



Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 34: 19th – 25th August 2019

Highlight of the Week

Strengthening Epidemic Intelligence and Response Through National IDSR Guideline Review



The Integrated Disease Surveillance and Response Technical Guideline (IDSR TG) was developed in 2001 by the World Health Organization (WHO), to improve the capability for countries to detect and respond to 40 IDSR priority diseases. Taking into cognizance the changing epidemiological trends, the IDSR TG had undergone two revisions (2010 and 2018) and adaptations by WHO-AFRO. In the face of current public health threats and as a form of continuous improvement process, the Nigeria Centre for Disease Control (NCDC) in conjunction with key stakeholders have also carried out two in-country revisions and adaptations (2013 and 2019). The most recent revision of the IDSR TG was carried out in August 2019.

The objectives of the most recent review workshop were to:

1. Review and adapt the AFRO generic IDSR technical guidelines
2. Consolidate all the reviewed and adapted sections of IDSR guidelines into one document before validation meeting
3. Validate the guideline by accepting and adopting all the changes and modifications made

Widely attended by experts from national institutions and development partners, the review workshop provided a unique opportunity to brainstorm on the critical ways to improve the current IDSR TG, bearing in mind the evolving public health challenges. Some of the partners in attendance were the representatives from the relevant national institutions, and development partners such as WHO, UNICEF, United States CDC, Public Health England, Africa Field Epidemiology Network, Resolve to Save Lives, University of Maryland (Baltimore) etc.

With increasing detection of diseases such as monkeypox and yellow fever in Nigeria, it is anticipated that the guideline when completed would support the use of evidence-based strategies for disease control.

Disease surveillance is critical, from local government to state and federal levels. It is critical that relevant stakeholders show high level of commitment and provide resources for the implementation of IDSR in Nigeria.

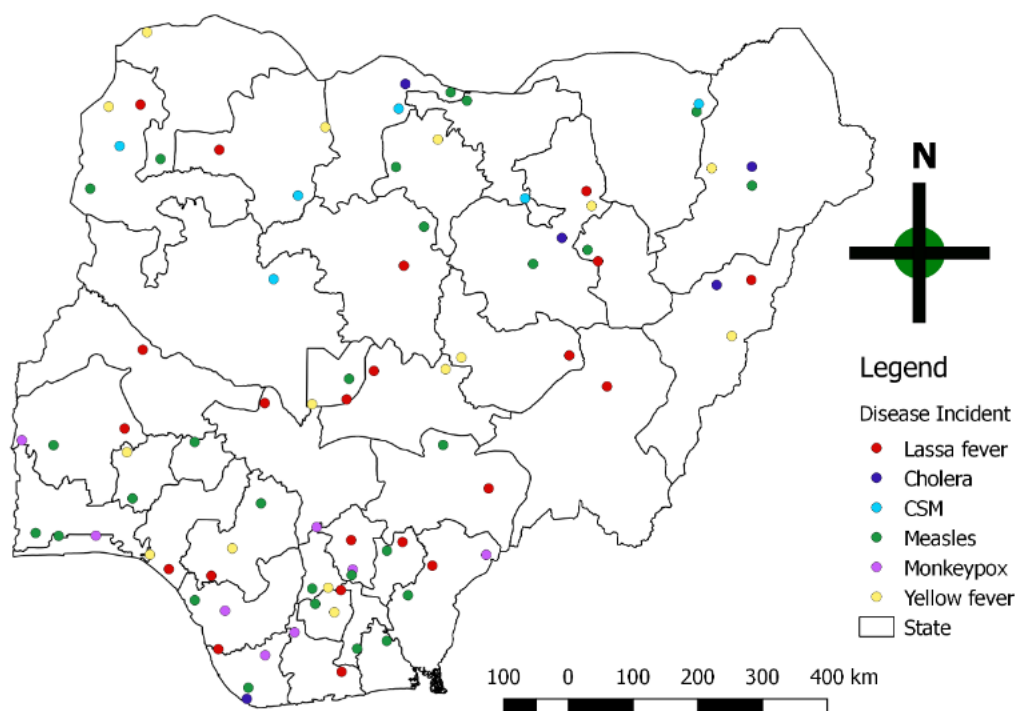
Summary of Incidents

Ongoing incidents

0

Ongoing Incidents are defined as confirmed cases where a national EOC or equivalent has been activated.

