



SITUATION REPORT

Nigeria Centre For Disease Control (NCDC)

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TITLE:	YELLOW FEVER MONTHLY SITUATION REPORT IN NIGERIA
SERIAL NUMBER:	10
EPI-WEEKS:	19 - 22
DATE:	1st – 31th May, 2019

HIGHLIGHTS

- **In this reporting month of May, 2019:**

- Three hundred and thirty-two (332) suspected cases were recorded.
- One (1) presumptive positive case and one (1) inconclusive were recorded
 - NCDC Central Public Health Laboratory (CPHL) reported 1 presumptive positive case from Ondo State - (Akoko South East LGA) and 1 inconclusive case from Rivers State (Gokona)
- Three new confirmed cases from the Institute Pasteur (IP) Dakar were received [Anambra State-1 (Onitsha North LGA), Kebbi State -1 (Arewa Danladi LGA) and Sokoto State -1(Kware LGA)] -
- These were last IP Dakar confirmed cases which were received on 24th of May, 2019
- Sokoto State is the latest to report a confirmed case since the onset of the outbreak in 2017
- Twenty States (20) have recorded at least one confirmed case from Institute Pasteur (IP) since the beginning of the outbreak.
- Yellow fever response activities are being coordinated by the Yellow Fever Technical Working Group (YF TWG).

- **Epi Summary from 1st January – 31st May, 2019:**

- One thousand two hundred and fifty-five (1255) suspected cases have been reported in 424 (54.7%) LGAs.
- All suspected cases had blood samples collected.
- Nigeria testing Labs have recorded thirty-seven (37) presumptive positives and twelve (12) inconclusive cases from 12 states in 38 LGAs: Table 1
- From the thirty-seven (37) presumptive and twelve (12) inconclusive sent to Dakar, fifteen (15) were confirmed as cases as follows [Edo (7) and 1 inconclusive) Ondo (2), Imo (1), Osun (1), Anambra (1), Kebbe (1) and Sokoto (1)]
- One death of suspected yellow fever case has been recorded from Adamawa
- Case fatality Rate (CFR) is 0.08%
- Rapid response teams have been deployed to Abia, Imo and Osun States.

EPI- SUMMARY

1: Showing All Affected States and Cases with Yellow Fever in Nigeria as at Week 22, 31st May, 2019

