



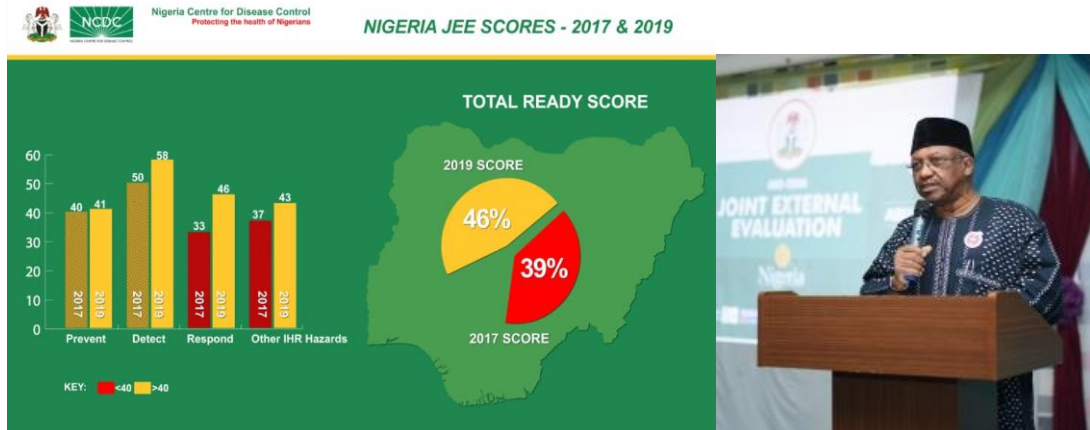
Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 45: 4th – 10th November, 2019

Highlight of the Week

Nigeria Conducts Mid-term Joint External Evaluation of International Health Regulations Capacities



In 2017, Nigeria voluntarily joined the list of countries to conduct the Joint External Evaluation (JEE) of International Health Regulations (IHR, 2005) capacities. To address the critical gaps identified following Nigeria's JEE, the Nigeria Centre for Disease Control (NCDC) as the IHR National Focal Point together with various Ministries, Departments and Agencies (MDAs), supported by partners, developed a National Action Plan for Health Security (NAPHS). The NAPHS is a five-year multi-sectoral and overarching strategic plan intended to provide clear roadmap for implementation of activities to address the JEE gaps.

Two years after the first JEE, relevant MDAs and partners whose functions are related to national health security identified the need to review progress made in the 19 technical areas as well as areas for prioritisation to meet the 2022 target set during the first JEE. To achieve this, a mid-term JEE was conducted from 18th -22nd November, 2019 using the World Health Organization (WHO) approved JEE 2.0 tool.

The process included an initial internal assessment by relevant MDAs and an external validation by a mission Team which included representatives from partner organisations. The major outputs from the meeting were:

1. Review of activities in the 19 technical areas since the first JEE and progress made
2. Prioritised activities matched with resource needs for implementation
3. Improved collaboration and coordination among MDAs with functions related to national health security

The Honourable Minister of Health, Dr. Osagie Ehanire, received the results of the JEE from the mission Team. He highlighted the commitment and support from His Excellency, President Muhammadu Buhari for to strengthen national health security. While congratulating Nigeria on the successful review, the Officer in Charge of WHO Nigeria, Dr. Clement Peter-Lasuba, attributed significant progress recorded to strong partnerships and increasing multi-sectoral approach.

In concluding, the Director General of NCDC, Dr. Chikwe Ihekweazu, emphasised the need for improved collaboration among the various MDAs involved in national health security.