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



Data source: SITAware

Summary

Week 34: 19th – 25th August 2019

Lassa Fever _{1,2}	Cerebrospinal Meningitis (CSM) _{3,4}	Yellow Fever _{3,4}
78 Suspected cases	17 Suspected cases	50 Suspected cases
6 Confirmed case(s)	0 Confirmed cases	1 Confirmed cases
0 Death(s)	0 Death(s)	0 Death(s)
Cholera _{3,4}	Measles _{3,4}	Monkeypox _{1,4}
49 Suspected cases	294 Suspected cases	0 Suspected case(s)
12 Confirmed cases	0 Confirmed cases	0 Confirmed cases
0 Death(s)	0 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) _{3,4}	National Sentinel influenza surveillance ₅	
70 Suspected cases	21 Suspected cases	
0 Confirmed Polio	4 Confirmed cases	

Timeliness of reports ₃	Completeness of reports ₃
91% Last 4 weeks	98% Last 4 weeks
89% 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 34

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
78	6	0	State: 13 LGA: 16

Year to date (week 1 – 34)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
2434	3545	492	664	130	145	26.4%	21.8%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 34, 2019

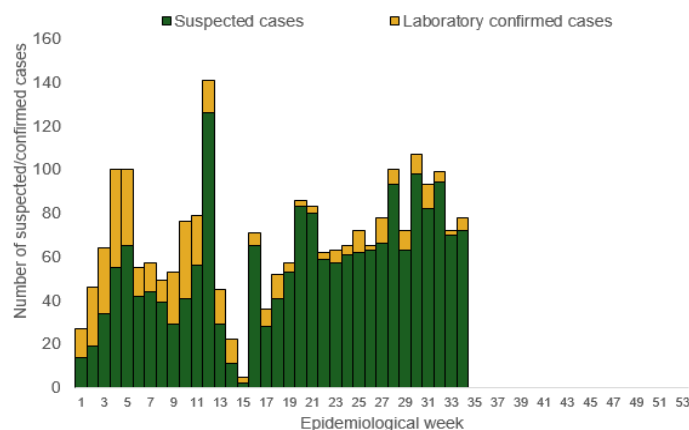
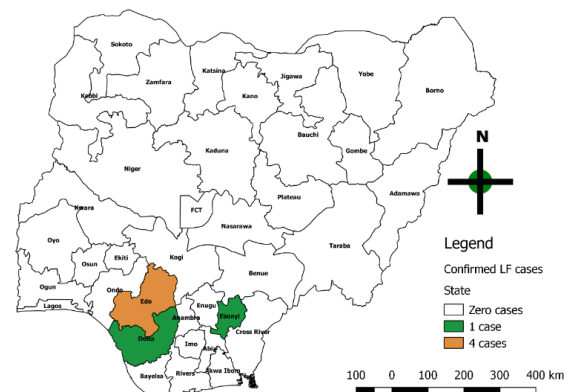


Figure 2: Location of **confirmed** cases of Lassa Fever by state, Nigeria, week 34, 2019



Key points

- There were 78 suspected cases of Lassa Fever (LF) reported from 16 LGAs in 13 states (Edo – 51, Ondo – 9, Ebonyi – 5, Bauchi – 4, Nasarawa – 1, Taraba – 1, Kwara – 1, Gombe – 1, Kaduna – 1, Kogi – 1, Delta – 1, Rivers – 1 & Cross River - 1). There were six confirmed cases and no death was recorded
- In the reporting, one new health care worker was infected in Ebonyi state. A total of 19 health care workers have been infected since the onset of the outbreak

Actions

To date:

- National LF multi-partner, multi-sectoral Technical Working Group (TWG) continues to coordinate the response activities at all levels
- Implementation of targeted risk communication and enhanced surveillance activities in affected states

Planned:

