



Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 48: 25th – 01st December 2019

Highlight of the Week

DEVELOPING NIGERIA'S NATIONAL MULTI-HAZARD PUBLIC HEALTH EMERGENCY PREPAREDNESS AND RESPONSE PLAN



Given the tropical climate, population density and increasing migration, Nigeria is vulnerable to large outbreaks and other public health emergencies. Over the years, there have been outbreaks of epidemic prone diseases (Lassa fever, cholera, measles etc.) as well as humanitarian crisis in some parts of the country. This has highlighted the need for the development of a National Multi-hazard Public Health Emergency Preparedness and Response Plan to link all relevant sectors pre-, during and post emergencies. This gap was also identified during Nigeria's first and midterm Joint External Evaluation of International Health Regulations (IHR) capacities conducted in 2017 and 2019 respectively.

In response to this need, the Nigeria Centre for Disease Control (NCDC) supported by the World Health Organization (WHO) AFRO and WHO Country Office conducted a hazard profiling and Vulnerability and Risk Assessment Mapping (VRAM) across 18 selected states across six geo-political zones in Nigeria. This was the first step in the development of a national multi-hazard plan, as hazards were identified and characterised based on existing vulnerabilities and capacities.

Following the initial assessment, NCDC and WHO convened a five-day workshop from the 2nd - 6th of December 2019 in Abuja, Nigeria. The meeting had 70 participants in attendance representing the Presidency, relevant Ministries, Departments and Agencies as well as key development partners. The objectives of the workshop were to:

1. Develop a draft national multi hazard public health emergency preparedness plan
2. Align the draft national multi hazard public health emergency preparedness plan to National contingency preparedness and response plan (NEMA).
3. Support the orientation of sub-national level on the development of public health multi hazard preparedness plans

At the end of the workshop, the objectives were met and a draft plan was developed. Following this deliverable, a core group will work to complete and pilot the plan; develop a costed implementation plan; validate and disseminate the final version. The group of stakeholders also agreed to carry out periodic review and update of the plan. The goal is for the plan to be published by the end of January 2020.

This plan will guide and provide a high level, unifying multi-sectoral, strategic framework for public health emergency preparedness and response for infectious and non-infectious hazards in Nigeria.