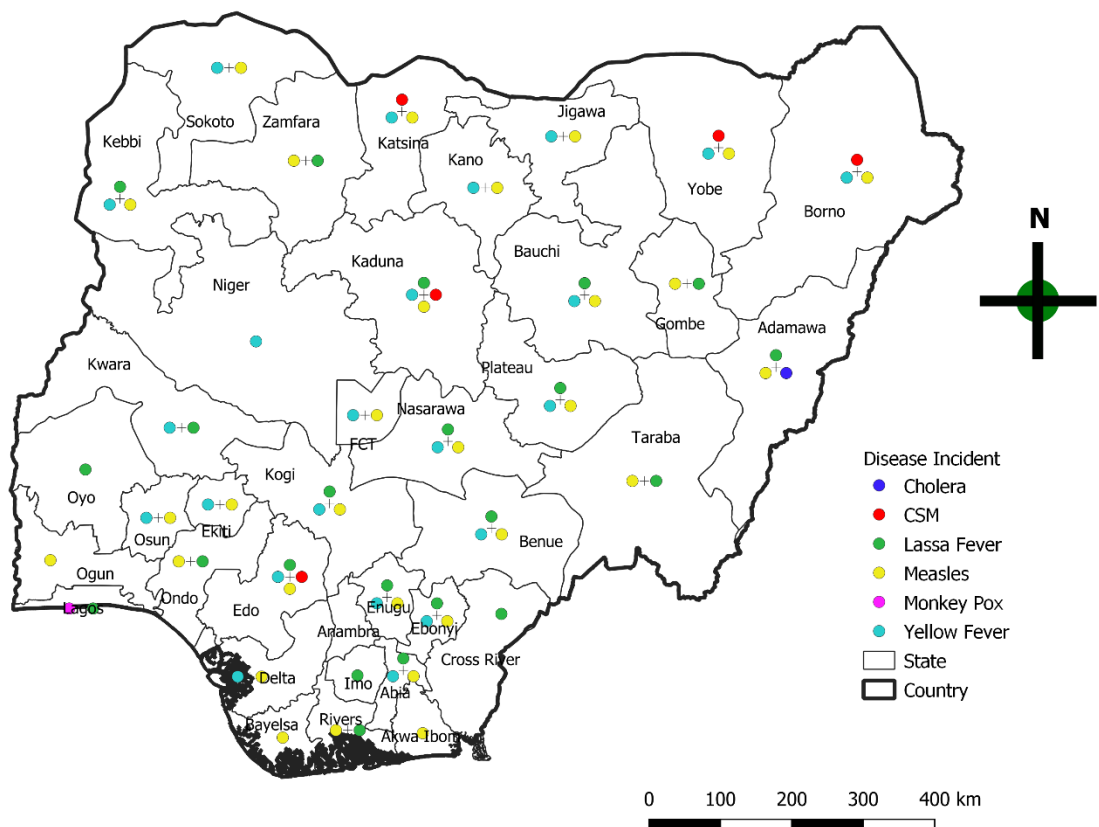
Summary of Incidents

Ongoing incidents

1

Ongoing Incidents are defined as confirmed cases where a national EOC or equivalent has been activated (EOC was activated for Yellow Fever in epi-week 45)

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



Data Source: SITAware

Summary

Week 45: 4th – 10th November 2019

Lassa Fever_{1,2}	Cerebrospinal Meningitis (CSM)_{3,4}	Yellow Fever_{3,4}
107 Suspected cases	15 Suspected cases	97 Suspected cases
10 Confirmed case(s)	0 Confirmed cases	0 Confirmed cases
2 Death(s)	0 Death(s)	3 Death(s)
Cholera_{3,4}	Measles_{3,4}	Monkeypox_{1,4}
33 Suspected cases	452 Suspected cases	0 Suspected case(s)
11 Confirmed cases	0 Confirmed cases	0 Confirmed cases
0 Death(s)	10 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP)_{3,4}	National Sentinel influenza surveillance₅	
141 Suspected cases	0 Suspected cases	
0 Confirmed Polio	0 Confirmed cases	

Timeliness of reports₃	Completeness of reports₃
81.8% Last 4 weeks	97.3% Last 4 weeks
88% Year to date	100% 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 45

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
107	10	2	State: 13 LGA: 17

Year to date (week 1 – 45)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
3016	4500	559	764	143	160	25.6%	21%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 45, 2019