- Conduct a National After Action Review (AAR) retreat
- LF treatment centres assessment visit to Bauchi and Plateau states
- Finalise LF psychosocial guideline

Cerebrospinal Meningitis (CSM)

Week 34

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
17	0	0	State: 5 LGA: 9

Year to date (week 1 – 34)

Suspected cases	Confirmed cases	Deaths	CFR
2018 2019	2018 2019	2018 2019	2018 2019
4257 1575	318 101	355 74	8.3% 4.7%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 34, 2019

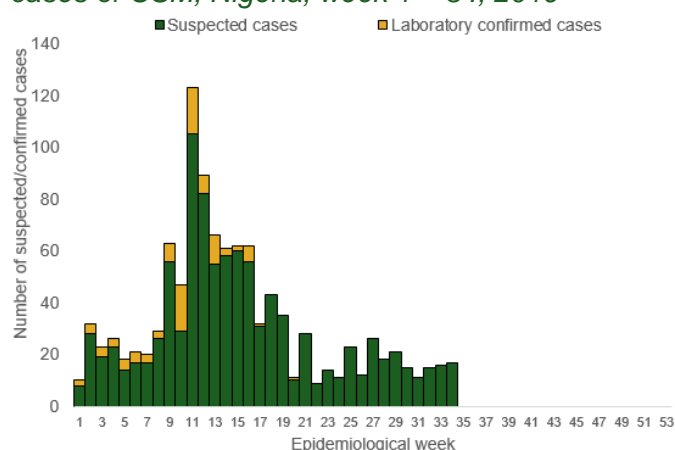
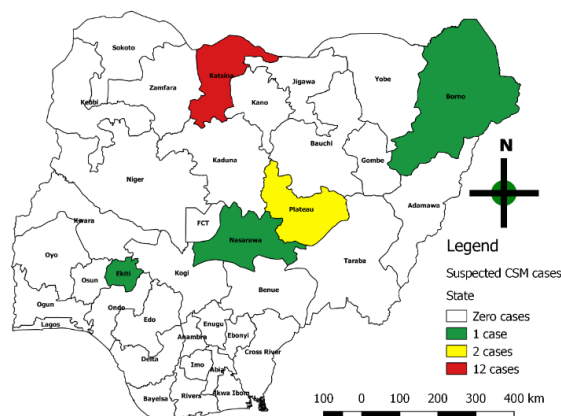


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 34, 2019



Key points

- There were 17 suspected cases of Cerebrospinal Meningitis reported from nine LGAs in five states (Borno - 1, Ekiti – 1, Katsina – 12, Nasarawa – 1, Plateau - 2). None was laboratory confirmed and no death was recorded

Actions

To date:

- The National CSM TWG meets weekly to review reports from states and plan appropriately

Planned:

- Conduct AAR
- Harmonise surveillance and laboratory data
- Conduct case and data management training in Sokoto state from 26th – 28th September 2019

Yellow Fever

Week 34

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
50	1	0	State: 16 LGA: 40

Year to date (week 1 – 34)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
1720	1986	5	44	0	51	0%	2.6%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 34, 2019

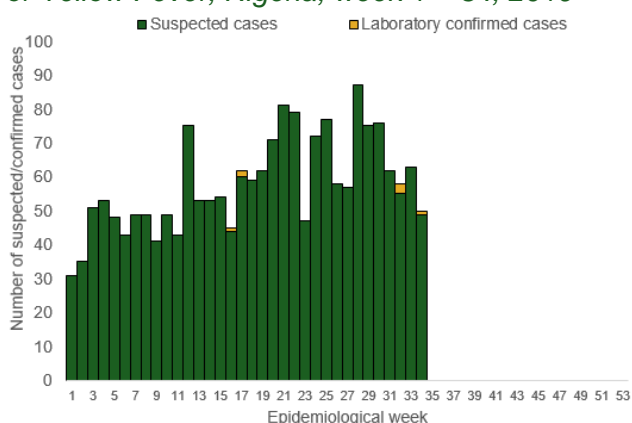
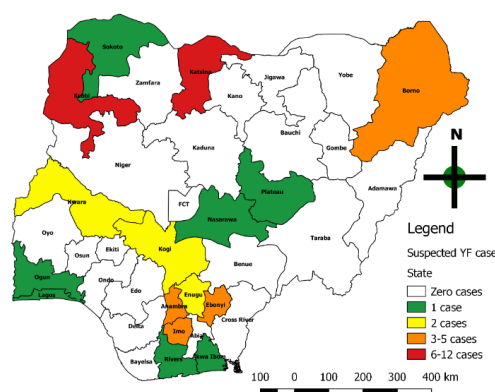


