



Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 51: 14th – 20th December 2020

Highlight of the Week

NCDC's Yuletide Communication Campaign: Implication for COVID-19 Control in 2021



In the last few months, many countries in the world have been begun to experience a “second wave” of coronavirus disease (COVID-19) pandemic, with a sudden increase in the number of cases and deaths reported. Nigeria has been recording increasing number of cases in the last eight weeks, across states. The Nigeria Centre for Disease Control (NCDC) in leading the public health response, has continued to escalate response activities including risk communications.

The Christmas/New Year period is usually associated with an increase in travel, social events and gatherings. However, these are risk factors that contribute to the spread of COVID-19. In anticipation of this and associated public health risks, one of the key pro-active strategies employed by the NCDC was an intensive risk communication campaign developed specifically for the Yuletide season. t

The NCDC launched a “Celebrate Responsibly Campaign” to raise awareness on measures to take, in reducing the risk of COVID-19 spread among Nigerians. This was done in collaboration with the PTF-COVID-19, State Departments of Public Health, Nigeria Governors’ Forum, Association of Local Governments of Nigeria, Nigeria Health Watch, media houses etc.

The key achievements and outputs from the campaign were:

1. 13 call-in radio appearances
2. Six television appearances
3. Six State-level media engagements (Lagos, Kano, Enugu, Abia, Yobe and Zamfara)
4. 20.2 million impressions on facebook
5. 1.34 million impressions on twitter
6. 361 thousand impressions on Instagram
7. 4.6 million impressions on telegram

As we begin the new year, and given the increasing spread of COVID-19, we urge all Nigerians to continue adherence to COVID-19 public health and safety measures. Wash your hands, wear a mask and watch your distance. These are proven measures to reduce the risk of spread of this disease, that continues to affect lives and livelihood.

In the coming days, the NCDC will continue the next phase of the ‘Take Responsibility’ campaign, reminding Nigerians of these critical measures. We remain committed to working with all relevant stakeholders to protect Nigerians from COVID-19 and other infectious diseases through timely risk communications.