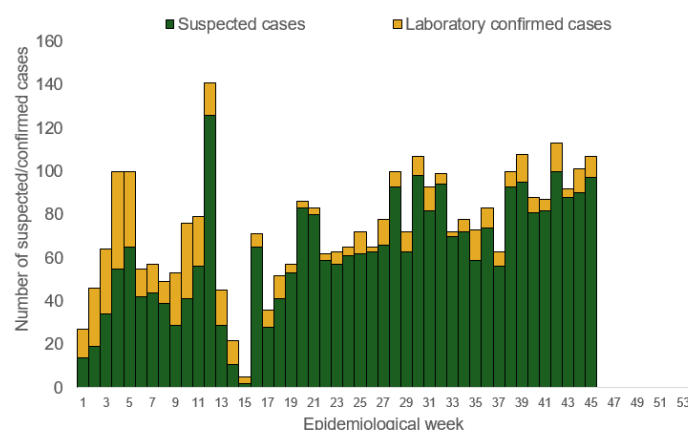
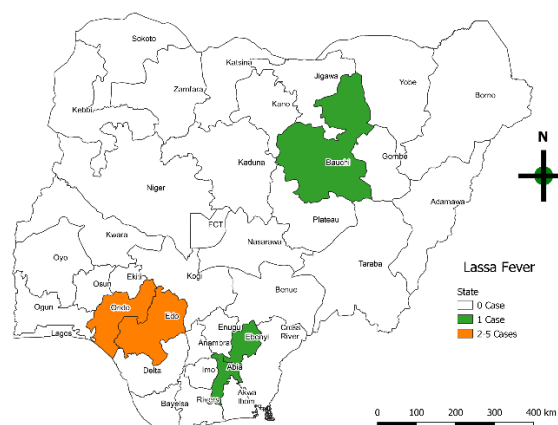


Figure 2: Location of **confirmed** cases of Lassa Fever by state, Nigeria, week 45, 2019



Key points

- There were 107 suspected cases of Lassa Fever (LF) reported from 17 LGAs in 13 states (Edo – 53, Ondo – 23, Ebonyi – 6, Bauchi – 12, Nasarawa – 1, Plateau – 4, Taraba – 1, Gombe – 1, Benue – 1, Kogi – 1, Ogun – 1, Lagos - 1 & Abia – 2). There were ten confirmed cases and two deaths were recorded (Edo and Abia states)

Actions

To date:

- The national Lassa Fever multi-sectoral Technical Working Group (TWG) continues to coordinate response activities and support States
- Lassa Fever National Environmental Response was conducted in Edo and Ondo states: Community Rodent Control, environmental sanitation and personal hygiene promotion. This was coordinated by Federal Ministry of Environment (FMinv) in collaboration with NCDC and supported by WHO

Planned:

- Finalise advocacy packages for national and subnational policy/decision makers ahead of 'Lassa fever' season
- Finalise the Lassa fever five-year strategic plan

Cerebrospinal Meningitis (CSM)

Week 45

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
15	0	0	State: 3 LGA: 9

Year to date (week 1 – 45)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
4408	1992	318	122	359	102	8.1%	5.1%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 45, 2019

