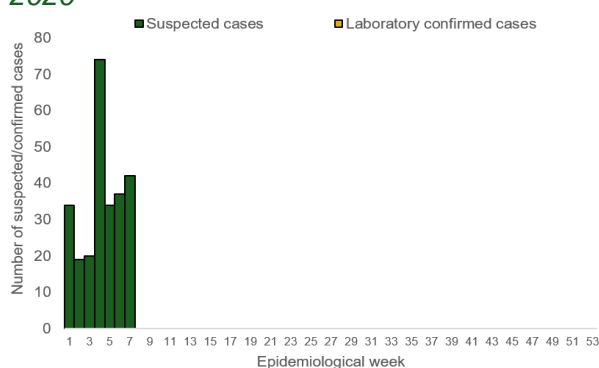
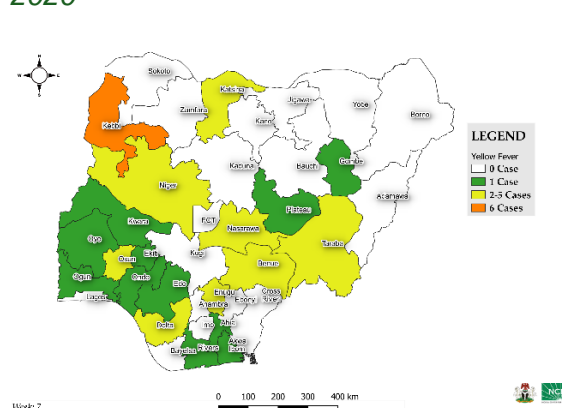


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 7, 2020



Key points

- There were 42 suspected cases of Yellow fever (YF) reported from 37 LGAs in 20 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:

- Continue to harmonise surveillance and laboratory data

Cholera

Week 7

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

Year to date (week 1 – 7)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
230	728	1	0	10	31	4.3%	4.3%

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

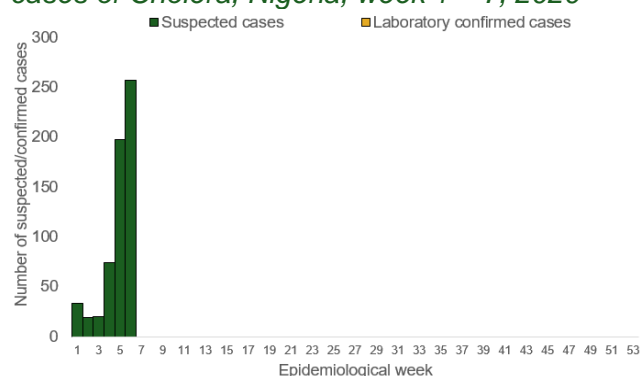
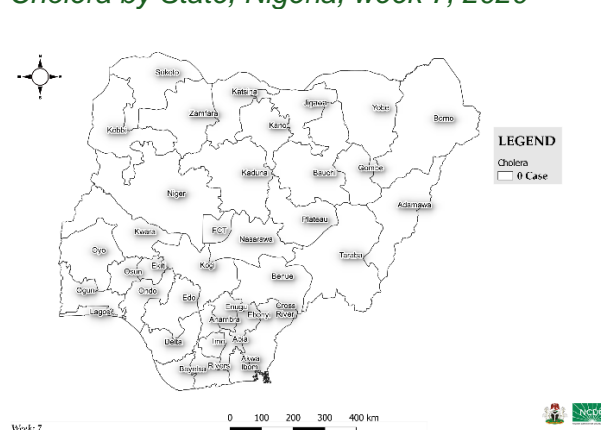


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 7, 2020



Key points

- There was no suspected case of cholera reported this week

Actions

To date

- National Cholera Multi-sectoral Technical Working Group (TWG) is monitoring all states
- Finalise the development of the 2020 cholera preparedness and response plan

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

Measles

Week 7

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
779	1	1	State: 29 + FCT LGA: 183

Year to date (week 1 – 7)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
4838	3953	11	462	13	8	0.3%	0.22%