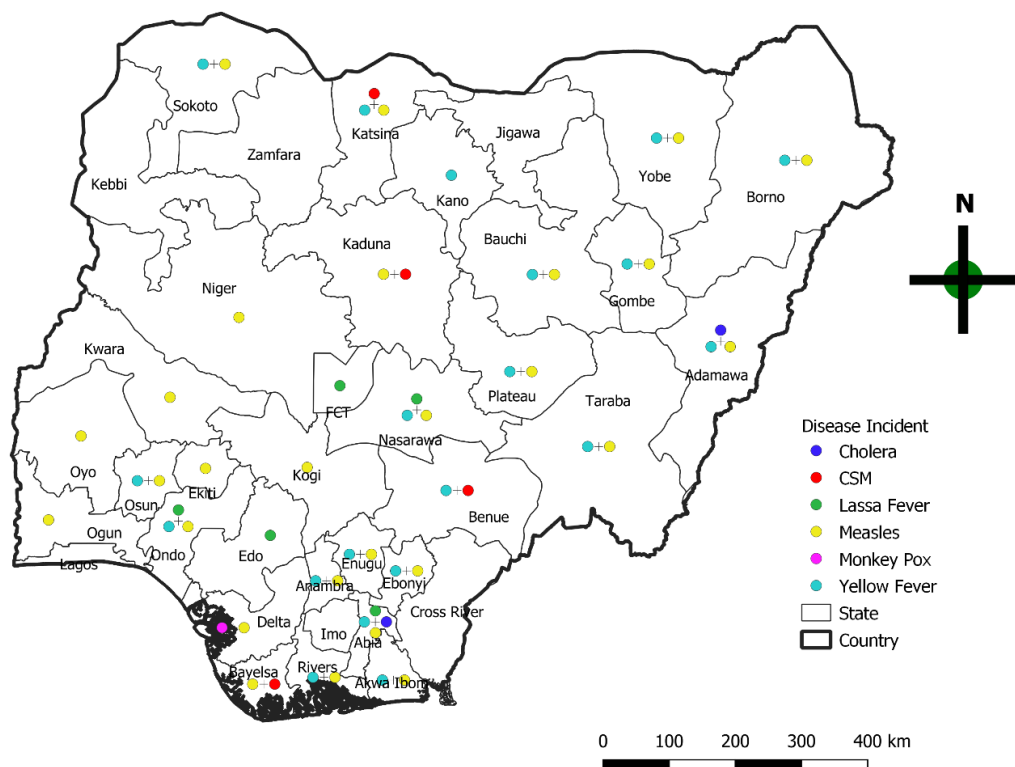
Summary of Incidents

Ongoing incidents

0

Ongoing Incidents are defined as confirmed cases where a national EOC or equivalent has been activated (EOC was deactivated for Yellow Fever in epi-week 48)

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



Data Source: SITAware

Summary

Week 48: 25th – 01st December 2019

Lassa Fever_{1,2}	Cerebrospinal Meningitis (CSM)_{3,4}	Yellow Fever_{3,4}
90 Suspected cases	15 Suspected cases	61 Suspected cases
8 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}
14 Suspected cases	346 Suspected cases	3 Suspected case(s)
5 Confirmed cases	0 Confirmed cases	1 Confirmed cases
1 Death(s)	1 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP)_{3,4}	National Sentinel influenza surveillance₅	
116 Suspected cases	4 Suspected cases	
0 Confirmed Polio	0 Confirmed cases	

Timeliness of reports₃	Completeness of reports₃
91.2% Last 4 weeks	100% 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 48

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
90	8	2	State: 9 LGA: 14

Year to date (week 1 – 48)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
3229	4771	581	793	147	162	25.3%	20.4%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 48, 2019

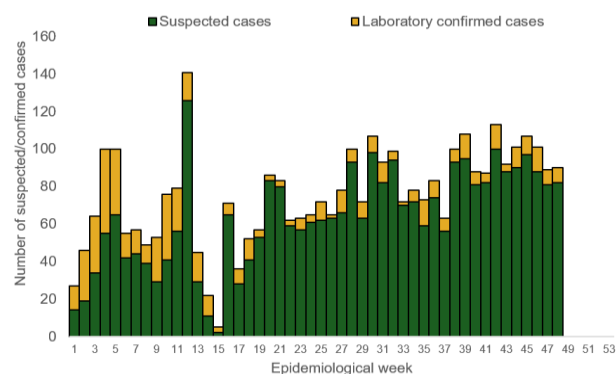
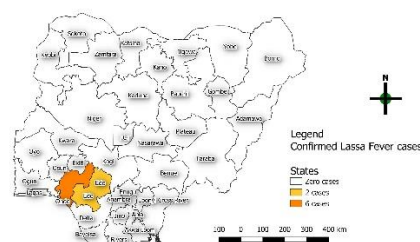


Figure 2: Location of **confirmed** cases of Lassa Fever by state, Nigeria, week 48, 2019



Key points

- There were 90 suspected cases of Lassa Fever (LF) reported from 14 LGAs in nine states (Edo – 50, Ondo – 4, Ebonyi – 7, Bauchi – 2, Nasarawa – 1, Plateau – 1, Taraba – 1, Benue – 1 & Abia – 3). There were eight confirmed cases and no death was recorded

Actions

To date:

- National Lassa Fever multi-sectoral Technical Working Group (TWG) continues to coordinate response activities and support States
- Harmonisation of LF laboratory, case management and surveillance data into the SORMAS platform

Planned:

- Conduct meeting to finalise LF psychosocial guideline in December 2019
- Review of LF case management & surveillance tools and SOPs in December 2019
- Finalise advocacy packages for national and subnational policy/decision makers

Cerebrospinal Meningitis (CSM)

Week 48

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
15	0	0	State: 3 LGA: 6

Year to date (week 1 – 48)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
4448	2065	318	126	359	103	8.1%	5.0%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 48, 2019