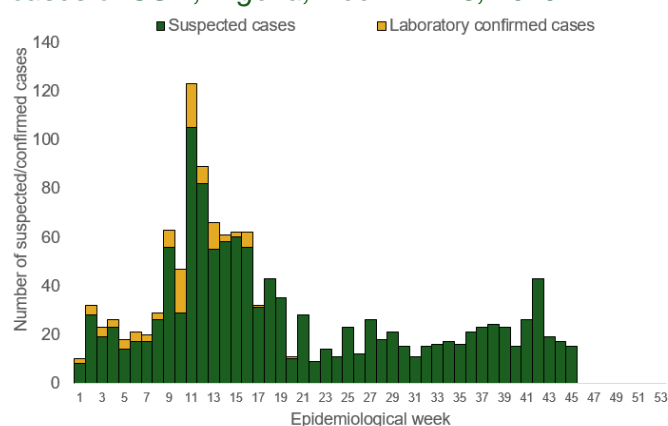
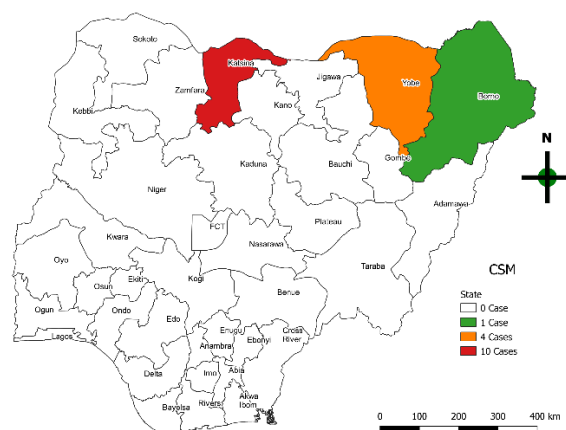


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 45, 2019



Key points

There were 15 suspected cases of Cerebrospinal Meningitis (CSM) reported from nine LGAs in three states (Borno – 1, Katsina – 10 & Yobe – 4). None was laboratory confirmed and no death was recorded

Actions

To date:

- The national CSM Technical Working Group (TWG) meets weekly to review reports from states and plan appropriately

Planned:

- Continue harmonisation of the national line list and SORMAS data

Yellow Fever

Week 45

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
97	0	3	State: 20 LGA: 55

Year to date (week 1 – 45)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
2371	3620	7	144	1	150	0%	4.1%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 45, 2019

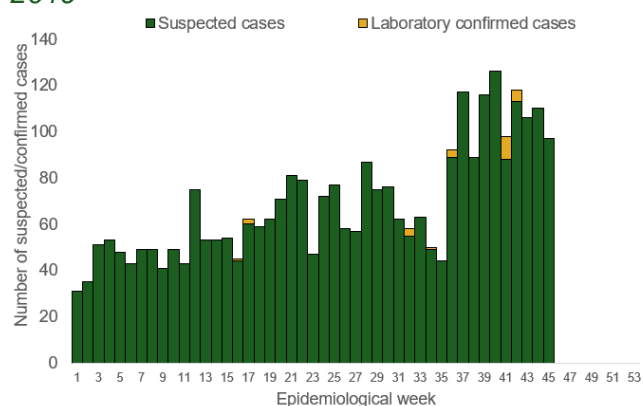
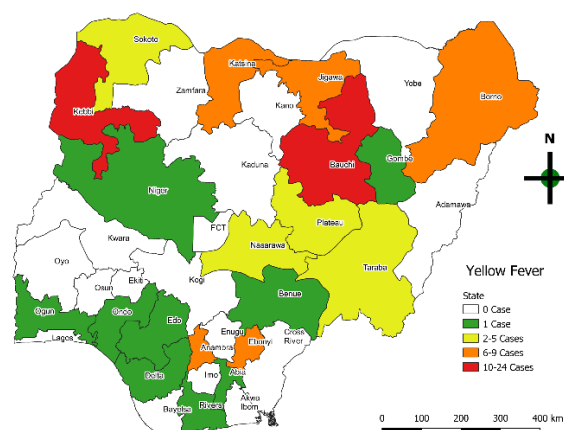


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 45, 2019



Key points

- There were 97 suspected cases of Yellow Fever (YF) reported from 55 LGAs in 20 states. None was laboratory confirmed and three deaths were recorded
- Follow up with the new states with confirmed cases

Actions

To date:

- The national YF Technical Working Group to continues to coordinate response activities

Planned:

- Follow up with NPHCDA on the pre-implementation plans for YF preventive/reactive mass vaccination campaigns in the implementing LGAs/states