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

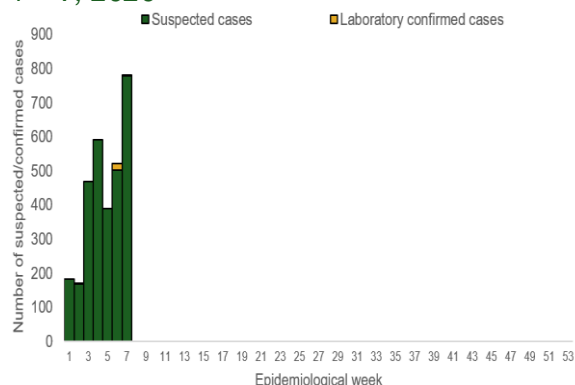
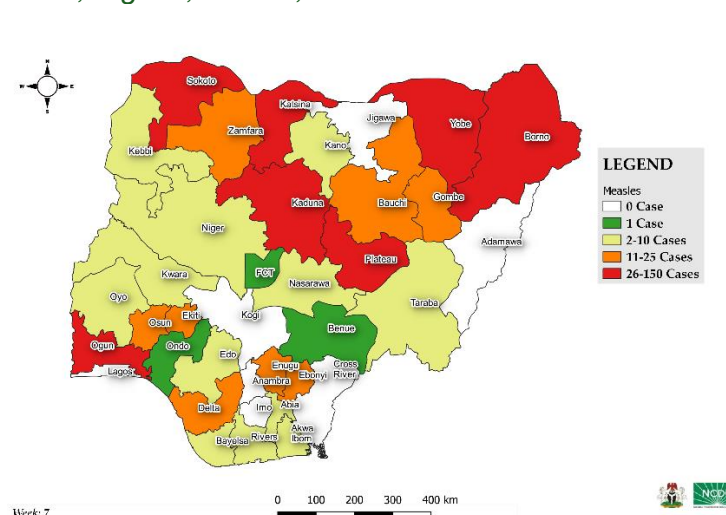


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 7, 2020



Key points

- There were 779 suspected cases of measles reported from 183 LGAs in 29 states and FCT. There was one laboratory confirmed case 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
- Conducted *measles Dynamic Risk Assessment*
- Advisory letters shared with Honorable Commissioners of states with high measles burden (Katsina, Jigawa, Kebbi, Sokoto, Adamawa and Yobe states) to activate state EOCs, intensify routine immunisation and intensify risk communication activities

Planned:

- Continue the review of measles surveillance data across the country
- Analyse dynamic risk assessment conducted to guide next line of action
- Follow up with states to update and transmit line list to NCDC

Monkeypox

Week 7

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
2	0	0	State: 1 + FCT LGA: 2

Year to date (week 1 – 7)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
6	10	3	1	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1–7, 2020

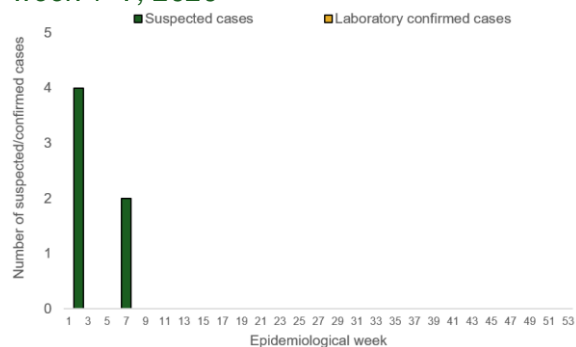
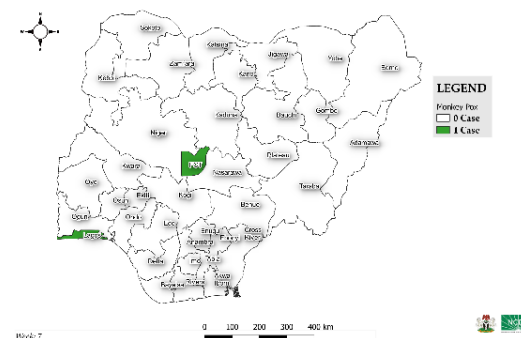


Figure 14: Location of suspected cases of Monkeypox by State, Nigeria, week 7, 2020



Key points

- There were two suspected cases of monkeypox reported from two LGAs in Lagos state & FCT. None was laboratory confirmed and 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

Acute Flaccid Paralysis (AFP)

Week 7

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
104	0	0	State: 31 + FCT LGA: 88

Year to date (week 1 – 7)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
784	566	0	0	0	0	0%	0%

Figure 15: Number of suspected and confirmed cases of AFP, Nigeria, week 1– 7, 2020