Description	Abia	Adamawa	Akwa Ibom	Anambra	Bauchi	Bayelsa	Benue	Borno	Cross Rivers	Delta	Ebonyi	Edo	Ekiti	Enugu	FCT	Gombe	Imo	Jigawa	Kaduna	Kano	Katsina	Kebbi	Kogi	Kwara	Lagos	Nasarawa	Niger	Ogun	Ondo	Osun	Oyo	Plateau	Rivers	Sokoto	Taraba	Yobe	Zamfara	Total		
Total Number of cases in the linelist	37	13	8	76	15	6	49	80	15	12	15	62	14	43	16	15	72	36	18	24	116	186	17	25	6	41	10	20	29	25	30	24	17	20	20	26	17	1255		
Attack Rate Per 100,000 population	1.0	0.3	0.1	1.3	0.2	0.3	0.8	1.3	0.4	0.2	0.5	1.4	0.4	0.9	0.4	0.4	1.3	0.6	0.2	0.2	1.4	4.0	0.4	0.1	0.1	1.5	0.2	0.4	0.6	0.5	0.4	0.6	0.2	0.4	0.6	0.7	0.4	0.6		
Number of LGAs with suspected cases	13	7	7	15	7	4	19	18	9	9	7	16		15	6	5	22	18	8	14	28	21	7	12	5	10	7	11	13	14	18	12	11	9	9	10	8	424		
Number of LGAs with Presumptive /inconcusive cases	1	0	0	3	1	0	0	0	0	1	1	8	0	3	0	1	5	0	0	0	1	2	0	0	0	0	0	1	7	1	0	0	1	1	0	0	0	38		
Number of LGAs with confirmed cases from IP Dakar	0	0	0	1	0	0	0	0	0	0	0	4	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	10		
Number suspected cases with Blood sample collected in Nigeria	37	13	8	76	15	6	49	80	15	12	15	62	14	43	16	15	72	36	18	24	116	186	17	25	6	41	10	20	29	25	30	24	17	20	20	26	17	1255		
Number of Presumptive Positives in Nigeria	0	0	0	3	1	0	0	0	0	1	1	11	0	2	0	1	4	0	0	0	0	3	0	0	0	0	0	1	7	1	0	0	0	0	1	0	0	0	37	
Number with inconclusive results in Nigeria	0	0	0	0	0	0	0	0	0	1	0	4	0	1	0	0	1	0	0	0	0	3	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	13	
Total number of samples sent to Dakar	0	0	0	2	2	0	0	0	0	2	1	15	0	3	0	1	5	0	0	0	0	6	0	0	0	0	0	2	6	1	0	0	1	1	0	0	0	48		
Number positive cases from IP Dakar	0	0	0	1	0	0	0	0	0	0	0	8	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2	1	0	0	0	0	1	0	0	0	15		
Total number negative in Dakar	0	0	0	1	2	0	0	0	0	2	1	7	0	3	0	0	4	0	0	0	0	5	0	0	0	0	0	1	4	0	0	0	0	0	0	0	0	0	32	
Number awaiting result from Dakar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
Number of deaths from all cases	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Number of deaths among presumptive positives	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Number of deaths from IP Dakar confirmed	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<table border="1"> <tr> <td>States with presumptive/inconcusive cases since outbreak commenced 2017</td> <td></td> </tr> <tr> <td>States with confirmed cases since outbreak commenced 2017</td> <td></td> </tr> <tr> <td>States with only suspected cases</td> <td></td> </tr> </table>																													States with presumptive/inconcusive cases since outbreak commenced 2017		States with confirmed cases since outbreak commenced 2017		States with only suspected cases							
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Nigeria: Epicurve of reported Yellow Fever Cases as at week 22 , 2019