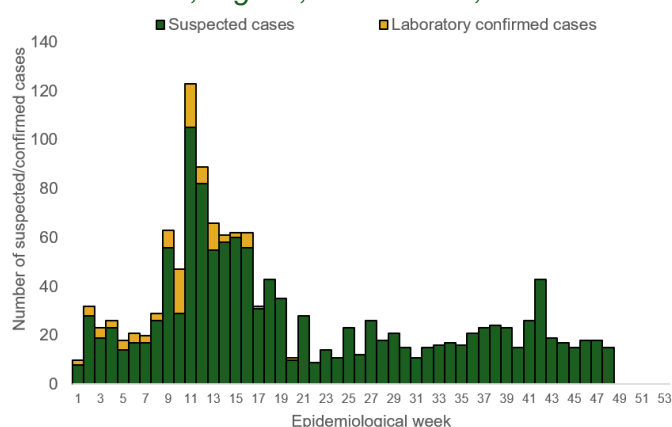
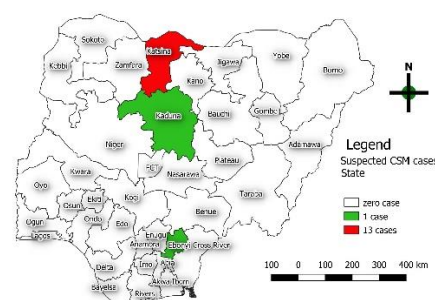


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 48, 2019



Key points

There were 15 suspected cases of Cerebrospinal Meningitis (CSM) reported from six LGAs in three states (Ebonyi – 1, Kaduna – 1 & Katsina – 13). None was laboratory confirmed and no death was recorded

Actions

To date:

- National CSM Technical Working Group (TWG) meets weekly to review reports from states and plan appropriately
- Ongoing After Action Review meeting (AAR) with five states (Katsina, Sokoto, Zamfara, Ebonyi and Cross river)

Planned:

- Continue harmonisation of the national line list and SORMAS data

Yellow Fever

Week 48

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
61	0	3	State: 18 + FCT LGA: 40

Year to date (week 1 – 48)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
2540	3318	7	10	1	47	0%	1.4%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 48, 2019

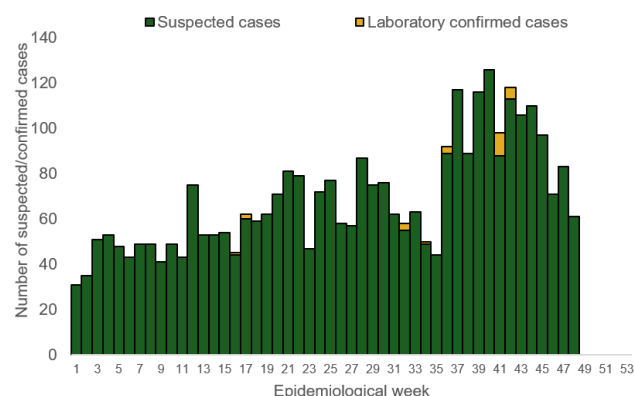
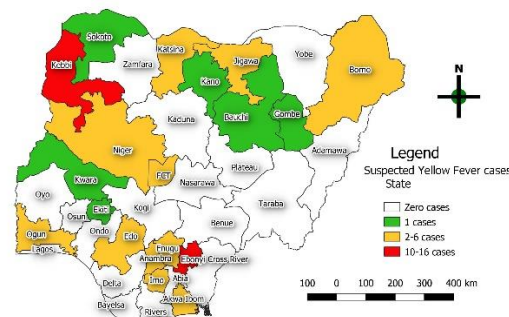


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 48, 2019



Key points

- There were 61 suspected cases of Yellow Fever (YF) reported from 40 LGAs in 18 states and FCT. None was laboratory confirmed and three deaths was recorded

Actions

To date:

- National multiagency YF EOC is coordinating response activities
- National Rapid Response Team (RRT) deployed to Bauchi, Benue and Katsina states
- International Coordinating Group (ICG) request for vaccines developed for Bauchi state (Ningi LGA) and Benue state (Gwer west and Makurdi LGAs) with NPHCDA
- Accreditation visit to NCDC National Reference Lab (NRL) by WHO AFRO laboratory team

Planned:

- Follow up on outcome of ICG request

Cholera

Week 48

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
14	5	1	State: 3 LGA: 5

Year to date (week 1 – 48)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
50620	3439	956	593	1132	60	2.2%	1.7%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 48, 2019