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 34, 2019



Key points

There were 50 suspected cases of Yellow Fever reported from 40 LGAs in 16 states. There was one confirmed case and no death was recorded

Actions

To date:

- The multiagency YF TWG is coordinating national response activities
- The Ebonyi and Katsina states Incident Coordination Centres are leading the outbreak investigation with support from the National team (NCDC) and WHO
- A Rapid Response Team (RRT) deployed to Bauchi state to assess the outbreak
- Three new laboratories added to the Yellow fever laboratory network

Planned:

- Reactive mass vaccination campaign in the eight selected LGAs in Ebonyi state is proposed for September 2019
- Scale up risk communication activities, advisories and press release on YF outbreak

Cholera

Week 34

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
49	12	0	State: 1 LGA: 3

Year to date (week 1 – 34)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
28921	2354	568	246	681	38	2.4%	1.6%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 34, 2019

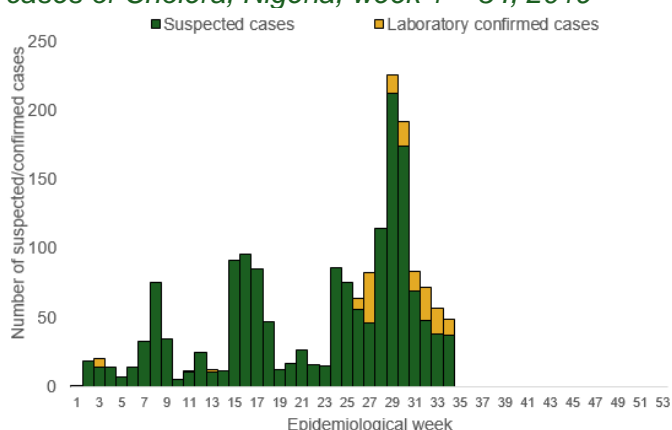
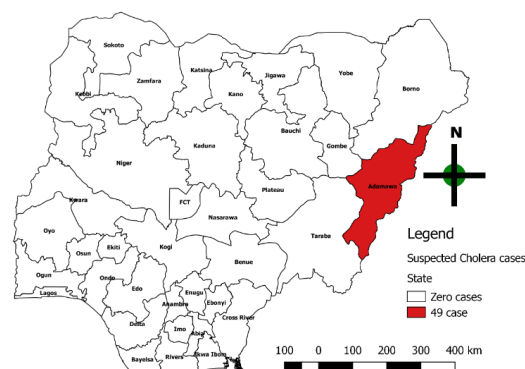


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 34, 2019



Key points

There were 49 suspected cases of Cholera reported from three LGAs in Adamawa State (Girie – 6, Yola North – 34, Yola South - 9). There were 12 laboratory confirmed cases and no death was recorded

Actions

To date:

- The National Cholera TWG continues to coordinate activities in Adamawa state in collaboration with the Federal Ministry of Water Resources (FMWR) and support from partners
- Adamawa state EOC continues to coordinate response with support from partners
- Training of 19 Health care workers on Infection Prevention and Control (IPC) skills in Adamawa state

Planned:

- Engage private facilities on case management and reporting
- Conduct AAR from 26th- 27th September, 2019
- Follow up with states with active outbreak and monitoring of non-reporting states

Measles

Week 34

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
294	0	0	State: 26 + FCT LGA: 120

Year to date (week 1 – 34)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
13548	51175	15	2089	100	259	0.7%	0.5%