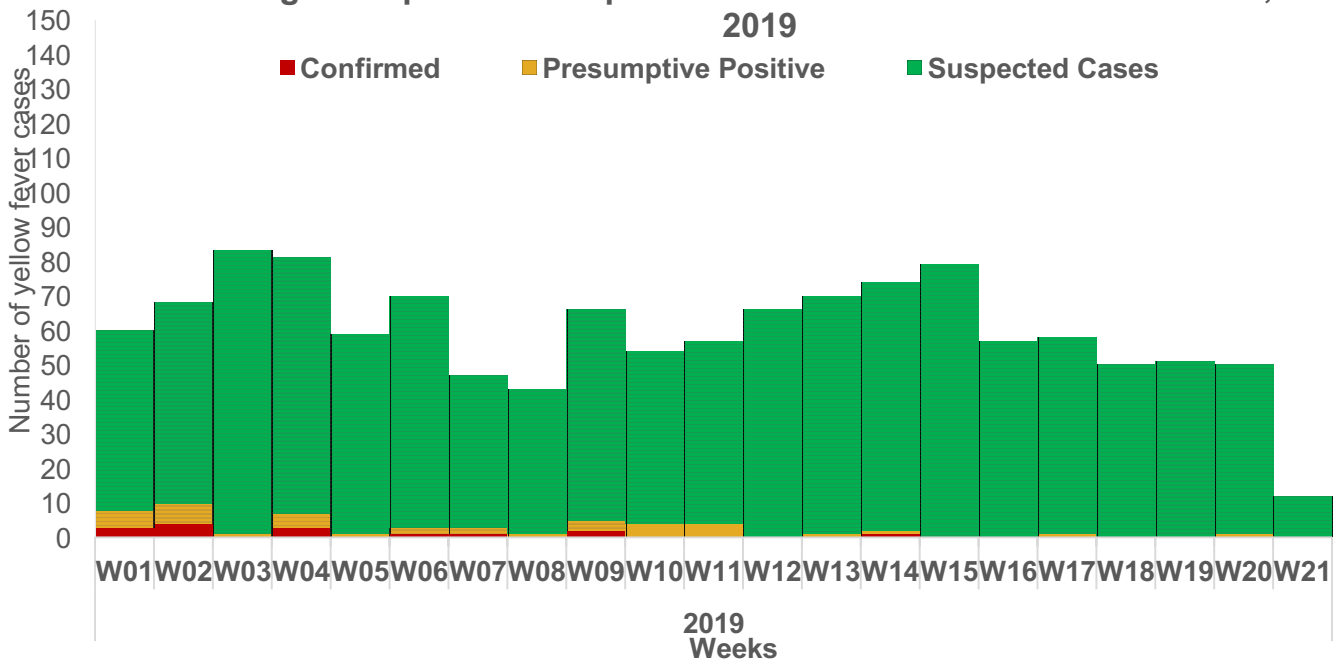


Figure 1: Epidemic Curve of All Cases of Yellow Fever in Nigeria as at Week 22, 31st May, 2019