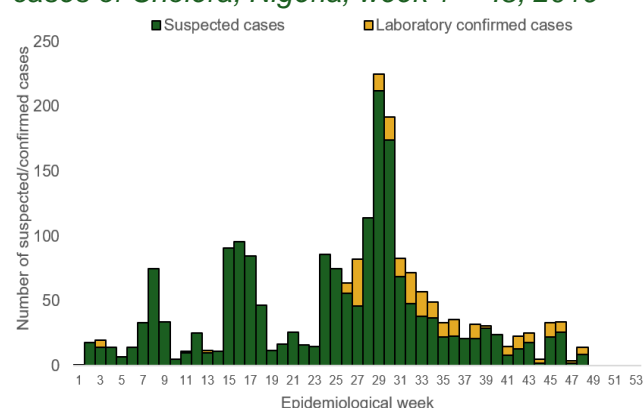
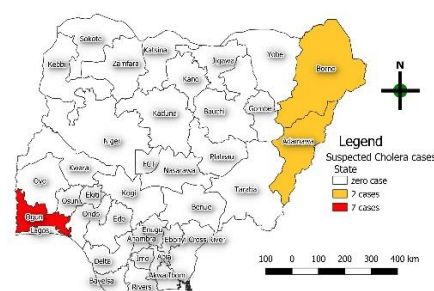


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 48, 2019



Key points

- There were fourteen suspected cases of cholera reported from five LGAs in three states (Adamawa – 5, Borno – 2 & Ogun – 7). There were five laboratory confirmed cases and one death was recorded

Actions To date

- National cholera multi-sectoral Technical Working Group (TWG) is monitoring all states and supporting affected states
- Development of flood advisory by the communication team working with relevant TWGs

Planned:

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

Measles

Week 48

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
346	0	1	State: 30 LGA: 152

Year to date (week 1 – 48)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
16399	58931	21	1881	124	289	0.8%	0.5%

Figure 11: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 48, 2019

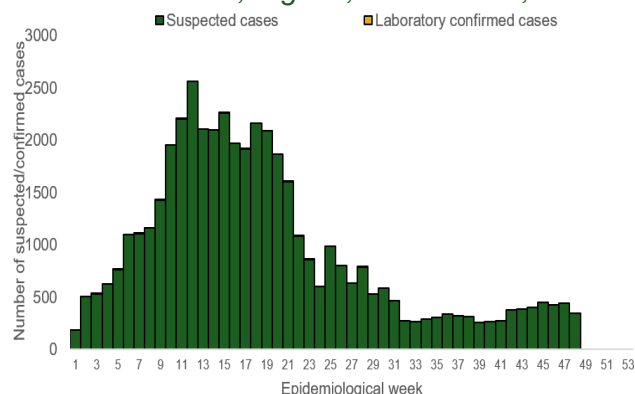
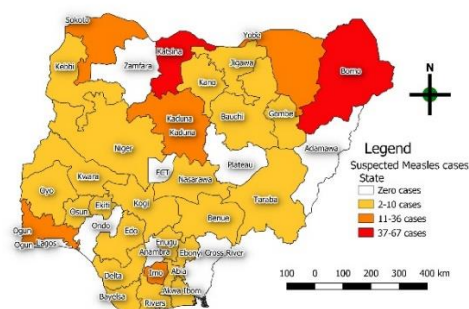


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 48, 2019



Key points

- There were 346 suspected cases of measles reported from 152 LGAs in 30 states. None was laboratory confirmed 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 guideline review meeting

Planned:

- Continue the review of measles surveillance data across the country
- Finalise measles surveillance guideline
- Review implementation of sentinel sites for Congenital Rubella Syndrome in Nigeria

Monkeypox

Week 48

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
3	1	0	State: 2 LGA: 2

Year to date (week 1 – 48)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
87	106	39	44	1	2	1.1%	1.9%