Cholera

Week 45

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
33	11	0	State: 3 LGA: 6

Year to date (week 1 – 45)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
50267	2761	926	568	1125	38	2.2%	1.4%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 45, 2019

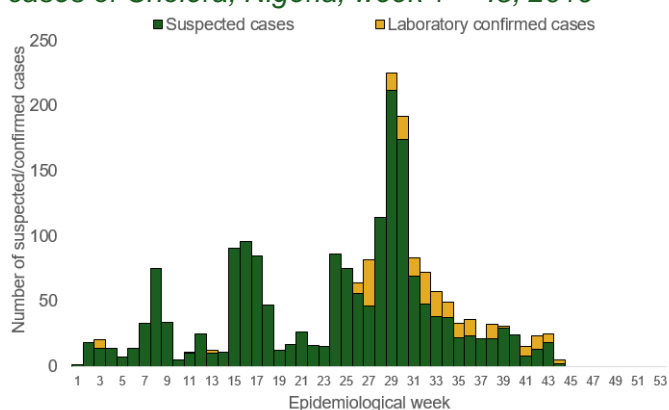
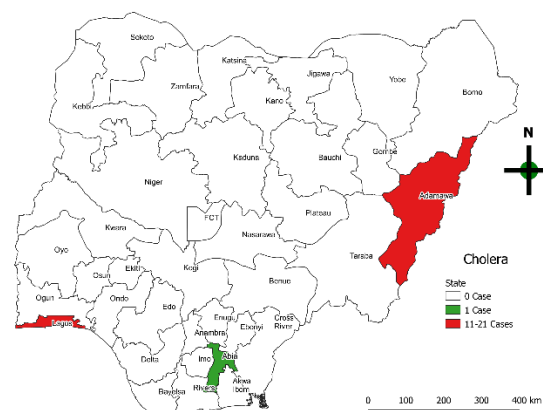


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 45, 2019



Key points

- There were 33 suspected cases of cholera reported from three LGAs in six states. There were 11 laboratory confirmed cases 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
- Communication team working with relevant TWGs to develop flood advisories

Planned:

- Follow up with states with active outbreaks and monitor non-reporting states

Measles

Week 45

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
452	0	10	State: 28 LGA: 127

Year to date (week 1 – 45)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
15723	57707	21	12236	123	287	0.8%	21%

Figure 11: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 45, 2019

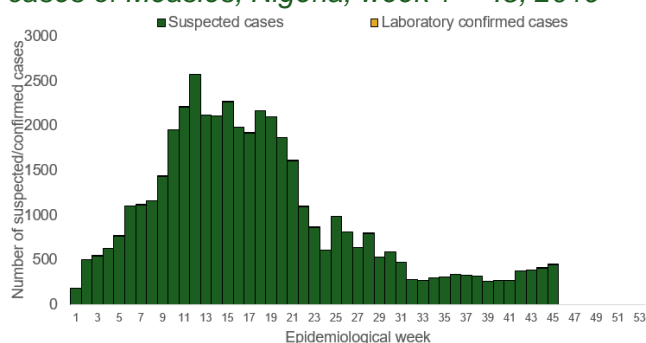
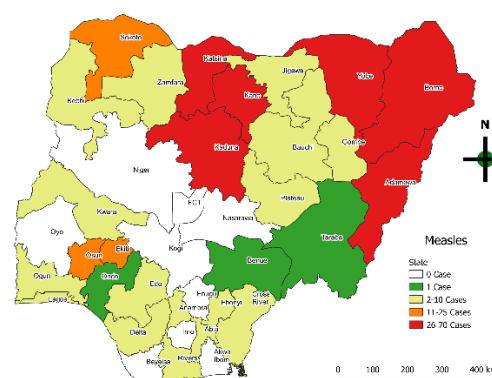


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 45, 2019



Key points

- There were 452 suspected cases of measles reported from 127 LGAs in 28 states. None was laboratory confirmed and ten deaths was recorded