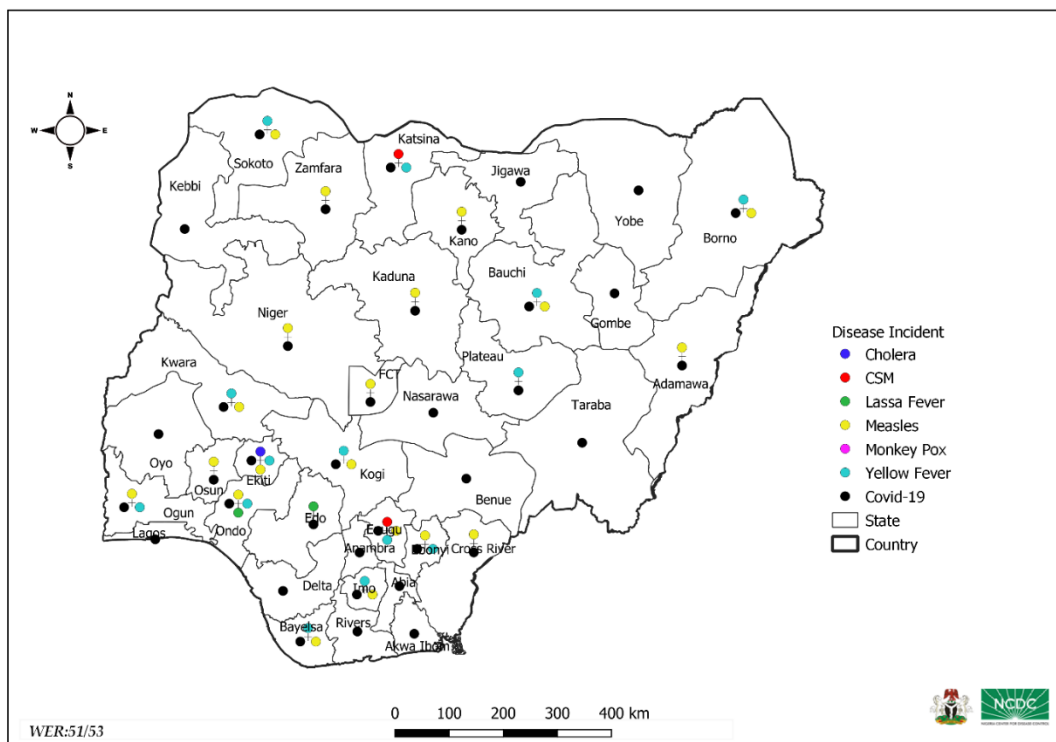
Summary of Incidents

Ongoing incidents

2

Ongoing incidents are defined as confirmed cases where a national EOC or equivalent has been activated (EOC is currently activated for COVID-19 and Yellow fever)

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



Summary

Week 51: 14th – 20th December 2020 (Coronavirus Disease as at 3rd January 2021)

Lassa Fever _{1,2}	Cerebrospinal Meningitis (CSM) _{3,4}	Yellow Fever _{3,4}
78 Suspected case(s)	2 Suspected case(s)	98 Suspected case(s)
12 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
1 Death(s)	0 Death(s)	0 Death(s)
Cholera _{3,4}	Measles _{3,4}	Monkeypox _{1,4}
2 Suspected case(s)	161 Suspected case(s)	0 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
0 Death(s)	0 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) _{3,4}	National Sentinel influenza surveillance ₅	Coronavirus Disease as at week 53 ₂
76 Suspected case(s)	0 Suspected case(s)	975,786 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	90,147 Confirmed case(s)
		1,311 Death(s)

Timeliness of reports ₃	Completeness of reports ₃
99.3% Last 4 weeks	100% Last 4 weeks
93.1% Year to date	100% 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 51

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
78	12	1	State: 9 LGA: 28

Year to date (week 1 – 51)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
4967	6668	817	1175	170	241	20.8%	20.6%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Weeks 1 – 51, 2020

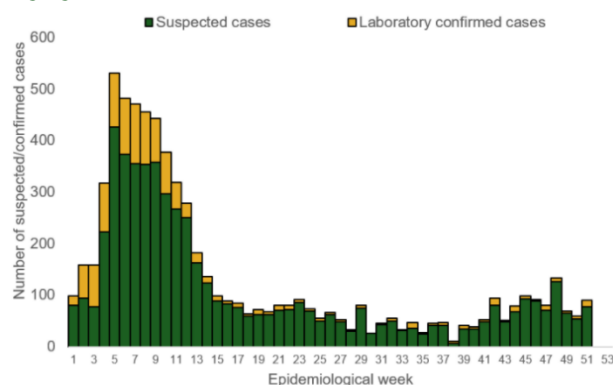
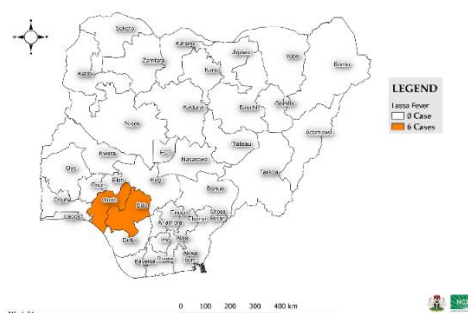


Figure 2: Location of **confirmed** cases of Lassa Fever by State, Nigeria, week 51, 2020



Key points

- There were 78 suspected cases, 12 were laboratory confirmed and one death was recorded from 10 LGAs in 2 States
- One new healthcare worker was affected in the reporting week 51

Actions

To date:

- National Lassa fever multi-partner, multi-sectoral Technical Working Group (TWG) continues to coordinate response activities at all levels
- Risk communication and community engagement activities have been scaled up across States using television, radio, print and social media

Planned:

- Continue mobilisation of resources
- Finalise Lassa fever five-year strategic plan

Cerebrospinal Meningitis (CSM)