Figure 13: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1–48, 2019

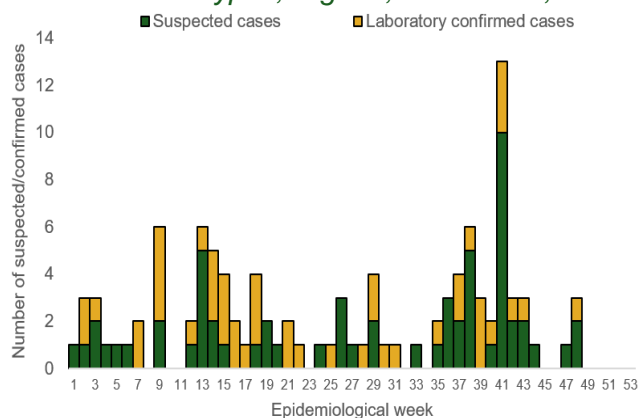
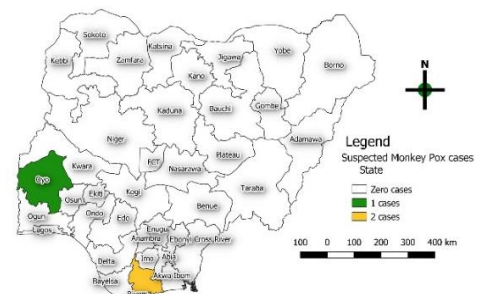


Figure 14: Location of suspected cases of Monkeypox by State, Nigeria, week 48, 2019



Key points

- There were three suspected cases of monkeypox reported from two LGAs in two states (Oyo – 1 & Rivers – 2)

Actions

- National Monkeypox Technical Working Group (TWG) is monitoring activities in all states
- Follow up with Laboratory and Tranex courier service for prompt sample delivery

Planned:

- Enhance surveillance for monkeypox in high burden states, working with the animal health colleagues.
- Conduct regional monkeypox surveillance training in South East and North Central in January 2020
- Follow up to ensure all contacts are line listed and monitored for 21 days

Acute Flaccid Paralysis (AFP)

Week 48

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
116	0	0	State: 30 + FCT LGA: 86

Year to date (week 1 – 48)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
8138	6000	0	0	0	0	0%	0%

Figure 15: Number of suspected and confirmed cases of AFP, Nigeria, week 1– 48, 2019

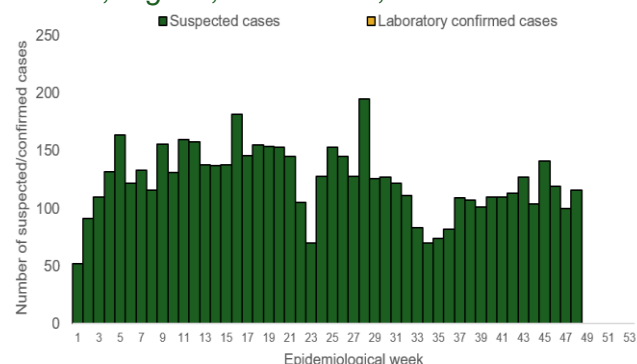
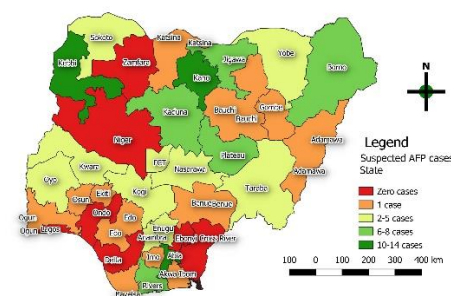


Figure 16: Location of suspected cases of AFP by State, Nigeria, week 48, 2019



Key points

- There were 116 suspected cases of AFP reported from 86 LGAs in 30 states and FCT. None was laboratory confirmed and no death was recorded