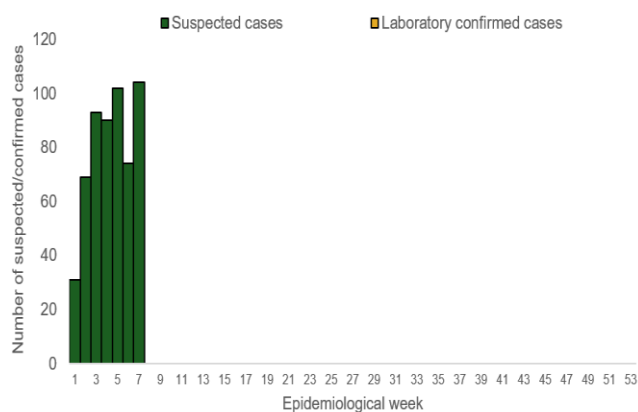
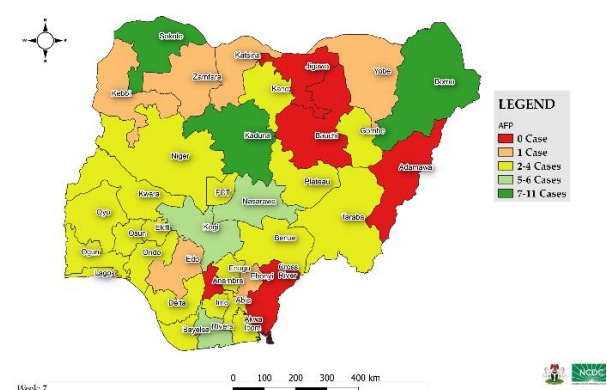


Figure 16: Location of suspected cases of AFP by State, Nigeria, week 7, 2020



Key points

- There were 104 suspected cases of AFP reported from 88 LGAs in 31 states and FCT. None was laboratory confirmed and no death was recorded

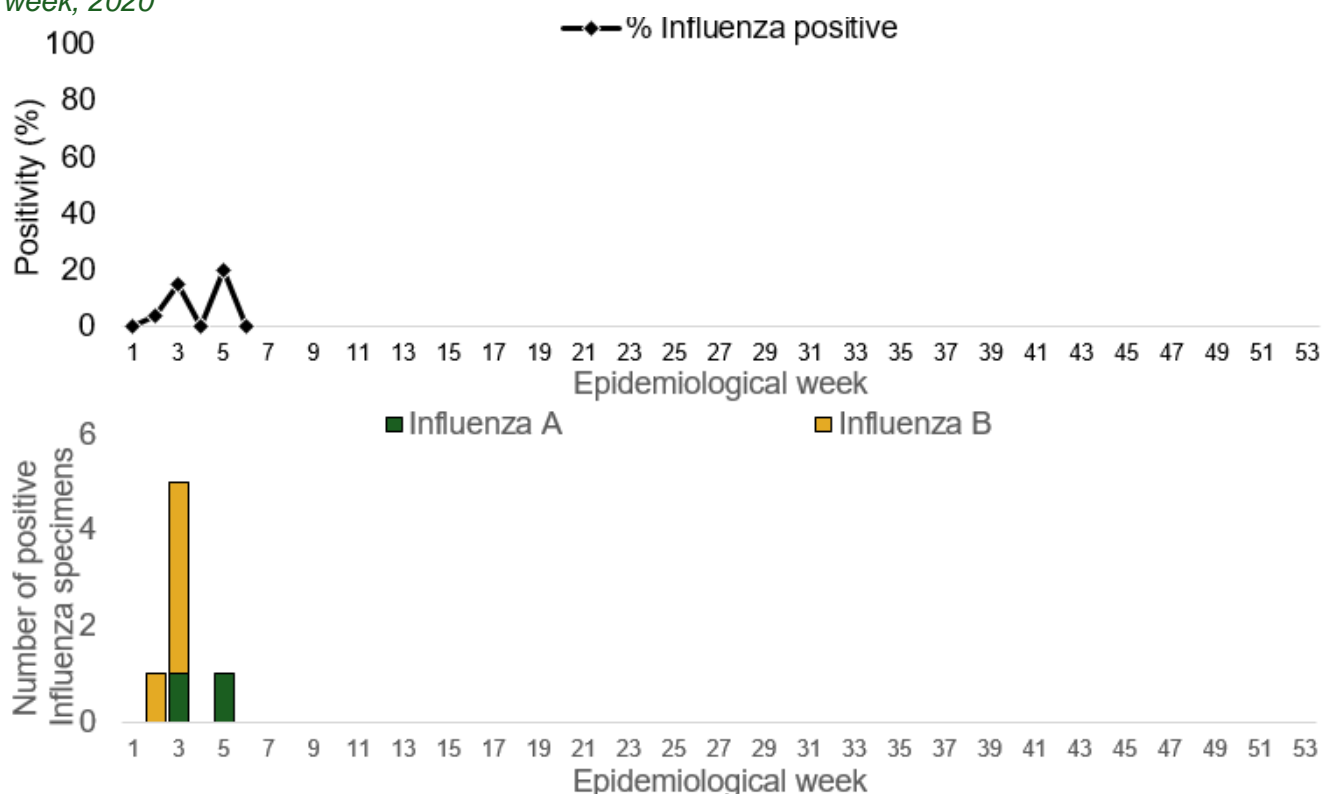
National Influenza Sentinel Surveillance