Figure 11: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 34, 2019

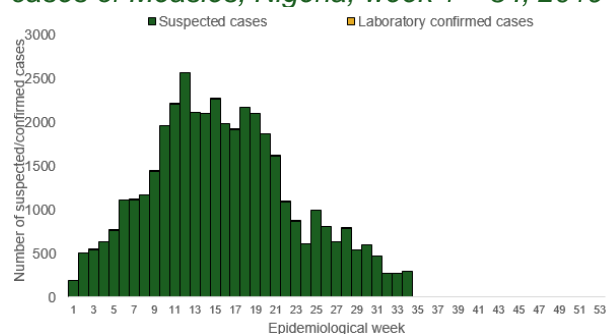
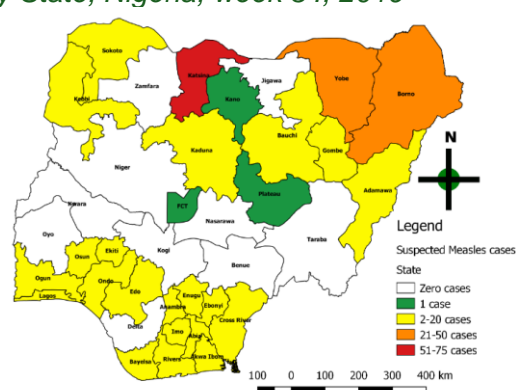


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 34, 2019



Key points

- There were 294 suspected cases of measles reported from 120 LGAs in 26 States and FCT. None was laboratory confirmed and no death was recorded

Actions

To date:

- The multi-agency National Measles TWG is monitoring and coordinating response activities across the states
- The TWG is working closely with NPHCDA towards Measles Supplemental Immunization Activity in Nigeria

Planned:

- Continue review of measles surveillance data across the country

Monkeypox

Week 34

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

Year to date (week 1 – 34)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
72	62	38	32	1	2	1.4%	3.2%

Figure 13: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1–34, 2019

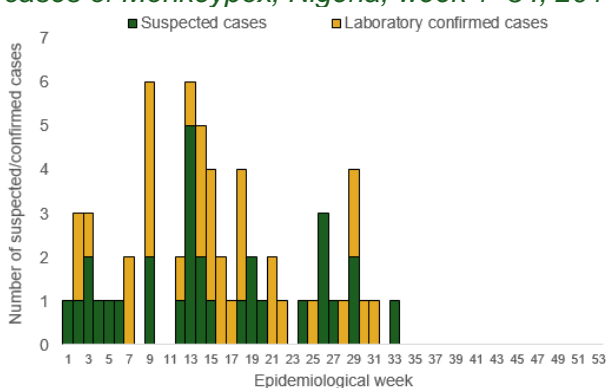
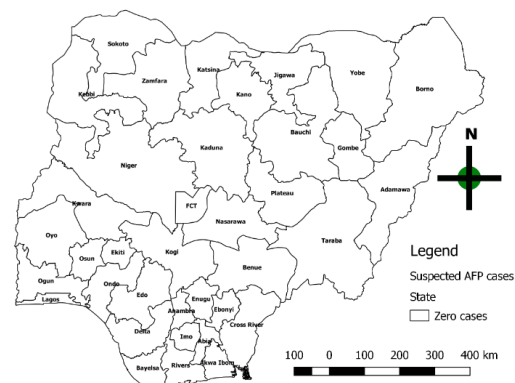


Figure 14: Location of suspected cases of Monkeypox by State, Nigeria, week 34, 2019



Key points

- There was no suspected case of Monkeypox reported this week

Actions

To date:

- The Monkeypox TWG is monitoring and coordinating response activities across the states
- Surveillance has been enhanced in all states

Planned:

- Visit to non-reporting states in North-Central, South-East, South-West and South-South zones
- Conduct regional Monkeypox surveillance training in South-East and South-South Zone in September 2019

Acute Flaccid Paralysis (AFP)

Week 34

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
70	0	0	State: 27 + FCT LGA: 63

Year to date (week 1 – 34)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
5597	4465	0	0	0	0	0%	0%

Figure 15: Number of suspected and confirmed cases of AFP, Nigeria, week 1– 34, 2019