Week 51

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

Year to date (week 1 – 51)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
2095	628	126	14	103	13	4.9%	2.1%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, weeks 1 – 51, 2020

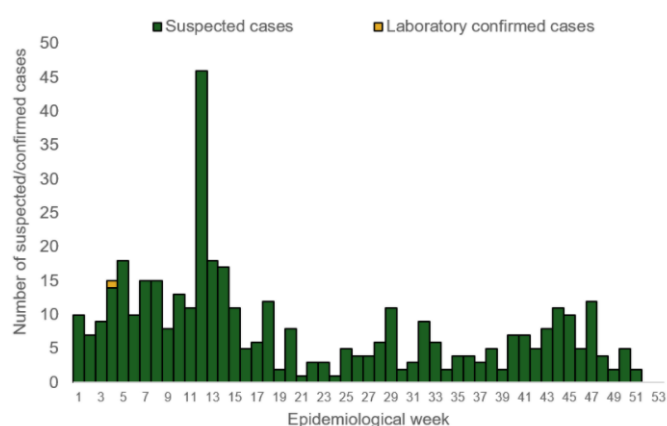
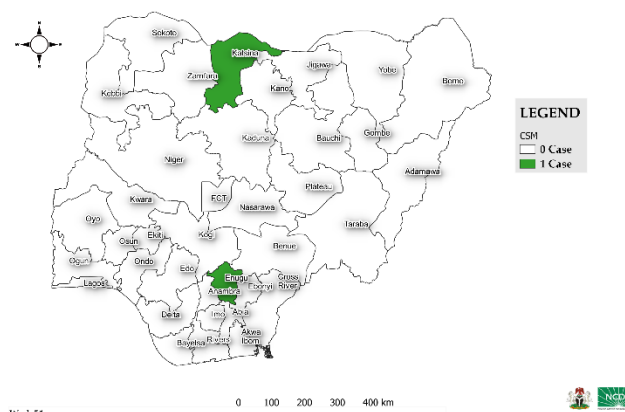


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 51, 2020



Key points

- There were two suspected cases of Cerebrospinal Meningitis (CSM) reported from two LGAs in two states. 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

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
98	0	0	State: 14 LGA: 31

Year to date (week 1 – 51)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
3453	3551	11	41	47	18	1.4%	0.6%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, weeks 1 – 51, 2020

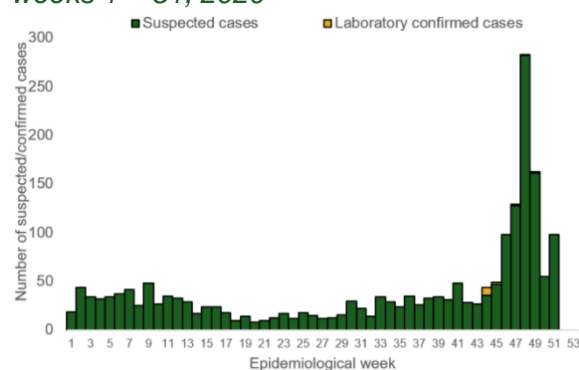
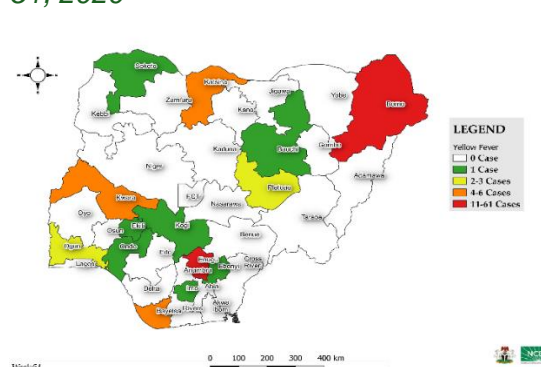


Figure 6: Location of suspected cases of Yellow Fever by States, Nigeria, week 51, 2020



Key points

- There were 98 suspected cases of Yellow Fever (YF) reported from 31 LGAs in 14 states. None was laboratory confirmed and no death was recorded