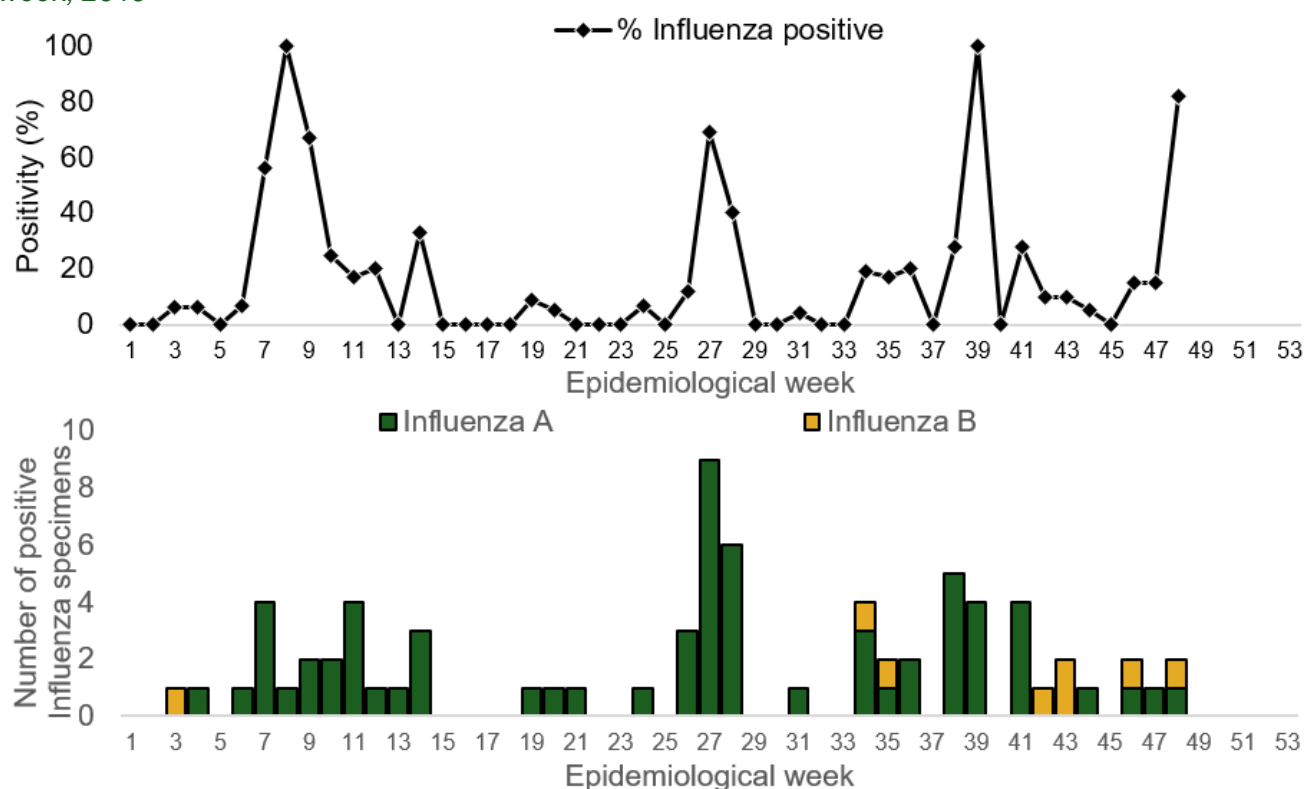
National Influenza Sentinel Surveillance

Year to date (week 1 – 48)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	593	535(90.2%)	58(9.8%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	69	13	64	11	5	2
Positivity (%)	83.1%	1.6%	12.0%	2.1%	8.6%	3.4%

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



Key points

There were 82 processed samples positive for influenza, with 68 for influenza A, 13 for influenza B and 1 for influenza A & B

Timeliness and Completeness of Reports

Last 4 weeks (week 45 - 48, 2019)

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), week 45 – 48, 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 45 – 48	Year to date Week 1- 48
Reports sent on time	135	1571
Reports sent late	13	203
Reports not received	0	2
Timeliness	91.2%	88%
Completeness	100%	100%

States with reports not received in 2019 (week 1 – 48)

State	Week(s) report not received
Delta	10, 12

Timeliness and Completeness of Reports by State

Year to date (week 1 – 48)

State	Timeliness (%)	Completeness (%)
Abia	83	100
Adamawa	90	100
Akwa Ibom	94	100
Anambra	79	100
Bauchi	94	100
Bayelsa	100	100
Benue	58	100
Borno	92	100
Cross River	48	100
Delta	60	96
Ebonyi	98	100
Edo	88	100
Ekiti	100	100
Enugu	94	100
FCT	100	100
Gombe	94	100
Imo	79	100
Jigawa	79	100
Kaduna	94	100
Kano	100	100
Katsina	90	100
Kebbi	94	100
Kogi	92	100
Kwara	94	100
Lagos	79	100
Nasarawa	88	100
Niger	92	100
Ogun	96	100
Ondo	75	100
Osun	100	100
Oyo	83	100
Plateau	94	100
Rivers	94	100
Sokoto	100	100
Taraba	92	100
Yobe	100	100
Zamfara	90	100