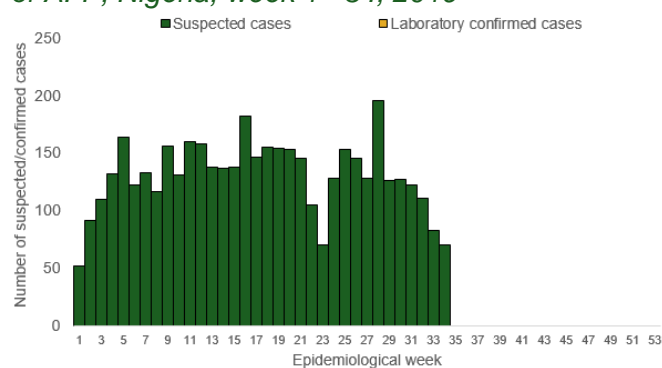
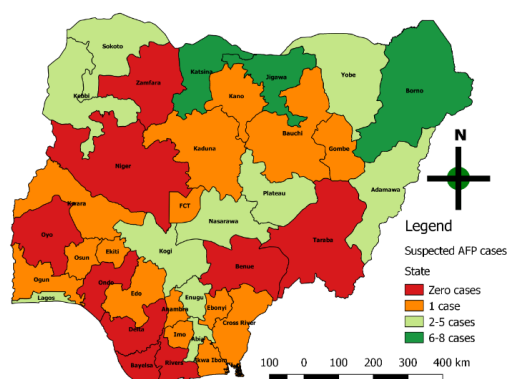


Figure 16: Location of suspected cases of AFP by State, Nigeria, week 34, 2019



Key points

- In the reporting week, 70 suspected cases of AFP were reported from 63 LGAs in 27 states and FCT

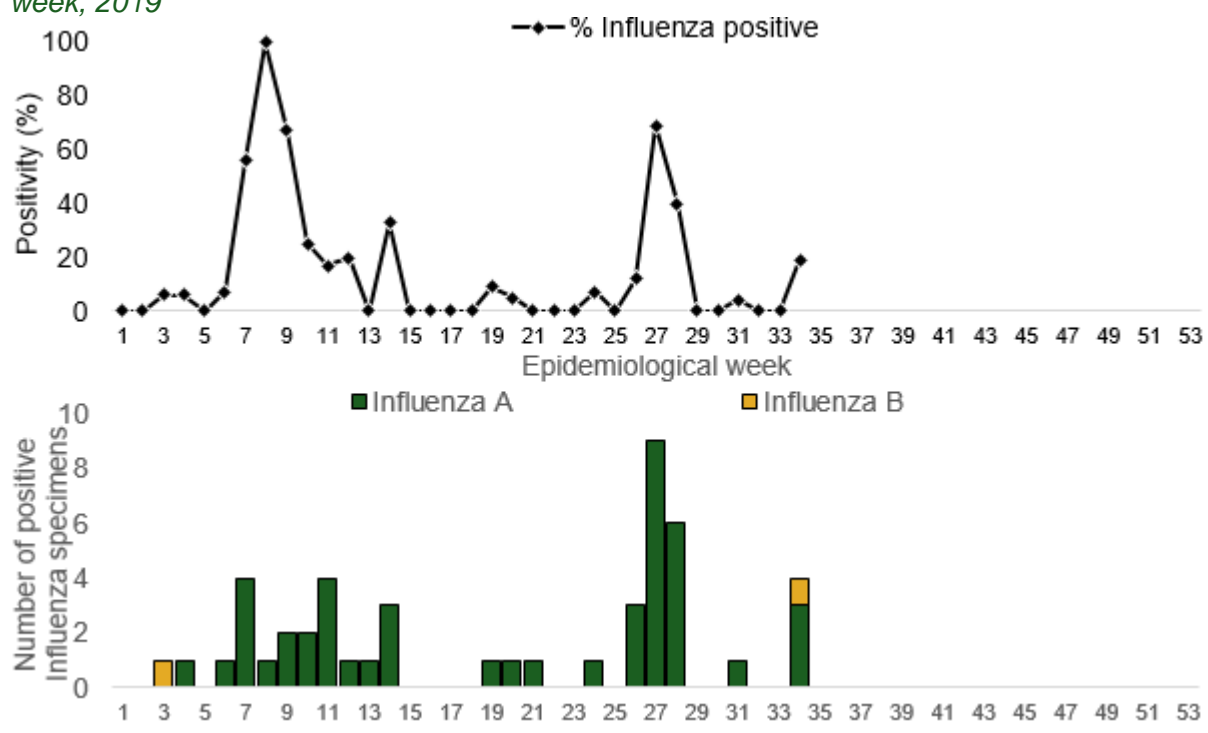
National Influenza Sentinel Surveillance