Actions

To date:

- National YF multi-partner Emergency Operations Centre (EOC) continues to coordinate response activities across states
- Nigeria has secured ICG approval for reactive mass vaccination campaign in 11 LGAs of Enugu (9) and Ebonyi (2) States
- Preventive mass vaccination campaigns (PMVC) have been concluded in all LGAs in Benue, Oyo, and Ondo States

Planned:

- Print IEC materials and distribute to States to sensitise communities and increase awareness for YF
- Continue to support affected States across all pillars of response
- Continue harmonisation of surveillance and laboratory data ongoing

Cholera

Week 51

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

Year to date (week 1 – 51)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
3504	1803	595	55	71	95	2%	5.4%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, weeks 1 – 51, 2020

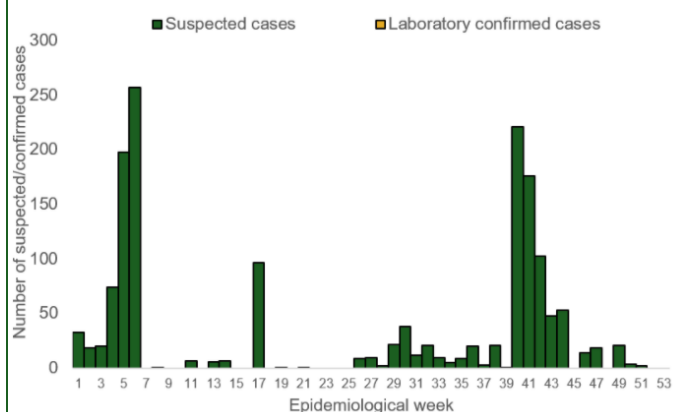
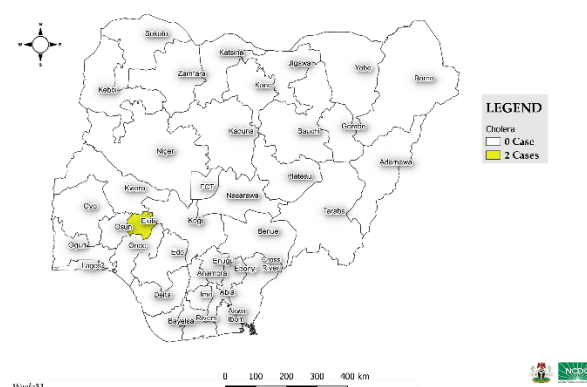


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 51, 2020



Key points

- There were two suspected cases of Cholera reported from Ado Ekiti LGA in Ekiti 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 affected states

Planned:

- Continue follow up and monitoring of non-reporting States
- Continue harmonisation of the national line list and SORMAS data

Measles

Week 51

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
161	0	0	State: 19 + FCT LGA:

Year to date (week 1 – 51)

Suspected cases	Confirmed cases	Deaths	CFR
2019 2020	2019 2020	2019 2020	2019 2020
61670 25531	2363 2430	288 134	0.5% 0.52%

Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, weeks 1 – 51, 2020

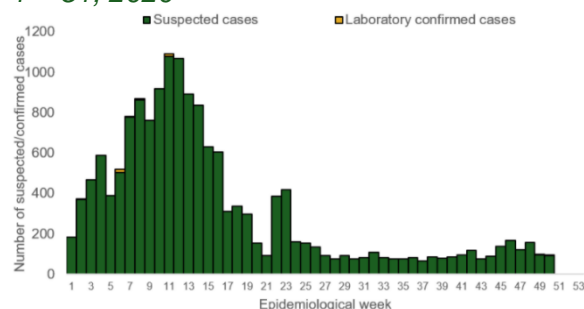
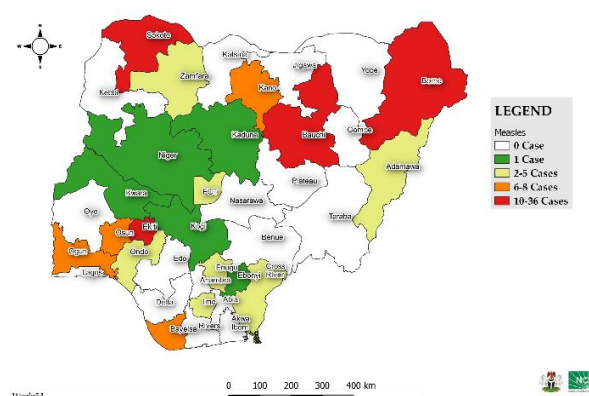