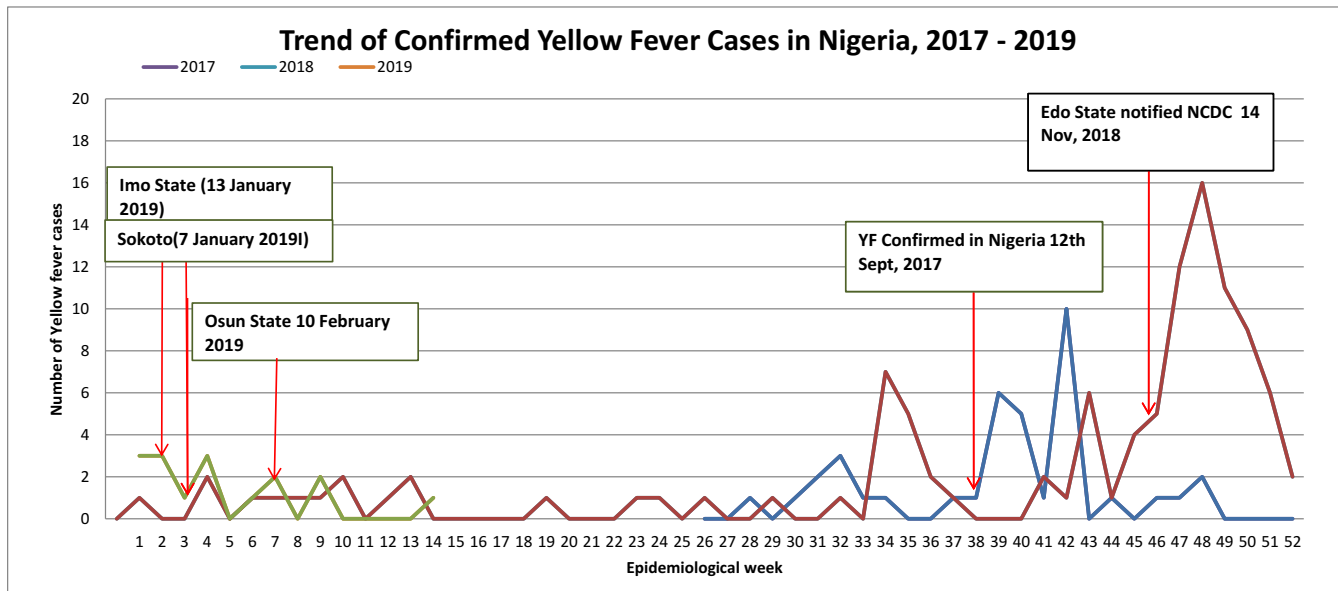


Figure 2: Trend of Confirmed Cases of Yellow Fever in Nigeria 2017 – 2019

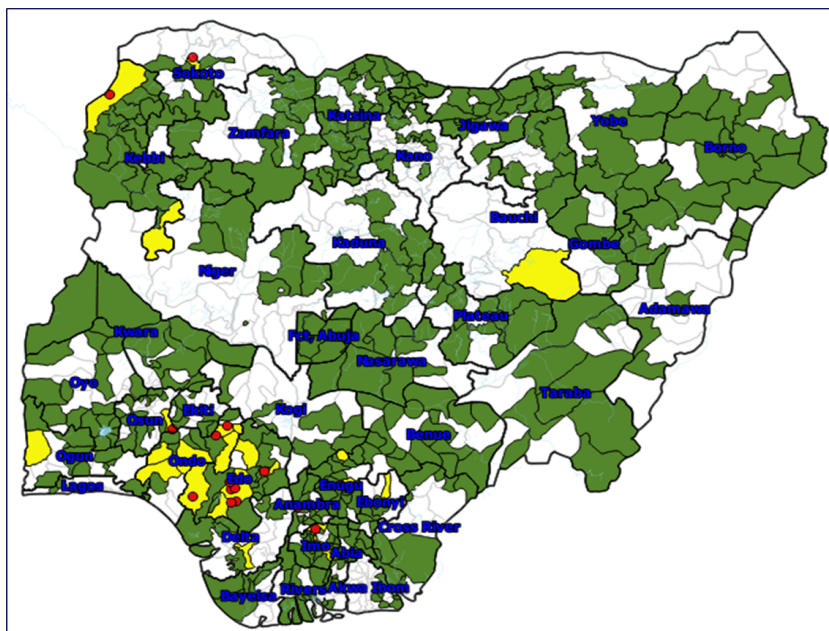


Figure 3: Map of Nigeria Showing States with Suspected /Presumptive/Confirmed Cases as at Week 22, 31st May, 2019

YELLOW FEVER KEY RESPONSE ACTIVITIES

Coordination

- Yellow fever response activities is coordinated by multi-agency Yellow fever Technical Working Group (YF TWG)
 - Yellow fever outbreak after action review (AAR) meeting is being planned for 18th - 20th June, 2019
- Onsite support provided by NCDC Rapid Response Teams (RRTs) to Kogi, Katsina, Edo, Benue, Nasarawa, Abia, Imo and Osun States
- Off-site support provided to other affected states

Surveillance

- Enhanced yellow fever surveillance in all the states
- Harmonisation of surveillance and laboratory data on-going
- Updating, reviewing and analysis of SORMAS database is on-going

Laboratory

- Yellow fever laboratory testing reagents are available in all testing laboratories
- All laboratories are currently testing

Risk Communication

- Strengthening risk communication capacity through involvement of relevant stakeholders
- Dynamic listening and rumour monitoring on all media platforms
- Public communication and awareness efforts on yellow fever (signs, symptoms and vaccinations) are on-going in social media

Vaccines and Logistics

- Yellow fever reactive vaccination campaigns to be implemented: Edo State (5 LGAs), Delta State (1 LGA) and Ondo State (7 LGAs)
- 2019 Phase 3 Preventive mass vaccination campaign to take place in Katsina, Edo, Ekiti and Rivers States

Challenges

- Funding of outbreak investigations
- Updating the yellow fever data on the SORMAS Platform
- Poor documentation of yellow fever surveillance in many health facilities and across states

Next Steps

- Follow up with the Yellow fever AAR and Post Simex meeting planning activities
- Continue update of the national yellow fever line-list with harmonisation of both surveillance and laboratory data
- Update and analyze data on SORMAS platform
- Develop risk communication assessment plan
- Train state surveillance teams on yellow fever surveillance, reporting and documentation of tools
- Operationalisation of the three new laboratories added to the Yellow fever Laboratory network
- Review of the first draft of the national yellow fever guidelines