Actions

To date

- The national measles Technical Working Group (TWG) is closely monitoring surveillance data and response activities across the country

Planned:

- Continue review of measles surveillance data across the country

Monkeypox

Week 45

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

Year to date (week 1 – 45)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
103	101	42	43	1	2	1%	2%

Figure 13: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1–45, 2019

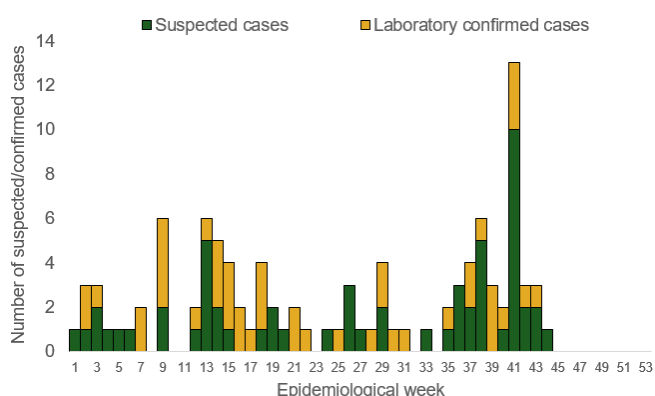
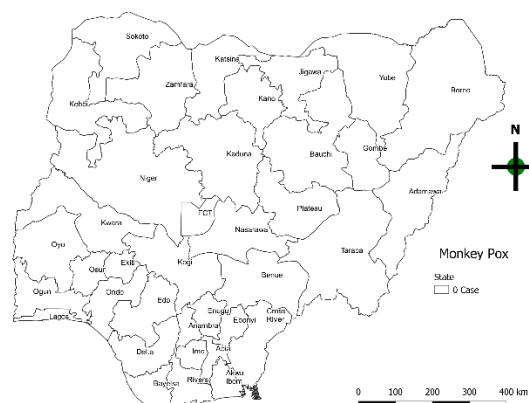


Figure 14: Location of suspected cases of Monkeypox by State, Nigeria, week 45, 2019



Key points

- There were no suspected cases of monkeypox reported this week.

Actions

- The national Monkeypox Technical Working Group (TWG) is monitoring activities in all states

Planned

- Regional monkeypox surveillance training in South East, South West and North Central in November 2019

Acute Flaccid Paralysis (AFP)

Week 45

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
141	0	0	State: 29 + FCT LGA: 116

Year to date (week 1 – 45)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
7660	5664	0	0	0	0	0%	0%

Figure 15: Number of suspected and confirmed cases of AFP, Nigeria, week 1– 45, 2019

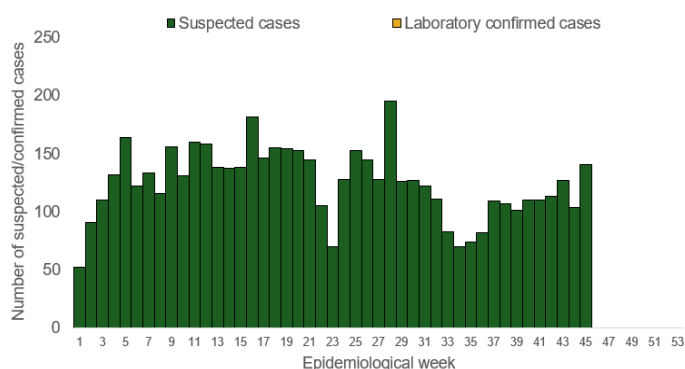
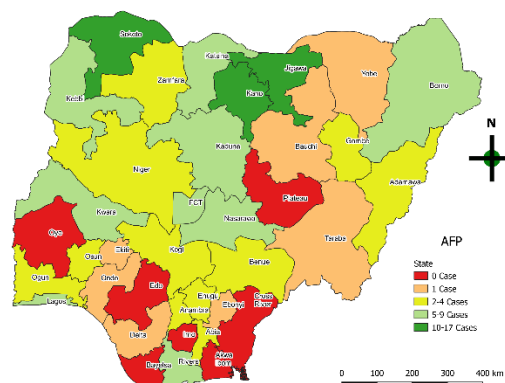