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 51, 2020



Key points

- There were 161 suspected cases of Measles reported from 51 LGAs in 19 states and FCT. There was no laboratory confirmed case and no death was recorded

Actions

To date

- National Measles TWG is closely monitoring measles surveillance data and providing feedback to relevant agencies and development partners
- Weekly surveillance and laboratory data harmonisation ongoing

Planned:

- Intensify follow up with States to update and transmit line list
- Continue monthly measles surveillance data review

Monkeypox

Week 51

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

Year to date (week 1 – 51)

Suspected cases	Confirmed cases	Deaths	CFR
2019 2020	2019 2020	2019 2020	2019 2020
116 31	44 6	2 0	1.7% 0%

Figure 11: Number of suspected and confirmed cases of Monkeypox, Nigeria, weeks 1 – 51, 2020

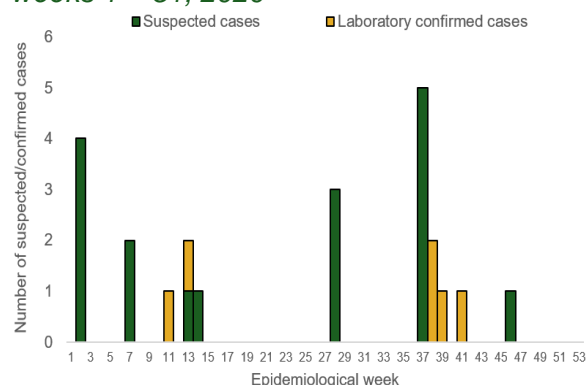
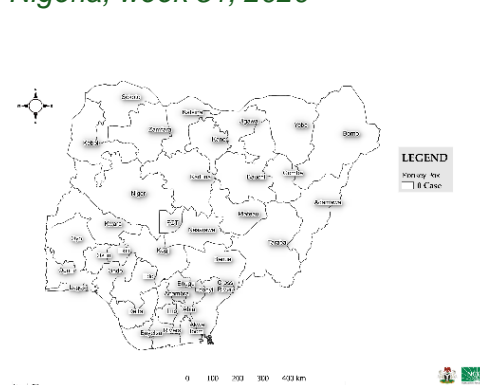


Figure 12: Location of suspected cases of Monkeypox by State, Nigeria, week 51, 2020



Key points

- There was no suspected case of monkeypox in the reporting week

Actions

To date

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

Planned:

- Enhance surveillance for monkeypox in high burden states
- Continue harmonisation of the national line list and SORMAS data

Acute Flaccid Paralysis (AFP)

Week 51

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
76	0	0	State: 23 + FCT LGA: 59

Year to date (week 1 – 51)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
6269	4479	0	0	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, weeks 1 – 51, 2020