Year to date (week 1 – 7)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	105	71 (67.6%)	34 (32.4%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	2	5	2	3	0	2
Positivity (%)	1.9%	4.8%	2.8%	4.2%	0%	5.9%

Figure 17: Number of influenza positive specimens by type and percent positive by epidemiological week, 2020



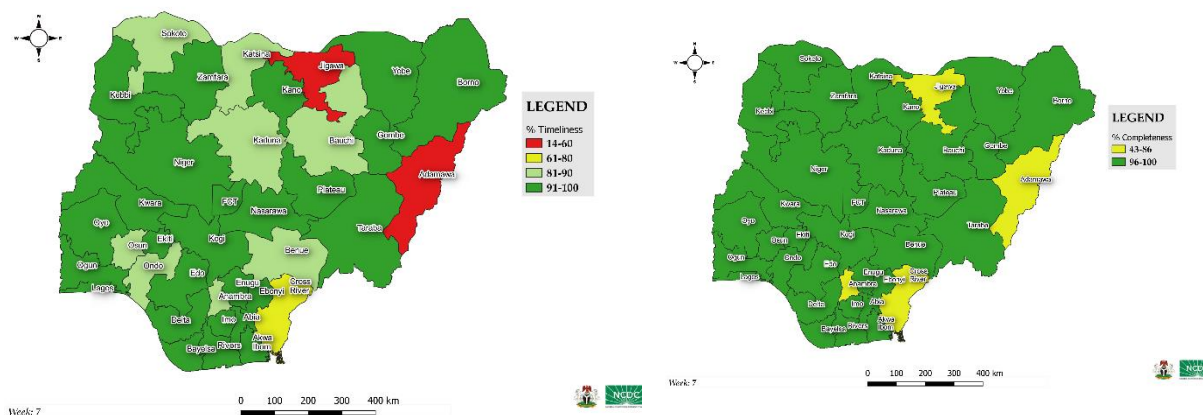
Key points

- The subtypes A seasonal H3, 2009A/H1N1 and A/not subtyped account for 0(0.0%), 0(0.0%) and 2(100%) of the total influenza A positive sample respectively. The subtypes B VICTORIA, B Not subtyped and B Yamagata account for 0(0.0%), 5(100%) and 0(0.0%) of the total influenza B positive samples respectively
- The percentage influenza positive was highest in week 5 with 20%.

Timeliness and Completeness of Reports

Last 4 weeks (4 – 7, 2020)

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), weeks 4 - 7, 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 4 - 7	Week 1 - 7
Reports sent on time	133	238
Reports sent late	7	13
Reports not received	10	8
Timeliness	89.9%	91.9%
Completeness	94.6%	96.9%

States with reports not received in 2020 (week 1 – 7)

State	Week(s) report not received
Adamawa	4, 5, 6 & 7
Anambra	7
Cross River	7
Jigawa	6 & 7

Timeliness and Completeness of Reports by State

Year to date (week 1 – 7)

State	Timeliness (%)	Completeness (%)
Abia	100	100
Adamawa	29	43
Akwa Ibom	100	100
Anambra	86	86
Bauchi	86	100
Bayelsa	100	100
Benue	86	100
Borno	100	100
Cross River	71	86
Delta	100	100
Ebonyi	100	100
Edo	100	100
Ekiti	100	100
Enugu	100	100
FCT	100	100
Gombe	100	100
Imo	100	100
Jigawa	14	71
Kaduna	86	100
Kano	100	100
Katsina	86	100
Kebbi	100	100
Kogi	100	100
Kwara	100	100
Lagos	100	100
Nasarawa	100	100
Niger	100	100
Ogun	100	100
Ondo	86	100
Osun	86	100
Oyo	100	100
Plateau	100	100
Rivers	100	100
Sokoto	86	100
Taraba	100	100
Yobe	100	100
Zamfara	100	100