Figure 16: Location of suspected cases of AFP by State, Nigeria, week 45, 2019



Key points

- There were 141 suspected cases of AFP reported from 116 LGAs in 29 states and FCT. None was laboratory confirmed and no death was recorded

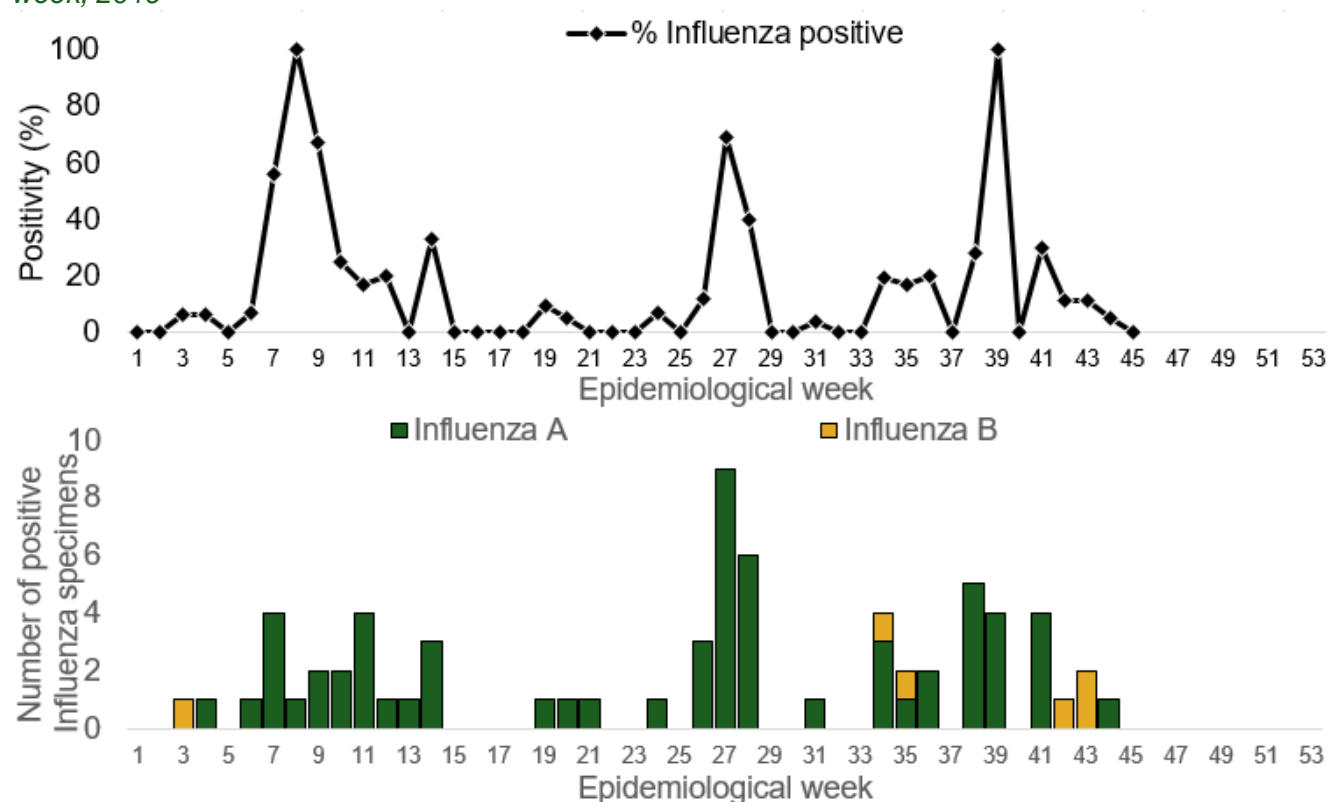
National Influenza Sentinel Surveillance