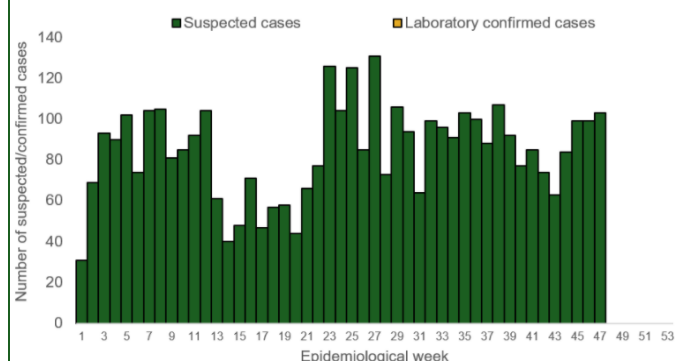
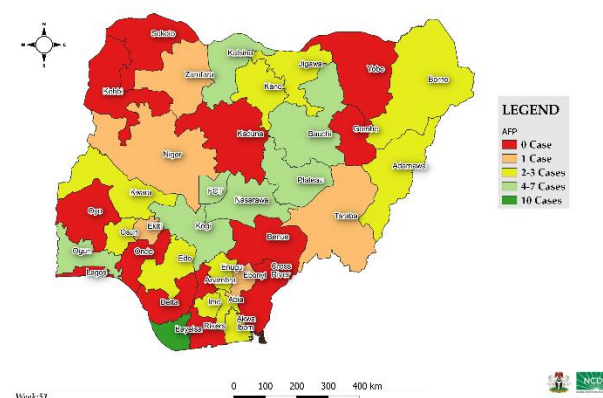


Figure 14: Location of suspected cases of AFP by State, Nigeria, week 51, 2020



Key points

- There were 76 suspected cases of AFP reported from 59 LGAs in 23 states and FCT. None was laboratory confirmed and no death was recorded

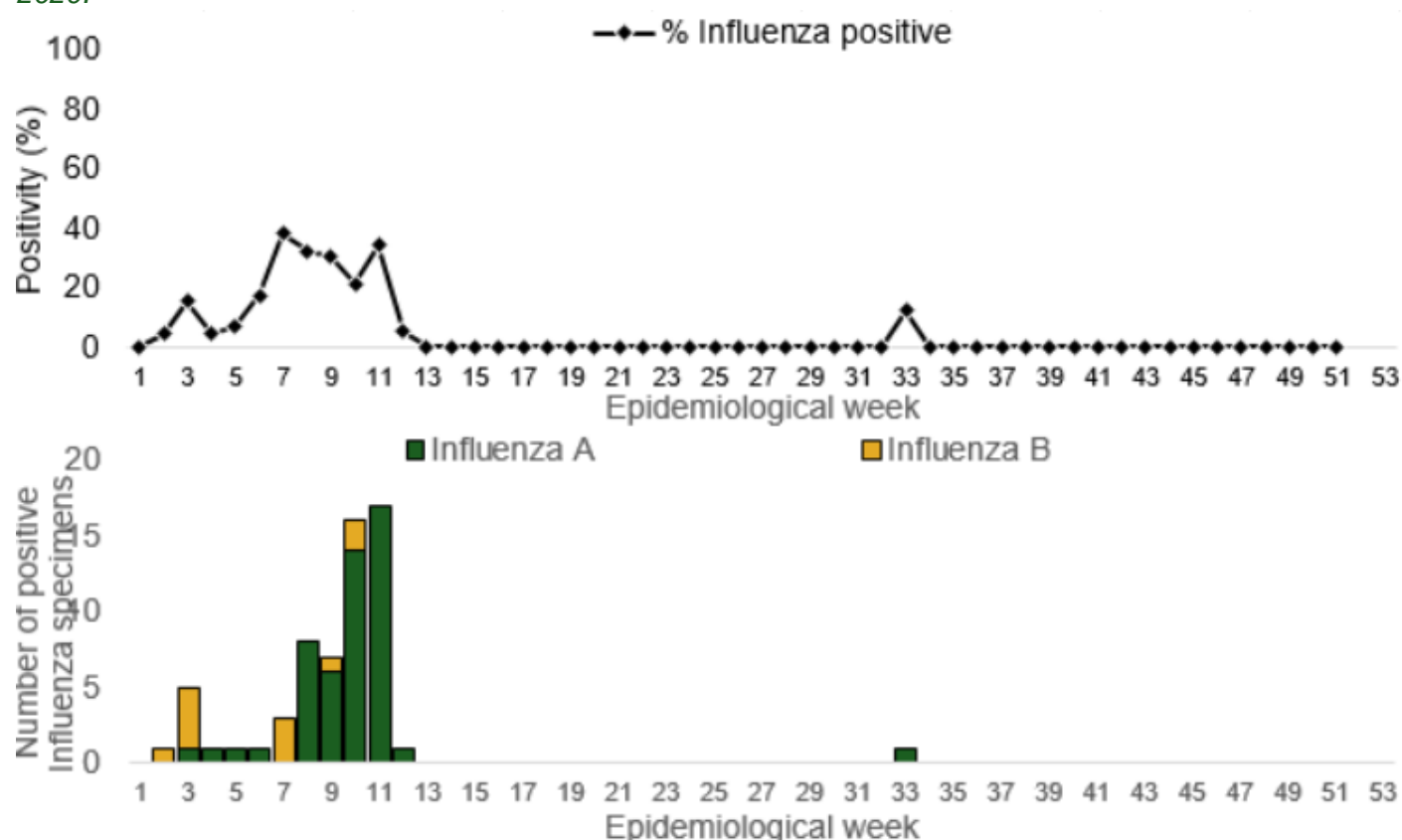
National Influenza Sentinel Surveillance