Year to date (week 1 – 34)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	358	324 (90.5%)	34 (9.5%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	48	2	44	2	4	0
Positivity (%)	13.4%	0.6%	12.3%	0.6%	1.1%	0%

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



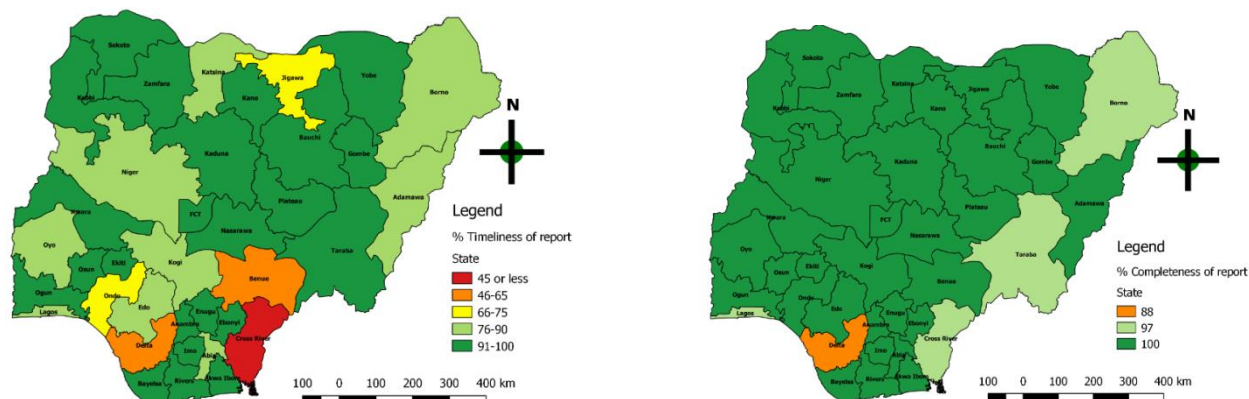
Key points

- There was a positive case of Influenza subtype A & B (0.3%)

Timeliness and Completeness of Reports

Last 4 weeks (week 31 - 34, 2019)

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), week 31 – 34, 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 31 – 34	Year to date Week 1- 34
Reports sent on time	134	1114
Reports sent late	11	138
Reports not received	3	6
Timeliness	91%	89%
Completeness	98%	100%

States with reports not received in 2019 (week 1 – 34)

State	Week(s) report not received
Borno	34
Delta	8, 10, 12, 34
Taraba	34

Timeliness and Completeness of Reports by State

Year to date (week 1 – 34)

State	Timeliness (%)	Completeness (%)
Abia	85	100
Adamawa	88	100
Akwa Ibom	94	100
Anambra	91	100
Bauchi	91	100
Bayelsa	100	100
Benue	53	100
Borno	88	97
Cross River	41	97
Delta	50	88
Ebonyi	97	100
Edo	85	100
Ekiti	100	100
Enugu	94	100
FCT	100	100
Gombe	94	100
Imo	91	100
Jigawa	74	100
Kaduna	97	100
Kano	100	100
Katsina	88	100
Kebbi	94	100
Kogi	88	100
Kwara	97	100
Lagos	79	97
Nasarawa	94	100
Niger	88	100
Ogun	97	100
Ondo	74	100
Osun	100	100
Oyo	88	100
Plateau	91	100
Rivers	91	100
Sokoto	100	100
Taraba	94	97
Yobe	100	100
Zamfara	97	100