Year to date (week 1 – 45)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	552	504(91.3%)	48(8.1%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	68	9	63	9	5	0
Positivity (%)	12.3%	1.6%	12.5%	1.8%	10.4%	0%

Figure 17: Number of influenza positive specimens by type and percent positive by epidemiological week, 2019



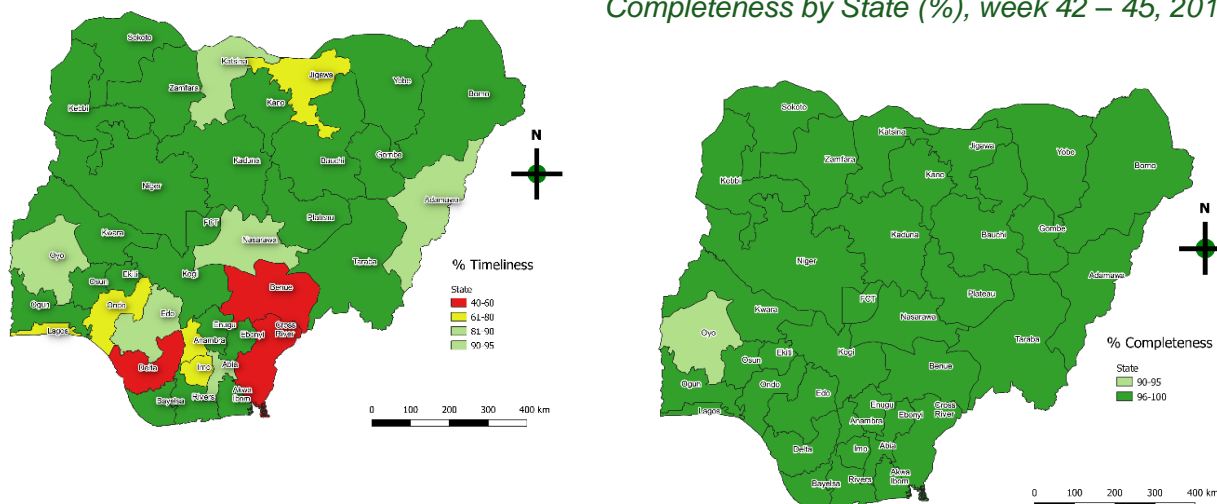
Key points

There were 78 processed samples positive for influenza, with 68 for influenza A, 9 for influenza B and 1 for influenza A & B

Timeliness and Completeness of Reports

Last 4 weeks (week 42 - 45, 2019)

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), week 42 – 45, 2019



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 42 – 45	Year to date Week 1- 45
Reports sent on time	121	1469
Reports sent late	23	190
Reports not received	4	6
Timeliness	81.8%	88%
Completeness	97.3%	100%

States with reports not received in 2019 (week 1 – 45)

State	Week(s) report not received
Akwa Ibom	45
Delta	10, 12
Oyo	43, 44, 45

Timeliness and Completeness of Reports by State

Year to date (week 1 – 45)

State	Timeliness (%)	Completeness (%)
Abia	82	100
Adamawa	89	100
Akwa Ibom	93	98
Anambra	78	100
Bauchi	93	100
Bayelsa	100	100
Benue	58	100
Borno	91	100
Cross River	47	100
Delta	58	96
Ebonyi	98	100
Edo	89	100
Ekiti	100	100
Enugu	93	100
FCT	100	100
Gombe	93	100
Imo	80	100
Jigawa	80	100
Kaduna	93	100
Kano	100	100
Katsina	89	100
Kebbi	95	100
Kogi	91	100
Kwara	93	100
Lagos	78	100
Nasarawa	89	100
Niger	91	100
Ogun	96	100
Ondo	73	100
Osun	100	100
Oyo	82	93
Plateau	93	100
Rivers	93	100
Sokoto	100	100
Taraba	91	100
Yobe	100	100
Zamfara	96	100