Year to date (week 1 – 51)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	540	444 (82.2%)	96 (17.8%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	84	14	75	11	9	3
Positivity (%)	85.7%	14.3%	16.9%	2.5%	9.4%	3.1%

Figure 15: Number of influenza positive specimens by type and percent positive by epidemiological week, 2020.



Key points

- The subtypes A seasonal H3, A seasonal H1, 2009A/H1N1 and A/not subtyped account for 1(1.9%), 2(3.7%), 17(31.5%) and 34(63.0%) of the total influenza A positive samples respectively. The subtypes B VICTORIA, B Not subtyped and B Yamagata account for 3(27.3%), 8(72.7%) and 0(0.0%) of the total influenza B positive samples respectively.
- The percentage Influenza positive was highest in week 7 with 37.5%.

Coronavirus Disease (COVID-19)

As at week 53

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
975,786	90,147	1,311	State: LGA:

Figure 15: Epidemic curve of confirmed cases of COVID-19, Nigeria, week 1 – 53, 2020

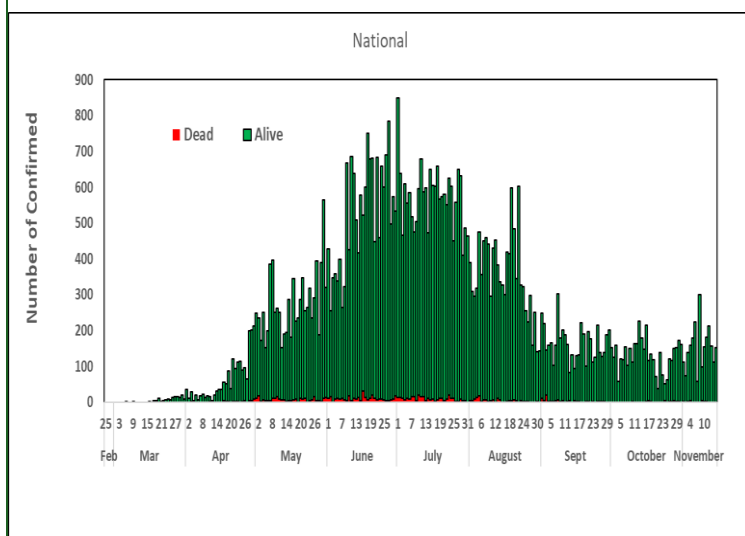
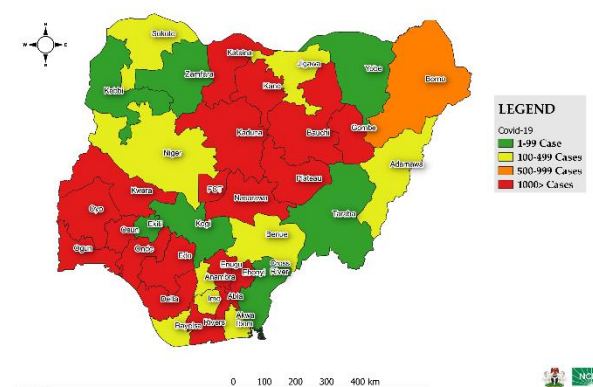


Figure 16: Location of **confirmed** cases of COVID-19 by State, Nigeria, as at week 53, 2020



Actions

To date:

- National COVID-19 multi-partner Emergency Operations Centre (EOC) continues to coordinate response activities across states
- Deployed three National Rapid Response Teams (NRRT) to FCT, Kaduna and Lagos States
- Deployed additional 1200 Community Health Volunteers (CHVs) and 74 supervisors across 35 states and FCT
- Currently supporting active case search in Oyo and Lagos States
- Ongoing on the job refresher training for IPC trainers in all health facilities

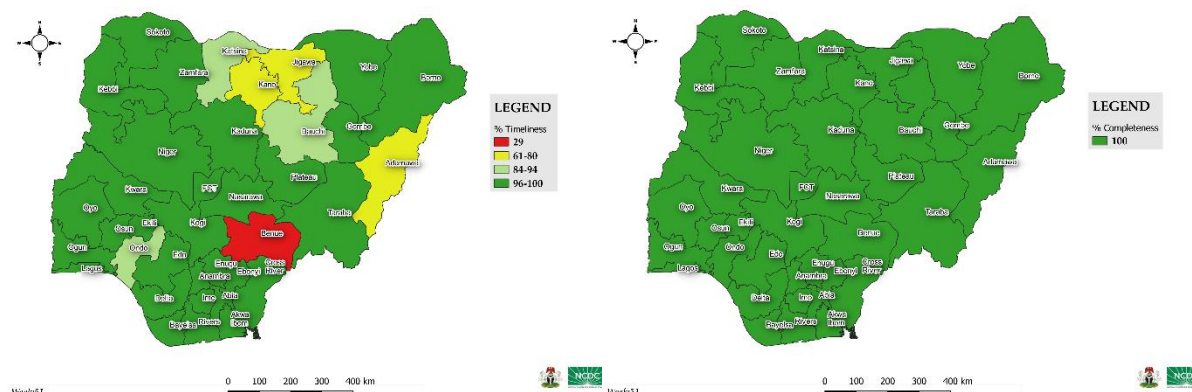
Planned:

- Develop plan routine testing for COVID-19
- Follow up and assessment of hand hygiene facilities under the Orange Network programme
- Finalise laboratory quality assurance plan

Timeliness and Completeness of Reports

Last 4 weeks (48 – 51, 2020)

Figure 16: A – Timeliness by State (%); B – Completeness by State (%), weeks 48 - 51, 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 48 – 51	Year to date Week 1 – 51
Reports sent on time	147	1757
Reports sent late	1	130
Reports not received	0	0
Timeliness	99.3%	93.1%
Completeness	100%	100%

States with reports not received in 2020 (week 1 – 51)

State	Week(s) report not received

Timeliness and Completeness of Reports by State

Year to date (week 1 – 51)

State	Timeliness (%)	Completeness (%)
Abia	98	100
Adamawa	61	100
Akwa Ibom	98	100
Anambra	98	100
Bauchi	84	100
Bayelsa	100	100
Benue	29	100
Borno	98	100
Cross River	96	100
Delta	100	100
Ebonyi	98	100
Edo	100	100
Ekiti	100	100
Enugu	100	100
FCT	100	100
Gombe	94	100
Imo	100	100
Jigawa	61	100
Kaduna	94	100
Kano	80	100
Katsina	92	100
Kebbi	100	100
Kogi	100	100
Kwara	98	100
Lagos	96	100
Nasarawa	100	100
Niger	100	100
Ogun	96	100
Ondo	88	100
Osun	96	100
Oyo	98	100
Plateau	100	100
Rivers	100	100
Sokoto	98	100
Taraba	94	100
Yobe	100	100
Zamfara	98	100